





LIBRARY OF THE  
UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

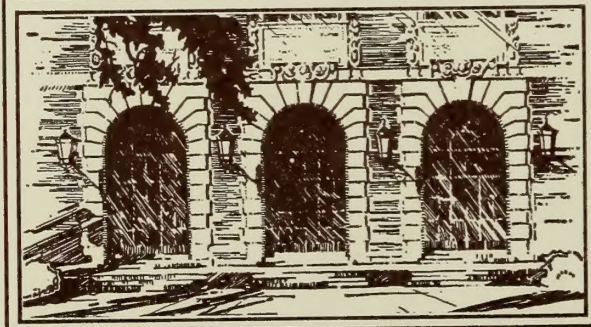
016.612115

F 443

1970

cop. 2

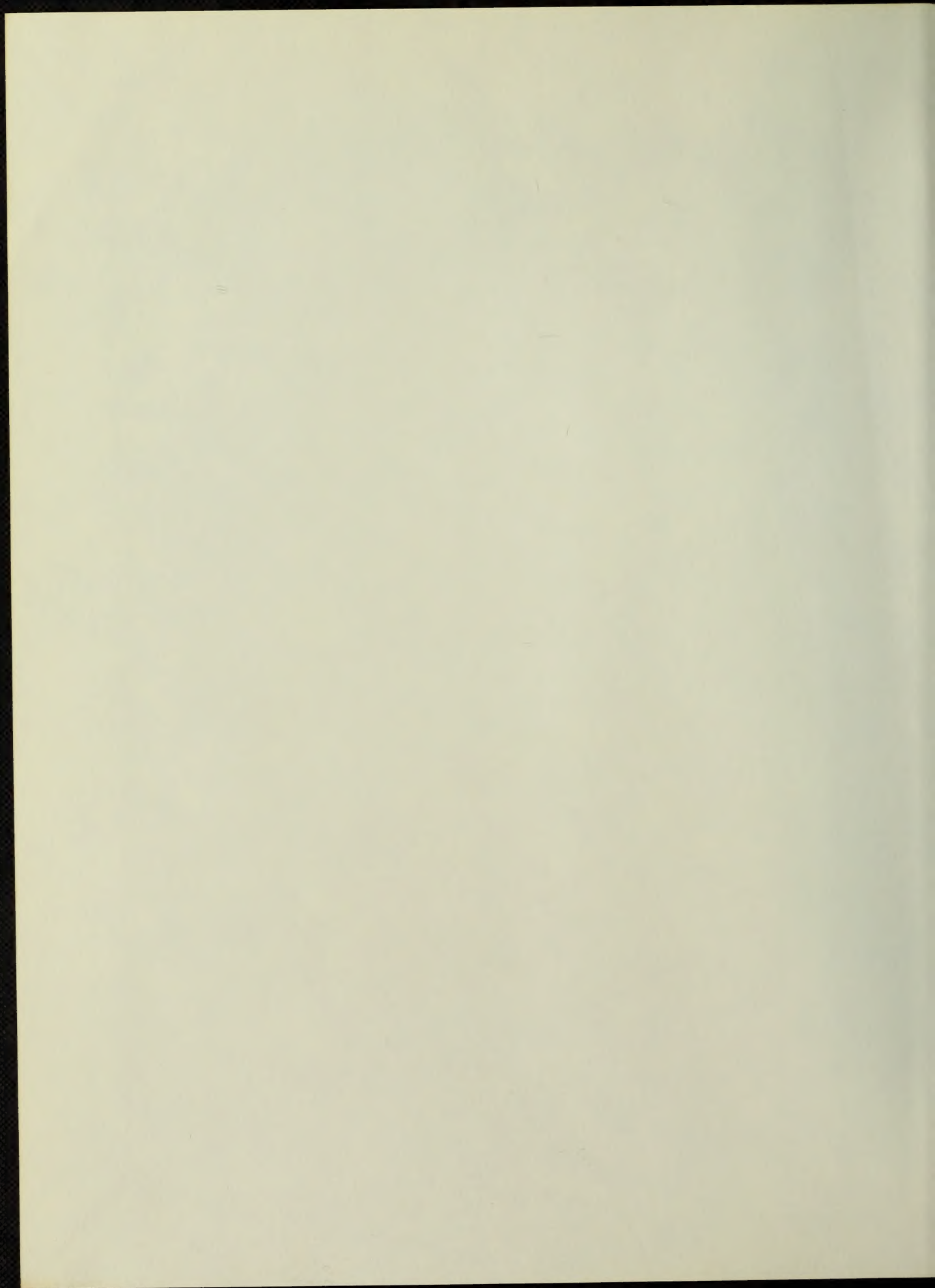
AUG 3 1972





LIBRARY OF THE MUSEUM OF NATURAL HISTORY







LIBRARY II OF J. MICHIGAN UNIVERSITY







*Biblio*

162

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Institutes of Health

# FIBRINOLYSIS, THROMBOLYSIS, and BLOOD CLOTTING

... A Bibliography



THE LIBRARY OF THE

JUN 2 1971

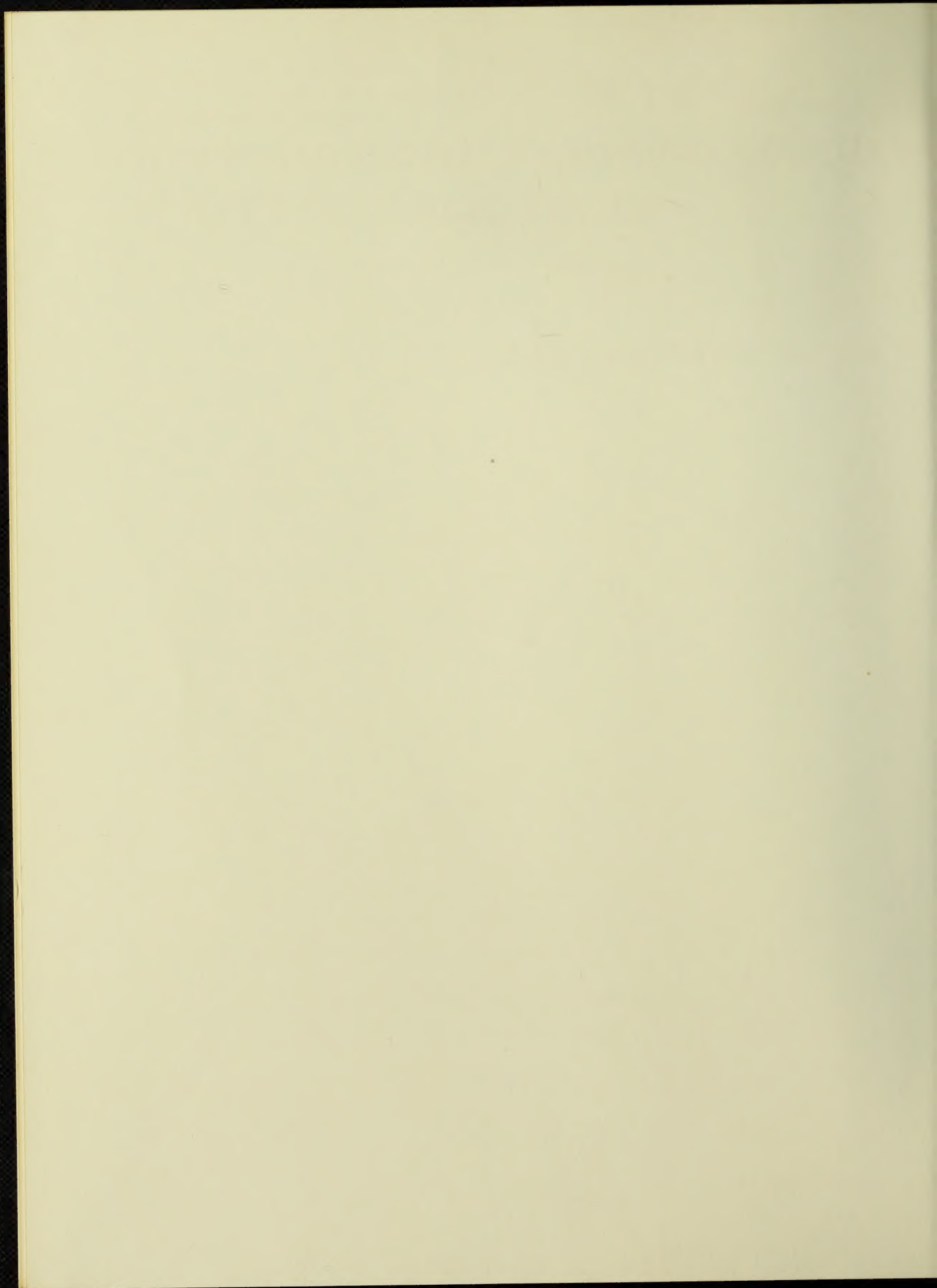
UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

ANNUAL COMPILATION

1970

JUN 11 1971

BIOLOGY LIBRARY  
101 BURRILL HALL





FIBRINOLYSIS, THROMBOLYSIS, AND  
BLOOD CLOTTING  
A BIBLIOGRAPHY

ANNUAL COMPILATION

1970

NATIONAL HEART AND LUNG INSTITUTE  
NATIONAL INSTITUTES OF HEALTH

IN COOPERATION WITH

THE NATIONAL LIBRARY OF MEDICINE

#### ACKNOWLEDGEMENT

The Fibrinolysis, Thrombolysis and Blood Clotting Bibliography was compiled by the National Library of Medicine. Citations were processed by the Library's computer-based Medical Literature Analysis and Retrieval System (MEDLARS). They were printed from film composed by Graphic Arts Composing Equipment (GRACE), MEDLARS' high-speed phototypesetter.

Address all correspondence to:

Dr. James M. Stengle  
National Heart and Lung Institute  
National Institutes of Health  
Bethesda, Maryland 20014



216.612115  
F443  
1770  
C572

CONTENTS

	<u>PAGE</u>
Preface . . . . .	iv
Subject Section . . . . .	1
Reviews . . . . .	257
Author Section . . . . .	275
Subject Index . . . . .	795
Author Index . . . . .	849

## PREFACE

The reader should note that beginning with the January 1970 issue (Volume 6, Number 1) changes have been introduced into the format which are intended to reduce duplication in, and thus ultimate size of, the bibliography and to render it a more efficient and effective access to the subject literature. The new format is described below.

The bibliography has five sections: (1) Subject Section; (2) Review Section; (3) Author Section; (4) Subject Index; and (5) Author Index.

### Subject Section

This section is for the reader interested in recent literature related to certain topics. A particular citation may appear more than once if it deals with multiple topics. Each citation to an article contains the full title, first author, and journal reference. If the article is written in a foreign language, the language is indicated. If the citation is to a review article, the number of references is given.

### Author Section

The citations in this section are arranged alphabetically according to first author; each article appears only once. The citations are numbered consecutively. These numbers are then used in the Author and Subject Indexes to enable the reader to identify references with ease. The citations found in this section provide a list of key words or index terms assigned to each article. The citations are complete, but only the first three authors are listed. Foreign titles appear in the original language; these titles have been translated into English in the Subject Section. Following each citation are index terms which have been assigned to describe the contents of the article. Index terms appear in capital letters; some of these are accompanied by subheadings which appear in lower case letters; asterisks (\*) identify the index terms under which articles appear in Index Medicus.

### Subject Index

All of the index terms assigned to citations appearing in the bibliography are listed, followed by citation numbers which correspond to the numbers in the Author Section. This section is included for the convenience of the reader who wishes to select articles falling in categories of his own conception.

### Author Index

The names of all authors are listed, followed by citation numbers which correspond to the numbers in the Author Section.



## ACENOCOUMAROL

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)

## ADMINISTRATION &amp; DOSAGE

[Use of G.23.350 (Sintrom) in cardiology: indications, posology and surveillance] Warembourg H, et al.  
Lille Med 15:167-79, Jan 70 (Fre)  
[Rimactan (rifampicin) and anticoagulant therapy] Michot F, et al.  
Schweiz Med Wschr 100:583-4, 28 Mar 70 (Ger)

## ADVERSE EFFECTS

[Birth of a full-term healthy child from a mother with a Starr-Edwards prosthesis in the mitral orifice. Anticoagulant therapy during pregnancy and delivery] Hart PG.  
Nederl T Verlosk 69:401-9, Oct 69 (Dut)  
[Coumarin necrosis] Jost P.  
Schweiz Med Wschr 99:1069-77, 26 Jul 69 (Ger)  
[Rare complications of anticoagulant therapy] Földváry G, et al. Orv Hetil 110:2283-5, 28 Sep 69 (Hun)

## PHARMACODYNAMICS

[Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.  
Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)

## THERAPEUTIC USE

A comparative study concerning the stability of the anticoagulant effect of acenocoumarol and phenprocoumon. Breed WP, et al.  
Acta Med Scand 186:283-8, Oct 69  
Anticoagulant therapy during pregnancy. A new approach. Olwin JH, et al.  
Obstet Gynec 34:847-52, Dec 69  
[Use of an anticoagulant, acenocoumarol, in cardiovascular surgery] Prez M, et al.  
Lille Med 14:Suppl 3:508+, Apr 69 (Fre)  
[Utilization of an anticoagulant, acenocoumarol, in cardiovascular surgery] Prez M, et al.  
Lille Med 14:Suppl 3:508+, Apr 69 (Fre)  
[Practical utilization of an anticoagulant, sintrom, in cardiology] Warembourg H, et al.  
Lille Med 14:Suppl 3:491-7, Apr 69 (Fre)  
[Practical use of an anticoagulant, Sintrom, in cardiology] Warembourg H, et al.  
Lille Med 14:Suppl 3:491-7, Apr 69 (Fre)  
[Use of Sintrom in vascular surgery] Lesbros A.  
Marseille Med 107:199-200, 1970 (Fre)  
[Medical treatment of acute venous thrombosis] Milleret PG. Phlebologie 23:39-45, Jan-Mar 70 (Fre)  
[Experience with prophylactic postoperative anticoagulant treatment in 6551 patients] Alánt O, et al. Acta Chir Acad Sci Hung 10:139-50, 1969 (Ger)  
[Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al.  
Arzneimittelforschung 19:1873-6, Nov 69 (Ger)  
[Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.  
Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)  
[Experiences with prolonged anticoagulant therapy at our outpatient clinic] Adler M, et al.  
Orv Hetil 110:2287-9, 28 Sep 69 (Hun)

## ADHESIONS

Primary rhabdomyosarcoma of the pericardium. Ota G, et al. Acta Path Jap 19:223-8, May 69  
Postcycloidalysis hypotony. Barasch K, et al.  
Amer J Ophthal 68:644-5, Oct 69  
Pathology of complications of intraocular surgery. Bettman JW Jr. Amer J Ophthal 68:1037-50, Dec 69  
Intestinal obstruction. Havia T, et al.  
Ann Chir Gynaec Fenn 58:219-23, 1969  
Ocular histopathology in pulseless disease. Font RL, et al. Arch Ophthal (Chicago) 82:784-8, Dec 69  
The lens and vitreous. Freeman HM.  
Arch Ophthal (Chicago) 82:551-66, Oct 69 (120 ref.)  
Friction lesions of ventricular endocardium. Relation to chordae tendineae of mitral valve. Salazar AE, et al.  
Arch Path (Chicago) 90:364-76, Oct 70

Articular cartilage loss in long-standing flexion deformity of the proximal interphalangeal joints. Field PL, et al. Aust New Zeal J Surg 40:70-4, Aug 70  
The use of electrocutting and electrocoagulation in surgery. Lawrenson K, et al.  
Aust New Zeal J Surg 39:417-21, May 70  
Retinal detachment surgery; a comparison of diathermy and cryosurgery. Hilton GF, et al.  
Bibl Ophthal 79:440-8, 1969  
Some effects of porto-caval anastomosis in the male rat. Kyu MH, et al. Brit J Exp Path 51:217-27, Apr 70  
Central corneal thickness. Ocular correlations in normal eyes and those with primary angle-closure glaucoma. Lowe RF. Brit J Ophthal 53:824-6, Dec 69  
Results of partial penetrating keratoplasty related to the size of the graft. Mortada A.  
Brit J Ophthal 54:66-8, Jan 70  
A single-layer intestinal anastomosis. Orr NW.  
Brit J Surg 56:771-4, Oct 69  
Complications of peripheral iridectomy. Luke SK.  
Canad J Ophthal 4:346-51, Oct 69  
The effect of trabeculotomy in normal eyes of rhesus and cynomolgus monkeys studied by anterior chamber perfusion. Dannheim R, et al.  
Docum Ophthal 26:90-107, 1969  
The use of suction curettage in incomplete abortion. Suter PE, et al.  
J Obstet Gynaec Brit Comm 77:464-6, May 70  
Changes in the wall of the pulmonary artery after banding. Berry CL. J Path 99:29-32, Sep 69  
Laparoscopy in diagnosis and treatment of endometriosis and pelvic adhesions. Palmer R.  
Nederl T Verlosk 70:293-6, Aug 70  
Female circumcision and imbibulation complicating delivery. Daw E. Practitioner 204:559-63, Apr 70  
The 'mutilated ovary' syndrome. Wat JJ van der. S Afr Med J 44:687-92, 13 Jun 70  
The cryosurgical adhesion. II. Lincoff H, et al.  
Trans Amer Acad Ophthal Otolaryng 74:98-107, Jan-Feb 70  
The anterior chamber cleavage syndrome. Mullaney J.  
Trans Ophthal Soc UK 88:757-66, 1969  
[Reconstruction of a miniature middle ear by means of paraffin plombage] Vencik H.  
Cesk Otolaryng 19:8-11, Feb 70 (Cze)  
[Lortat-Jacob mucosynechial dermatitis with predominantly otorhinolaryngeal manifestations] Gullaine J, et al.  
Bull Soc Franc Derm Syph 76:623-4, 1969 (Fre)  
[Lortat-Jacob bullous muco-synechial and atrophic dermatitis] Hadida E, et al.  
Bull Soc Franc Derm Syph 77:209-11, 1970 (Fre)  
[Personal procedure for tympanoplasty in adhesive otitis] Willems A.  
J Franc Otorhinolaryng 18:303-4, May 69 (Fre)  
[Adhesive otitis in childhood] Marchand J, et al.  
Presse Therm Climat 106:2-5, Jan-Mar 69 (Fre)  
[Biliary ileus and postoperative adhesions] Chatelin CL, et al. Sem Hop Paris 46:1257-60, 14 Apr 70 (Fre)  
[Local adhesion of the gastrointestinal tract. (An alternative to the use of a cannula)] Hanuš K, et al.  
Arch Exp Veterinaarmed 23:75-80, 1969 (Ger)  
[Central nervous system involvement in Whipple's disease] Minauf M, et al.  
Arch Psychiat Nervenkr 212:180-99, 1969 (Ger)  
[Chronic leptomenigitides in closed skull-brain injuries] Schmidt H, et al.  
Arch Psychiat Nervenkr 213:11-21, 1970 (Ger)  
[Massive vitreous retraction] Hruby K.  
Docum Ophthal 26:555-65, 1969 (Ger)  
[Noble's intestinal plication] Kotter A.  
Zbl Chir 94:351-7, 15 Mar 69 (Ger)  
[The use of an intra-uterine contraceptive pessary in the treatment of women infertile due to uterine synechia] Zwinger A, et al.  
Zbl Gynaek 91:63-7, 11 Jan 69 (Ger)  
[Fetal malformations of amniotic origin] Savorelli M.  
Riv Ital Ginec 53:401-10, May 69 (Ita)  
[Adhering inflammation (synechia) of the vulva] Mzhamalova ZM, et al.  
Akush Ginek (Moskva) 45:64, Aug 69 (Rus)  
[Postoperative adhesive intestinal obstruction in children. (Classification, prevention and therapy)] Topusov VS. Vestn Khir Grekov 103:72-8, Dec 69 (Rus)  
[A case of Stevens-Johnson syndrome with severe course and resulting in blindness] Rabinovich EM, et al. Vestn Oftal 2:93-4, Jan-Feb 70 (Rus)  
[Synechia of the labia minora in girls] Tumanian NT, et al. Vop Okhr Materin Dets 14:50-3, Sep 69 (Rus)



## ADHESIONS

## SUBJECT SECTION

[Mobile spleen] Todorović V.  
Srpski Arh Celok Lek 97:1233-4, 1969 (Ser)

### CHEMICALLY INDUCED

Radiation inhibition of peritoneal adhesions: an experimental study. Green N, et al.  
Proc Soc Exp Biol Med 133:544-50, Feb 70  
[Prevention of adhesions with macromolecular solutions. An animal experimental contribution] Senst W, et al.  
Bruns Beitr Klin Chir 217:564-8, Oct 69 (Ger)

### CLASSIFICATION

Ladd's bands in older children, adolescents, and adults.  
Friedland GW, et al. Radiology 95:363-8, May 70

### COMPLICATIONS

Volvulus of the small intestine in Northern India.  
Agrawal RL, et al. Amer J Surg 120:366-70, Sep 70  
Intestinal obstruction with a gynaecological aetiology.  
Aho AJ, et al. Ann Chir Gynaec Fenn 58:90-5, 1969  
A silastic tendon prosthesis as an adjunct to flexor tendon grafting: an experimental and clinical evaluation. Nicolle FV.  
Brit J Plast Surg 22:224-36, Jul 69  
Recent advances in investigation and treatment of infertility. Wingate MB.  
Canad Med Ass J 101:43-9, 1 Nov 69 (57 ref.)  
Splenic flexure traction syndrome. Role of the greater omentum. Mast WH. Int Surg 53:363-7, May 70  
Bowel obstruction as a complication of transperitoneal cutaneous ureterostomy. Tharp JD, et al.  
J Urol 102:513-4, Oct 69  
Iatrogenic spillage from benign cystic teratoma causing severe peritoneal granulomas and adhesions. Report of a case. Ranney B. Obstet Gynec 35:562-4, Apr 70  
Unique vascular colon stenoses. Dietz MW.  
Radiology 93:385-6 passim, Aug 69  
To pathogenesis of subjective tinnitus aurium in adhesive middle-ear processes. Novák J.  
Sborn Ved Prac Lek Fak Karlov Univ 12:141-7, 1969  
Jejunoleocolic intubation and plication for intestinal obstruction caused by massive adhesions in infancy.  
Moore TC, et al. Surgery 67:364-8, Feb 70  
[Respiratory movement of tracheal bifurcation in case of pleural adhesion and diaphragmatic paralysis] Steinmann P. Bronches 20:104-8, Mar-Apr 70 (Fre)  
[Indication, technique and results of the Noble surgical method in severe adhesive ileus] Voelkel H.  
Bruns Beitr Klin Chir 218:44-8, Feb 70 (Ger)  
[Constriction of the stomach antrum from the roentgenologic view] Petzel H.  
Med Welt 47:1592-6 passim, 22 Nov 69 (Ger)  
[Acute torsion of the great omentum] Porfiri L, et al.  
Acta Chir Ital 24:51-65, Jan-Feb 68 (Ita)  
[Intestinal functional disorders in adhesions] Dublaga AN. Sovet Med 32:76-9, 1969 (Rus)  
[Certain aspects of the surgical treatment of adhesions] Nepokoichitskii EO. (Rus)  
Sovet Med 33:145-7, Mar 70 (Rus)  
[Postoperative adhesive intestinal obstruction in children. (Classification, prevention and therapy)] Topusov VS. Vestn Khir Grekov 103:72-8, Dec 69 (Rus)

### CONGENITAL

Volvulus of the small intestine in Northern India.  
Agrawal RL, et al. Amer J Surg 120:366-70, Sep 70  
Ladd's bands in older children, adolescents, and adults.  
Friedland GW, et al. Radiology 95:363-8, May 70

### DIAGNOSIS

Splenic flexure traction syndrome. Role of the greater omentum. Mast WH. Int Surg 53:363-7, May 70  
Laparoscopy of the infertile patient. Peterson EP, et al.  
Obstet Gynec 36:363-7, Sep 70  
[Adhesions following surgery of the upper abdomen] Michnévič I. Cesk Gastroent Vyz 24:36-9, Jan 70 (Cze)  
[Adhesive ovarian tumors] Kato T, et al.  
Sanfujin Jissai 19:358-61, Apr 70 (Jap)

### DRUG THERAPY

[Use of Pyrogenal in the treatment of inflammatory processes of the internal sexual organs of female rats]

Gladshtein IuM.  
Pat Fiziol Eksp Ter 13:74-5, Jul-Aug 69 (Rus)

### ETIOLOGY

Intestinal obstruction with a gynaecological aetiology.  
Aho AJ, et al. Ann Chir Gynaec Fenn 58:90-5, 1969  
Removal of the normal appendix: the cause of serious complications. Jerman RP.  
Brit J Clin Pract 23:466-7, Nov 69  
The detrimental effects of drains on colonic anastomoses: an experimental study. Manz CW, et al.  
Dis Colon Rectum 13:17-25, Jan-Feb 70  
Acquired band of adhesion between tarsal conjunctivae. Saxena RC, et al.  
J All India Ophthal Soc 17:160-2, Aug 69  
Fibrinolytic activity of mesothelial surfaces. Porter JM, et al. Surg Forum 20:80-2, 1969  
[Traumatic uterine synechia. Prolonged amenorrhea. Treatment using the Musset operation] Paoli A, et al.  
Bull Fed Gynec Obstet Franc 22:110-1, Jan-Mar 70 (Fre)  
[The pleural x-ray features changed by treatment and terrain] Bohlig H.  
Prax Pneumol 23:531-47, Aug 69 (Ger)  
[Uterine synechiae following abortion (Asherman's syndrome)] Vago O.  
Z Aerzt Fortbild (Jena) 63:699-702, 1 Jul 69 (Ger)  
[Unusual case of intestinal lesions after induced abortion. Accidental finding in extragenital pathology] Perretti F.  
Minerva Ginec 22:252-5, 28 Feb 70 (Ita)  
[2 cases suspected to be traumatic adhesion of the uterus following induced abortion] Fusejima S.  
Sanfujin Jissai 18:993-5, Oct 69 (Jap)  
[Psychosomatic consideration on postoperative adhesion of the intestine] Wakisaka J, et al.  
Surg Ther (Osaka) 23:1-12, Jul 70 (Jap)  
[Gelatinous disease of the peritoneum] Diaconescu M, et al. Rev Medicochir Iasi 73:743-6, Jul-Sep 67 (Rum)  
[Hemocoagulation properties of the human peritoneum and the mechanism of adhesion formation] Skipetrov VP, et al. Klin Khir (Kiev) 2:64-8, Feb 70 (Rus)

### METABOLISM

Nutritional benefit by delayed transit due to intestinal adhesions or jejunal plication. Ashby EC.  
Brit J Surg 57:387, May 70

### OCCURRENCE

Studies of chronic (nontuberculous) lung disease in New Guinea populations. The nature of the disease.  
Woolcock AJ, et al.  
Amer Rev Resp Dis 102:575-90, Oct 70  
Surgery of paretic muscles in ophthalmoplegia of thyroid origin. Zauberman H, et al.  
Ophthalmologica (Basel) 159:333-8, 1969  
[Occurrence and significance of periovarian adhesions in female genital tuberculosis] Hatvany T.  
Bratisl Lek Listy 53:566-72, May 70 (Slo)

### PATHOLOGY

Vitreomacular traction syndrome confirmed histologically. Reese AB, et al.  
Amer J Ophthal 69:975-7, Jun 70  
Histology of cataract extractions. Flaxel JT.  
Arch Ophthal (Chicago) 83:436-44, Apr 70  
The cryosurgical adhesion. Lincoff H, et al.  
Bibl Ophthal 79:414-35, 1969  
Tensile strength of chorioretinal lesions produced by photocoagulation, diathermy, and cryopexy.  
Zauberman H. Brit J Ophthal 53:749-52, Nov 69  
Acquired band of adhesion between tarsal conjunctivae. Saxena RC, et al.  
J All India Ophthal Soc 17:160-2, Aug 69  
Recurrent chylous ascites. Bruno MS, et al.  
New York J Med 70:282-90, 15 Jan 70  
Radiation inhibition of peritoneal adhesions: an experimental study. Green N, et al.  
Proc Soc Exp Biol Med 133:544-50, Feb 70  
The mechanism of the cryosurgical adhesion. Lincoff H.  
Trans Ophthal Soc UK 88:99-112, 1969  
[Retinal adhesion after cryopexy] Lincoff H, et al.  
Klin Mbl Augenheilk 156:771-83, 1970 (Ger)  
[Prevention of adhesions of the pleura and pericardium] Satter P, et al.  
Zbl Chir 95:1-10, 3 Jan 70 (Ger)



# SUBJECT SECTION

## ADHESIONS

### PHYSIOPATHOLOGY

A method for measuring the relative strengths of induced chorio-retinal adhesions. Foulds WS. *Bibl Ophthal* 79:436-9, 1969

### PREVENTION & CONTROL

Primary repair without immobilization of flexor tendon division within the digital sheath. An experimental and clinical study. Kessler I, et al. *Acta Orthop Scand* 40:587-601, 1969

New uses for ocular adhesives. Dunlap EA, et al. *Arch Ophthal* (Chicago) 82:756-60, Dec 69

Prevention of postoperative pelvic adhesions after conservative surgery. An interim report. Horne HW Jr, et al. *Fertil Steril* 20:1020-2, Nov-Dec 69

Splenic flexure traction syndrome. Role of the greater omentum. Mast WH. *Int Surg* 53:363-7, May 70

Prevention of intra-abdominal adhesions by protoporphyrin; an experimental study. Iijima N, et al. *Jap J Exp Med* 39:311-9, Jun 69

Spiral Teflon stent for tuboplasty involving fimbria. Roland M. *Obstet Gynec* 36:359-62, Sep 70

Ovarian remnant syndrome. Shemwell RE, et al. *Obstet Gynec* 36:299-303, Aug 70

Experimental studies on intra-abdominal adhesions. Iijima N, et al. *Postgrad Med J* 46:278-82, May 70

Problems of restoration of tendon movements after repair and grafts. Brooks DM. *Proc Roy Soc Med* 63:67-8, Jan 70

Radiation inhibition of peritoneal adhesions: an experimental study. Green N, et al. *Proc Soc Exp Biol Med* 133:544-50, Feb 70

Observations on the use of plastic adhesives in muscle surgery with two new potential applications. Dunlap EA, et al. *Trans Amer Ophthal Soc* 67:283-303, 1969

[Prevention of adhesions following tendon injuries using collagen membrane implantation] Samohyl J, et al.

*Acta Chir Orthop Traum Cech* 36:352-7, Dec 69 (Cze)

[A new way of peritonization and prevention of postoperative adhesions in the surgical treatment of sterility of adnexal origin] Musset R, et al.

*Gynec Obstet* (Paris) 68:203-10, Apr-May 69 (Fre)

[Critical study of various operative techniques for prevention of occlusion due to intestinal adhesions] Raymond JC, et al. *J Chir* (Paris) 99:25-38, Jan 70 (Fre)

[Attempts to prevent intrabdominal adhesions following obstetrical laparotomies in cattle by means of polyvinylpyrrolidone] Bostedt H, et al.

*Berlin Munchen Tierarztl Wschr* 82:429-32, 15 Nov 69 (Ger)

[Experimental studies on adhesion prevention in the pleural cavity using chondroitin sulfuric acid] Arnold K, et al. *Bruns Beitr Klin Chir* 217:374-6, Jun 69 (Ger)

[The Noble Plication operation] Schwilden ED, et al. *Bruns Beitr Klin Chir* 217:732-45, Dec 69 (Ger)

[Prevention of adhesions with macromolecular solutions. An animal experimental contribution] Senst W, et al.

*Bruns Beitr Klin Chir* 217:564-8, Oct 69 (Ger)

[Experience with the drainageless ideal cholecystectomy] K6le W.

*Langenbecks Arch Chir* 324:307-14, 4 Nov 69 (Ger)

[Dehiscence of intestinal anastomoses caused by intraperitoneal administration of Trasylol] Schima E. *Langenbecks Arch Chir* 325:336-40, 1969 (Ger)

[Are there contraindications for the intraperitoneal use of Trasylol] Vorster CF.

*Langenbecks Arch Chir* 325:333-6, 1969 (Ger)

[Symposium on new aspects of Trasylol therapy. Munich, October 20-21 1969] Matis P. *Med Welt* 52:2812-6, Dec 69 (Ger)

[Prevention of adhesions of the pleura and pericardium] Satter P, et al.

*Zbl Chir* 95:1-10, 3 Jan 70 (Ger)

[Prevention of experimental peritoneal adhesions by means of intraperitoneal administration of hydrocortisone solution and high molecular substances] Dacielewicz Z, et al.

*Pol Przegl Chir* 42:233-9, Feb 70 (Pol)

[Evaluation of trasylol in the prevention of experimental peritoneal adhesions] Badowski A, et al. *Wlad Lek* 22:1649-54, 15 Sep 69 (Pol)

[Prevention of adhesions in the abdominal cavity] Billich GL, et al.

*Eksp Khir Anest* 14:18-20, Jul-Aug 69 (Rus)

[Another means of preventing adhesions] Rusakov VI, et al. *Eksp Khir Anest* 14:28-32, Jan-Feb 69 (Rus)

[Effect of nerobol and prednisolone on development of interarterial anastomoses in experimental myocardial infarct] Seliverstov SA, et al.

*Farmakol Toksik* 33:48-51, Jan-Feb 70 (Rus)

[Postoperative adhesive intestinal obstruction in children. (Classification, prevention and therapy)] Topusov VS. *Vestn Khir Grekov* 103:72-8, Dec 69 (Rus)

### RADIOGRAPHY

The radiological findings in radiation-induced enteritis and colitis. A review of 30 cases. Mason GR, et al. *Clin Radiol* 21:232-47, Jul 70

Ladd's bands in older children, adolescents, and adults. Friedland GW, et al. *Radiology* 95:363-8, May 70

[The pleural x-ray features changed by treatment and terrain] Bohlgl H.

*Prax Pneumol* 23:531-47, Aug 69 (Ger)

[Uterine synechiae following abortion (Asherman's syndrome)] Vago O.

*Z Aerzt Fortbild* (Jena) 63:699-702, 1 Jul 69 (Ger)

### SURGERY

Treatment of uterine adhesions (Asherman's syndrome). Comminos AC, et al.

*Amer J Obstet Gynec* 105:862-8, 15 Nov 69

Thickening of the skull in surgically treated hydrocephalus. Anderson R, et al.

*Amer J Roentgen* 110:96-101, Sep 70

Hysterotomy and insertion of an intrauterine device for endometrial sclerosis: importance of long term followup. Wider JA, et al. *Fertil Steril* 21:240-3, Mar 70

Staged tympanoplasty. Smyth GD, et al. *J Laryng* 84:757-64, Aug 70

Iatrogenic spillage from benign cystic teratoma causing severe peritoneal granulomas and adhesions. Report of a case. Ranney B. *Obstet Gynec* 35:562-4, Apr 70

Replacement of iris prolapse after penetrating wounds of the eyes. Beran V, et al.

*Ophthalmologica* (Basel) Suppl:529-32, 1969

Microsurgical techniques in traumatic conditions of the anterior segment. Pierse D.

*Ophthalmologica* (Basel) Suppl:631-2, 1969

Ladd's bands in older children, adolescents, and adults. Friedland GW, et al. *Radiology* 95:363-8, May 70

[3 cases of late surgical cure of synechia. Reappearance of menstruation. Pregnancy] Marty G.

*Bull Fed Gynec Obstet Franc* 22:113-4, Jan-Mar 70 (Fre)

[Surgical treatment of ocular paralysis following fractures of the orbit] Rougier J.

*Ophthalmologica* (Basel) Suppl:28-48, 1969 (Fre)

[Peritonization and prevention of adhesions in operative treatment of sterility of adnexal origin] Musset R, et al. *Presse Med* 78:1113-4, 16 May 70 (Fre)

[The Noble Plication operation] Schwilden ED, et al. *Bruns Beitr Klin Chir* 217:732-45, Dec 69 (Ger)

[Experience with the Noble plication method in adhesions of the small intestine] Kissler F.

*Chirurg* 40:419-22, Sep 69 (Ger)

[Adhesive ovarian tumors] Kato T, et al. *Sanfujin Jissai* 19:358-61, Apr 70 (Jap)

[Adhesive adnexal tumors] Majima S. *Sanfujin Jissai* 19:352-7, Apr 70 (Jap)

[The treatment of adhesions of the abdominal cavity] Lutsenko SM, et al.

*Khirurgiya* (Moskva) 45:78-84, May 69 (Rus)

[Certain aspects of the surgical treatment of adhesions] Nepokoichitskii EO. *Sovet Med* 33:145-7, Mar 70 (Rus)

[Intraperitoneal administration of fibrinolysin and blood coagulation] Zhenchevskii RA. *Sovet Med* 32:32-6, Dec 69 (Rus)

[Restorative surgery on the face in disfiguring sequelae of leprosy] Daikhes AI.

*Vestn Otorinolaring* 32:40-5, Jan-Feb 70 (Rus)

### THERAPY

Treatment of intrauterine adhesions with the use of intrauterine devices. Danezis J.

*Int J Fertil* 15:14-23, Jan-Mar 70

[Uterine synechiae following abortion (Asherman's syndrome)] Vago O.

*Z Aerzt Fortbild* (Jena) 63:699-702, 1 Jul 69 (Ger)

[Treatment of patients with adhesive otitis media] Avramenko LV, et al.

*Zh Ushn Nos Gori Bolez* 29:103-6, Jan-Feb 69 (Rus)



## VETERINARY

- [Attempts to prevent intrabdominal adhesions following obstetrical laparotomies in cattle by means of polyvinylpyrrolidone] Bostedt H, et al. Berlin Munchen Tieraerztl Wschr 82:429-32, 15 Nov 69 (Ger)

## AESCULUS

- [Pharmacology of aescin-isomers with special reference to alpha-aescin] Hampel H, et al. Arzneimittelforschung 20:209-15, Feb 70 (Ger)  
[Clinical observations in drug treatment of venous diseases of the lower extremities] Panayotopoulos S, et al. Med Mschr 23:556-8, Dec 69 (Ger)

## ADMINISTRATION &amp; DOSAGE

- [Fungistatic effect of aescin on Dermatophytes in vitro] Krause H, et al. Arzneimittelforschung 20:703-5, May 70 (Ger)  
[Ophthalmologic examination on tolerance and therapeutic effect of Visuphrine] Rathke W. Med Mschr 24:125-6, Mar 70 (Ger)  
[Effectiveness of heparinoid-aescin gel] Ludwig H. Med Welt 5:194-6, 31 Jan 70 (Ger)  
[Recent peroral therapy of the varicose symptom complex] Matanić V. Z Haut Geschlechtskr 44:735-41, 15 Sep 69 (Ger)  
[Escine in the treatment of edema in paraplegic patients] Di Pierro A. Minerva Anest 35:233-5, Mar 69 (Ita)

## ANALYSIS

- [Enteral resorption of aescin] Meyer-Bertenrath J, et al. Arzneimittelforschung 20:147-8, Jan 70 (Ger)  
[Chemical composition of horse chestnut seed. IX. Structure and properties of triterpeneglycosides] Wagner J, et al. Arzneimittelforschung 20:205-9, Feb 70 (43 ref.) (Ger)

## BLOOD

- [Enteral resorption of aescin] Meyer-Bertenrath J, et al. Arzneimittelforschung 20:147-8, Jan 70 (Ger)

## DRUG EFFECTS

- [Dexamonosone as a rheuma therapeutic agent] Schopen RD. Munchen Med Wschr 29:1367-70, 17 Jul 70 (Ger)

## METABOLISM

- [Enteral resorption of aescin] Meyer-Bertenrath J, et al. Arzneimittelforschung 20:147-8, Jan 70 (Ger)  
[Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G. Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)

## PHARMACODYNAMICS

- [Studies of brain edema in the rat induced by triethyl tin sulfate. 6. Protective effect of aescin against the triethyl tin sulfate conditioned increase of permeability of blood-brain barrier] Joó F, et al. Arzneimittelforschung 20:863-4, Jun 70 (Ger)  
[Fungistatic effect of aescin on Dermatophytes in vitro] Krause H, et al. Arzneimittelforschung 20:703-5, May 70 (Ger)  
[Regional cerebral blood flow in severe brain damage and its change by aescin studied with xenon 133] Mundinger F, et al. Arzneimittelforschung 19:1123-8, Jul 69 (Ger)  
[Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G. Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)  
[Drug effects on tonicity of veins] Barbey K, et al. Med Klin 64:1503-5, 22 Aug 69 (Ger)

## THERAPEUTIC USE

- [Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G. Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)

- [Studies on the mechanism of the therapeutic and toxic action of the horse chestnut saponin aescin] Vogel G, et al. Arzneimittelforschung 20:699-703, May 70 (Ger)  
[Essaven treatment of varicose veins in pregnancy] Mauss HJ. Med Welt 41:2270-3, 11 Oct 69 (Ger)  
[Wound healing of episiotomies during follow-up therapy using aescin] Tillmanns H, et al. Munchen Med Wschr 111:2410-2, 14 Nov 69 (Ger)  
[Supplemental effect of beta-aescin by vasodilator agents] Schrumpf E. Wien Med Wschr 119:721-2, 18 Oct 69 (Ger)  
[Oral therapy of venous blood circulation disorders from the industrial medical viewpoint] Lotz H. Z Allgemeinmed 45:1174-80, 10 Sep 69 (Ger)  
[Experience with horse chestnut containing medium in the treatment of varicose leg ulcers] Horáček J. Z Haut Geschlechtskr 44:743-6, 15 Sep 69 (Ger)  
[Recent peroral therapy of the varicose symptom complex] Matanić V. Z Haut Geschlechtskr 44:735-41, 15 Sep 69 (Ger)  
[Reparil in the therapy of post-traumatic inflammation of the maxillofacial region] Lorber CG. Zahnärztl Welt 78:973-6, 10 Nov 69 (Ger)  
[Escine in the treatment of edema in paraplegic patients] Di Pierro A. Minerva Anest 35:233-5, Mar 69 (Ita)  
[Emergencies due to spinal injuries and especially of the cervical spine. Possibilities of the use of Escin] Serra GC, et al. Minerva Anest 35:121-8, Feb 69 (Ita)

## TOXICITY

- [Studies on the mechanism of the therapeutic and toxic action of the horse chestnut saponin aescin] Vogel G, et al. Arzneimittelforschung 20:699-703, May 70 (Ger)

## URINE

- [Enteral resorption of aescin] Meyer-Bertenrath J, et al. Arzneimittelforschung 20:147-8, Jan 70 (Ger)

## AFIBRINOGENEMIA

- The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1309-20, Nov 69  
The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1321-30, Nov 69  
Rheology of blood. Errill EW. Physiol Rev 49:863-88, Oct 69 (49 ref.)  
Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoma and with acute myelomonocytic leukemia. Diddisheim P, et al. Thromb Diath Haemorrh 36:Suppl 36:215+, 1969  
Effect of purified Vipera palestinae hemorrhagin on blood coagulation and platelet function. Grotto L, et al. Thromb Diath Haemorrh 22:482-95, 31 Dec 69  
[Afibrinogenemia and dysfibrinogenemia] Fukui H. Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
[Recent trend in hematology] Shimizu M. Naika 25:25-31, Jan 70 (33 ref.) (Jap)  
[Hemorrhage caused by fibrinogen deficiency in the course of an operation] Sadłński C, et al. Przegl Lek 26:561-2, 1970 (Pol)

## BLOOD

- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al. Thromb Diath Haemorrh 23:58-63, 28 Feb 70  
A simplified method for detecting fibrinogen and its derivatives by tanned red cell hemagglutination inhibition immune assay. Matsushima S, et al. Tohoku J Exp Med 99:327-30, Dec 69  
[Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al. Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)

## CHEMICALLY INDUCED

- Hypofibrinogenemia due to L-asparaginase: studies of fibrinogen survival using autologous 131-I-fibrinogen. Bettigole RE, et al. Blood 35:195-200, Feb 70  
[The effect of antiplasmin on afibrinogenemia caused by the intravenous administration of Vipera lebetina venom] Pastorova VE, et al. Biull Eksp Biol Med 68:42-5, Dec 69 (Rus)



# SUBJECT SECTION

## COMPLICATIONS

- Two cases of purpura fulminans. Frederiks E, et al. *Brit J Plast Surg* 23:90-4, Jan 70
- Management of abruptio placentae. Golditch IM, et al. *JAMA* 212:288-93, 13 Apr 70
- Waterhouse-Friderichsen syndrome induced by pneumococcal shock. Grant MD, et al. *JAMA* 212:1373-4, 25 May 70
- Induction of hypotension in rhesus monkeys and rabbits by intravenous thrombin infusion. Whitaker AN, et al. *Lab Invest* 20:79-86, Jan 69
- Post-partum haemorrhage due to constitutional hypofibrinogenemia. Ratten GJ, et al. *Med J Aust* 2:1210-1, 13 Dec 69
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. *New Eng J Med* 283:778-82, 8 Oct 70
- Maternal deaths from hemorrhage due to ruptured uterus and associated afibrinogenemia, with statistical analysis of 75 cases. *Ohio Med J* 65:1240-2, Dec 69
- Hyperproteinemic proteinuria induced by plasma infusion. McLaine PN, et al. *Pediat Res* 3:597-603, Nov 69
- [Maternal death in solutio placentae] Klomp J. *Nederl T Geneesk* 113:2222-4, 6 Dec 69 (Dut)
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. *Kinderaerztl Prax* 37:361-72, Aug 69 (Ger)
- [Protracted massive cerebral hemorrhage in hyperfibrinolytic hypofibrinogenemia] Grote E, et al. *Nervenarzt* 40:385-9, Aug 69 (Ger)
- [Chronic and recurrent edema of the capsular ligament apparatus of the knee joint in disorders of the fibrinolytic system] Glogowski G. *Z Allgemeinmed* 46:336-9, 10 Mar 70 (Ger)
- [Fatal air embolism 3 hours following delivery in severe hypofibrinogenemic uterine hemorrhage] Justus J. *Zbl Gynaek* 91:987-9, 26 Jul 69 (Ger)
- [Considerations on a case of hemophilia associated with hypofibrinogenemia and thrombocytopenia] Petrescu CM, et al. *Med Intern (Bucur)* 20:613-6, May 68 (Rum)
- [Therapeutic approach in the acute defibrination syndrome] Sánchez-Fayos J. *Rev Clin Esp* 111:323-8, 15 Nov 68 (Spa)

## CONGENITAL

- Congenital afibrinogenemia. Report of a case. Agarwal D, et al. *Indian J Pediat* 37:66-8, Feb 70
- Cryoprecipitates in treatment of congenital fibrinogen deficiency. Case report. Hattersley PG, et al. *Transfusion* 9:261-4, Sep-Oct 69
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. *Kinderaerztl Prax* 37:361-72, Aug 69 (Ger)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H. *Jap J Clin Med* 28:2086-91, Aug 70 (16 ref.) (Jap)

## DIAGNOSIS

- Disseminated intravascular coagulation and fibrinolysis. Duffey PH. *Arizona Med* 27:88-9, Apr 70
- Congenital afibrinogenemia. Report of a case. Agarwal D, et al. *Indian J Pediat* 37:66-8, Feb 70
- Evaluation of a rapid method for the determination of plasma fibrinogen. Burmester HB, et al. *J Clin Path* 23:43-6, Feb 70
- The diagnosis and treatment of disseminated intravascular coagulation. Siegel NH, et al. *Med Clin N Amer* 54:555-65, May 70
- Disseminated intravascular coagulation (DIC). Diagnostic and therapeutic aspects. Corrigan JJ Jr. *Med Times* 97:217-23, Nov 69
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. *Kinderaerztl Prax* 37:361-72, Aug 69 (Ger)
- [Protracted massive cerebral hemorrhage in hyperfibrinolytic hypofibrinogenemia] Grote E, et al. *Nervenarzt* 40:385-9, Aug 69 (Ger)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H. *Jap J Clin Med* 28:2086-91, Aug 70 (16 ref.) (Jap)

- [Study of acquired dysfibrinogenemias. I. Importance of the comparative study of 2 methods of determination of fibrinogen for the demonstration of dysfibrinogenemias] Papilian M, et al. *Stud Cercet Med Intern* 10:525-35, 1969 (Rum)

## DRUG THERAPY

- The diagnosis and treatment of disseminated intravascular coagulation. Siegel NH, et al. *Med Clin N Amer* 54:555-65, May 70
- Cryoprecipitates in treatment of congenital fibrinogen deficiency. Case report. Hattersley PG, et al. *Transfusion* 9:261-4, Sep-Oct 69
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. *Bibl Haemat* 32:298-304, 1969 (Ger)
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. *Kinderaerztl Prax* 37:361-72, Aug 69 (Ger)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfelfer GW, et al. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)
- [The effect of antiplasmin on afibrinogenemia caused by the intravenous administration of Vipera lebetina venom] Pastorova VE, et al. *Biull Eksp Biol Med* 68:42-5, Dec 69 (Rus)
- [Effect of intravenous administration of polyvinol on the state of the coagulation and fibrinolytic blood system in hypofibrinogenemia] Chernaia VV. *Probl Gemat* 13:16-9, May 68 (Rus)
- [Use of heparin in afibrinogenemic hemorrhage in a parturient] Repina MA, et al. *Vop Okhr Materin Dets* 15:72-5, Feb 70 (Rus)
- [Application of heparin and epsilon-aminocaproic acid in afibrinogenemic hemorrhage] Grigorian AA. *Zh Eksp Klin Med* 10:80-3, 1970 (Rus)

## ETIOLOGY

- Afibrinogenemia in man following the bite of a rattlesnake (*Crotalus adamanteus*). Weiss HJ, et al. *Amer J Med* 47:625-34, Oct 69
- Hemorrhage and heat stroke. Kessinger A, et al. *Geriatrics* 25:115-8, Jul 70 (18 ref.)
- Cancer and thrombohemorrhagic disease. Roscher AA. *Int Surg* 52:326-8, Oct 69
- The diagnosis and treatment of disseminated intravascular coagulation. Siegel NH, et al. *Med Clin N Amer* 54:555-65, May 70
- Consumptive coagulopathy, shock, and the artificial heart. DeVries WC, et al. *Trans Amer Soc Artif Intern Organs* 16:29-36, 1970
- [A case of maternal death following solutio placentae] Klomp J. *Nederl T Verlosk* 70:33-40, Feb 70 (Dut)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H. *Jap J Clin Med* 28:2086-91, Aug 70 (16 ref.) (Jap)
- [Reflex afibrinogenemia] Lomazova KhD. *Biull Eksp Biol Med* 69:16-9, Jan 70 (Rus)
- [Pathogenesis of hypofibrinogenemia in acute leukosis] Logoida DM. *Probl Gemat* 15:49-51, 1970 (Rus)
- [Fibrinolytic properties of human tissue and pathogenesis of hyperfibrinolysis in thrombohemorrhagic syndrome] Skipetrov VP. *Probl Gemat* 14:36-43, Nov 69 (Rus)
- [Fibrinolytic properties of uterine tissues and pathogenesis of hyperfibrinolysis in obstetrical thrombohemorrhagic syndrome] Skipetrov VP. *Vop Okhr Materin Dets* 14:69-75, Mar 69 (Rus)

## FAMILIAL & GENETIC

- Congenital deficiency of fibrinogen in two sisters. A clinical and haematological study. Dube B, et al. *Acta Haemat (Basel)* 43:120-7, 1970
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al. *Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)

## METABOLISM

- Recovery of fibrinogen in fibrinolytic dogs. Influence



## SUBJECT SECTION

- of split products. Young MC, et al.  
Thromb Diath Haemorrh 23:50-7, 28 Feb 70  
[Therapeutic approach in the acute defibrination syndrome] Sánchez-Fayos J.  
Rev Clin Esp 111:323-8, 15 Nov 68 (Spa)

### MORTALITY

- Maternal mortality. A 20 year study of Tulane Department of Obstetrics and Gynecology at Charity Hospital. Krupp PJ Jr, et al.  
Obstet Gynec 35:823-9, May 70

### PREVENTION & CONTROL

- [The effect of antiplasmin on afibrinogenemia caused by the intravenous administration of Vipera lebetina VENOM] Pastorova VE, et al.  
Biull Eksp Biol Med 68:42-5, Dec 69 (Rus)

### THERAPY

- Disseminated intravascular coagulation (DIC).  
Diagnostic and therapeutic aspects. Corrigan JJ Jr.  
Med Times 97:217-23, Nov 69  
[Experiences in the use of Cohn's fraction I] Beeser H, et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)  
[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
[Therapeutic approach in the acute defibrination syndrome] Sánchez-Fayos J.  
Rev Clin Esp 111:323-8, 15 Nov 68 (Spa)  
[Occurrence of serum hepatitis following the administration of Cohn's fraction I or fibrinogen and antihemophilic globulin (AHG) respectively] Fábryová L, et al. Vnitřní Lek 16:123-6, Feb 70 (Slo)

## AMINOCAPROIC ACID

- Studies in cryofibrinogenemia. Zlotnick A, et al.  
Acta Haemat (Basel) 42:8-17, 1969  
Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Gibiński K, et al. Acta Med Pol 11:97-101, 1970  
Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA.  
Enzymologia 38:57-81, 30 Jan 70  
Determinant specificity of cellular immune responses. Paul WE. Fed Proc 29:224-5, Jan-Feb 70  
Hapten specificity of cellular immune responses as compared with the specificity of serum anti-hapten antibody. Paul WE, et al.  
Immunology 18:921-30, Jun 70  
Effect of diazonium-1H-tetrazole and tetranitromethane on trypsin activity. Muramatsu M, et al. J Biochem (Tokyo) 66:455-62, Oct 69  
Model systems for the study of drug hypersensitivity. I. The specificity of the rabbit anti-aspirin system. Hoffman DR, et al. J Immun 103:655-61, Oct 69  
Binding properties of anti-dinitrophenylated-bacitracin A antibodies produced in guinea pigs. Mancino D, et al.  
J Immun 104:224-9, Jan 70  
Passive cutaneous anaphylactic and Schultz-Dale reactions elicited in guinea pigs by chemically univalent dinitrophenyl-derivatives of bacitracin A and papain. Mancino D, et al. J Immun 103:750-6, Oct 69  
Genetic control of the specificity of anti-DNP antibodies. II. Differences in the specificity of anti-DNP antibody produced by several inbred strains of mice. Paul WE, et al. J Immun 105:314-21, Aug 70  
Immunosuppressive effect of the depletion of circulating lymphocytes by chronic irradiation of the rat spleen. Yoshida T, et al.  
J Immun 104:1111-6, May 70  
Genetic control of the specificity of anti-DNP antibodies. I. Differences in the specificity of anti-DNP antibody produced by mammalian species. Yoshida T, et al. J Immun 105:306-13, Aug 70  
The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T.  
Thromb Diath Haemorrh 23:360-71, 15 Nov 69  
[Stabilization of rat pancreatic hydrolases during

- chromatography] Vandermeers A, et al.  
Arch Int Physiol 77:579-80, Aug 69 (Fre)  
[Epsilon-aminocaproic acid in surgery] Kashin AS.  
Veterinarlia 46:63-4, Jun 69 (Rus)  
[Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)

### ADMINISTRATION & DOSAGE

- Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
EACA and intravascular coagulation. Kazemi H, et al.  
New Eng J Med 281:1247, 27 Nov 69  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zörn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[Quantitative changes in plasmas fibrinogen in women prepared for pregnancy interruption by intravenous injection of EACA] Howorka E, et al.  
Przegl Lek 26:378-90, 18 Mar 70 (Pol)  
[Administration of epsilon-aminocaproic acid (EACA) in the prevention of fibrinolytic hemorrhages associated with the expulsion of the fetus remaining in the uterus after its death] Howorka E, et al.  
Wiad Lek 23:973-7, Jun 70 (Pol)

### ADVERSE EFFECTS

- Epsilon-aminocaproic acid therapy in ulcerative colitis. Salter RH, et al. Gut 11:585-7, Jul 70  
Bleeding patterns after open-heart surgery. Gomes MM, et al. J Thorac Cardiovasc Surg 60:87-97, Jul 70  
EACA and intravascular coagulation. Kazemi H, et al.  
New Eng J Med 281:1247, 27 Nov 69  
EACA and intravascular coagulation. Stewart DG.  
New Eng J Med 281:1247, 27 Nov 69

### PHARMACODYNAMICS

- Tumour growth and spontaneous metastasis spread in two syngeneic systems. Hagmar B.  
Acta Path Microbiol Scand [A] 78:131-42, 1970  
Experimental tumour metastases and blood coagulability. Hagmar B.  
Acta Path Microbiol Scand [Suppl] 211:Suppl 211:5+, 1970  
Studies on the mode of action of alpha-methyldopa. Henning M. Acta Physiol Scand 3-37, 1969 (134 ref.)  
Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S.  
Acta Physiol Scand Suppl 337:1+, 1970  
Effects of epsilon aminocaproic acid (EACA) and Trasylol on thromboplastin-induced intravascular coagulation, studied in dogs with iodine-labelled fibrinogen. Nordström S, et al.  
Acta Physiol Scand 76:93-105, May-Jun 69  
Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. I. Heating by immersion in warm water. Copeland ES.  
Acta Radiol [Ther] (Stockholm) 9:205-24, Jun 70  
A TAME micromethod for the measurement of "esterase prothrombin". Glueck HL, et al.  
Amer J Clin Path 54:239-48, Aug 70  
Inhibition of gastric emptying by endotoxin (bacterial lipopolysaccharide) in conscious rats and modification of this response by drugs affecting the autonomic nervous system. Miert AS van, et al.  
Arch Int Pharmacodyn 184:27-33, Mar 70  
Chlorpromazine photosensitivity in mice: its action spectrum and the effect of anti-inflammatory agents. Hunter JA, et al. Brit J Derm 82:157-68, Feb 70  
Flare and rash reactions in contact allergy of the guinea-pig. Jansen LH, et al.  
Brit J Derm 83:Suppl:48-55, 1970  
Effect of epsilon aminocaproic acid (EACA) on lysis of subcutaneous clots. Marrack D, et al.  
Clin Sci 39:12P, Sep 70  
Comparative studies on the properties of LATS and TSH. Ochi Y, et al. Endocr Jap 17:131-41, Apr 70  
Studies on the fibrinolytic activity in human semen studied by gel filtration. Hisazumi H.  
Invest Urol 7:410-21, Mar 70  
Biological activities of leupeptins. Aoyagi T, et al.  
J Antibiot (Tokyo) 22:558-68, Nov 69  
The binding reactions of antibodies specific for the 2,6-dinitrophenyl group. Little JR, et al.  
J Immun 103:809-17, Oct 69  
C5 chemotactic fragments produced by an enzyme in lysosomal granules of neutrophils. Ward PA, et al.  
J Immun 104:535-43, Mar 70



- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. *J Trauma* 10:287-98, Apr 70
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70
- The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al. *Rev Europ Etud Clin Biol* 15:442-3, Apr 70
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al. *Scand J Clin Lab Invest* 24:383-5, Dec 69
- Pharmacological enhancement and short-term stimulation of blood fibrinolytic activity. Laursen B, et al. *Scand J Haemat* 6:402-8, 1969
- The site of action of oxygen toxicity during in vitro epiphyseal plate growth. Schaffzin EA, et al. *Surg Forum* 20:465-7, 1969
- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al. *Thromb Diath Haemorrh* 22:263-72, 15 Nov 69
- Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD. *Thromb Diath Haemorrh* 23:486-99, 30 Jun 70
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruerk S, et al. *Thromb Diath Haemorrh* 36:Suppl 36:319+, 1969
- Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al. *Thromb Diath Haemorrh* 23:50-7, 28 Feb 70
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Thromboelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protaminsulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al. *Agressologie* 10:65-71, Jan-Feb 69 (Ger)
- [Influence of local anesthetics on the excitation activity of bradykinin on smooth muscle. II. Potentiation of bradykinin contraction in the guinea pig ileum] Wieggershausen B, et al. *Arch Int Pharmacodyn* 182:1-13, Nov 69 (Ger)
- [Autolysis of skin. 1. Effect of a combination of Na-Cu-chlorophyllin and epsilon-aminocaproic acid on residual N liberation and tissue respiration of skin explantates and hydrogen-ion concentration in skin suspensions] Domschke W, et al. *Arzneimittelforschung* 20:149-51, Jan 70 (Ger)
- [Studies on autolysis of the skin. 2. Effect of a combination of Na-Cu-chlorophyllin and epsilon-aminocaproic acid on the extracellular glutamate-oxalacetate-transaminase, lactate dehydrogenase, trypsin and cathepsin activity in explanted pig skin] Domschke W, et al. *Arzneimittelforschung* 20:269-73, Feb 70 (Ger)
- [Studies on the autolysis of the skin. 3. Histological studies on the autolysis of skin explants and their possible modification by Na-Cu-chlorophyllin and epsilon-amino caproic acid] Domschke W, et al. *Arzneimittelforschung* 20:397-9, Mar 70 (Ger)
- [Preservation of explanted skin using Na-Cu-chlorophyllin and epsilon-aminocaproic acid. Clinical and experimental results] Domschke W, et al. *Bruns Beitr Klin Chir* 218:157-64, Apr 70 (Ger)
- [The effect of antifibrinolytic agents on thrombocyte aggregation in vitro and in vivo] Hladovec J. *Folia Haemat (Leipzig)* 92:524-8, 1969 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. *Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)
- [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al. *Folia Haemat (Leipzig)* 92:78-83, 1969 (Ger)
- [The possibility of participation of the Sanarelli-Shwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al. *Radiobiol Radioter (Berlin)* 10:663-71, 1969 (Ger)
- [Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al. *Farmaco [Prat]* 24:552-61, Sep 69 (Ita)
- [Inactivation of adrenocorticotrophic hormone (ACTH). 3. Inactivation of ACTH by tissues] Matsuyama H. *Folia Endocr Jap* 45:181-8, 20 May 69 (Jap)
- [Influence of various drugs on tissue permeability. (4)] Yamagami I, et al. *Folia Pharmacol Jap* 66:19-35, 1970 (Jap)
- [Metabolic effects of anti-proteolytic treatment in experimental endotoxic shock] Buşilă VT, et al. *Fiziol Norm Pat* 16:221-8, May-Jun 70 (Rum)
- [Comparative action of hydrocortisone hemisuccinate and epsilon-aminocaproic acid in experimental endotoxic shock] Buşilă VT, et al. *Med Intern (Bucur)* 22:361-70, Mar 70 (Rum)
- [Antiplasmins] Enache F, et al. *Med Intern (Bucur)* 22:667-76, Jun 70 (17 ref.) (Rum)
- [Research on blood adrenalline changes in experimental endotoxin shock] Buşilă VT, et al. *Stud Cercet Med Intern* 10:453-8, 1969 (Rum)
- [Kininogenase and kininase activity of some snake venoms] Evseeva LF, et al. *Farmakol Toksik* 23:432-4, Jul-Aug 69 (Rus)
- [Inhibitor of fibrinolysis from pancreas pantrypin] Lakin KM, et al. *Farmakol Toksik* 32:712-5, Nov-Dec 69 (Rus)
- [Antiproteolytic properties of nonsteroid anti-inflammatory agents] Trinus FP, et al. *Farmakol Toksik* 32:715-8, Nov-Dec 69 (Rus)
- [Effect of E-aminocaproic acid on the transcapillary exchange of water and proteins in dogs during toxic pulmonary edema (existence of a fibrin layer in the vessels)] Islamov II. *Pat Fiziol Eksp Ter* 13:27-31, Nov-Dec 69 (Rus)
- [Electron microscope studies of thrombocytes of rabbits before and after administration of epsilon-aminocaproic acid] Beznosikova VK, et al. *Probl Gemat* 13:32-7, Jan 68 (Rus)
- [Mechanism of hemostatic effect of epsilon-aminocaproic acid] Kaznacheev VP, et al. *Probl Gemat* 13:36-9, Dec 68 (Rus)
- [Distinctive features characterizing metabolic processes in rabbits kept on a cholesterol-free atherogenic diet and following administration to them of a fibrinolytic activity inhibitor] Apekar' SG, et al. *Vop Pitan* 28:24-9, Nov-Dec 69 (Rus)

## STANDARDS

- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al. *Thromb Diath Haemorrh* 22:263-72, 15 Nov 69

## THERAPEUTIC USE

- Bodily defenses against thrombosis. Takats G de, et al. *Amer J Surg* 120:73-81, Jul 70
- Effects of omega-amino acids and related compounds on staphylococcal infections in mice: a combined prophylactic-therapeutic procedure. Tsuchiya Y, et al. *Appl Microbiol* 19:813-7, May 70
- Chemotherapy of experimental allergic encephalomyelitis (EAE). Rosenthale ME, et al. *Arch Int Pharmacodyn* 179:251-75, Jun 69
- Orthopaedic surgery in bleeders. Ahlberg A. *Bibl Haemat* 34:170-6, 1970
- The effects of trasylol and aminocaproic acid in post-prostatectomy haemorrhage. Pearson BS. *Brit J Urol* 41:602, Oct 69
- Fibrinolysis and menstrual bleeding. *Brit Med J* 1:61-2, 10 Jan 70
- Epsilon-aminocaproic acid therapy in ulcerative colitis. Salter RH, et al. *Gut* 11:585-7, Jul 70
- Histochemical study of the changes in endometrial fibrinolytic activity during treatment of menometrorrhagia with antifibrinolytics. Koutský J, et al. *Gynaecologia (Basel)* 168:241-7, 1969
- Aminocaproic acid for haemophilia. Duncan JC. *J Canad Dent Ass* 35:617, Dec 69
- Use of aminocaproic acid in oral surgery for haemophiliacs. Report of case. Gaum LI. *J Canad Dent Ass* 35:599-602, Nov 69
- Acute fibrinolysis following craniotomy and removal of metastatic tumor of the cerebellum. Case report. MacGee EE, et al. *J Neurosurg* 32:578-80, May 70
- Epsilon-aminocaproic acid in preoperative correction



- of haemostatic defect in cyanotic congenital heart-disease. Gralnack HR. *Lancet* 1:1204-5, 6 Jun 70
- Management of haemophilic haemarthrosis. *Lancet* 1:1376-7, 27 Jun 70
- Is there a place for proteinase inhibition? A review of the literature. Lister GD.
- Postgrad Med J* 45:571-3, Aug 69 (42 ref.)
- Diagnosis and treatment of immediate transfusion reaction. Baker RJ, et al.
- Surg Gynec Obstet* 130:665-72, Apr 70
- [Use of antifibrinolytic agents in obstetrics] Vojta M. *Cesk Gynec* 35:384-6, Jul 70 (Cze)
- [Administration of epsilon-aminocaproic acid in neurosurgery] Petr R, et al. (Cze)
- Cesk Neurol* 32:273-8, Oct 69
- [Post-operative hemorrhage caused by local fibrinolysis] Flament J.
- Arch Ophtal (Paris)* 29:785-94, Nov 69 (Fre)
- [New method for study of cicatrizing treatments based on the production of an experimental wound, which cicatrization is artificially disturbed by local hyperstimulation of granulation tissue. II. Use of subfascial carrageenan pocket for pharmacologic study of certain cicatrizing treatments] Valette G, et al. *Arzneimittelforschung* 19:1121-3, Jul 69 (Fre)
- [Surgery in the hemophilic] Sultan Y. *Bibl Haemat* 34:182-6, 1970 (Fre)
- [The therapy of intravascular blood coagulation disorders in pediatrics] Bruster H. *Bibl Haemat* 32:305-11, 1969 (Ger)
- [Consumption coagulopathy] Holzknecht F. *Deutsch Med Wschr* 95:1277-8, 5 Jun 70 (Ger)
- [Antifibrinolytic agents and their therapeutic use] Fischer M. *Folia Haemat (Leipzig)* 92:64-77, 1969 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [The effect of various drugs in clinical use on thrombocyte functions] Vogel G, et al. *Folia Haemat (Leipzig)* 92:518-23, 1969 (Ger)
- [Effect of fibrinolysis on possible thrombotic disorders] Fürstenberg H, et al. *Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Mechanical and biochemical measures in the prevention of thromboembolism following prostatectomy] Schrader CP. *Langenbecks Arch Chir* 325:1088-90, 1969 (Ger)
- [Hemorrhage and thrombosis prevention in prostatectomy] Vecsey D, et al. *Med Welt* 30:1866-8, 26 Jul 69 (Ger)
- [Panmyelophthisis after acute hepatitis] Mott R, et al. *Munchen Med Wschr* 111:2271-3, 31 Oct 69 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [Combined mechanical and medicinal hemostasis in prostatectomy] Schrader CP, et al. *Urol Int* 24:418-25, 1969 (Ger)
- [The role of vascular factors in acute experimental pancreatitis; therapeutic attempt] Papp M, et al. *Orv Hetil* 111:259-63, 1 Feb 70 (Hun)
- [Therapeutic use of Coagum in the surgery of paranasal sinusitis] Toriyama T, et al. *Otolaryngology (Tokyo)* 42:715-7, Sep 70 (Jap)
- [Epsilon-aminocaproic acid (EACA) in treatment of excessive menstrual bleeding in girls with chronic thrombocytopenia] Rokicka-Milewska R. *Pediat Pol* 45:323-7, Mar 70 (Pol)
- [Fibrinolytic and "consumption" coagulopathy. Therapeutic and clinical remarks] Dyk T. *Pol Tyg Lek* 24:1318-22, 25 Sep 69 (Pol)
- [Conservative treatment of acute pancreatitis (according to data from foreign publications, 1963-1966)] Lashchevker VM. *Khirurgiya (Moskva)* 45:142-9, Mar 69 (165 ref.) (Rus)
- [The effect of hydrocortisone and epsilon-aminocaproic acid on the course of hemorrhagic syndrome in vitamin C deficiency] Oivin VI, et al. *Pat Fiziol Eksp Ter* 13:51-4, Mar-Apr 69 (Rus)
- [Experience in the modelling and therapy of pancreatic collapse] Volkova IN, et al. *Pat Fiziol Eksp Ter* 13:30-3, Jul-Aug 69 (Rus)
- [Mechanism of hemostatic effect of epsilon-aminocaproic acid] Kaznacheev VP, et al. *Probl Gemat* 13:36-9, Dec 68 (Rus)
- [Application of epsilon-aminocaproic acid hydrochloride in hemorrhage in urological patients] Shemetov VD. *Sovet Zdravookhr Kirgiz* 1:82-4, Jan-Feb 70 (Rus)
- [Use of epsilon-aminocaproic acid in the treatment of

- vasomotor rhinitis] Pyndina AM. *Vestn Otorinolaring* 31:82-6, Sep-Oct 69 (Rus)
- [A method of artificial thrombosis of arterial aneurysms using epsilon-aminocaproic acid and other coagulants in addition to regionally retarded circulation (preliminary report)] Khil'ko VA, et al. *Vop Neirokhir* 33:6-11, Jul-Aug 69 (Rus)
- [Application of heparin and epsilon-aminocaproic acid in afibrinogenemic hemorrhage] Grigorian AA. *Zh Eksp Klin Med* 10:80-3, 1970 (Rus)

## ANGIOMA, SCLEROSING

- The nasopharyngeal angiofibroma. Fitzpatrick PJ. *Canad J Surg* 13:228-35, Jul 70
- Soft tissue tumors of the penis. A clinicopathologic study of 46 cases. Dehner LP, et al. *Cancer* 25:1431-47, Jun 70
- The nasopharyngeal angiofibroma. Fitzpatrick PJ. *Folia Haemat (Leipzig)* 92:228-35, 1969
- Sclerosing angioma of pinna. Shah J, et al. *J Laryng* 84:837-41, Aug 70
- Nasopharyngeal angiofibroma of the maxilla: report of case. Perko M, et al. *J Oral Surg* 27:645-8, Aug 69
- [Angiofibroma in adolescents] Despons J. *J Franc Otorhinolaryng* 18:69-72, Feb 69 (Fre)

## CHEMICALLY INDUCED

- Arginase activity in nickel sulfide-induced rat tumors. Hebert GJ, et al. *Cancer* 25:1134-41, May 70

## CLASSIFICATION

- Benign tumors of lung and tracheobronchial tree. Müller DR. *Ann Thorac Surg* 8:542-60, Dec 69 (132 ref.)

## COMPLICATIONS

- Hypophosphatemic osteomalacia associated with "nonendocrine" tumors. Salassa RM, et al. *New Eng J Med* 283:65-70, 9 Jul 70
- [Angioma of the papilla] Thomas C, et al. *Bull Soc Ophtal Franc* 70:141-4, Jan 70 (Fre)
- [Hemoptysis in Rendu-Osler-Weber's disease] Torres J. *Torax* 18:103-5, Jun 69 (Spa)

## DIAGNOSIS

- Angiofibroma clinically indistinguishable from carotid body tumor. A possible embryologic relationship. DeBlanc HJ Jr, et al. *Amer J Surg* 119:743-5, Jun 70
- Two cases of primary carcinoma of the liver in children. Rutten AP, et al. *Arch Chir Neerl* 21:267-76, 1969
- Extranasopharyngeal juvenile angiofibroma—a case report. Pathak PN. *J Laryng* 84:449-51, Apr 70
- [A typical sclerosing hemangiomatosis. Considerations on a case resembling Maffucci's syndrome] Schmidt BJ, et al. *Arch Franc Pediat* 26:213-9, Feb 69 (Fre)
- [99m Technetium pertechnetate for barium photo-scintigraphy] Akerman M. *Presse Med* 78:937-44, 22 Apr 70 (Fre)
- [Hemangiomas] Schnyder UW. *Deutsch Med Wschr* 94:1990-1, 26 Sep 69 (Ger)
- [Visual field defects in brain tumors] Rintelen F. *Ophthalmologica (Basel)* 158:451-68, 1969 (Ger)

## DRUG THERAPY

- Titration of hormone metabolites in cases of nasopharyngeal angiofibroma five years after the operation. Karatay S, et al. *Acta Otolaryng (Stockholm)* 67:97-100, Feb-Mar 69
- The nasopharyngeal angiofibroma. Fitzpatrick PJ. *Canad J Surg* 13:228-35, Jul 70
- The nasopharyngeal angiofibroma. Fitzpatrick PJ. *Folia Haemat (Leipzig)* 92:228-35, 1969
- Nasopharyngeal angiofibroma: light and electron microscopic changes after stilbesterol therapy. Wallke JW, et al. *Laryngoscope* 80:1109-21, Jul 70
- [Angiodysplasias of the hand] Azzolini A. *Minerva Chir* 23:313-31, 15 Apr 68 (Ita)

## ENZYMOLOGY

- Arginase activity in nickel sulfide-induced rat tumors. Hebert GJ, et al. *Cancer* 25:1134-41, May 70



# SUBJECT SECTION

# ANGIOMATOSIS

## ETIOLOGY

Acquired hemangiomas. Wolff MJ.  
Arch Derm (Chicago) 100:501-2, Oct 69

## METABOLISM

Hypophosphatemic osteomalacia associated with "nonendocrine" tumors. Salassa RM, et al.  
New Eng J Med 283:65-70, 9 Jul 70

## PATHOLOGY

Angiofibromatous polyp of the pharynx. Dieter RA Jr, et al. Amer J Dis Child 119:91-3, Jan 70  
Acquired hemangiomas. Wolff MJ.  
Arch Derm (Chicago) 100:501-2, Oct 69  
Arginase activity in nickel sulfide-induced rat tumors. Hebert GJ, et al. Cancer 25:1134-41, May 70  
Extranasopharyngeal juvenile angiofibroma—a case report. Pathak PN. J Laryng 84:449-51, Apr 70  
Sclerosing angioma of pinna. Shah J, et al. J Laryng 84:837-41, Aug 70  
Nasopharyngeal angiofibroma: light and electron microscopic changes after stilbesterol therapy. Walike JW, et al. Laryngoscope 80:1109-21, Jul 70  
Case reports of three teleost neoplasms. Ashley LM, et al. Nat Cancer Inst Monogr 31:157-65, Jul 69  
[A typical sclerosing hemangiomas. Considerations on a case resembling Maffucci's syndrome] Schmidt BJ, et al. Arch Franc Pediat 26:213-9, Feb 69 (Fre)

## RADIOGRAPHY

The pterygopalatine fossa and canal. Potter GD. Amer J Roentgen 107:520-5, Nov 69  
Angiography of the nose and surrounding cavities. Davis DO. Ann Otol 79:579-83, Jun 70  
Angiography of vascular lesions of the face and neck. Walk FS, et al. J Canad Ass Radiol 20:165-75, Sep 69  
[X-ray diagnosis of juvenile angiofibromas of the epipharynx] Litvakovskaja GA.  
Radiol Diagn (Berlin) 10:187-98, 1969 (Ger)  
[The value of roentgenographic examination in the diagnosis of benign tumors and tumor-like formations of the nasopharynx] Shekhter IA, et al.  
Vestn Rentgen Radiol 44:25-33, May-Jun 69 (Rus)  
[Juvenile angiofibroma of the nasopharynx] Smoler J, et al.  
Acta Otorinolaring Iber Amer 20:394-401, 1969 (Spa)

## RADIOTHERAPY

Juvenile nasopharyngeal angiofibroma. A clinical study of 69 cases. Jereb B, et al.  
Acta Radiol [Ther] (Stockholm) 9:302-10, Aug 70  
The nasopharyngeal angiofibroma. Fitzpatrick PJ. Canad J Surg 13:228-35, Jul 70  
The nasopharyngeal angiofibroma. Fitzpatrick PJ. Folia Haemat (Leipzig) 92:228-35, 1969

## SURGERY

Juvenile nasopharyngeal angiofibroma. A clinical study of 69 cases. Jereb B, et al.  
Acta Radiol [Ther] (Stockholm) 9:302-10, Aug 70  
The nasopharyngeal angiofibroma. Fitzpatrick PJ. Canad J Surg 13:228-35, Jul 70  
The nasopharyngeal angiofibroma. Fitzpatrick PJ. Folia Haemat (Leipzig) 92:228-35, 1969  
Further experience using cryosurgery in otolaryngology. Hancikel RW. Int Surg 52:287-9, Oct 69  
Extranasopharyngeal juvenile angiofibroma—a case report. Pathak PN. J Laryng 84:449-51, Apr 70  
The combined otolaryngology-neurosurgery approach to extensive benign tumors. Krekorian EA, et al. Laryngoscope 79:2086-103, Dec 69  
Hypophosphatemic osteomalacia associated with "nonendocrine" tumors. Salassa RM, et al.  
New Eng J Med 283:65-70, 9 Jul 70  
[X-ray diagnosis of juvenile angiofibromas of the epipharynx] Litvakovskaja GA.  
Radiol Diagn (Berlin) 10:187-98, 1969 (Ger)  
[Grant angiofibroma of the dorsum] Kutakov OI, et al. Khirurgia (Moskva) 46:106-8, May 70 (Rus)  
[Removal of angiofibroma of the external nose with simultaneous plastic repair with lyophilized homologous cartilage] Chumakov FI, et al.  
Vestn Otorinolaring 31:89-90, May-Jun 69 (Rus)  
[Approach on removal of juvenile angiofibroma from

the palatoalveolar fossa and retromandibular region] Batiunin IT.  
Zh Ushn Nos Gorl Bolez 27:74-6, Jan-Feb 67 (Rus)  
[Juvenile angiofibroma of the nasopharynx] Smoler J, et al.  
Acta Otorinolaring Iber Amer 20:394-401, 1969 (Spa)

## THERAPY

Juvenile nasopharyngeal angiofibroma. A clinical study of 69 cases. Jereb B, et al.  
Acta Radiol [Ther] (Stockholm) 9:302-10, Aug 70

## URINE

Titration of hormone metabolites in cases of nasopharyngeal angiofibroma five years after the operation. Karatay S, et al.  
Acta Otolaryng (Stockholm) 67:97-100, Feb-Mar 69

## VETERINARY

Case reports of three teleost neoplasms. Ashley LM, et al. Nat Cancer Inst Monogr 31:157-65, Jul 69

## ANGIOMATOSIS

An autopsy case of Klippel-Trenaunay-Weber's disease. Inui M, et al. Acta Path Jap 19:251-63, May 69  
[True syringomyelia and gliomatosis with cavitation in children] Solheid C.  
Acta Neurol Belg 70:269-85, Mar-Apr 70 (Fre)  
[A rare combination of Sturge-Weber syndrome (trigeminal hemangioma) and Klippel-Trenaunay disease] Ioakimides O.  
Stomatologia (Athen) 26:301-7, Sep-Oct 69 (Gre)  
[Three cases of v. Hippel disease] Kojima K, et al. Acta Soc Ophthal Jap 73:2633-48, Dec 69 (Jap)  
[A case of incomplete form of Sturge-Weber syndrome] Oguri M.  
Folia Ophthal Jap 21:304-8, Apr 70 (Jap)  
[Neurocutaneous syndrome] Sagami S.  
Jap J Clin Med 27:2256-9, Sep 69 (Jap)  
[Tumors of the fundus oculi] Isayama Y.  
Ophthalmology (Tokyo) 12:648-57, Aug 70 (Jap)  
[Case of Klippel-Weber syndrome] Omori I, et al. Orthop Surg (Tokyo) 20:1319-22, Nov 69 (Jap)  
[Case of Klippel-Trenaunay syndrome] Taguchi Y, et al. Orthop Surg (Tokyo) 20:992-7, Jul 69 (Jap)  
[Sturge-Weber syndrome] Gazdowska-Nawrocka D, et al. Pol Przegl Radiol 34:305-7, May-Jun 70 (Pol)  
[Mixed form of neuroectomesodermal dysplasia with features of Sturge-Weber and Klippel-Trenaunay syndromes] Kopyś Z, et al.  
Wiad Lek 23:575-9, 1 Apr 70 (Pol)  
[Clinical aspects, diagnosis and therapy of insufficiency of the communicating veins of the lower extremities] Vasiutkov VI.  
Klin Khir (Kiev) 6:53-7, Jun 69 (Rus)

## COMPLICATIONS

Surgical management of orbitofrontal varix in Klippel-Trenaunay-Weber syndrome. Rathbun JE, et al. Amer J Ophthal 70:109-12, Jul 70  
Sturge-Weber syndrome and multiple myeloma. Curth HO. Arch Derm (Chicago) 100:488, Oct 69  
Sturge-Weber syndrome associated with multiple myeloma. Kiely JM, et al.  
Arch Derm (Chicago) 100:63-5, Jul 69  
Cutis marmorata telangiectatica congenita. Petrozzi JW, et al. Arch Derm (Chicago) 101:74-7, Jan 70  
Juvenile retinal detachment. Gailloud C, et al. Bibl Ophthal 79:152-82, 1969 (61 ref.)  
Klippel-Trenaunay syndrome, omental hemangioma with hemorrhage. Komi N, et al.  
Bull Tokyo Med Dent Univ 17:1-7, Mar 70  
Sturge-Weber syndrome—a possible dental complication. Tarsitano JJ, et al.  
Illinois Dent J 39:236-40, Apr 70  
Haemangiomatosis with massive osteolysis. Fornasier VL. J Bone Joint Surg [Brit] 52:444-51, Aug 70  
Splenic angioma with thrombocytopenia. Rochmis PG. New York J Med 70:2133-6, 15 Aug 70  
Two Nigerian children with the Klippel-Trenaunay syndrome. Voorhoeve HW.  
Trop Geogr Med 21:305-10, Sep 69  
[Cirsoid aneurysm of the neck. Retrograde jugulography] Aboulker P, et al.  
Ann Otolaryng (Paris) 86:486-90, Jul-Aug 69 (Fre)



- [A case of Klippel-Trenaunay syndrome associated with venous and lymphatic obstruction] Haven E, et al. *Phlebologie* 23:125-8, Apr-Jun 70 (Fre)
- [Benign epithelial nevus of the mouth mucosa (White sponge nevus)] Dechaume M, et al. *Rev Stomat (Paris)* 70:409-15, Sep 69 (Fre)
- [Anatomo-pathological study of digital hippocratism] Ponchon Y, et al. *Sem Hop Paris* 45:2604-11, 20 Oct 69 (Fre)
- [Recurrences in Lindau's tumors. Observations on 57 cases of hemangioblastomas of the cerebellum] Litzka J. *Acta Neurochir (Wien)* 20:281-98, 1969 (Ger)
- [2 rare variants of the Klippel-Trenaunay syndrome] Dvorsky K, et al. *Derm Mschr* 155:904-8, 1969 (Ger)
- [Unusual Klippel-Trenaunay and Parkes-Weber syndrome with homolateral muscle atrophy] Kortling GW, et al. *Med Welt* 46:2543-4, 15 Nov 69 (Ger)
- [Von Hippel-Lindau disease with spinal symptomatic and double kidney pelvis and ureter] Kartlin P, et al. *Nervenarzt* 40:333-5, Jul 69 (Ger)
- [Bilateral changes in Klippel-Trenaunay-Weber syndrome with malformations in the arterial, venous and lymphatic vascular system] Müller JH, et al. *Radiol Diagn (Berlin)* 10:341-8, 1969 (Ger)
- [The "headache" symptom from the neurologic-neurosurgical viewpoint] Albert HH von. *Z Allgemeinmed* 45:1244-50, 30 Sep 69 (Ger)
- [Surgical of Sturge-Weber syndrome in a child with plexus papilloma of the left lateral ventricle] Hamanaka Y, et al. *Brain Nerve (Tokyo)* 22:99-103, Jan 70 (Jap)
- [Case of Klippel-Weber syndrome with various complications] Nakajima H, et al. *Orthop Surg (Tokyo)* 21:813-8, 1970 (Jap)
- [Klippel-Trenaunay syndrome and acute abdomen--surgical success in the case with hemorrhage from omental angioma] Komi N, et al. *Shujutsu* 24:485-91, Apr 70 (Jap)
- [CRST syndrome (calcinosis cutis-Raynaud's phenomenon-sclerodactylia-telangiectasis)] Ohm OJ. *Nord Med* 83:268-70, 26 Feb 70 (Nor)
- [Melanoblastosis diffusa meninge-cerebralis and Sturge-Weber disease] Gluszc A, et al. *Neuropat Pol* 8:97-108, Jan-Mar 70 (Pol)
- [Sturge-Weber syndrome] Gazdowska-Nawrocka D, et al. *Pol Przegl Radiol* 34:305-7, May-Jun 70 (Pol)
- [Clinical picture and etiology of Sturge-Weber-Crabbe disease] Llanda VA, et al. *Zh Nevropat Psikhiat Korsakov* 69:1572-5, 1969 (Rus)

# CONGENITAL

- Encephalocraniocutaneous lipomatosis. A new example of ectomesodermal dysgenesis. Haberland C, et al. *Arch Neurol (Chicago)* 22:144-55, Feb 70
- Two Nigerian children with the Klippel-Trenaunay syndrome. Voorhoeve HW. *Trop Geogr Med* 21:305-10, Sep 69
- [Congenital angiodysplasia] Fröhlich G. *Med Klin* 64:1585-8, 5 Sep 69 (Ger)
- [Hereditary angiomatosis with predominant lesion of the nervous system. 1. Sturge-Weber syndrome] Badalian LO, et al. *Pediatrilia* 48:77-82, Sep 69 (Rus)
- [Congenital malformation of the vessels of extremities in children] Terštianska G, et al. *Bratisl Lek Listy* 52:459-63, Oct 69 (Slo)

# DIAGNOSIS

- Extension of the head for orbital scanning in proptosis. Kramer SG, et al. *Amer J Ophthal* 69:284-96, Feb 70
- Sturge-Weber syndrome. Wilkins RH, et al. *Arch Neurol (Chicago)* 21:554-6, Nov 69
- Vascular malformations simulating salivary disease. Dempsey EF, et al. *Brit J Plast Surg* 23:77-84, Jan 70
- Von Hippel-Lindau disease. A chromosomal study. Jain IS, et al. *J All India Ophthal Soc* 17:1-7, Feb 69
- Thermography in vascular disorders affecting the brain. Gross M, et al. *J Neurol Neurosurg Psychiat* 32:484-9, Oct 69
- [A typical sclerosing hemangiomatosis. Considerations on a case resembling Maffucci's syndrome] Schmidt BJ, et al. *Arch Franc Pediat* 26:213-9, Feb 69 (Fre)
- [Medullary angiomatosis, segmentary or generalized vascular dysplasias and phakomatosis] Djindjian R, et al. *Rev Neurol (Paris)* 121:109-11, Jul 69 (Fre)
- [Clinical picture, pathology and differential diagnosis of cerebral angioloblastomas] Neller K, et al. *Acta Neurochir (Wien)* 21:227-52, 1969 (Ger)
- [Eye changes in the Klippel-Trenaunay-Weber

- syndrome] Nover A. *Ber Deutsch Ophth Ges* 69:153-6, 1969 (Ger)
- [Hemangiomas] Schnyder UW. *Deutsch Med Wschr* 94:1990-1, 26 Sep 69 (Ger)
- [Erlangen dermatology meeting]
- Z Haut Geschlechtskr* 44:Suppl:105-14, 1 Aug 69 (Ger)
- [A case of incomplete form of Sturge-Weber syndrome] Oguri M. *Folia Ophthal Jap* 21:304-3, Apr 70 (Jap)
- [Acute abdomen in a child--diagnosis and diagnostic errors] Komi N. *Shujutsu* 24:1024-36, Aug 70 (53 ref.) (Jap)
- [Clinical picture and etiology of Sturge-Weber-Crabbe disease] Llanda VA, et al. *Zh Nevropat Psikhiat Korsakov* 69:1572-5, 1969 (Rus)

# DRUG THERAPY

- [The clinical picture of spinal angiomatosis] Steimbacher W, et al. *Nervenarzt* 40:137-40, Mar 69 (Ger)

# ETIOLOGY

- [Clinical picture and etiology of Sturge-Weber-Crabbe disease] Llanda VA, et al. *Zh Nevropat Psikhiat Korsakov* 69:1572-5, 1969 (Rus)

# FAMILIAL & GENETIC

- Von Hippel-Lindau disease. A chromosomal study. Jain IS, et al. *J All India Ophthal Soc* 17:1-7, Feb 69
- Angiomatosis retinae (von Hippel's disease). Grizzard HT, et al. *J Tenn Med Ass* 63:34-6, Jan 70
- [Meningo-cerebral angiomatosis in the newborn] Vuia O, et al. *Stud Cercet Neurol* 15:69-75, 1970 (Rum)

# HISTORY

- Sturge-Weber syndrome. Wilkins RH, et al. *Arch Neurol (Chicago)* 21:554-6, Nov 69

# OCCURRENCE

- Klippel-Trenaunay syndrome in Vietnam. Palmer G, et al. *Med J Aust* 2:1212-3, 13 Dec 69
- [Clinical and statistical observation of epulis patients seen in our hospital in recent 6 years] Chang P. *Odontology (Tokyo)* 58:212-21, Jun 70 (Jap)

# PATHOLOGY

- Inflammatory angiomatous nodules with abnormal blood vessels occurring about the ears and scalp (pseudo or atypical pyogenic granuloma). Jones EW, et al. *Brit J Derm* 81:804-16, Nov 69
- A case of Kaposi's sarcoma. Attygalle D, et al. *Ceylon Med J* 14:196-9, Dec 69
- Haemangiomatosis with massive osteolysis. Fornasier VL. *J Bone Joint Surg [Brit]* 52:444-51, Aug 70
- Klippel-Trenaunay syndrome in Vietnam. Palmer G, et al. *Med J Aust* 2:1212-3, 13 Dec 69
- [A typical sclerosing hemangiomatosis. Considerations on a case resembling Maffucci's syndrome] Schmidt BJ, et al. *Arch Franc Pediat* 26:213-9, Feb 69 (Fre)
- [The clinical picture of spinal angiomatosis] Steimbacher W, et al. *Nervenarzt* 40:137-40, Mar 69 (Ger)
- [Marchionini memorial lecture. The sick leg from the viewpoint of dermatology] (Marchionini A), Götz H. *Z Haut Geschlechtskr* 44:595-608, 15 Sep 69 (Ger)
- [Pictorial demonstration of rare leg diseases] Tappeiner J, et al. *Z Haut Geschlechtskr* 44:781-8, 15 Sep 69 (Ger)
- [A case of incomplete form of Sturge-Weber syndrome] Oguri M. *Folia Ophthal Jap* 21:304-3, Apr 70 (Jap)
- [Melanoblastosis diffusa meninge-cerebralis and Sturge-Weber disease] Gluszc A, et al. *Neuropat Pol* 8:97-108, Jan-Mar 70 (Pol)
- [Various benign angiomatous formation developing later] Piñol Aguado J, et al. *Actas Dermosif (Madrid)* 60:201-30, Jul-Aug 69 (Spa)

# RADIOGRAPHY

- Selective spinal cord arteriography in cord compression by tumour. Djindjian R. *Proc Roy Soc Med* 63:181-3, Feb 70
- [Von Hippel-Lindau disease, cancer of the head of the



## SUBJECT SECTION

- pancreas, hypoglycemic islet cell adenoma. Comparison of tumor radiologic aspects of angiomatous nature revealed by selective arteriography] Legré J, et al. (Fre)  
*Presse Med* 76:1911-4, 23 Oct 68  
 [Angiographic findings in Klippel-Trenaunay-Weber syndrome] Müller JH, et al. (Ger)  
*Fortschr Roentgenstr* 110:540-52, Apr 69  
 [Congenital angiodysplasia] Fröhlich G. (Ger)  
*Med Klin* 64:1585-8, 5 Sep 69

### RADIOTHERAPY

- [The determination of the energy density necessary to obtain retinal photocoagulation] Dubois-Poulsen A, et al. *Docum Ophthalmol* 26:698-710, 1989 (Fre)

### SURGERY

- Late complications of hemispherectomy: report of a case relieved by surgery. Mathew NT, et al. *J Neurol Neurosurg Psychiatr* 33:372-5, Jun 70  
 The treatment of ophthalmic vascular disease by argon laser photocoagulation. L'Esperance FA Jr. *Trans Amer Acad Ophthalmol Otolaryng* 73:1077-96, Nov-Dec 69  
 The use of cryosurgery in the treatment of fundus lesions other than detachments. Welch RB. *Trans Amer Acad Ophthalmol Otolaryng* 73:1035-40, Nov-Dec 69  
 [Von Hippel-Lindau disease, cancer of the head of the pancreas, hypoglycemic islet cell adenoma. Comparison of tumor radiologic aspects of angiomatous nature revealed by selective arteriography] Legré J, et al. (Fre)  
*Presse Med* 76:1911-4, 23 Oct 68  
 [Venous abnormalities and extravascular flow obstructions] Vollmar J. (Ger)  
*Langenbecks Arch Chir* 325:862-9, 1969  
 [The clinical picture of spinal angiomatosis] Steinhilber W, et al. (Ger)  
*Nervenarzt* 40:137-40, Mar 69  
 [Angiodysplasias of the hand] Azzolini A. (Ita)  
*Minerva Chir* 23:313-31, 15 Apr 68  
 [Klippel-Trenaunay syndrome and acute abdomen--surgical success in the case with hemorrhage from omental anglioma] Komi N, et al. (Jap)  
*Shujutsu* 24:485-91, Apr 70

### ANTICOAGULANTS

- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. *Acta Physiol Scand Suppl* 337:1+, 1970  
 Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. *Amer J Dis Child* 119:365-9, Apr 70  
 Tabular compilation of drug interactions. Hussar DA. *Amer J Pharm* 141:109-56, Jul-Aug 69  
 Open chest pulsatile left-heart bypass without anticoagulation. An experimental study. Serres EJ, et al. *Arch Surg (Chicago)* 101:18-20, Jul 70  
 Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE. *Bibl Haemat* 34:97-103, 1970  
 The proteolytic action of arvin on human fibrinogen. Ewart MR, et al. *Biochem J* 115:17P, Nov 69  
 Factors influencing the absorption spectrum of vertebrate hemoglobin in solution. Cameron BF, et al. *Biochim Biophys Acta* 194:16-24, 11 Nov 69  
 Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69  
 The composition of the 'shite emboli' following topical application of A.D.P. and Liquid to the hamster cheek-pouch. Brown LJ, et al. *Biorheology* 6:261-2, Jan 70  
 Recurrence of thromboembolic disease after discontinuing anticoagulant therapy. A study of factors affecting incidence. Michaels L. *Brit Heart J* 32:359-64, May 70  
 The effect of aflatoxin on blood clotting in the rat. Bababunmi EA, et al. *Brit J Pharmacol* 37:497-500, Oct 69  
 Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 Surreptitious ingestion of oral anticoagulants. Greidanus TH, et al. *Henry Ford Hosp Med J* 18:99-106, Summer 70  
 Oral anticoagulants--their interactions. Hussar DA. *J Amer Pharm Ass* 10:78-82 passim, Feb 70 (73 ref.)  
 Clinical evaluation of a new hypolipidemic drug, CIBA 13,437-Su. Hartmann G, et al. *J Atheroscler Res* 10:235-46, Sep-Oct 69  
 Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al. *J Clin Invest* 49:1578-88, Aug 70  
 Modification of plasma fibrinogen method. Ellis BC. *J Clin Path* 23:374-5, May 70  
 Estimation of platelet adhesiveness on whole blood and platelet-rich plasma. Shaw S, et al. *J Clin Path* 23:144-8, Mar 70  
 In vitro inhibition of glycolysis in blood and its effect on the haematocrit. Anderson DM. *J Comp Path* 79:525-35, Oct 69  
 Use of dextran sulphate in the demonstration of bacteria in blood (preliminary report). Potužnik V. *J Hyg Epidem (Praha)* 14:121-2, 1970  
 The effect of fumaropimaric acid on delayed hypersensitivity and cutaneous Forssman reactions in the guinea pig. Feinman L, et al. *J Immun* 104:1401-5, Jun 70  
 Effect of blood-bank storage on leucocyte function. McCullough J, et al. *Lancet* 2:1333-7, 20 Dec 69  
 Effect of other drugs on oral anticoagulants. Awalt LF. *Maryland Med J* 18:103-4, Oct 69  
 The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. *New Eng J Med* 282:1448-51, 25 Jun 70  
 Rheology of blood. Errill EW. *Physiol Rev* 49:863-88, Oct 69 (49 ref.)  
 The activator time. A method for control of activator activity during thrombolytic therapy. Bilx S. *Scand J Haemat* 6:221-6, 1969  
 Coagulation inhibitor elicited by thrombin. Marcinak E. *Science* 170:452-3, 23 Oct 70  
 Elimination of error in hematocrit produced by excessive EDTA. Experience with the Coulter Counter Model S. Brittin GM, et al. *Techn Bull Regist Med Techn* 39:246-9, Nov 69  
 Autologous fascia lata for heart valve replacement. Ionescu MI, et al. *Thorax* 25:46-56, Jan 70  
 Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G. *Thromb Diath Haemorrh* 36:Suppl 36:45-61, 1969  
 Influence of spirinolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al. *Thromb Diath Haemorrh* 23:562-8, 30 Jun 70  
 Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al. *Thromb Diath Haemorrh* 36:Suppl 36:269+, 1969  
 Hemoglobin function of blood stored at 4°C in ACD and CPD with adenine and inosine. Dawson RB Jr, et al. *Transfusion* 10:113-20, May-Jun 70  
 Complement preservation in citrated human blood. Reich ML, et al. *Transfusion* 10:14-6, Jan-Feb 70  
 Recovery of glycerolized red blood cells frozen in liquid nitrogen. Runck AH, et al. *Transfusion* 9:297-305, Nov-Dec 69  
 The hemoglobin function of blood stored at 4 degrees C. Rep. No 836. Dawson RB Jr, et al. *US Army Med Res Lab* 1-11, 1 Oct 69  
 Value of adenine, various nucleosides, and ouabain in maintenance of integrity of red blood cells under blood bank conditions. Otake K, et al. *Vox Sang* 17:375-92, Nov 69  
 [Severe rarefaction of punctuated erythrocytes in saturnism caused by some anticoagulants] Desoille H, et al. *Arch Mal Prof* 31:230-6, Apr-May 70 (Fre)  
 [Radiochromatographic determination of adenosine deaminase in plasma] Chivot JJ, et al. (Fre)  
*Clin Chim Acta* 27:241-50, Feb 70  
 [Tooth extractions and anticoagulants] Coronel. *Inform Dent* 52:3099-100, 16 Jul 70 (Fre)  
 [Study of the ultrastructure of human leukocytes by freeze-etching] Kriz JJ. *Nouv Rev Franc Hemat* 9:449-60, Jul-Aug 69 (Fre)  
 [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. (Fre)  
*Path Europ* 4:Suppl 1:9-286, 1969  
 [Venous thrombosis and tetanus] Villey R. (Fre)  
*Phlebologie* 23:141-5, Apr-Jun 70  
 [Electrokinetic effects in the blood suspension. I. Elementary theoretical aspects. Modifications during preservation. Study on the isoelectric point for



## SUBJECT SECTION

- erythrocytes and blood platelets] Stoltz JF, et al. *Rev Franc Transfus* 12:409-21, Dec 69 (Fre)
- [Oral anticoagulants: vitamin K] Wehrlin N. *Rev Infirm Assist Soc* 20:293-8, Mar 70 (Fre)
- [The great hemorrhagic diatheses] Paccalin J. *Rev Odontostomat Midi France* 27:58-74, 1969 (Fre)
- [Physical and chemical properties and pharmacological and toxicological study of potassium hydrodextran sulphate] Parés J, et al. *Therapie* 24:1071-87, Nov-Dec 69 (Fre)
- [The macrocytic regeneration of erythropoiesis. Animal experimental studies on phenylhydrazine hemolysis] Becker H, et al. *Acta Haemat (Basel)* 43:144-71, 1970 (Ger)
- [A human plasma fraction (PPSB) enriched with the coagulation factors II, VII, IX and X] Richter K. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)
- [Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)
- [Extracorporeal circulation with Edgucate blood] Neef H. *Thoraxchirurgie* 18:128-34, Apr 70 (Ger)
- [Marcumar therapy and dental surgery] Hoppe W. *Zahnärztl Welt* 78:977-9, 10 Nov 69 (Ger)
- [Research on substances with antiviral action: carbamates, thiosemicarbazones and semicarbazones of cyclic alpha-oxyiminoketones] Giannella M, et al. *Farmaco [Sci]* 25:509-18, Jul 70 (Ita)
- [Various syntheses of therapeutic interest in the coumarin and chromone series] Mesnard P. *Farmaco [Sci]* 25:57-83, Jan 70 (Ita)
- [Problems of dental surgery in patients with hemorrhagic diathesis, or patients subjected to anticoagulant therapy] Catapano B, et al. *Riv Ital Stomat* 24:1182-96, Nov 69 (Ita)
- [Preparation for blood coagulation tests] Ukita M. *Jap J Clin Path* 16:Suppl 16:29-34, 1969 (Jap)
- [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)
- [Bases, observations and results in the treatment of occlusive arterial diseases of the lower limbs] Ayas E, et al. *Prensa Med Argent* 56:1820-4, 28 Nov 69 (Spa)
- [Coagulation and hemostasis] Santos F. *Rev Brasil Anest* 19:153-63, Apr-Jun 69 (Spa)

### ADMINISTRATION & DOSAGE

- A unified method for regional anticoagulation of blood. Durie MD, et al. *Amer J Surg* 120:341-5, Sep 70
- Anticoagulants in acute myocardial infarction: the last (?) word. Wasserman AJ. *Ann Intern Med* 71:855-6, Oct 69
- Hemorrhagic skin infarction secondary to oral anticoagulants. Everett ED, et al. *Arch Derm (Chicago)* 100:588-91, Nov 69
- Recurrence of thromboembolic disease after discontinuing anticoagulant therapy. A study of factors affecting incidence. Michaels L. *Brit Heart J* 32:359-64, May 70
- Long-term anticoagulant treatment after myocardial infarction. *Brit Med J* 1:514-5, 28 Feb 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Inhibition of experimental tumours by defibrinogenation. Austin JP, et al. *Clin Sci* 37:878, Dec 69
- Vitamin K deficiency in the elderly. Hazell K, et al. *Geront Clin (Basel)* 12:10-7, 1970
- Prophylactic anticoagulation in fractures. Castle ME, et al. *J Bone Joint Surg [Amer]* 52:521-8, Apr 70
- Prophylactic anticoagulation in fractures. Castle ME, et al. *J Bone Joint Surg [Brit]* 52:521-8, Apr 70
- The system for laboratory control of oral anticoagulant therapy using the British comparative thromboplastin. Thomson JM, et al. *J Med Lab Techn* 27:207-12, Apr 70
- Pregnancy following insertion of cardiac valve prostheses: a review and further case report. Macdonald HN. *J Obstet Gynaec Brit Comm* 77:603-9, Jul 70
- Control of long-term anticoagulant treatment. Loeliger EA, et al. *Lancet* 1:894, 25 Apr 70
- Control of anticoagulant treatment. Nour-Eldin F. *Lancet* 2:1362, 20 Dec 69
- Collaborative analysis of long-term anticoagulant administration after acute myocardial infarction. An international anticoagulant review group. *Lancet* 1:203-9, 31 Jan 70

- Long-term anticoagulants after acute myocardial infarction. *Lancet* 1:226-7, 31 Jan 70
- Control of anticoagulant treatment. *Lancet* 2:990-1, 8 Nov 69
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. *New Eng J Med* 282:1448-51, 25 Jun 70
- Drug therapy. V. Oral anticoagulant therapy. Holcenberg JS, et al. *Northwest Med* 69:421-4, Jun 70
- The operative umbrella of drugs. I. James DG. *Nurs Times* 66:587-8, 7 May 70
- Treatment of deep vein thrombosis. Kakkar VV. *Proc Roy Soc Med* 63:133-5, Feb 70
- Pulmonary embolization following inferior vena caval interruption. Jackson DR, et al. *Vasc Surg* 3:129-37, Sep 69
- [The dilemma of anticoagulant therapy in coronary heart disease] Loeliger EA. *Nederl T Geneesk* 114:1223, 18 Jul 70 (Dut)
- [The dilemma of anticoagulant therapy in coronary heart disease] Visser J. *Nederl T Geneesk* 114:1221-3, 18 Jul 70 (Dut)
- [Problems raised by emergency treatment of recent myocardial infarct] Clémenty J. *Bordeaux Med* 3:1365-72, May 70 (Fre)
- [Reflections on anticoagulant treatment experience in medico-surgical resuscitation] Picard P, et al. *Cah Anesth* 17:417-28, May-Jun 69 (Fre)
- [Value and place of an anti-inflammatory medical treatment in the prevention of postoperative venous thrombosis] Devic G, et al. *Lyon Chir* 66:254-6, Jul-Aug 70 (Fre)
- [Primary thrombosis of the deep veins of the arm] Beerstecher HJ. *Phlebologie* 23:69-71, Jan-Mar 70 (Fre)
- [Puerperal psychoses] Morin P, et al. *Phlebologie* 23:17-9, Jan-Mar 70 (Fre)
- [Prevention of thrombo-embolic complications (100 patients with hip surgery)] Touzard RC. *Sem Hop Paris* 45:2481-3, 8 Oct 69 (Fre)
- [The dilemma of anticoagulant therapy in coronary heart disease] Loeliger EA. *Ther Umsch* 27:157-61, Mar 70 (30 ref.) (Fre)
- [Anticoagulant therapy of myocardial infarct] Schmutzler R. *Deutsch Med Wschr* 95:240, 30 Jan 70 (Ger)
- [Clinical evaluation of anticoagulants] Koller F. *Internist (Berlin)* 10:8-15, Jan 69 (35 ref.) (Ger)
- [Permanent anticoagulant therapy and heparin administration in long-term dialysis] Froese P. *Klin Wschr* 47:1111-2, 15 Oct 69 (Ger)
- [Lethal pulmonary embolism in traumatology. 2 years' results with the administration of the anticoagulant Sintrom] Schlag G, et al. *Zbl Chir* 94:320-38, 1969 (Ger)
- [On the effects of anticoagulant for ocular hemorrhage] Arisawa M. *Folia Ophthal Jap* 21:119-23, Feb 70 (Jap)
- [Regional perfusion in the treatment of acute phlebothrombosis] Lebedeva GK, et al. *Khirurgia (Moskva)* 45:103-7, Jun 69 (Rus)
- [Infusion of drugs into the internal thoracic artery as a method of treating acute myocardial infarct] Neimark II, et al. *Khirurgia (Moskva)* 46:37-43, Jan 70 (Rus)
- [Treatment of angina pectoris] Shnitser IS. *Klin Med (Moskva)* 48:144-50, Jan 70 (Rus)

### ADVERSE EFFECTS

- Various aspects of thrombolysis and fibrinolysis. Szirmai E. *Acta Med Okayama* 23:429-47, Oct 69
- Hemothorax. A complication of anticoagulant therapy. Hamaker WR, et al. *Ann Thorac Surg* 8:564-9, Dec 69
- Hemorrhagic skin infarction secondary to oral anticoagulants. Everett ED, et al. *Arch Derm (Chicago)* 100:588-91, Nov 69
- Latent mediastinal tamponade after open-heart surgery. Hill JD, et al. *Arch Surg (Chicago)* 99:808-14, Dec 69
- Aortic valve replacement: a follow-up. Charles RG, et al. *Bristol Medicochir J* 84:185-9, Oct 69
- Pharmacology for the dental practitioner. Drug interactions, drug-induced diseases and drugs in pregnancy (continued). Walton JG, et al. *Brit Dent J* 127:421-3, 4 Nov 69
- Abdominal emergencies and anticoagulation. *Brit Med J* 1:706, 21 Mar 70
- Long-term anticoagulant treatment after myocardial infarction. *Brit Med J* 1:514-5, 28 Feb 70
- Some aspects of the pharmacology of oral



## SUBJECT SECTION

- anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 The significance of the Lian-Siguler-Weitl syndrome for clinical practice. Brücknerová O.  
*Cor Vasa* 12:164-7, 1970
- Nonmechanical causes of surgical bleeding. Silver D, et al.  
*Curr Probl Surg* 1-51, Jan 70 (114 ref.)
- Breast-feeding and anticoagulant therapy. Eckstein HB, et al. *Lancet* 1:672-3, 28 Mar 70
- Carbenicillin-induced coagulopathy. Lurie A, et al. *Lancet* 1:1114-5, 23 May 70
- Transient visual obscurations in chronic rheumatic heart-disease. Swash M, et al. *Lancet* 2:323-6, 15 Aug 70
- Streptokinase therapy in acute major pulmonary embolism. Chesterman CN, et al.  
*Med J Aust* 2:1096-100, 29 Nov 69
- Acquired coagulation-factor deficiencies. Hocking DR.  
*Med J Aust* 1:657-9, 28 Mar 70
- Commonly used drugs adversely affecting nervous system. Green D. *New York J Med* 70:2444-7, 1 Oct 70
- Anticoagulant therapy in coronary ischemic disease. Jaffe HL. *New York J Med* 70:1766-9, 1 Jul 70 (30 ref.)
- Subdural hematoma during hemodialysis. Stein MF Jr, et al. *New York J Med* 70:2022-4, 1 Aug 70
- Perforal nerve and root lesions developing as a result of haematoma formation during anticoagulant treatment. Parkes JD, et al.  
*Postgrad Med J* 46:146-8, Mar 70
- Adrenal hemorrhage associated with anticoagulant therapy. Markle CD, et al.  
*Southern Med J* 63:526-9, May 70
- Significant complications of anticoagulant therapy. Macon WL, et al. *Surgery* 68:571-82, Sep 70 (93 ref.)
- Anticoagulant induced intramural hematoma of the small intestine. Schachner SH, et al.  
*Virginia Med Monthly* 96:717-9, Dec 69
- [Diagnosis of the chronic subdural hematoma in adults] Ugeskr Laeg 132:279-80, 5 Feb 70 (Dan)
- [Spinal arachnoid blood clot as a complication following lumbar puncture in the course of anticoagulant therapy] Joosten EM, et al.
- Nederl T Geneesk 114:1364-6, 15 Aug 70 (Dut)
- [Prophylaxis of postoperative thromboembolic disease: heparinate or heparinoid? 1000 cases] Malavaud A, et al.
- Anesth Analg (Paris) 27:225-35, Mar-Apr 70 (Fre)
- [Error in the management of anticoagulant treatments which may explain various failures] Bourde C. *Angiologie* 21:359-60, Nov-Dec 69 (Fre)
- [Spontaneous hematoma of adrenal glands in adults] Loire R, et al.  
*Ann Anat Path (Paris)* 14:441-8, Oct-Dec 69 (Fre)
- [Is it necessary to continue anticoagulant treatment over a long period? I. Its dangers] Audier M, et al. *Bull Acad Nat Med (Paris)* 153:274-9, 1969 (Fre)
- [Current aspects of the concept of thrombocytopathy] Parreira F, et al.
- Cah Coll Med Hop Paris 10:1183-90, 30 Nov 69 (Fre)
- [Cardio-vascular pathology]
- Cah Coll Med Hop Paris 10:1367-84, 30 Dec 69 (Fre)
- [Neurological complications of anticoagulant therapy] Rouzaud M, et al. *Cah Med* 11:351-62, Apr 70 (Fre)
- [Abdominal complications of anticoagulants (2 cases of hemoperitoneum)] Neidhardt JH, et al.  
*Lyon Med* 223:810-1, 12 Apr 70 (Fre)
- [Hazards of anticoagulants as viewed by the gastroenterologist] Lebreton JM.  
*Maroc Med* 49:828-30, Nov 69 (Fre)
- [Hazards of anticoagulants as viewed by the neurologist] Tournoux M.  
*Maroc Med* 49:823-5, Nov 69 (Fre)
- [The attitude of the neurologist in face of anticoagulant treatment] Gully P, et al.  
*Phlebologie* 23:3-10, Jan-Mar 70 (Fre)
- [A case of crural paralysis that appeared during anticoagulant treatment] Messimy R, et al.  
*Phlebologie* 23:11-3, Jan-Mar 70 (Fre)
- [Epistaxis] Doncleux D, et al.  
*Presse Med* 77:2091-5, 25 Dec 69 (Fre)
- [The practitioner in the face of hematuria] Jardin A.  
*Presse Med* 78:1513-5, 11 Jul 70 (Fre)
- [Current concepts on the anticoagulant therapy] Thibault P. *Presse Med* 78:127-8, 17 Jan 70 (Fre)
- [Vascular lesion of the small intestine in a patient treated with anticoagulants] Monnoyer JF, et al. *Rev Med Liege* 24:728-31, 15 Oct 69 (Fre)
- [Disorders of hemostasis] Lasch HG.  
*Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Ileus of the small bowel due to macumar therapy] Stäcker AD, et al.
- Bruns Beitr Klin Chir 218:39-43, Feb 70 (Ger)
- [Venous thrombosis and pulmonary embolism--prophylaxis and therapy] Knothe W. *Chirurg* 40:501-6, 11 Nov 69 (Ger)
- [Bases, technic and problems of artificial circulations] Baudach H, et al.  
*Deutsch Gesundh* 24:97-103 contd, 16 Jan 69 (Ger)
- [Drug induced alopecia] Ippen H.  
*Deutsch Med Wschr* 95:1411-6, 26 Jun 70 (62 ref.) (Ger)
- [Atypical massive intracerebral hemorrhage] Grote E, et al. *Deutsch Z Nervenheilk* 197:66-76, 29 Dec 69 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. *Geburtsh Frauenheilk* 30:337-47, Apr 70 (Ger)
- [For and against the anticoagulants--for and against thrombolysis] Gross R.  
*Internist (Berlin)* 10:1-2, Jan 69 (Ger)
- [Clinical evaluation of anticoagulants] Koller F.  
*Internist (Berlin)* 10:8-15, Jan 69 (35 ref.) (Ger)
- [Realization of nonocular dangers resulting from general medical therapy in ocular affections] Rintelen F, et al.
- Klin Mbl Augenheilk 156:206-10, Feb 70 (Ger)
- [Anticoagulant therapy. II. (Possibilities and limits)] Fischer M. *Med Welt* 14:620-6, 4 Apr 70 (Ger)
- [Drugs, drug dependence and traffic safety. Psychophysical capacity under the influence of drugs and their effect on traffic] Döckert B.  
*Pharm Prax* 1:1-6, 1970 (56 ref.) (Ger)
- [Anticoagulants. 43] Striegler G.  
*Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)
- [Liver damage by Marcumar] Wlontzek H.  
*Ther Gegenw* 108:1614 passim, Nov 69 (Ger)
- [Intracranial hemorrhage as complication of long-term treatment with anticoagulants] Moormann JG.  
*Zbl Chir* 94:621-6, 3 May 69 (Ger)
- [Lethal pulmonary embolism in traumatology. 2 years' results with the administration of the anticoagulant Sintrom] Schlag G, et al. *Zbl Chir* 94:320-38, 1969 (Ger)
- [General postoperative thrombosis prevention using anticoagulants] Hochuli E, et al.  
*Zbl Gynaek* 91:1211-8, 13 Sep 69 (Ger)
- [Intramural intestinal hemorrhage following anticoagulant therapy] Ján H, et al.  
*Orv Hetil* 111:2005-7, 23 Aug 70 (Hun)
- [Current aspects of the concept of thrombocytopathy] Parreira F, et al.
- Minerva Med 60:5319-27, 26 Dec 69 (Ita)
- [The hemorrhagic diseases reflected in dental practice] Vichi F, et al.  
*Riv Ital Stomat* 24:1253-92, Dec 69 (89 ref.) (Ita)
- [Is hemorrhagic complication possible in administration of anticoagulants in the presence of high prothrombin level?] Kushelevskii BP.  
*Ter Arkh* 41:111-2, Apr 69 (Rus)
- [Characteristics of the action of medicinal substances on the fetus at various periods of intrauterine development] Bodiazina VI, et al.  
*Vestn Akad Med Nauk SSSR* 24:11-7, 1969 (Rus)
- [Massive intraperitoneal hemorrhage and anticoagulant therapy] Flamand EL, et al.  
*Arch Inst Cardiol Mex* 40:102-7, Jan-Feb 70 (Spa)

### ANALYSIS

- Blood groups, red cell enzymes, and cerumen types of the Ahousat (Nootka) Indians. Alfred BM, et al.  
*Amer J Phys Anthropol* 31:391-8, Nov 69
- Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al.  
*J Clin Invest* 49:1578-88, Aug 70
- Testing of acid-citrate-dextrose anticoagulant solution for absence of pyrogens. Todd GM.  
*J Pharm Pharmacol* 22:152, Feb 70
- [Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al.  
*Nouv Rev Franc Hemat* 9:611-26, Sep-Oct 69 (Fre)

### ANTAGONISTS & INHIBITORS

- Inactivation of "Arvin" by plasma proteins. Pitney WR, et al. *Brit J Haemat* 19:67-81, Jul 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Oral anticoagulants--their interactions. Hussar DA.  
*J Amer Pharm Ass* 10:78-82 passim, Feb 70 (73 ref.)
- Heparin-ascorbic acid antagonism. Owen CA Jr, et al.  
*Mayo Clin Proc* 45:140-5, Feb 70



# SUBJECT SECTION

## BIOSYNTHESIS

- Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al. *J Clin Invest* 49:1578-88, Aug 70

## BLOOD

- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. *Amer J Med* 48:408-11, Mar 70
- Inhibitors in haemophilia. Biggs R. *Bibl Haemat* 34:125-34, 1970
- Problems related to anticoagulants in hemophiliacs. Strauss HS. *Bibl Haemat* 34:149-53, 1970
- Circulating anticoagulant to factor 8 associated with rheumatoid arthritis. Mason BJ. *Brit Med J* 4:726-7, 20 Dec 69
- A rapid enzymatic method for estimating ethanol in body fluids. Jones D, et al. *Clin Chem* 16:402-7, May 70
- Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al. *Lancet* 2:665, 26 Sep 70
- Phosphorimetry as an analytical approach in biochemistry. Winefordner JD, et al. *Meth Biochem Anal* 15:369-483, 1967 (170 ref.)
- Disseminated intravascular coagulation in shock. Hardaway RM ed. *Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969
- [Attempted demonstration of a circulating anticoagulant in subjects treated with 5-phenyl-propyl-4-hydroxycoumarin] Bourgain RH, et al. *Arch Int Pharmacodyn* 179:483-5, Jun 69 (Fre)
- [Surgery in the hemophiliac] Sultan Y. *Bibl Haemat* 34:182-6, 1970 (Fre)
- [Change in the anticoagulation properties of blood plasma after inoculation with staphylococcal anatoxin] Bulai AA, et al. *Lab Delo* 7:420-1, 1969 (Rus)

## CHEMICAL SYNTHESIS

- Preparation and antiinflammatory activity of some 2-arylbenzo[b]thiophen-3 (2h)-one 1,1-dioxides. Lombardino JG, et al. *J Med Chem* 13:206-10, Mar 70

## DIAGNOSTIC USE

- Comparison of a blood culture system containing liquid and sucrose with systems containing either reagent alone. Rosner R. *Appl Microbiol* 19:281-2, Feb 70
- [Clinical significance of some indices of blood coagulation and anticoagulation system in acute bacillary dysentery] Keshishian SG. *Zh Eksp Klin Med* 9:67-70, 1969 (Rus)

## METABOLISM

- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Interaction of environmental agents and drugs. Burns JJ. *Environ Res* 2:352-9, Oct 69
- Pharmacokinetic drug interactions. Prescott LF. *Lancet* 2:1239-43, 6 Dec 69
- Warfarin revisited. Deykin D. *New Eng J Med* 282:1486, 25 Jun 70
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. *New Eng J Med* 282:1448-51, 25 Jun 70
- Therapeutic implications of drug metabolism. Burns JJ. *Pure Appl Chem* 19:219-29, 1969
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [Metabolism of vitamin K antagonists] Biatix C, et al. *Therapeutique* 45:875-7, Nov 69 (Fre)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. *Geburtsh Frauenheilk* 30:337-47, Apr 70 (Ger)
- [Influence of tension gradient on electrolytic dissociation of blood coagulating factors] Markosian AA, et al. *Fiziol Zh SSSR Sechenov* 55:816-22, Jul 69 (Rus)

## PHARMACODYNAMICS

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)

- Clinical disorders of drug interaction. Solomon HM. *Advances Intern Med* 16:285-301, 1970 (96 ref.)
- Stability of blood in commonly used anticoagulants. Use of refrigerated blood for quality control of the Coulter Counter Model S. Brittin GM, et al. *Amer J Clin Path* 52:690-4, Dec 69
- Preservation of blood in acid-citrate-dextrose anticoagulant solution for more than twenty-one days. Comparison of four solutions. Strumia PV, et al. *Amer J Clin Path* 52:671-8, Dec 69
- Coumarin and indandione anticoagulants. Potentiators and antagonists. Formiller M, et al. *Amer J Hosp Pharm* 26:574-82, Oct 69
- Surface structure of normal human platelets. Larrimer NR, et al. *Amer J Med Sci* 259:242-56, Apr 70
- Recent developments in antithrombotic therapy. Wright IS. *Ann Intern Med* 71:823-31, Oct 69 (30 ref.)
- Effect of a fibrinolytic agent (Arvin) on wound healing and collagen formation. Holt PJ, et al. *Ann Rheum Dis* 29:335-6, May 70
- Anticoagulant activity of pectic acid derivatives. Whistler RL, et al. *Arch Biochem* 138:39-43, May 70
- Anti-thrombotic effect of an heparin-like substance (SP 54) preventing red cell and platelet aggregation. Blicher HL. *Arzneimittelforschung* 20:379-81, Mar 70
- Pressure changes in the pulmonary trunk produced by volume substitutes with different viscosity following unilateral pulmonary exclusion. Hartel W, et al. *Bibl Haemat* 33:357-63, 1969
- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al. *Circulation* 42:1-21, Jul 70 (139 ref.)
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- The effect of a fibrinolytic agent (Arvin) on wound healing and collagen formation. Holt PJ, et al. *Clin Sci* 38:9P, Feb 70
- Effect of anticoagulants on the ultrastructure of normal human platelets. Adhikari PC, et al. *Indian J Med Res* 57:2083-6, Nov 69
- Anticoagulant activity of Heracleen. Mishra KC, et al. *Indian J Physiol Pharmacol* 13:153-5, Jul 69
- Ischaemic cerebrovascular diseases in an autopsy series. 2. Prevalence, location, pathogenesis, and clinical course of cerebral infarcts. Jørgensen L, et al. *J Neurol Sci* 9:285-320, Sep-Oct 69
- Action of rare earth metal complexes on neurogenic as well as on bradykinin-induced inflammation. Jancsó-Gábor A, et al. *J Pharm Pharmacol* 22:366-71, May 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. *J Trauma* 10:287-98, Apr 70
- Studies on the accessory factor for Toxoplasma dye test. Guinea pig serum as a source of the accessory factor. Kobayashi A, et al. *Jap J Med Sci Biol* 22:327-36, Oct 69
- Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P. *Lancet* 2:920-2, 1 Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Acquired coagulation-factor deficiencies. Hocking DR. *Med J Aust* 1:657-9, 28 Mar 70
- Drug interactions. Hussar DA. *Penn Med* 72:40-4, Dec 69
- The effect of haematocrit and anticoagulants on the rate of packing of erythrocytes by a centrifuge. Rampling M, et al. *Phys Med Biol* 15:15-21, Jan 70
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al. *Scand J Clin Lab Invest Suppl* 107:59+, 1969
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al. *Scand J Clin Lab Invest* 24:Suppl 107:59+, 1969
- Serum protein binding of vitamin B12. Beal RW, et al. *Scand J Haemat Suppl* 10:1-39, 1969 (180 ref.)
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. *Scand J Haemat Suppl* 5:5-97, 1969
- Some effects of pH and temperature upon normal human red cell adenosine triphosphate. Scott GL, et al. *Scand J Haemat* 6:227-35, 1969
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor



## SUBJECT SECTION

- during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.
- Thromb Diath Haemorrh* 22:417-30, 31 Dec 69
- The viscosity of equine blood plasma: a new non-specific test. Archer RK, et al.
- Vet Rec* 86:360-3, 28 Mar 70
- [Severe rarefaction of punctuated erythrocytes in saturnism caused by some anticoagulants] Desolite H, et al. *Arch Mal Prof* 31:230-6, Apr-May 70 (Fre)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al.
- Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Blood sedimentation and hematocrit of chicken blood with different anticoagulants] Schellner HP.
- Berlin Munchen Tierarztl Wschr* 82:233-6, 15 Jun 69 (Ger)
- [Antifibrinolytic and coagulation inhibiting effect of Contrykal] Schulz K, et al.
- Deutsch Gesundh* 24:1057-60, 5 Jun 69 (Ger)
- [Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al.
- Folia Haemat (Leipzig)* 92:470-6, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al.
- Folia Haemat (Leipzig)* 92:529-32, 1969 (Ger)
- [Effect of Glyvenol on platelet adhesiveness and various coagulation parameters] Svehla C, et al.
- Int Z Klin Pharmakol Ther Toxik* 2:226-8, Jul 69 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF.
- Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [The possibility of participation of the Sanarelli-Schwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al.
- Radiobiol Radlother (Berlin)* 10:663-71, 1969 (Ger)
- [The effect of lipid emulsions on blood platelets. I. Increase of platelet aggregation under the influence of various lipid emulsions in vitro] Pfeleiderer T, et al.
- Thromb Diath Haemorrh* 22:513-24, 31 Dec 69 (Ger)
- [The patient under anticoagulant medication] Meyer H.
- Zahnaerztl Welt* 78:986-7, 10 Nov 69 (Ger)
- [New aspects on the problem of rat extermination] D'Arca SU, et al.
- Ann Med Nav (Roma)* 74:673-84, Nov-Dec 69 (Ita)
- [Controlled experimental study of the relations between fibrinolytic activity and anticoagulant activity in evaluation of activators of fibrinolysis] Cascone A, et al.
- Minerva Med* 60:Suppl 99:5039+, 12 Dec 69 (Ita)
- [Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al.
- Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)
- [Experimental study of anticoagulants of the monocoumarin series] Lakin KM.
- Kardiologia* 9:80-7, Jul 69 (Rus)
- [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudriashov BA, et al.
- Vop Med Khim* 15:486-94, Sep-Oct 69 (Rus)
- [Reverse correlation between the functional state of the anticoagulating blood system and development of a malignant tumor] Kudriashov BA, et al.
- Vop Med Khim* 15:356-63, Jul-Aug 69 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.
- Vop Med Khim* 15:483-6, Sep-Oct 69 (Rus)
- [Drugs that affect the fetus] Duarte-Contreras A, et al.
- Rev Colombia Obstet Ginec* 20:309-25, Sep-Oct 69 (119 ref.) (Spa)

### PHYSIOLOGY

- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.
- Ann Intern Med* 73:373-8, Sep 70

### POISONING

- [Rodents control around the piers of Buenaventura, Colombia] Navia Bueno D, et al.
- Bol Ofic Sanit Panamer* 67:222-32, Sep 69 (Spa)

### STANDARDS

- Validity of the British system for anticoagulant control

using the national reagent. Alderson MR, et al.

*J Clin Path* 23:281-5, May 70

### THERAPEUTIC USE

- Evaluation of transluminal recanalisation of the femoral artery. Brahme F, et al.
- Acta Chir Scand* 135:679-84, 1969
- Swiss type hereditary persistence of foetal haemoglobin in a case of acquired haemolytic anaemia. Pawlak AL, et al.
- Acta Haemat (Basel)* 43:184-91, 1970
- Various aspects of thrombolysis and fibrinolysis. Szirmai E. *Acta Med Okayama* 23:429-47, Oct 69
- Double blind trial of long-term anticoagulant treatment after myocardial infarction. Meuwissen OJ, et al.
- Acta Med Scand* 186:361-8, Nov 69
- Diagnosis and treatment of epilepsy. Fukuyama Y.
- Acta Paediat Jap* 72:1462-83, 1 Oct 68 (25 ref.)
- One-stage prothrombin time survey. Zucker S, et al.
- Amer J Clin Path* 53:340-7, Mar 70
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.
- Amer J Clin Path* 53:348-54, Mar 70
- Anticoagulants in renal disease in children. Herdman RC, et al.
- Amer J Dis Child* 119:27-35, Jan 70
- The management of pulmonary embolic disease. Thomas DP.
- Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)
- Anticoagulants in the treatment of renal disease. Pollak VE. *Ann Intern Med* 73:334-5, Aug 70
- Anticoagulants in acute myocardial infarction: the last (?) word. Wasserman AJ.
- Ann Intern Med* 71:855-6, Oct 69
- Recent developments in antithrombotic therapy. Wright IS. *Ann Intern Med* 71:823-31, Oct 69 (30 ref.)
- Effect of Arvin on experimental immune arthritis in rabbits. Ford PM, et al.
- Ann Rheum Dis* 29:336, May 70
- Assessment of anticoagulant treatment of venous thromboembolism. Coon WW, et al.
- Ann Surg* 170:559-68, Oct 69
- Interior vena caval interruption for pulmonary embolism. Little JM. *Ann Surg* 171:250-6, Feb 70
- Prevention of pulmonary embolism by caval ligation. Ochsner A, et al.
- Ann Surg* 171:923-38, Jun 70
- Results of mitral valve replacement with dacron velour-covered teflon-disc prosthesis. Beall AC Jr, et al.
- Ann Thorac Surg* 9:195-202, Mar 70
- Clinical experience with a Wada-Cutter cardiac valve prosthesis. Hallman GL, et al.
- Ann Thorac Surg* 10:9-19, Jul 70
- Studies of the epidemiology of anticoagulant-drug interactions. Kleinman PD, et al.
- Arch Intern Med (Chicago)* 126:522-3, Sep 70
- Prognosis after early discharge from hospital of patients with acute myocardial infarction. Adgey AA.
- Brit Heart J* 31:750-2, Nov 69
- Pulmonary embolism. Barritt DW.
- Brit Heart J* 31:667-9, Nov 69
- Pulmonary hypertension due to micro-thromboembolism from splenic and portal veins after portacaval anastomosis. Sallam M, et al.
- Brit Heart J* 32:269-71, Mar 70
- Immediate and long-term results of mitral valve replacement with University of Cape Town mitral valve prosthesis. Schrire V, et al.
- Brit Heart J* 32:245-54, Mar 70
- The effect of Arvin on experimental immune arthritis in rabbits. Ford PM, et al.
- Brit J Exp Path* 51:81-6, Feb 70
- The effect of arvin on experimental pulmonary embolism in the rabbit. Olsen EG, et al.
- Brit J Haemat* 17:425-9, Nov 69
- The prevention of recurrent pulmonary embolism. Browse NL, et al.
- Brit J Surg* 56:753-4, Oct 69
- Burden of cerebrovascular disease in the Oxford area in 1963 and 1964. Acheson RM, et al.
- Brit Med J* 2:621-6, 13 Jun 70
- Long-term anticoagulant treatment after myocardial infarction. Borchgrevink CF.
- Brit Med J* 2:237, 25 Apr 70
- Prophylaxis of pulmonary embolism. Browse NL.
- Brit Med J* 2:780-2, 27 Jun 70
- Kidney function after renal arterial embolism. Fergus JN, et al.
- Brit Med J* 4:587-90, 6 Dec 69
- Deep vein thrombosis: medical management. Flute PT.
- Brit Med J* 4:678-80, 13 Dec 69
- Long-term anticoagulant treatment after myocardial infarction. Loeliger EA. *Brit Med J* 1:300, 2 May 70



# SUBJECT SECTION

- Massive pulmonary embolism--medical management. Miller GA. *Brit Med J* 2:777-8, 27 Jun 70
- Surgical management of massive pulmonary embolism. Paneth M. *Brit Med J* 2:778-9, 27 Jun 70
- Prophylactic anticoagulant therapy against pulmonary emboli in acute paraplegia. Silver JR, et al. *Brit Med J* 1:338-40, 9 May 70
- Control of anticoagulants. *Brit Med J* 4:125-6, 18 Oct 69
- Local and systemic factors in the pathogenesis of thrombosis. Deykin D. *Calif Med* 112:31-40, Mar 70 (93 ref.)
- Prospects for the control of metastases. Fisher B. *Cancer* 24:1263-9, Dec 69
- Modification of the Charnley artificial hip joint. Buchholz HW. *Clin Orthop* 72:69-78, Sep-Oct 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Rehabilitation of the elderly cardiac patient. Archibald KC, et al. *Geriatrics* 25:133-41, Mar 70
- Plasma protein electrophoretic pattern and blood viscosity in arteriosclerotic heart disease. Mrazek SA. *J Amer Geriatr Soc* 18:396-404, May 70
- Pulmonary embolism: modern concepts and diagnostic techniques. Riccitelli ML. *J Amer Geriatr Soc* 18:714-28, Sep 70 (42 ref.)
- Venous thrombosis after fractures of the upper end of the femur. A study of incidence and site. Culver D, et al. *J Bone Joint Surg [Brit]* 52:61-9, Feb 70
- Venous thrombosis in patients with fracture of the upper end of the femur. A phlebographic study of the effect of prophylactic anticoagulation. Hamilton HW, et al. *J Bone Joint Surg [Brit]* 52:268-89, May 70
- Catheter technique for arterial embolectomy: a seven-year experience. Cranley JJ, et al. *J Cardiovasc Surg (Torino)* 11:44-51, Jan-Feb 70
- The irrelevance of adhesive platelet estimation. Eastham RD. *J Clin Path* 22:742, Nov 69
- Drugs in coronary artery diseases. Chand A. *J Indian Med Ass* 53:356-62, 1 Oct 69
- Anticoagulant therapy in cerebrovascular disorders. Das Gupta A. *J Indian Med Ass* 54:477-8, 1 Jul 70
- Anticoagulant therapy in patients with cancer. Thornes RD. *J Irish Med Ass* 62:426-9, Dec 69
- Successful outcome of pulmonary embolism in the first trimester of pregnancy. Friefeld DM. *J Louisiana Med Soc* 122:177-9, Jun 70
- Preparation and antiinflammatory activity of some 2-arylbenzo[b]thiophen-3 (2h)-one 1,1-dioxides. Lombardino JG, et al. *J Med Chem* 13:206-10, Mar 70
- Cerebral vascular disease in pregnancy. 2. Occlusion. Amlas AG. *J Obstet Gynaec Brit Comm* 77:312-5, Apr 70
- Myocardial infarction in pregnancy. Ginz B. *J Obstet Gynaec Brit Comm* 77:610-5, Jul 70
- A central-flow, low-profile, leaflet-deforming mitral valve prosthesis free of prolonged anticoagulation requirements. Edmark KW, et al. *J Thorac Cardiovasc Surg* 58:713-7 passim, Nov 69
- Clinical and hemodynamic assessments of fabric-covered Starr-Edwards prosthetic valves. Reis RL, et al. *J Thorac Cardiovasc Surg* 59:84-91, Jan 70
- Cloth-covered aortic and mitral valve prostheses. Experiences with 113 patients. Spencer FC, et al. *J Thorac Cardiovasc Surg* 59:92-108, Jan 70
- Transient ischemic attacks in a community. Friedman GD, et al. *JAMA* 210:1428-34, 24 Nov 69
- Subdural hematoma associated with long-term hemodialysis for chronic renal disease. Talalla A, et al. *JAMA* 212:1847-9, 15 Jun 70
- Extracranial arterial stenosis. Walsh AC. *JAMA* 214:374, 12 Oct 70
- An exercise in futility. *JAMA* 213:862-3, 3 Aug 70
- Complications of smallpox vaccination, Maryland 1968. Mellin H, et al. *Johns Hopkins Med J* 126:160-8, Mar 70
- Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P. *Lancet* 2:920-2, 1 Nov 69
- Control of anticoagulant treatment. Nemerson Y. *Lancet* 2:1255, 6 Dec 69
- Control of anticoagulant treatment. Quick AJ. *Lancet* 2:1255, 6 Dec 69
- ABO blood-groups and venous thromboembolic disease. Talbot S, et al. *Lancet* 1:1257-9, 13 Jun 70
- Long-term anticoagulants. Ur A. *Lancet* 1:413, 21 Feb 70
- Prevention of venous thrombosis. *Lancet* 1:395-6, 21 Feb 70
- Ovarian-vein thrombosis: a postpartum surgical emergency. Report of a case. Epps JM, et al. *Med Ann DC* 39:202-4, Apr 70
- Management of pulmonary embolism. Silver D, et al. *Med Clin N Amer* 54:361-77, Mar 70 (82 ref.)
- Dipyridamole and anticoagulants in renal disease due to glomerular and vascular lesions. A new approach to therapy. Kincaid-Smith P, et al. *Med J Aust* 1:145-51, 24 Jan 70
- Cerebrovascular disease. A review of present understanding. Kranz H. *Med J Aust* 1:905-10, 2 May 70 (45 ref.)
- Primary pulmonary hypertension. Kuzman WJ. *Med Times* 98:151-62, Mar 70
- Chronic glomerulonephritis associated with low serum complement activity (chronic hypocomplementemic glomerulonephritis). Pickering RJ, et al. *Medicine (Balt)* 49:207-26, May 70
- Problems in cerebellar hemorrhage and infarction. Norris JW, et al. *Neurology (Minneapolis)* 19:1043-50, Nov 69
- Anticoagulant therapy in myocardial infarction. Eastham RD. *New Eng J Med* 281:1425, 18 Dec 69
- Anticoagulant therapy in coronary ischemic disease. Jaffe HL. *New York J Med* 70:1766-9, 1 Jul 70 (30 ref.)
- Drugs used in the care of the cardiac patient. *Nurs Clin N Amer* 4:645-9, Dec 69
- Pregnancy and heart valve prostheses. Laros RK Jr, et al. *Obstet Gynec* 35:241-7, Feb 70
- Anticoagulant therapy during pregnancy. A new approach. Olwin JH, et al. *Obstet Gynec* 34:847-52, Dec 69
- Post-Infarction Convalescence Program. II. Leaman WG Jr. *Penn Med* 73:65, Apr 70
- Serum proteolytic activity bound with alpha2-macroglobulin in hepato-biliary diseases. Szczeklik A. *Pol Arch Med Wewnet* 4:331-6, Apr-May 70
- The diagnosis and management of strokes. Gibberd FB. *Practitioner* 204:497-505, Apr 70
- Advances in the treatment of cardiovascular disease. Lawrie TD. *Practitioner* 203:460-7, Oct 69 (23 ref.)
- Anticoagulants and coronary heart disease. Mackinnon J. *Practitioner* 202:222-9, Feb 69 (29 ref.)
- Advances in the treatment of renal disease. Robson JS. *Practitioner* 203:483-93, Oct 69 (56 ref.)
- Observations on the use of 99mTc albumin macroaggregates for detection of thrombophlebitis. Rosenthal L, et al. *Radiology* 94:413-6, Feb 70
- Mitral valve prosthesis and pregnancy without anticoagulation therapy. Barnard PM, et al. *S Afr Med J* 43:1397-8, 15 Nov 69
- Renal artery embolism. Diagnosis and prognosis. Nummi P, et al. *Scand J Urol Nephrol* 3:59-63, 1969
- Priapism as a probable sequel to medication. Rubin SO. *Scand J Urol Nephrol* 2:81-5, 1968
- Genetic factors in drug therapy. Evans DA. *Sci Basis Med Ann Rev* 166-82, 1969 (23 ref.)
- Laboratory approach to hemorrhagic disorders. Eilers RJ. *Southern Med J* 62:1337-9, Nov 69
- Advances in management of thromboembolic disease. Kistner RL. *Surg Clin N Amer* 50:471-84, Apr 70
- A new look at pulmonary embolism. Scully NM. *Surg Clin N Amer* 50:343-50, Apr 70
- Factors influencing postischemic cerebral vascular obstruction. Cantu RC. *Surg Forum* 20:426-8, 1969
- Prosthetic heart valves in pregnancy. Radnich RH, et al. *Texas Med* 66:58-61, May 70
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al. *Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969
- Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al. *Thromb Diath Haemorrh* 23:569-84, 30 Jun 70
- Short term synchronous arterio-arterial pumping without anticoagulants. Sharp WV, et al. *Trans Amer Soc Artif Intern Organs* 16:435-8, 1970
- Emergency thrombectomy of the prosthetic mitral valve. Mullen DC, et al. *Vasc Surg* 4:137-40, Jun 70
- [Changes in blood coagulation following reconstructive operations of obliterated arteries of the lower extremities] Pstružínová H, et al. *Cas Lek Cesk* 108:1409-13, 14 Nov 69 (Cze)
- [Diabetic retinopathy and its treatment] Larsen HW. *Nord Med* 83:143-5, 29 Jan 70 (Dan)
- [Surgical treatment of phlegmasia coerulea dolens] Bertelsen S, et al. *Ugeskr Laeg* 132:1625-7, 27 Aug 70 (Dan)



# SUBJECT SECTION

- [Oral contraceptives and acute surgery] Pedersen Berget A. Ugeskr Laeg 132:1628-9, 27 Aug 70 (Dan)
- [The dilemma of anticoagulant therapy in coronary heart disease] Loeliger EA. Nederl T Geneesk 114:810-3, 9 May 70 (Dut)
- [Caffeine and anticoagulants] Nelemans FA. Nederl T Geneesk 113:1865, 18 Oct 69 (Dut)
- [Treatment of respiratory function disorders in fat embolism] Poncea RJ. Nederl T Geneesk 114:931-3, 30 May 70 (Dut)
- [Therapy of venous thrombosis] Mahieu F, et al. Acta Chir Belg [Suppl] 2:3-82, 1969 (Fre)
- [Prophylaxis of postoperative thromboembolic disease: heparinate or heparinoid? 1000 cases] Malavaud A, et al. Anesth Analg (Paris) 27:225-35, Mar-Apr 70 (Fre)
- [Prophylactic anticoagulation after ventriculoatrial drainage of hydrocephalus] Kuffer F, et al. Ann Chir Infant 10:47-8, Jan-Feb 69 (Fre)
- [4 cases of malignant edematous exophthalmia with disorders of orbital venous circulation] Vignatou J, et al. Ann Endocr (Paris) 31:247-57, Mar-Apr 70 (Fre)
- [Prevention of thrombophlebitis following prostatectomy] Rometti A. Ann Urol (Paris) 3:157-9, Sep 69 (Fre)
- [Cerebral thrombophlebitis with mental manifestations after heart catheterization] Broustra J, et al. Bordeaux Med 3:333-42, Feb 70 (Fre)
- [Treatment of recurrent pulmonary embolism by application of the inferior vena cava] Gyr K. Cah Med 11:817-23, Jul 70 (Fre)
- [Surgical treatment of lesions in the internal extracranial carotid artery. 70 patients totaling 88 operations] Garnier H, et al. J Chir (Paris) 98:171-86, Sep 69 (Fre)
- [Medical treatment of acute venous thrombosis] Milleret PG. Phlebologie 23:39-45, Jan-Mar 70 (Fre)
- [Treatment of thrombosis of the central retinal vein by anticoagulants or by thrombolytics] Ottolander GJ den, et al. Phlebologie 23:73-4, Jan-Mar 70 (Fre)
- [Fractures of the trochanteric region] Détré P. Presse Med 78:424, 21 Feb 70 (Fre)
- [Current concepts on the anticoagulant therapy] Thibault P. Presse Med 78:127-8, 17 Jan 70 (Fre)
- [Massive pulmonary embolism, medical emergency or surgical emergency?] Vernant P. Presse Med 78:453-4, 25 Feb 70 (Fre)
- [Is it possible to prevent puerperal thromboembolic disease?] Mahon R, et al. Rev Franc Gynec Obstet 65:11-4, Jan-Feb 70 (Fre)
- [Medical treatment of pulmonary embolism] Dorsit G, et al. Rev Lyon Med Suppl 18:47+, 1969 (Fre)
- [Digestive mucosa and conditions of distress. Efficacy of protective treatment with sulpride] Lareng L, et al. Sem Hop Paris 46:Suppl:34-40, Jun 70 (Fre)
- [Treatment of the chronic coronary insufficiency. 100 cases] Warembourg H, et al. Sem Hop Paris 45:3055-7, 26 Nov 69 (Fre)
- [Treatment of pulmonary embolism] Gerbaux A. Ther Umsch 27:174-80, Mar 70 (Fre)
- [Place of anticoagulants in the treatment of arteritis of inferior limbs] Denimal C, et al. Therapeutique 46:195-7, Feb 70 (Fre)
- [Long-term anticoagulation therapy] Rasmussen C. Therapeutique 45:262-73, Mar 69 (Fre)
- [Experience with prophylactic postoperative anticoagulant treatment in 6551 patients] Alant O, et al. Acta Chir Acad Sci Hung 10:139-50, 1969 (Ger)
- [Anticoagulant therapy in heart disease] Lübcke P. Agnes Karli Schwest 24:94-6, Mar 70 (Ger)
- [Treatment of severe coronary insufficiency with carbochromen] Friese G. Arzneimittelforschung 20:451-3, Mar 70 (Ger)
- [Treatment of acute and chronic coronary insufficiency with carbochromen] Popov VG, et al. Arzneimittelforschung 20:467-8, Mar 70 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. Bibl Haemat 32:281-7, 1969 (Ger)
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. Bibl Haemat 32:298-304, 1969 (Ger)
- [Fatal complications of femoral neck fracture with special reference to pulmonary embolism] Gergen M. Chirurg 40:135-8, Mar 69 (Ger)
- [Venous thrombosis and pulmonary embolism--prophylaxis and therapy] Knothe W. Chirurg 40:501-6, 11 Nov 69 (Ger)
- [Anticoagulants in intermittent cerebrovascular insufficiency] Baumgartner D. Deutsch Med Wschr 95:713, 27 Mar 70 (Ger)
- [Treatment of intermittent cerebrovascular insufficiency] Baumgartner G. Deutsch Med Wschr 95:180-1, 23 Jan 70 (Ger)
- [Clinical picture and therapy of extensive occlusion of the inferior vena cava] Frisius H, et al. Deutsch Med Wschr 95:1681-9 passim, 14 Aug 70 (Ger)
- [Therapy of the Waterhouse-Friderichsen syndrome] Hitzig WH. Deutsch Med Wschr 95:642-3, 20 Mar 70 (Ger)
- [Therapy of acute venothrombosis in the leg] Philippen R, et al. Deutsch Med Wschr 95:961-3, 24 Apr 70 (Ger)
- [Medical treatment of coronary heart disease] Schweizer W. Deutsch Med Wschr 94:2646-9, 19 Dec 69 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. Geburtsh Frauenheilk 30:337-47, Apr 70 (Ger)
- [Prolonged recurrent lung embolisms and their management] Gyr K. Helv Med Acta [Suppl] 49:144, 1969 (Ger)
- [For and against the anticoagulants--for and against thrombolysis] Gross R. Internist (Berlin) 10:1-2, Jan 69 (Ger)
- [Comments on the article by E. Maurer: "Therapy with anticoagulants"] Jürgens J. Internist (Berlin) 10:Suppl:36-7, Aug 69 (Ger)
- [Clinical evaluation of anticoagulants] Koller F. Internist (Berlin) 10:8-15, Jan 69 (35 ref.) (Ger)
- [Discussion on the standardization of thromboplastin time] Lasch HG, et al. Internist (Berlin) 10:Suppl:39-40, Aug 69 (Ger)
- [Control of anticoagulant therapy] Lechler E. Internist (Berlin) 10:Suppl:35-6, Aug 69 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)
- [Treatment of out-patients with anticoagulants] Maurer E. Internist (Berlin) 10:Suppl:33-5, Aug 69 (Ger)
- [Comments on the article by E. Maurer, Munich: "Therapy with anticoagulants"] Weyer FG. Internist (Berlin) 10:Suppl:37-9, Aug 69 (Ger)
- [Conservative therapy of pulmonary embolism] Lasch HG. Langenbecks Arch Chir 325:1052-60, 1969 (Ger)
- [Physiopathological principles of prevention and therapy of pulmonary embolism] Sandritter W. Langenbecks Arch Chir 325:1043-52, 1969 (Ger)
- [Mechanical and biochemical measures in the prevention of thromboembolism following prostatectomy] Schrader CP. Langenbecks Arch Chir 325:1088-90, 1969 (Ger)
- [Apoplectic stroke as an event in the course of cerebral arteriosclerosis] Erbslöh F, et al. Med Klin 64:2059-67, 7 Nov 69 (Ger)
- [Therapy of cor pulmonale] Fruhmant G. Med Klin 64:2324-8, 12 Dec 69 (17 ref.) (Ger)
- [Anticoagulant therapy. I. (Possibilities and limits)] Fischer M. Med Welt 13:534-9 contd, 28 Mar 70 (Ger)
- [Anticoagulant therapy. II. (Possibilities and limits)] Fischer M. Med Welt 14:620-6, 4 Apr 70 (Ger)
- [The x-ray contrast demonstration of veins for the diagnosis of venous thrombosis and the evaluation of results of thrombolytic treatment] Papasoglou O, et al. Med Welt 41:2238-42, 11 Oct 69 (Ger)
- [General anticoagulant-prevention in surgery] Popov S, et al. Med Welt 51:2769-71, 20 Dec 69 (Ger)
- [Modern therapy of thromboembolism] Schmutzler R. Med Welt 12:467-77, 21 Mar 70 (46 ref.) (Ger)
- [Experiences with Thrombotison ointment in phlebitis, inflammations of the soft parts and leg ulcer] Colombo I. Munchen Med Wschr 112:70-4, 9 Jan 70 (Ger)
- [Treatment of protracted recurrent pulmonary embolism by ligation of the inferior vena cava] Gyr K. Munchen Med Wschr 112:1193-9, 19 Jun 70 (Ger)
- [Anticoagulants. 43] Striegler G. Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)
- [Thrombosis and embolism] Girardin R. Praxis 58:1678-81, 23 Dec 69 (Ger)
- [Neurologic complications following the instillation of various liquids into the uterine cavity] Vago O. Psychiat Neurol Med Psychol (Leipzig) 21:387-9, Oct 69 (Ger)
- [Coumarin necrosis] Jost P. Schweiz Med Wschr 99:1069-77, 28 Jul 69 (Ger)
- [Prophylaxis and therapy of postoperative complications involving the gastro-intestinal tract following incision of the abdominal aorta] Piza F. Thoraxchirurgie 17:22-8, Feb 69 (Ger)



## SUBJECT SECTION

- [Heart infarct--course and prognosis] Bruck A. Z Allgemeinmed 45:1312-8, 10 Oct 69 (Ger)
- [Prevention of thromboembolism in accident surgery] Hildebrandt G, et al. Zbl Chir 94:1605-9, 22 Nov 69 (Ger)
- [Therapy with anticoagulants in reconstructive surgery of arteries] Janisch K, et al. Zbl Chir 95:23-5, 3 Jan 70 (Ger)
- [Surgical treatment of renovascular hypertension] Kuhlitz G. Zbl Chir 94:1336-44, 4 Oct 69 (Ger)
- [Lethal pulmonary embolism in traumatology. 2 years' results with the administration of the anticoagulant Sintrom] Schlag G, et al. Zbl Chir 94:320-38, 1969 (Ger)
- [Anticoagulants during pregnancy following artificial heart valve implantation] Alleff A. Zbl Gynaek 91:769-71, 14 Jun 69 (Ger)
- [Prophylaxis of postoperative thromboembolism] Döderlein G. Zbl Gynaek 91:54-62, 11 Jan 69 (Ger)
- [General postoperative thrombosis prevention using anticoagulants] Hochuli E, et al. Zbl Gynaek 91:1211-8, 13 Sep 69 (Ger)
- [Phlegmasia coerulea dolens following cesarean section, treated by conservative (fibrinolytic and anticoagulant) therapy] Bösze P, et al. Orv Hetil 111:448-50, 22 Feb 70 (Hun)
- [Blood coagulation changes studied by means of thrombelastography in various neoplastic manifestations during medical, surgical, and radiotherapy] Barlattani M, et al. Clin Ter 49:221-58, May 69 (Ita)
- [Importance of the kidney in coagulo-fibrinolytic homeostasis. Preventive therapy of thromboembolic complications] Parodi A, et al. Clin Ter 51:453-64, Dec 69 (Ita)
- [Preoperative treatment of coronaropathies. Etiopathogenetic, clinical and diagnostic aspects] Valenti B, et al. Clin Ter 50:57-74, 15 Jul 69 (44 ref.) (Ita)
- [General directions for anticoagulant therapy] Cuore Circ 54:35-8, Feb 70 (Ita)
- [A case of phlegmasia cerulea dolens: therapeutic considerations] Trimarchi L. Minerva Med 61:421-3, 3 Feb 70 (Ita)
- [Surgical removal of myeloplasma in a hemophilic] Gagliani N, et al. Rass Trim Odont 50:293-8, Oct-Dec 69 (Ita)
- [The postoperative period] James DG. Recent Progr Med (Roma) 47:480-8, Nov 69 (Ita)
- [Studies on retinal artery occlusion. 11. Results of treatment] Imamura T. Acta Soc Ophthal Jap 73:1486-94, Sep 69 (Jap)
- [Anticoagulants] Abe A. Jap J Clin Med 28:Suppl:750-3, 25 Mar 70 (Jap)
- [Therapeutic use of Coagumulin in the surgery of paranasal sinusitis] Toriyama T, et al. Otolaryngology (Tokyo) 42:715-7, Sep 70 (Jap)
- [Hypo-antithrombinemia as the cause of mesenteric vein thrombosis] Nesje OA, et al. Nord Med 83:367-8, 19 Mar 70 (Nor)
- [Preventive anticoagulant therapy in surgery] Johs S. T Norsk Laegeforen 89:1501-2, 1 Oct 69 (Nor)
- [Anticoagulants-antiphlogistics-acetylsalicylic acid. A note on interaction] Naess K. T Norsk Laegeforen 90:1637-8, 1 Sep 70 (Nor)
- [Control of treatment with anticoagulating agents together with journeys in foreign countries] T Norsk Laegeforen 90:713, 1 Apr 70 (Nor)
- [Ambulatory rehabilitation of patients after myocardial infarct] Kedra M, et al. Pol Tyg Lek 24:1602-4, 20 Oct 69 (Pol)
- [Clinical evaluation of an antithrombotic agent, Amisindione] Malanowicz W, et al. Pol Tyg Lek 25:1095-8, 20 Jul 70 (Pol)
- [Early prophylactic anticoagulant treatment after reconstructive operations on arteries and some associated problems] Poltowski M, et al. Pol Tyg Lek 25:807-10, Jun 70 (Pol)
- [Pharmacological treatment of varicose veins] Wisniewski T. Wiad Lek 22:1775-81, 1 Oct 69 (Pol)
- [Prolonged controlled hypotension after aortic resection for aortic coarctation] Novikov VE. Eksp Khir Anest 14:88-9, Jan-Feb 69 (Rus)
- [Thrombosis of major veins (diagnosis and surgery)] Belichenko IA, et al. Kardiologiya 9:127-35, Dec 69 (112 ref.) (Rus)
- [Results of observing patients with auricular fibrillation treated by electric defibrillation] Radushkevich VP. Kardiologiya 9:10-7, Mar 69 (Rus)
- [Applied aspects of prognosis in myocardial infarct] Stupelis I, et al. Kardiologiya 9:40-7, Dec 69 (Rus)
- [The clinical picture and treatment of thromboembolization of mesenteric vessels] Bellaev MP, et al. Khirurgiya (Moskva) 45:92-6, May 69 (Rus)
- [Decreasing of mortality in postoperative thrombosis and embolism] Tregubenko AI. Khirurgiya (Moskva) 45:65-9, Jun 69 (Rus)
- [Treatment of obliterating arteriosclerosis] Skripnichenko DF. Klin Khir (Kiev) 4:26-31, Apr 69 (Rus)
- [Analysis of the effectiveness of anticoagulant and fibrinolytic therapy in myocardial infarct] Kheinonen IM, et al. Klin Med (Moskva) 47:41-8, Jul 69 (Rus)
- [Urine fibrinolytic activity (urokinase) in patients with coronary disease] Panchenko VM. Klin Med (Moskva) 47:52-5, Jul 69 (Rus)
- [Experience in preventive therapy of patients with chronic coronary insufficiency under polyclinic conditions] Paranskaya ZhA. Klin Med (Moskva) 48:109-12, Apr 70 (Rus)
- [Preparation of a new reagent from heterogenous blood for control of anticoagulant therapy] Konlukhov SG, et al. Lab Delo 8:490-3, 1969 (Rus)
- [Experience with the use of the thrombotest] Naïman PM. Lab Delo 8:486-7, 1969 (Rus)
- [Clinical aspects and treatment of pseudopapillitis] Vodneva RE. Oftal Zh 24:290-3, 1969 (Rus)
- [Treatment of patients with pulmonary and cardiopulmonary insufficiency] Dubilei VV, et al. Sovet Med 32:146-7, Jan 69 (Rus)
- [The use of buphedon--a new anticoagulant--in myocardial infarct and angina pectoris] Semenko IF, et al. Sovet Med 32:56-9, Jan 69 (Rus)
- [Certain aspects of the tactics of anticoagulant therapy in myocardial infarct] Anisimov VK. Ter Arkh 41:94-9, Apr 69 (Rus)
- [Anabolic steroids and anticoagulants in the therapy of patients with coronary disease] Lineva VA. Ter Arkh 42:24-7, Jan 70 (Rus)
- [Functional study of the blood coagulation system in the clinical picture of hypertensive disease] Rtskhiladze GI. Ter Arkh 42:87-94, Mar 70 (Rus)
- [Changes in electroretrographic indices of the blood in patients with thrombophlebitis treated with fibrinolytic and anticoagulant agents] Previna AI, et al. Vestn Khir Grekov 103:70-4, Oct 69 (Rus)
- [Peculiarities of the clinical aspects and therapy of acute and chronic vascular disorders of the optic nerve of various etiology] Zolotareva MM, et al. Vestn Oftal 81:61-5, 1968 (Rus)
- [The use of anticoagulants in treating patients at home] Sviridov AM, et al. Voennomed Zh 8:83-4, Aug 69 (Rus)
- [The effect of prolonged use of anticoagulants with indirect action on the protein and lipid composition of the blood serum] Bykov II. Vrach Delo 10:141-2, Oct 69 (Rus)
- [Changes in the system of blood coagulation under the influence of a series of therapeutic measures] Sarkisian TG. Zh Eksp Klin Med 9:69-73, 1969 (Rus)
- [On the clinical picture and pathogenesis of lesions of the nervous system following pulmonary artery thrombosis] Martynov IuS, et al. Zh Nevropat Psikhiat Korsakov 69:1132-7, 1969 (Rus)
- [Anticoagulants in ischemic heart diseases] Zajarás S. Arch Inst Cardiol Mex 39:732-5, Sep-Oct 69 (Spa)
- [Practical dentistry] Bol Odont (B Air) 37-8, Jan-Jun 69 (Spa)
- [Acute cerebrovascular insufficiency (focal ischemic seizures) (symptoms, pathogenesis, pathological anatomy and treatment)] Hermida ME, et al. Rev Clin Esp 116:11-28, 15 Jan 70 (229 ref.) (Spa)
- [Anti-coagulant treatment of heart infarction--an eternal dilemma?] Böttiger LE. Lakartidningen 67:3741-7, 19 Aug 70 (Swe)
- [Cerebrovascular diseases. 6. Anticoagulant treatment] Gärde A. Lakartidningen 66:4086-9, 1 Oct 69 (Swe)

### ANTIFIBRINOLYTIC AGENTS

- The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. Bibl Haemat 33:457-65, 1969
- Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeifer GW, et al. Bibl Haemat 33:481-91, 1969
- Inactivation of human serum plasminogen activator by synthetic fibrinolysis inducers. Aoki N, et al. Thromb Diath Haemorrh 22:251-62, 15 Nov 69
- [Experience with the antifibrinolytic agent Pamba in



## SUBJECT SECTION

- maxillofacial surgery] Davidoff SM.  
Deutsch Stomat 20:391-3, May 70 (Ger)
- [Irreversible synthetic inhibitors of urokinase]  
Landmann H, et al. Experientia 26:145-7, 1970 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al.  
Folia Haemat (Leipzig) 92:7-19, 1969 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E.  
Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)
- [Endogenous and exogenous fibrinolysis] Perlick E, et al.  
Folia Haemat (Leipzig) 92:28-32, 1969 (Ger)
- [Effect of a proteolysis inhibitor on fibrinolytic activity in acute peritonitis] Rubino M, et al.  
Rass Int Clin Ter 48:587-96, 31 May 68 (Ita)
- [Clinical studies on alpha 2-macroglobulin. Serum antifibrinolytic activity and alpha 2-macroglobulin]  
Ando H. J Jap Soc Intern Med 59:329-39, Apr 70 (Jap)
- [The significance of thromboelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.  
Khirurgiya (Moskva) 45:60-5, Jun 69 (Rus)
- [Determination of fibrinolytic and antifibrinolytic activity of blood in epidemic Botkin's disease] Arakelov RA, et al.  
Zh Eksp Klin Med 9:61-3, 1969 (Rus)
- [Tranexamic acid, a new antifibrinolytic agent]  
Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ADMINISTRATION & DOSAGE

- [Therapy of functional pathological uterine hemorrhage using PAMBA tablets] Linz O.  
Deutsch Gesundh 24:921-4, 15 May 69 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Studies on the efficiency of antifibrinolytic agents in the prevention of fetal hypoxia hemorrhages] Hickl EJ, et al.  
Deutsch Med Wschr 95:616-8 passim, 20 Mar 70 (Ger)
- [Prevention of postpartum coagulation disorders and hemorrhages] Cappello F.  
Arch Ostet Gynec 74:301-10, Jul-Aug 69 (Ita)
- [Tranexamic acid, a new antifibrinolytic agent]  
Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ADVERSE EFFECTS

- [Reduction of post-prostatectomy bleeding by medication (experience with the antifibrinolytic agent AMCA)] Kaufmann J, et al.  
Urologe 8:57-9, Mar-Apr 69 (Ger)
- [Tranexamic acid, a new antifibrinolytic agent]  
Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ANALYSIS

- Fibrinolytic activity and the skin. Kurban AK.  
Brit J Derm 82:76-7, Jan 70 (20 ref.)
- [Standardization of protease inhibitor from cattle organs] Markwardt F, et al.  
Pharmazie 24:620-2, Oct 69 (Ger)
- [Micromethods of determining the concentration of fibrinogen, fibrinolytic activity, heparin and antifibrinolysin in blood] Andreenko GV.  
Lab Delo 8:477-9, 1969 (Rus)

### BLOOD

- Defibrination in normal and abnormal parturition.  
Kleiner GJ, et al. Brit J Haemat 19:159-78, Aug 70
- Resting levels of fibrinolysis in blood in inactive and exercising men. Moxley TR, et al.  
J Appl Physiol 28:549-52, May 70
- A comparative study of blood fibrinolytic activity in normal women, pregnant women and women on oral contraceptives. Menon IS, et al.  
J Obstet Gynaec Brit Comm 77:752-6, Aug 70
- Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Hedner U, et al. Scand J Clin Lab Invest 25:329-36, Jun 70
- [The determination of serum fibrinolytic inhibitors by the fibrin plate method] Daver J, et al.  
Ann Biol Clin (Paris) 27:721-33, Oct-Dec 69 (Fre)
- [Determination of serum inhibitors of fibrinolysis by

- the method of "standard clots"] Daver J, et al.  
Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al.  
Presse Med 77:1427-8, 4 Oct 69 (Fre)
- [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al.  
Folia Haemat (Leipzig) 92:78-83, 1969 (Ger)
- [Antifibrinolytic activity of the blood in patients with cancer and chronic suppurative-inflammatory diseases of the lungs before and after surgery] Andreenko GV, et al.  
Grudn Khir 11:65-8, Nov-Dec 69 (Rus)
- [Regulation of fibrinolysis and anti-fibrinolytic activity of the serum in children] Alekseenko IF.  
Sovet Zdravookhr Kirgiz 6:18-22, Nov-Dec 69 (Rus)

### CHEMICAL SYNTHESIS

- Bridged bicyclic and polycyclic amino acids. Potent new inhibitors of the fibrinolytic process. Loeffler LJ, et al. J Med Chem 13:926-35, Sep 70

### ISOLATION & PURIFICATION

- The extraction and separation of activators and inhibitors of fibrinolysis from bovine endothelium and mesothelium. Pugatch EM, et al.  
Brit J Haemat 18:669-81, Jun 70
- Isolation and characterization of leupeptins produced by Actinomycetes. Kondo SI, et al.  
Chem Pharm Bull (Tokyo) 17:1896-901, Sep 69

### METABOLISM

- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kapliukh RF, et al.  
Vop Pitn 28:25-7, Jul-Aug 69 (Rus)

### PHARMACODYNAMICS

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:741, 1969 (112 ref.)
- Immunologic aspects of plasminogen. Sachs V, et al.  
Angiology 21:1-4, Jan 70
- Some pharmacodynamic properties of carrageenin in the rat. Di Rosa M, et al.  
Brit J Pharmacol 38:214-20, Jan 70
- Studies on the fibrinolytic activity in human semen studied by gel filtration. Hisazumi H.  
Invest Urol 7:410-21, Mar 70
- Effect of an inhibitor of fibrinolysis upon the intravascular clearance of fibrin monomer in dogs. Pratt HW 2d, et al.  
J Amer Osteopath Ass 69:1049-50, Jun 70
- Bridged bicyclic and polycyclic amino acids. Potent new inhibitors of the fibrinolytic process. Loeffler LJ, et al. J Med Chem 13:926-35, Sep 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. J Trauma 10:287-98, Apr 70
- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al.  
Thromb Diath Haemorrh 22:263-72, 15 Nov 69
- [The respiratory effect of the antifibrinolytic agent PAMBA] Klink K, et al.  
Allerg Asthma (Leipzig) 15:167-71, 1969 (Ger)
- [Preliminary report on the local treatment of joints with the protease-inhibitor Contrykal] Engler J.  
Deutsch Gesundh 24:2195-6, 13 Nov 69 (Ger)
- [Antifibrinolytic and coagulation inhibiting effect of Contrykal] Schulz K, et al.  
Deutsch Gesundh 24:1057-60, 5 Jun 69 (Ger)
- [The effect of antifibrinolytic agents on thrombocyte aggregation in vitro and in vivo] Hladovec J.  
Folia Haemat (Leipzig) 92:524-8, 1969 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. Folia Haemat (Leipzig) 92:84-9, 1969 (Ger)
- [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al.  
Folia Haemat (Leipzig) 92:78-83, 1969 (Ger)
- [On the combined effect of PAMBA and contrykal] Richter M, et al.  
Folia Haemat (Leipzig) 92:90-2, 1969 (Ger)
- [Proteinase inhibitors. 2. Proteinase inhibitors and



# SUBJECT SECTION

- insulin preparation] Stokov I, et al. (Ger)  
Pharmazie 24:477-9, Aug 69 (Ger)
- [Pharmacological aspects of fibrinolysis] Prino G, et al.  
Boll Chimicofarm 108:655-75 contd, Nov 69 (Ita)
- [Inactivation of adrenocorticotrophic hormone (ACTH).  
I. Inactivation of ACTH in the normal human plasma,  
and relationship between the structure and stability  
of ACTH] Matsuyama H.  
Folia Endocr Jap 45:163-72, 20 May 69 (Jap)
- [Clinical studies on the changes in clotting factor  
before and after extracorporeal circulation] Orumuka  
Y. J Kumamoto Med Soc 44:497-511, 25 Jun 70 (Jap)
- [Effect of drugs to the reaction experimentally  
induced by passive cutaneous anaphylaxis,  
bradykinin, histamine and serotonin] Takida K, et al.  
Jap J Allerg 18:530-3, Jun 69 (Jap)
- [Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)
- [Inhibitor of fibrinolysis from pancreas pantyprin]  
Lakin KM, et al.  
Farmakol Toksik 32:712-5, Nov-Dec 69 (Rus)
- [Thromboembolic complications, the coagulation and  
fibrinolytic blood system in heart defects with  
pronounced circulatory insufficiency] Gritsiuk AI.  
Kardiologiya 9:21-8, Sep 69 (Rus)
- [Tranexamic acid, a new antifibrinolytic agent]  
Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)
- [Glutamic, asparaginic and gamma-aminobutyric acid  
contents of rat brain tissue during overheating and  
following administration of Transamine and  
reserpine] Kozlov NB, et al.  
Ukr Biokhim Zh 41:519-22, 1969 (Ukr)
- STANDARDS**
- [Standardization of protease inhibitor from cattle  
organs] Markwardt F, et al.  
Pharmazie 24:620-2, Oct 69 (Ger)
- THERAPEUTIC USE**
- Husbandry of blood products; the clinical use of  
cyklokapron. O'Shea MJ, et al.  
Brit J Haemat 17:612-3, Dec 69
- Antifibrinolytic treatment with tranexamic acid  
(AMCA) in pediatric urinary tract surgery. Rö JS, et  
al. J Pediat Surg 5:315-20, Jun 70
- Management of abruptio placentae. Golditch IM, et al.  
JAMA 212:288-93, 13 Apr 70
- Haemostatic studies during clinical pig liver perfusion.  
Possible complication of intravascular coagulation.  
Flatmark A, et al. Scand J Gastroent 5:315-9, 1970
- AMCA (aminomethyl cyclohexane carboxylic acid,  
Cyklo-kapron) a potent haemostatic agent in urinary  
tract bleeding. Andersson L, et al.  
Scand J Urol Nephrol 3:169-76, 1969
- Antifibrinolytic therapy with Cyklokapron in  
connection with prostatectomy. A double blind study.  
Hedlund PO. Scand J Urol Nephrol 3:177-82, 1969
- Intravascular coagulation-fibrinolysis (ICF) syndrome  
and malignancy: historical review and report of two  
cases with metastatic carcinoma and with acute  
myelomonocytic leukemia. Didsheim P, et al.  
Thromb Diath Haemorrh 36:Suppl 36:215+, 1969
- [Use of antifibrinolytic agents in obstetrics] Vojta M.  
Cesk Gynek 35:384-6, Jul 70 (Cze)
- [Congestive Mediterranean splenomegaly and  
consummation coagulopathy. I. General  
characteristics of blood coagulation disorders  
observed in Mediterranean splenomegaly] Demange  
J, et al.  
Ann Med Intern (Paris) 120:827-33, Dec 69 (Fre)
- [Preliminary report on the local treatment of joints  
with the protease-inhibitor Contrykal] Engler J.  
Deutsch Gesundh 24:2195-6, 13 Nov 69 (Ger)
- [Current management in major surgical interventions  
in patients with hemophilia A] Wedell J, et al.  
Deutsch Med Wschr 94:2539-44, 5 Dec 69 (Ger)
- [Antifibrinolytic agents and their therapeutic use]  
Fischer M.  
Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)
- [Long-term treatment of hemophilia A with plasma  
fractions] Mey U, et al.  
Folia Haemat (Leipzig) 93:357-62, 1970 (Ger)
- [Hyperfibrinolysis as the cause of so-called  
"spontaneous hemorrhages"] Perlick E.  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)
- [Clinical studies on p-aminomethylbenzoic acid  
derivatives] Vogel G, et al.  
Folia Haemat (Leipzig) 92:93-8, 1969 (Ger)
- [Heparin therapy in hemorrhagic traumatic shock]  
Popov S, et al.  
Langenbecks Arch Chir 325:60-6, 1969 (Ger)
- [Mechanical and biochemical measures in the  
prevention of thromboembolism following  
prostatectomy] Schrader CP.  
Langenbecks Arch Chir 325:1088-90, 1969 (Ger)
- [Different forms of utilization coagulopathy and their  
treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Hemotherapy with an antithrombin-antiplasmin  
concentrate of human plasma (alpha2-macroglobulin  
concentrate)] Marx R, et al.  
Med Welt 50:2718-22, 13 Dec 69 (Ger)
- [Subarachnoid hemorrhages associated with increased  
fibrinolysis] Wleczorek V, et al.  
Munchen Med Wschr 112:366-9, 27 Jan 70 (Ger)
- [Bases for use of antifibrinolytics in obstetrics and  
gynecology] Halberstadt E, et al.  
Praxis 58:1456-61, 11 Nov 69 (Ger)
- [Fibrinolytically caused hemorrhage in urology]  
Holzknecht F, et al.  
Urol Int 24:385-417, 1969 (122 ref.) (Ger)
- [Reduction of post-prostatectomy bleeding by  
medication (experience with the antifibrinolytic  
agent AMCA)] Kaufmann J, et al.  
Urologe 8:57-9, Mar-Apr 69 (Ger)
- [Fibrinolytic activity of peripheral and uterine blood as  
influenced by p-aminomethylbenzoic acid (PAMBA)  
in pgnancy toxemias] Sleg U, et al.  
Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)
- [The blood coagulation and fibrinolytic enzyme system  
during and after extracorporeal circulation]  
Goldschmidt B, et al.  
Orv Hetil 111:1027-30, 3 May 70 (Hun)
- [Pharmacological aspects of fibrinolysis] Prino G, et al.  
Boll Chimicofarm 108:727-60 passim, Dec 69 (613 ref.)  
(Ita)
- [Surgical removal of myeloplaxoma in a hemophiliac]  
Gagliani N, et al.  
Rass Trim Odont 50:293-8, Oct-Dec 69 (Ita)
- [Studies on retinal artery occlusion. 11. Results of  
treatment] Imamura T.  
Acta Soc Ophthal Jap 73:1486-94, Sep 69 (Jap)
- [Clinical use of transamin in pharyngeal diseases]  
Horiguchi S, et al.  
Otolaryngology (Tokyo) 41:375-9, May 69 (Jap)
- [Treatment of hemophilla] Stavem P, et al.  
T Norsk Laegeforen 90:1413-8, 1 Jul 70 (Nor)
- [A new antifibrinolytic agent (cyklokapron) with effect  
against menorrhagia]  
T Norsk Laegeforen 89:1437, 15 Sep 69 (Nor)
- [Effect of induced fibrinolysis on the clinical course of  
myocardial infarction and pulmonary infarction]  
Zawilska K, et al.  
Pol Arch Med Wewnet 43:1055-63, Jul 69 (Pol)
- [Hematologic changes following surgery. II. Blood  
platelets, blood coagulation and fibrinolysis] Bogusz  
J, et al.  
Pol Przegl Chir 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Clinical treatment of disseminated intravascular  
blood clotting] Michalowska R.  
Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Treatment of medullary hypoplastic and aplastic  
conditions by biological substances] Blicharski J, et  
al. Przegl Lek 26:318-21, 1970 (Pol)
- [Use of Transamine, new antifibrinolytic agent. Its use  
in gynecology, obstetrics and surgery] Lemgruber I,  
et al. Hospital (Rio) 77:107-18, Jan 70 (Por)
- [The effect of antiplasmin on afibrinogenemia caused  
by the intravenous administration of Vipera  
lebetina VENOM] Pastorova VE, et al.  
Biull Eksp Biol Med 68:42-5, Dec 69 (Rus)
- [Application of epsilon-aminocaproic acid  
hydrochloride in hemorrhage in urological patients]  
Shemetov VD.  
Sovet Zdravookhr Kirgiz 1:62-4, Jan-Feb 70 (Rus)
- [Blood coagulation therapy in liver cirrhosis]  
Garcia-Conde Bru FJ, et al.  
Rev Esp Enferm Apar Dig 28:695-702, May 69 (Spa)
- TOXICITY**
- [Tranexamic acid, a new antifibrinolytic agent]  
Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)



# SUBJECT SECTION

## URINE

- [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al. *Folia Haemat (Leipzig)* 92:78-83, 1969 (Ger)

## ANTITHROMBIN

- [Hypo-antithrombinemia as the cause of mesenteric vein thrombosis] Nesje OA, et al. *Nord Med* 83:367-8, 19 Mar 70 (Nor)  
 [Presence and content of the fibrinogen-I-131 complex in the blood stream after intravenous thrombin administration] Filinkov AF. *Vop Med Khim* 16:59-62, Jan-Feb 70 (Rus)  
 [Antithrombin activity of the aortic wall in rats kept on an atherogenic diet] Oborina IuN, et al. *Vop Pitani* 28:29-31, Nov-Dec 69 (Rus)

## ANALYSIS

- Coagulation studies of the vascular intima. II. Antithrombin activity. Oe K. *Acta Haemat Jap* 32:297-310, Apr 69  
 The fatal haemorrhagic disease of chicken embryos injected with normal allantoic fluid. Simonsen M. *Acta Path Microbiol Scand [B]* 78:115-26, 1970  
 Studies on electrophoresis on cellulose acetate membrane of bovine serum proteins in healthy animals. Ek N. *Acta Vet Scand* 10:118-26, 1969  
 Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. *Canad J Physiol Pharmacol* 47:935-40, Nov 69  
 Estimation of prothrombin in liver disease. Mannucci PM. *J Clin Path* 23:291-5, May 70  
 Oral contraceptives and low antithrombin-3 activity. Wolf P. *Lancet* 1:144, 17 Jan 70  
 Immunological studies on human antithrombin 3. Influence of age, sex and use of oral contraceptives on serum concentration. Fagerhol MK, et al. *Scand J Haemat* 7:10-7, 1970  
 [Moschcowitz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al. *Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)  
 [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)  
 [Various aspects of blood coagulation in chronic pancreatitis with special reference to the antithrombin test] Facchini G, et al. *G Clin Med* 50:75-89, Jan 69 (Ita)  
 [Plasma coagulation tests. Phase 3] Abe T. *Jap J Clin Path* 16:Suppl 16:93+, 1969 (Jap)  
 [Can the measurement of antithrombin-3 point out women who run the risk of thrombosis with the use of P-pills?] Fagerhol MK, et al. *T Norsk Laegeforen* 90:1559-60, 15 Aug 70 (Nor)

## BIOSYNTHESIS

- [Kinetics of chronic consumption coagulopathy] Vinazzer H. *Wien Z Inn Med* 51:49-58, 1970 (Ger)

## BLOOD

- Changes in antithrombin 3 and plasminogen induced by oral contraceptives. Peterson RA, et al. *Amer J Clin Path* 53:468-73, Apr 70  
 Oral contraceptives and low antithrombin-3 concentration. Fagerhol MK, et al. *Lancet* 1:1175, 30 May 70  
 Oral contraceptives and low antithrombin-3 activity. Kaulla E von, et al. *Lancet* 1:36, 3 Jan 70  
 [Hypo-antithrombinemia as the cause of mesenteric vein thrombosis] Nesje OA, et al. *Nord Med* 83:367-8, 19 Mar 70 (Nor)

## ISOLATION & PURIFICATION

- Electrophoretic separation of two thrombin inhibitors in plasma and serum. Ganrot PO. *Scand J Clin Lab Invest* 24:11-4, Aug 69

## METABOLISM

- Binding of thrombin to antithrombin III. Abildgaard U. *Scand J Clin Lab Invest* 24:23-7, Aug 69

- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al. *Vop Pitani* 28:25-7, Jul-Aug 69 (Rus)  
 [Some indices of the blood coagulation system and antithrombin activity in protracted forms of infectious hepatitis] Dorofeeva RP. *Vrach Delo* 10:102-4, Oct 69 (Rus)

## PHARMACODYNAMICS

- The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al. *Rev Europ Etud Clin Biol* 15:442-3, Apr 70

## THERAPEUTIC USE

- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al. *Med Welt* 50:2718-22, 13 Dec 69 (Ger)

## BISHYDROXYCOUMARIN

- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 The endocellular distribution and the enzymatic oxidation and reduction of the liposoluble neutral fractions (LNF) acting on the blood pressure. Martini E, et al. *Enzymologia* 38:189-99, 31 Mar 70  
 Oral dosage form design and its influence on dissolution rates for a series of drugs. Hom FS, et al. *J Pharm Sci* 59:827-30, Jun 70  
 [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)

## ADMINISTRATION & DOSAGE

- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. Welch RM, et al. *Clin Pharmacol Ther* 10:817-25, Nov-Dec 69  
 Drug therapy. V. Oral anticoagulant therapy. Holcenberg JS, et al. *Northwest Med* 69:421-4, Jun 70

## ADVERSE EFFECTS

- Gangrene of the female breast with anticoagulant therapy: report of two cases. Martin BF, et al. *Amer J Clin Path* 53:622-6, May 70  
 The anticoagulant malingering. Psychiatric studies of three patients. Agle DP, et al. *Ann Intern Med* 73:67-72, Jul 70  
 The P.P.S.B. fraction. Josso F, et al. *Bibl Haemat* 34:18-22, 1970  
 Don't use the wrong vitamin K. Udall JA. *Calif Med* 112:65-7, Apr 70  
 Drug therapy. V. Oral anticoagulant therapy. Holcenberg JS, et al. *Northwest Med* 69:421-4, Jun 70  
 [Abdominal complications of anticoagulants (2 cases of hemoperitoneum)] Neidhardt JH, et al. *Lyon Med* 223:810-1, 12 Apr 70 (Fre)  
 [Spinal epidural hematoma during anticoagulant therapy] Schlicke R, et al. *Deutsch Med Wschr* 95:275-7, 6 Feb 70 (Ger)  
 [Liver diseases induced by Marcumar] Wlontzek H. *Deutsch Med Wschr* 95:356, 13 Feb 70 (Ger)  
 [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)

## ANALYSIS

- [Spectrophotometric method for quantitative determination of dicoumarin and neodiceumarin] Solomonova SG, et al. *Farm Zh (Kiev)* 25:83-4, 1970 (Ukr)

## ANTAGONISTS & INHIBITORS

- Don't use the wrong vitamin K. Udall JA. *Calif Med* 112:65-7, Apr 70  
 [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)

## BIOSYNTHESIS

- The biosynthesis of 4-hydroxycoumarin and dicoumarol by *Aspergillus fumigatus* Fresenius. Bye A, et al. *Biochem J* 117:237-45, Apr 70



# SUBJECT SECTION

## BLOOD

- Recent progress in pharmacogenetics. Vesell ES. *Advances Pharmacol Chemother* 7:1-52, 1969 (139 ref.)
- Kinetics of the anticoagulant effect of bishydroxycoumarin in man. O'Reilly RA, et al. *Clin Pharmacol Ther* 11:378-84, May-Jun 70
- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. Welch RM, et al. *Clin Pharmacol Ther* 10:817-25, Nov-Dec 69
- Comparative pharmacokinetics of coumarin anticoagulants. VI. Effect of plasma protein binding on the distribution and elimination of bishydroxycoumarin by rats. Levy G, et al. *J Pharm Sci* 58:1001-4, Aug 69
- Inhibition of drug metabolism by chloramphenicol. Christensen LK, et al. *Lancet* 2:1397-9, 27 Dec 69
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. *New Eng J Med* 282:1448-51, 25 Jun 70
- Influence of spironolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al. *Thromb Diath Haemorrh* 23:562-8, 30 Jun 70

## METABOLISM

- Recent progress in pharmacogenetics. Vesell ES. *Advances Pharmacol* 7:1-52, 1969 (234 ref.)
- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. Welch RM, et al. *Clin Pharmacol Ther* 10:817-25, Nov-Dec 69
- Comparative pharmacokinetics of coumarin anticoagulants. VI. Effect of plasma protein binding on the distribution and elimination of bishydroxycoumarin by rats. Levy G, et al. *J Pharm Sci* 58:1001-4, Aug 69
- Inhibition of drug metabolism by chloramphenicol. Christensen LK, et al. *Lancet* 2:1397-9, 27 Dec 69
- Microsomal enzyme induction by drugs. Conney AH. *Pharmacol Physicians* 3:1-5, Dec 69
- The hydroxylation of drugs—a pharmacogenetic problem? Evans DA. *Proc Roy Soc Med* 63:178, Feb 70
- Determination of psychotropic drugs in body fluids. Helm HJ van der, et al. *Psychiat Neurol Neurochir* 72:507-12, Nov-Dec 69
- Influence of spironolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al. *Thromb Diath Haemorrh* 23:562-8, 30 Jun 70
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)

## PHARMACODYNAMICS

- Influence of some inhibitors on tetrazolium reduction under conditions of the histochemical localization of NAD(P)-linked dehydrogenases. Kraayenhof R, et al. *Acta Histochem (Jena)* 35:102-7, 1970
- Oxidation of reduced nicotinamide adenine dinucleotide by *Mycobacterium phlei*. Zagórski W, et al. *Acta Microbiol Pol [A]* 1:135-44, 1969
- Effect of salicylate treatment on fetal and maternal prothrombin time in the mouse. Eriksson M. *Acta Physiol Scand* 78:39-42, Jan 70
- The effect of inhibitors on the formation of phosphoenolpyruvate by rat liver mitochondria. Bartley W, et al. *Biochem J* 115:903-12, Dec 69
- The function of ubiquinone in *Escherichia coli*. Cox GB, et al. *Biochem J* 117:551-62, Apr 70
- Rate of uncoupler-induced hydrolysis of adenosine triphosphate in mitochondria. Kemp A Jr. *Biochem J* 116:10P, Feb 70
- Effect of uncouplers on anion transport in rat liver mitochondria. Papa S, et al. *Biochem J* 116:38P-39P, Feb 70
- Kinetics of the anticoagulant effect of bishydroxycoumarin in man. O'Reilly RA, et al. *Clin Pharmacol Ther* 11:378-84, May-Jun 70
- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. Welch RM, et al. *Clin Pharmacol Ther* 10:817-25, Nov-Dec 69
- Combinations of agents which induce ATP energized mitochondrial volume changes. Hadler HI, et al. *J Antibiot (Tokyo)* 23:276-87, Jun 70
- Comparative effects of four uncouplers on the enthalpy

- change for mitochondrial oxidation of succinate by ferricyanide. Dohm GL, et al. *J Biol Chem* 245:2773-8, 10 Jun 70
- Control of energy metabolism in hamster brown adipose tissue. Williamson JR. *J Biol Chem* 245:2043-50, 25 Apr 70
- Bioenergetics of brown adipose tissue. Horwitz BA, et al. *Lipids* 5:30-4, Jan 70
- Conformational changes of mitochondria associated with uncoupling of oxidative phosphorylation in vivo and in vitro. Buffa P, et al. *Nature (London)* 226:272-4, 18 Apr 70
- Thromboplastin as a reagent. Quick AJ. *Thromb Diath Haemorrh* 23:585-92, 30 Jun 70
- Influence of spironolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al. *Thromb Diath Haemorrh* 23:562-8, 30 Jun 70
- [The effect of coumarin, indandione and benzofuran derivatives on renal excretion of uric acid] Zöllner N, et al. *Deutsch Med Wschr* 94:2652-4, 19 Dec 69 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al. *Folia Haemat (Leipzig)* 92:529-32, 1969 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Study of the light and dark stages of photo-induced synthesis of carotenoids by *Mycobacterium flavum* var. *methanicum*] Nikitina KA, et al. *Mikrobiologiya* 38:389-96, May-Jun 69 (Rus)
- [Drug induced changes of the blood glucose lowering effect of oral hypoglycemic agents] Christensen LK, et al. *Acta Diabet Lat [Suppl]* 1:116-36, Sep 69 (Mul)

## POISONING

- [Observations during a mass intoxication with rat poison in pigs] Marschang F. *Deutsch Tierärztl Wschr* 77:282-6, 15 Jun 70 (Ger)

## THERAPEUTIC USE

- A clinical trial designed to test the relative value of two simple methods of reducing the risk of venous stasis in the lower limbs during surgical operations, the danger of thrombosis, and a subsequent pulmonary embolus, with a survey of the problem. Doran FS, et al. *Brit J Surg* 57:20-30, Jan 70
- A contribution to the aetiopathogenesis and treatment of acute thrombophlebitis. Denev B. *J Cardiovasc Surg (Torino)* 10:362-5, Sep-Oct 69
- Results of surgical treatment of occlusive arterial disease affecting the lower limbs, 1953-1967. Ferguson IA, et al. *Med J Aust* 1:745-54, 11 Apr 70
- Renal transplantation in the inbred rat. XVI. Effects of salicylates and anticoagulant drugs on rejection. Shehadeh IH, et al. *Transplantation* 10:75-85, Jul 70
- [On the treatment of myocardial infarct with special reference to fibrinolytic substances] Heinrich HG. *Folia Haemat (Leipzig)* 92:38-45, 1969 (Ger)
- [Anticoagulants. 43] Striegler G. *Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Corticosteroids in the prevention and therapy of conduction disorders caused by myocardial infarct] Battaglia G, et al. *Boll Soc Ital Cardiol* 14:622-8, 1969 (Ita)
- [Coronary thrombosis and blood coagulability with reference to the suspension of anticoagulant therapy] Vanacore C, et al. *Haemat Lat* 11:387-417, Oct-Dec 68 (Ita)
- [Thrombocytographic changes during treatment with a coumarin derivative] Ferri F, et al. *Minerva Med* 61:309-18, 27 Jan 70 (Ita)
- [Control of dicoumarol therapy by means of in vitro heparin tolerance test and thrombelastography] Cañizares C, et al. *Sangre (Barc)* 15:170-5, 1970 (Spa)

## BLOOD COAGULATION

- Coagulation and fibrinolysis in chronic panniculitis. Isacson S, et al. *Acta Dermatovenet (Stockholm)* 50:213-7, 1970
- The blood coagulation system in tetanus patients. Okulski J. *Acta Med Pol* 10:291-307, 1969
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969



- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. *Acta Obstet Gynec Scand* 48:392-404, 1969
- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:405-15, 1969
- Influence of pre-eclampsia upon coagulation and fibrinolysis in women and their newborn infants immediately after delivery. Nielsen NC. *Acta Obstet Gynec Scand* 48:523-41, 1969
- Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:505-22, 1969
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ. *Acta Paediat Scand* 59:551-7, Sep 70
- Histological staining properties of in vitro formed fibrin clots and precipitated fibrinogen. Moe N, et al. *Acta Path Microbiol Scand* 76:61-73, 1969
- Experimental tumour metastases and blood coagulability. Hagmar B. *Acta Path Microbiol Scand [Suppl]* 211:Suppl 211:5+, 1970
- Isolation of fibrinopeptides formed during intravascular coagulation in dogs. Gröndahl NJ, et al. *Acta Physiol Scand* 76:369-75, Jul 69
- Metabolism during the postinjury period. Cuthbertson D, et al. *Advances Clin Chem* 12:1-55, 1969 (158 ref.)
- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H. *Aerospace Med* 41:331-6, Mar 70 (80 ref.)
- Microcalorimetry of the processes of coagulation in normal conditions and after exposure to a constant magnetic field. Piruzyan LA, et al. *Aerospace Med* 40:1140-1, Oct 69
- Electron microscopic observations on fibrinoid and histiocyte in the junctional zone and villi of the human placenta. Dempsey EW, et al. *Amer J Anat* 128:463-84, Aug 70
- Early events at the aortic homograft-bloodstream interface. Ryan SF, et al. *Amer J Path* 59:453-68, Jun 70
- Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al. *Amer J Path* 57:127-52, Oct 69
- Thromboplastin and plasminogen activator in tissues of the rabbit. Glas P, et al. *Amer J Physiol* 219:1140-6, Oct 70
- Neural mechanisms in small vessel response to hemorrhage in the unanesthetized bat. Harris PD, et al. *Amer J Physiol* 218:560-5, Feb 70
- Warfarin metabolism and vitamin K requirement in the warfarin-resistant rat. Hermodson MA, et al. *Amer J Physiol* 217:1316-9, Nov 69
- Platelet volume: effect of temperature and agents affecting platelet aggregation. Salzman EW, et al. *Amer J Physiol* 217:1330-8, Nov 69
- Platelet aggregation and plug formation: a model test system. Silver MJ. *Amer J Physiol* 218:384-8, Feb 70
- Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ. *Amer J Physiol* 218:389-95, Feb 70
- Bodily defenses against thrombosis. Takats G de, et al. *Amer J Surg* 120:73-81, Jul 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70
- An in vitro study of the relationship of blood pH to blood clotting time. Chaitin H, et al. *Angiology* 21:591-4, Oct 70
- Renal, metabolic, and circulatory responses to heat and exercise. Studies in military recruits during summer training, with implications for acute renal failure. Schrier RW, et al. *Ann Intern Med* 73:213-23, Aug 70
- A new look at prosthetic materials. Vallathan MS. *Ann Roy Coll Surg Eng* 45:131-49, Sep 69
- Dynamic blood coagulation, thrombus formation and degradation in patients with peripheral vascular disease (arteriosclerosis, including diabetic): an in vitro study. Ditenfass L, et al. *Ann Surg* 170:984-95, Dec 69
- Changes in the filtration characteristics of stored blood. Moseley RV, et al. *Ann Surg* 171:329-35, Mar 70
- Death associated with multiple pulmonary emboli soon after battle injury. Moseley RV, et al. *Ann Surg* 171:336-46, Mar 70
- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. *Arch Biochem* 134:1-7, Oct 69
- Simultaneous determination of radioactive labeled fibrinogen, haptoglobin and orosomucoid from small plasma samples. Dobryszcka W, et al. *Arch Immun Ther Exp* 18:201-7, 1970
- Recurrent hemoperitoneum. An unusual complication of regional enteritis. McCullough FS, et al. *Arch Intern Med (Chicago)* 126:514-6, Sep 70
- Postvaricella bleeding presenting as epistaxis. Goldstein A. *Arch Otolaryng (Chicago)* 92:173, Aug 70
- Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis. Smith GF, et al. *Arch Path (Chicago)* 89:235-46, Mar 70
- Coagulation changes following hepatic circulatory arrest in dogs. Brockis JG, et al. *Aust New Zeal J Surg* 39:71-5, Aug 69
- Transfusion in hemophilia. Creveld S van. *Bibl Haemat* 34:1-8, 1970
- Platelet phosphorylase activity in the presence of activators and inhibitors of aggregation. Deisseroth A, et al. *Biochem Biophys Res Commun* 39:551-7, 11 May 70
- Polypeptide chain involved in the cross-linking of stabilized bovine fibrin. Takagi T, et al. *Biochem Biophys Res Commun* 38:129-36, 6 Jan 70
- Enzymology and blood coagulation. Esnouf MP. *Biochem J* 115:1P-2P, Nov 69
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69
- Determination of blood coagulation using impedance measurements. Ur A. *Biomed Engin* 5:342-5, Jul 70
- Further comments on the basic equation for coagulation. Blair GW. *Biorheology* 6:341-2, Apr 70
- Microangiopathic haemolytic anaemia: experimental production of fragmented erythrocytes in vitro. Bull BS, et al. *Biorheology* 6:262, Jan 70
- The dynamic viscoelasticity of blood during coagulation. Fukada E, et al. *Biorheology* 6:247, Jan 70
- Dynamic viscoelastic study for the structure of fibrin networks in the clots of blood and plasma. Kaibara M, et al. *Biorheology* 6:329-39, Apr 70
- Complexing of transcobalamin 2 and apparent combination with heparin. Cooper BA. *Blood* 35:829-37, Jun 70
- A closed system for large-scale lymphocyte purification. Woods AH. *Blood* 35:39-43, Jan 70
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. *Brit J Haemat* 18:135-45, Feb 70
- Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of screening tests of clot solubility. Dvilansky A, et al. *Brit J Haemat* 18:399-410, Apr 70
- Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al. *Brit J Haemat* 19:33-46, Jul 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al. *Brit J Haemat* 18:643-52, Jun 70
- Inactivation of "Arvin" by plasma proteins. Pitney WR, et al. *Brit J Haemat* 19:67-81, Jul 70
- Studies on the haemostatic mechanism following exercise. Prentice CR, et al. *Brit J Haemat* 17:611, Dec 69
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al. *Brit Med J* 2:200-3, 25 Apr 70
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al. *Brit Med J* 1:564-7, 6 Jun 70
- Platelet aggregation by lathyrin collagen. Bańkowski E, et al. *Bull Acad Pol Sci [Biol]* 17:141-2, 1969
- Local and systemic factors in the pathogenesis of thrombosis. Deykin D. *Calif Med* 112:31-40, Mar 70 (93 ref.)
- Inactivation of bovine thrombin by nitrous acid. Magnusson S, et al. *Canad J Biochem* 48:432-7, Apr 70
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- Check valve airway obstruction by blood clot. Brennan FJ, et al. *Canad Med Ass J* 102:630-1, 28 Mar 70
- Dynamic blood coagulation and viscosity and degradation of artificial thrombi in patients with hypertension. Ditenfass L, et al. *Cardiovasc Res* 4:50-60, Jan 70
- Thromboembolism: a manifestation of the response of



- blood to injury. Mustard JF, et al. *Circulation* 42:1-21, Jul 70 (139 ref.)
- Plasma fibrinogen: determination, normal values, physiopathologic shifts, and fluctuations. Grannis GF. *Clin Chem* 16:486-94, Jun 70
- Generation of the proteolytic activity bound with alpha 2-macroglobulin during plasma clotting. Szczeklik A. *Clin Chim Acta* 27:339-46, Feb 70
- Thalidomide in the treatment of erythema nodosum leprosum. With a note on selected laboratory abnormalities in erythema nodosum leprosum. Hastings RC, et al. *Clin Pharmacol Ther* 11:481-7, Jul-Aug 70
- Studies on the blood of the Tasmanian devil. Parsons RS, et al. *Comp Biochem Physiol* 32:345-51, 15 Jan 70
- The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. *Cor Vasa* 11:198-206, 1969
- Significance of complement to the mechanism of action of endotoxin. Mergenhagen SE, et al. *Curr Top Microbiol Immun* 50:37-77, 1969 (129 ref.)
- Thrombosthenin M. Purification and interaction with thrombin. Cohen I, et al. *Europ J Biochem* 10:388-94, Sep 69
- Accumulation of 5-hydroxydopamine in 5-HT storage organelles of cat platelets and concomitant changes in platelet aggregation. Baumgartner HR, et al. *Experientia* 25:857-9, 15 Aug 69
- Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.). Gilliam M, et al. *Experientia* 26:908-9, 15 Aug 70
- DNA, a controlling factor in the conversion of plasminogen to plasmin. Hakim AA. *Experientia* 25:995-6, 15 Sep 69
- Haematological observations on the squirrel monkey. Capel-Edwards K, et al. *Folia Primat (Basel)* 12:142-60, 1970
- Fibrinolysis mechanism in cardio-pulmonary surgery. Singh G, et al. *Indian J Med Res* 57:2197-202, Dec 69
- Thrombelastographic studies on coagulation under influence of antigen-antibody reactions. Yoshida T, et al. *Int Arch Allerg* 38:627-34, 1970
- Platelet factor 3 availability in Glanzmann's disease. Inceman S, et al. *Israel J Med Sci* 5:1259-62, Nov-Dec 69
- Response of ischemic heart disease to chondroitin sulfate-A. Morrison LM. *J Amer Geriatr Soc* 17:913-23, Oct 69
- A nonthrombogenic diffusion membrane for continuous in vivo measurement of blood gases by mass spectrometry. Brantigan JW, et al. *J Appl Physiol* 28:374-7, Mar 70
- Thrombogenicity of some biomedical materials: platelet-interface reactions. Mason RG, et al. *J Biomed Mat Res* 3:615-44, Dec 69
- Electrosorption of amino acids peptides and proteins in relation to the compatibility of materials and the human body. Stoner GE. *J Biomed Mat Res* 3:655-67, Dec 69
- Nonthrombogenic surface preparation for silicone rubber. Uy S, et al. *J Biomed Mat Res* 3:587-613, Dec 69
- Relationship of platelet retention in glass bead columns to the rate of aggregation with adenosine diphosphate and thrombin. Bloom AL, et al. *J Clin Path* 22:560-2, Sep 69
- Serum fibrinolytic activity and recalcified plasma clotting time in ischaemic heart disease. Arora A, et al. *J Indian Med Ass* 53:477-82, 16 Nov 69
- Studies on the preservation of human blood. V. The effect of mixing anticoagulated blood during storage on the poststorage erythrocyte survival. Dern RJ, et al. *J Lab Clin Med* 75:37-42, Jan 70
- Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinopeptide B. Herzig RH, et al. *J Lab Clin Med* 76:451-65, Sep 70
- Detection of endotoxin in human blood and demonstration of an inhibitor. Levin J, et al. *J Lab Clin Med* 75:903-11, Jun 70
- Effects of the spleen on canine factor VIII levels. McKee PA, et al. *J Lab Clin Med* 75:391-402, Mar 70
- Prothrombin in factor X deficiency. Malhotra CP, et al. *J Lab Clin Med* 75:120-7, Jan 70
- Release of adenine nucleotides and platelet factor 4 from platelets of man and four other species. Thomas DP, et al. *J Lab Clin Med* 75:607-18, Apr 70
- "Hot spots" in lung scans. Preston DF, et al. *J Nucl Med* 11:422-5, Jul 70
- Action of rare earth metal complexes on neurogenic as well as on bradykinin-induced inflammation. Jancsó-Gábor A, et al. *J Pharm Pharmacol* 22:366-71, May 70
- Cellular aspects of blood clotting in the seastar and the hermit crab. Bang FB. *J Reticuloendothel Soc* 7:161-72, Feb 70
- The causes of progressive pulmonary insufficiency in surgical patients. Collins JA. *J Surg Res* 9:685-704, Dec 69 (203 ref.)
- The use of autogenous peritoneum for heart valve replacement. Fadall AM, et al. *J Thorac Cardiovasc Surg* 60:188-95, Aug 70
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al. *J Trauma* 9:939-65, Nov 69
- Some significant biochemical parameters found in 300 shock patients. Cowley RA, et al. *J Trauma* 9:926-38, Nov 69
- Electron microscope studies on the hemostatic process in bird embryos. II. In vivo phagocytosis by nucleated thrombocytes. Edmonds RH. *J Ultrastruct Res* 30:184-94, Jan 70
- A simple declotting device for arteriovenous shunts. Albert DJ, et al. *J Urol* 103:9-10, Jan 70
- Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al. *JAMA* 213:1681-3, 7 Sep 70
- Irrigated sump tube drainage following open-heart surgery. Gianelli S Jr, et al. *JAMA* 213:1038, 10 Aug 70
- Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. Hasegawa H, et al. *Jap Heart J* 11:258-68, May 70
- New technique for the creation of an atrial septal defect. Yokoyama M. *Jap Heart J* 11:177-82, Mar 70
- Chromatographic and electrophoretic separation of platelet-clumping substance in rabbit plasma. Yamazaki H, et al. *Jap J Physiol* 20:261-71, 15 Jun 70
- Plasma clotting of adult female rhesus monkeys (*Macaca mulatta*). Rao GN, et al. *Lab Anim Care* 20:88-92, Feb 70
- Thromboplastic and fibrinolytic activity in lungs of some mammals. Astrup T, et al. *Lab Invest* 22:381-6, May 70
- Induction of large thrombi in hyperlipemic rats by epinephrine and endotoxin. Renaud S, et al. *Lab Invest* 21:512-8, Dec 69
- Effect of smoking on blood-clotting and lipid and lipoprotein levels. Pozner H, et al. *Lancet* 760:1318-21, 20 Jun 70
- Pathogenesis of the glomerular lesions in acute pancreatitis. Simon GT, et al. *Lancet* 2:669-70, 26 Sep 70
- The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al. *Life Sci* 8:925-32, 15 Sep 69
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70
- Effects of monoamine oxidase inhibitors, glyceryl gualacolate, and ethanol on experimental arterial thrombosis. Duval DL, et al. *Mayo Clin Proc* 45:579-85, Aug 70
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Liver trauma Royal Melbourne Hospital experience, 1956 to 1969. Hardy KJ. *Med J Aust* 1:929-32, 9 May 70
- Cyclic 3',5'-adenosine monophosphate in human blood platelets. Salzman EW, et al. *Nature (London)* 224:609-10, 8 Nov 69
- Changes in the electrical impedance of blood during coagulation. Ur A. *Nature (London)* 226:269-70, 18 Apr 70
- Coagulation and Shwartzman reaction. Colman RW, et al. *New Eng J Med* 281:1368, 11 Dec 69
- The clinical challenge of disseminated intravascular coagulation. Deykin D. *New Eng J Med* 283:636-44, 17 Sep 70
- Coagulation and Shwartzman reaction. Hall WD. *New Eng J Med* 281:1367-8, 11 Dec 69
- Aspirin, platelets and hemostasis. Quick AJ. *New Eng J Med* 283:598, 10 Sep 70
- Coagulation in renal allograft rejection. Rodriguez-Erdmann F, et al. *New Eng J Med* 281:1428, 18 Dec 69
- Hemodialysis and hemostatic function. Hesse VE, et al. *New York J Med* 70:1851-6, 15 Jul 70
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipiński B, et al. *Path Microbiol (Basel)* 34:295-304, 1969



- Some biophysical aspects of coagulation. LeBeau RJ, et al. *Phys Med Biol* 15:195, Jan 70
- Serum proteolytic activity bound with alpha2-macroglobulin in hepato-biliary diseases. Szczekliki A. *Pol Arch Med Wewnet* 4:331-6, Apr-May 70
- Disturbances of blood coagulation in acute pancreatitis. Florkiewicz H, et al. *Pol Med J* 8:1292-6, 1969
- Correlated responses of blood coagulation and prothrombin times to selection for body weight. Mohapatra SC, et al. *Poult Sci* 48:742-3, Mar 69
- A technique for estimation of platelet-collagen adhesion. Spaet TH, et al. *Proc Soc Exp Biol Med* 132:1038-41, Dec 69
- The wonderful world of U. White MJ. *RN* 32:47-9, Oct 69
- Prothrombin fragmentation during coagulation of whole blood and plasma. Ganrot PO, et al. *Scand J Clin Lab Invest* 24:15-21, Aug 69
- Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Norén I. *Scand J Clin Lab Invest* 25:47-58, Jan 70
- Catheter material and blood coagulation studies in vitro. Jacobsson B, et al. *Scand J Haemat* 6:386-94, 1969
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al. *Scand J Haemat* 6:250-61, 1969
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J. *Scand J Haemat Suppl* 11:1+, 1970
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J. *Scand J Haemat* 6:343-7, 1969
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al. *Scand J Urol Nephrol* 3:23-9, 1969
- Shear degradation of fibrinogen in the circulation. Charm SE, et al. *Science* 170:466-8, 23 Oct 70
- Coagulation inhibitor elicited by thrombin. Marciniak E. *Science* 170:452-3, 23 Oct 70
- Humoral antibodies and coagulation mechanisms in the accelerated or hyperacute rejection of renal homografts in sensitized canine recipients. Simpson KM, et al. *Surgery* 68:77-85, Jul 70
- Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al. *Texas Rep Biol Med* 27:955-61, Winter 69
- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al. *Thromb Diath Haemorrh* 22:263-72, 15 Nov 69
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:171-6, 1969
- Discriminant analysis on coagulation and fibrinolytic data obtained during liver homotransplantation. Currin DR, et al. *Thromb Diath Haemorrh* 22:411-6, 31 Dec 69
- Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. Engelberg H. *Thromb Diath Haemorrh* 22:344-50, 15 Nov 69
- Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al. *Thromb Diath Haemorrh* 22:273-80, 15 Nov 69
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al. *Thromb Diath Haemorrh* 22:223-33, 15 Nov 69
- The interaction of platelets with polymer surfaces. I. Uncharged hydrophobic polymer surfaces. Lyman DJ, et al. *Thromb Diath Haemorrh* 23:120-8, 28 Feb 70
- Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD. *Thromb Diath Haemorrh* 23:12-8, 28 Feb 70
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. *Thromb Diath Haemorrh* 23:477-85, 30 Jun 70
- Reticuloendothelial function and blood coagulation in rats. Pechet L, et al. *Thromb Diath Haemorrh* 22:508-12, 31 Dec 69
- The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T. *Thromb Diath Haemorrh* 22:360-71, 15 Nov 69
- The coagulation system during the passage of blood through the body. Simultaneous determinations of thrombocyte count and 9 plasma activities in samples from 5 different blood vessels in the rabbit. Schimpf K, et al. *Thromb Diath Haemorrh* 22:326-35, 15 Nov 69
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969
- Some characteristics of the clottable protein of *Ilmulus polyphemus* blood cells. Solum NO. *Thromb Diath Haemorrh* 23:170-81, 28 Feb 70
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al. *Thromb Diath Haemorrh* 36:Suppl 36:269+, 1969
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al. *Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969
- Serum transfusion as a hemostatic procedure. Chiba Y. *Tohoku J Exp Med* 98:303-27, Aug 69
- Automatically controlled continuous recovery of plasma protein fractions for clinical use. A preliminary report. Watt JG. *Vox Sang* 18:42-61, Jan 70
- [Therapeutic use of gestagenic preparations and side-effects of their use] Lysgaard H. *Ugeskr Laeg* 132:742-5, 16 Apr 70 (Dan)
- [Intravascular coagulation in toxemia and eclampsia] Smorenberg-Schoorl ME, et al. *Nederl T Geneesk* 114:400-2, 28 Feb 70 (Dut)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. *Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Intravascular coagulation in toxemia and eclampsia] Smorenberg-Schoorl ME, et al. *Nederl T Verlosk* 70:140-54, Apr 70 (Dut)
- [The weak inhibitors of factor VIII in patients with hemophilia A] Mayer G, et al. *Blut* 19:517-28, 1969 (Fre)
- [Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. *Bull Soc Chim Biol (Paris)* 51:635-48, 18 Sep 69 (Fre)
- [Treatment of endotoxic shock] Monsallier JF. *Cah Anesth* 17:773-85, Nov 69 (Fre)
- [The coagulation of Harry] Carter TL. *Infirm Canad* 12:46-7, May 70 (Fre)
- [The ultrastructure of blood platelets with reference to their hemostatic function] Hovig T. *Nouv Rev Franc Hemat* 9:496-506, Jul-Aug 69 (Fre)
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al. *Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)
- [Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)
- [Recent acquisitions in crenotherapy in phlebology] Canal Y. *Phlebologie* 22:211-7, Apr-Jun 69 (Fre)
- [Homeopathic therapy of varicose conditions and associated edemas] Rouy A. *Phlebologie* 22:349-54, Oct-Dec 69 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courblier R, et al. *Presse Med* 77:1427-8, 4 Oct 69 (Fre)
- [Hemostasis in donor areas of skin grafts and autoplasic flaps] Roucher F. *Presse Med* 77:1953-4, 6 Dec 69 (Fre)
- [Pills and thrombosis (platelets, estrogens and magnesium)] Durlach J. *Rev Franc Endocr Clin* 11:45-54, Jan-Feb 70 (Fre)
- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al. *Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)
- [The great hemorrhagic diatheses] Paccalin J. *Rev Odontostomat Midi France* 27:58-74, 1969 (Fre)
- [Hypertensive blood pressure reactions and enhanced coagulability of blood during the course of an experimental neurosis in the dog] Gnüchtel U, et al. *Acta Biol Med German* 22:123-34, 1969 (Ger)
- [Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al. *Acta Chir Acad Sci Hung* 10:359-66, 1969 (Ger)
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Effect of blood coagulation and platelet desintegration on enzyme activities in the human blood] Kluge A, et al. *Blut* 21:20-8, Jul 70 (Ger)
- [Relationship between platelet factor 3 and adenosine diphosphate and the product from contact activation]



- of the blood coagulation system] Kommerell B, et al. *Blut* 20:31-6, Jan 70 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. (Ger)
- Chirurg* 40:76-80, Feb 69 (Ger)
- [Observations on purpura pigmentosa progressiva from the special aspect of clotting analysis findings] Petter O, et al. *Derm Mschr* 155:213-24, 1969 (Ger)
- [Changes in blood coagulation in the course of experimental renal hypertension in dogs] Gnüchtel U, et al. *Deutsch Gesundh* 24:913-8, 15 May 69 (Ger)
- [Blood coagulation studies during the immunizing phase of leptospirosis with hemorrhagic disease course] Paar D, et al. *Deutsch Med Wschr* 95:954-8, 24 Apr 70 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. (Ger)
- Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [In vitro studies on urokinase] Fischer M, et al. *Folia Haemat (Leipzig)* 92:51-6, 1969 (Ger)
- [Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E. *Folia Haemat (Leipzig)* 92:20-7, 1969 (Ger)
- [The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)
- [Endogenous and exogenous fibrinolysis] Perlick E, et al. *Folia Haemat (Leipzig)* 92:28-32, 1969 (Ger)
- [The pyrogenesis of hemostasis] Rex JO, et al. *Folia Haemat (Leipzig)* 93:294-9, 1970 (Ger)
- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Behavior of blood coagulation in dependence on hydrogen-ion concentration] Zinsser O, et al. *Klin Wschr* 47:713-7, 1 Jul 69 (Ger)
- [Physiopathological principles of prevention and therapy of pulmonary embolism] Sandritter W. *Langenbecks Arch Chir* 325:1043-52, 1969 (Ger)
- [Blood changes in absolute and temporary food abstinence (fasting) combined with exercise therapy] Blümel PM, et al. *Med Welt* 37:2004-8, 13 Sep 69 (Ger)
- [Modern therapy of thromboembolism] Schmutzler R. *Med Welt* 12:467-77, 21 Mar 70 (46 ref.) (Ger)
- [Chemistry and pharmacology of plasma kinins and their physiologic and pathologic significance] Werle E. *Med Welt* 2:53-62, 10 Jan 70 (Ger)
- [Modification of certain parameters of blood coagulation by peritoneal dialysis] Ströder J, et al. *Mschr Kinderheilk* 117:357-60, Apr 69 (Ger)
- [Protracted massive cerebral hemorrhage in hyperfibrinolytic hypofibrinogenemia] Grote E, et al. *Nervenarzt* 40:385-9, Aug 69 (Ger)
- [Blood coagulation studies in cord blood: fetal fibrinogen?] Gmür J, et al. *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al. *Thromb Diath Haemorrh* 23:347-59, 1970 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection techniques] Gmür JP, et al. *Thromb Diath Haemorrh* 23:82-90, 28 Feb 70 (Ger)
- [Pathokinesis and cybernetics] Emmrich R. *Z Ges Inn Med* 24:593-9, 15 Sep 69 (Ger)
- [A case contribution to hemorrhagic mastocytosis] Buchholz W. *Z Haut Geschlechtskr* 44:113-20, 15 Feb 69 (Ger)
- [The patient under anticoagulant medication] Meyer H. *Zahnaerztli Welt* 78:986-7, 10 Nov 69 (Ger)
- [Physiopathology of the initial effect of bacterial endotoxins] Urbaschek B. *Zbl Bakt [Orig]* 212:537-44, 1970 (Ger)
- [Fat embolism. Pathophysiological bases of respiratory insufficiency and therapeutic consequences: intermittent positive-pressure respiration, induced hypothermia and enzyme inhibitor treatment (Trasylo)] Schlag G. *Zbl Chir* 94:524-40, 19 Apr 69 (Ger)
- [Determination of steroid elimination and blood coagulation during normal and toxemic pregnancy] Gáti I, et al. *Zbl Gynaek* 91:777-82, 14 Jun 69 (Ger)
- [Behavior of some phases of blood coagulation in hypothermia] Brenda E, et al. *Boll Soc Ital Biol Sper* 46:282-4, 31 Mar 70 (Ita)
- [Blood coagulation changes studied by means of thrombelastography in various neoplastic manifestations during medical, surgical, and radiotherapy] Barlattani M, et al. (Ita)
- Clin Ter* 49:221-58, May 69 (Ita)
- [Importance of the kidney in coagulo-fibrinolytic homeostasis. Preventive therapy of thromboembolic complications] Parodi A, et al. (Ita)
- Clin Ter* 51:453-64, Dec 69 (Ita)
- [Venous pathology in pregnancy] Lovotti A, et al. *Minerva Ginec* 21:13-22, 15 Jan 69 (Ita)
- [Vessels pathology in the puerperium] Schiatti E, et al. *Minerva Ginec* 21:23-34, 15 Jan 69 (Ita)
- [Pallade-like erythrocytes in blood pathology] Pezzica R, et al. *Minerva Pediat* 21:966-73, 26 May 69 (Ita)
- [Studies on the interaction between fibrinolytic system and early phase of blood coagulation] Saito H. *Acta Haemat Jap* 31:1031-9, Nov 68 (Jap)
- [Production of chronic subdural hematoma in the experimental animals] Watanabe S, et al. *Advances Neurol Sci (Tokyo)* 14:387-96, Jul 70 (Jap)
- [Metastasis of cancer and blood coagulation system] Shimada N, et al. *J Jap Med Ass* 62:1097-102, 1 Dec 69 (Jap)
- [Coagulation and fibrinolysis observed in the placenta] Soma H, et al. *J Jap Obstet Gynec Soc* 22:515-20, May 70 (Jap)
- [Symposium on the introduction of rheology into internal medicine. Rheology of thrombus formation] Kikuchi A. *J Jap Soc Intern Med* 58:1351-5, 10 Dec 69 (Jap)
- [Symposium on the introduction of rheology into internal medicine. Blood coagulation in rheology] Matsuoka M. *J Jap Soc Intern Med* 58:1344-50, 10 Dec 69 (Jap)
- [Studies on the coagulation and fibrinolytic activity of the human aorta. II. Coagulation and fibrinolytic activity in the aorta] Oishi M. *J Jap Soc Intern Med* 58:1363-75, 10 Dec 69 (Jap)
- [Systemic effects of tooth extraction, with special reference to the blood coagulation system] Sakamura Y. *J Jap Stomat Soc* 37:158, Jun 70 (Jap)
- [Thrombelastographic studies on blood coagulation during antigen-antibody reaction] Yoshida H. *Jap J Allerg* 19:82-90, Feb 70 (Jap)
- [Effect of acute hyperventilation in general anesthesia on coagulation and fibrinolysis systems] Tanaka R. *Jap J Anesth* 19:39-45, Jan 70 (Jap)
- [Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T. *Jap J Clin Med* 28:1448-54, May 70 (20 ref.) (Jap)
- [Properties of the arterial wall and atherosclerosis—elastic type of arteries and muscular type of arteries] Tanaka K. *Jap J Clin Med* 28:1498-503, May 70 (Jap)
- [Hyperlipemia and blood coagulation] Abe K. *Jap J Clin Path* 18:256-60, Apr 70 (Jap)
- [Blood coagulation and hemostasis] Matsuoka M. *Jap J Clin Path* 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Defibrination syndrome in obstetrics] Soma H, et al. *Jap J Clin Path* 17:843-9, Nov 69 (Jap)
- [Hyperlipemia and platelet aggregation] Ukita M, et al. *Jap J Clin Path* 18:271-4, Apr 70 (Jap)
- [Blood coagulability in coronary sclerosis—results of thrombelastography] Toyama S, et al. (Jap)
- Saishin Igaku* 25:951-6, Apr 70 (Jap)
- [Intrauterine curettage and the capacity of blood coagulation] Shinagawa N, et al. *Sanfujin Jissai* 19:758-62, Jul 70 (Jap)
- [Systemic effect of pelvic fracture] Sugimoto T, et al. *Surg Ther (Osaka)* 21:705-11, Dec 69 (Jap)
- [Oral surgery in hemophilic patients] Johansen J. *Norske Tannlaegeforen Tid* 79:535-45, Oct 69 (Nor)
- [Role of blood coagulation and fibrinolysis in pathogenesis of arteriosclerosis] Lipiński B. *Kardiol Pol* 13:81-8, 1970 (Pol)
- [Blood clotting and fibrinolysis in mucoviscidosis in adults] Dzielowska M, et al. *Pol Arch Med Wewnet* 43:1453-8, Oct 69 (Pol)
- [Extracorporeal perfusion of heterologous liver in man] Niełubowicz J, et al. *Pol Arch Med Wewnet* 44:565-8, Jun 70 (Pol)
- [Enzymes of plasma and blood serum] Szczeklik A. *Pol Tyg Lek* 25:1142-5, 27 Jul 70 (12 ref.) (Pol)
- [Blood coagulation in arteriosclerosis] Zola-Szczek E. *Pol Tyg Lek* 25:28-9, 5 Jan 70 (Pol)
- [Personal studies of blood coagulation system in patients with arteriosclerosis] Zola-Szczek E. *Pol Tyg Lek* 25:288-91, 23 Feb 70 (Pol)
- [Blood coagulation system in thrombelastographic findings in bronchial asthma] Zola-Szczek E, et al. *Pol Tyg Lek* 25:1083-5, 20 Jul 70 (Pol)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. (Pol)
- Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)



# SUBJECT SECTION

## BLOOD

- [Coagulating function of the desialic prothrombin] Jacob H. Postepy Hig Med Dosw 24:565-608, 1970 (Pol)
- [Activation of plasmin in human blood] Kotschy M. Postepy Hig Med Dosw 24:231-89, Mar-Apr 70 (Pol)
- [Role of erythrocytes in blood coagulation] Gaertner H. Przegl Lek 25:649-52, 1969 (Pol)
- [Biochemical aspects of various hemostatic platelet disorders] Farbiszewski R, et al. Wiad Lek 23:37-42, 1 Jan 70 (Pol)
- [The role of lipoproteins in the process of fibrinolysis] Skrzydlewski Z. Wiad Lek 23:1017-21, 15 Jun 70 (38 ref.) (Pol)
- [Delivery of the placenta and mechanism of hemostasis in the uterus in the 3d stage of labor] Petrov-Maslakov MA, et al. Akush Ginek (Moskva) 46:44-8, Apr 70 (Rus)
- [Late results of pregnancy and labor in women with Werlhof's disease] Sautina VO. Akush Ginek (Moskva) 45:36-9, Jun 69 (Rus)
- [Some peculiarities of the thromboelastogram in pregnancy and puerperium] Terskala LV. Akush Ginek (Moskva) 45:63-5, Nov 69 (Rus)
- [Blood coagulation system in women with pathological blood losses in labor and early puerperium] Viankin KI. Akush Ginek (Moskva) 45:71-2, Nov 69 (Rus)
- [The effect of the zeta-potential on hemocoagulation in blood vessels] Markosina AA, et al. Biull Eksp Biol Med 67:39-42, May 69 (Rus)
- [Depression of the physiologic anticoagulant system during the prolonged effect of sound] Mikhailova LV, et al. Biull Eksp Biol Med 69:28-32, Feb 70 (Rus)
- [Blood coagulation in experimental reimplantation and homotransplantation of the lung] Gerasimenko NI, et al. Eksp Khir Anest 14:11-6, Sep-Oct 69 (Rus)
- [Investigation of antithrombotic properties of modified polymers for use in cardiovascular surgery] Vasiukov SE, et al. Eksp Khir Anest 14:51-4, Mar-Apr 69 (Rus)
- [Changes of the blood coagulation in vein surgery with the use of semibiologic prosthesis depending on the type of suture] Zhukov EA, et al. Eksp Khir Anest 14:29-32, Sep-Oct 69 (Rus)
- [Diagnostic value of the thrombelastogram (TEG) in arteriosclerosis and hypertension disease] Amanasob K. Folia Med (Plovdiv) 11:150-5, 1969 (Rus)
- [The effect of continuous experimental exposure to sound on the status of the blood coagulation system] Mikhailova LV, et al. Gig Tr Prof Zabol 13:55-6, Oct 69 (Rus)
- [Thromboembolic complications with the use of heart valve prosthesis] Tsukerman GI, et al. Grudn Khir 11:23-30, Mar-Apr 69 (Rus)
- [Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the patient's age, degree and length of illness] Feniuk EV. Kardiologiya 8:70-3, Dec 68 (Rus)
- [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsiuk AI. Kardiologiya 9:21-8, Sep 69 (Rus)
- [Results of observing patients with auricular fibrillation treated by electric defibrillation] Radushkevich VP. Kardiologiya 9:10-7, Mar 69 (Rus)
- [Postoperative myocardial infarct in patients with malignant neoplasia] Zaitsev VF, et al. Kardiologiya 9:34-9, Mar 69 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al. Kardiologiya 9:106-10, Aug 69 (Rus)
- [The blood coagulation in patients with peptic ulcer during acute hemorrhage] Belousov AS, et al. Khirurgiya (Moskva) 45:58-62, May 69 (Rus)
- [Blood coagulation system in patients with obliterating endarteritis of the lower extremities] Kokhan EP, et al. Khirurgiya (Moskva) 46:28-31, Jan 70 (Rus)
- [Blood coagulation and thromboelastography in patients with acute cholecystitis] Kovalev MM, et al. Khirurgiya (Moskva) 45:52-8, Aug 69 (Rus)
- [Stomach cancer in patients with diabetes mellitus] Markov IN. Khirurgiya (Moskva) 46:55-9, May 70 (Rus)
- [Blood coagulation and anticoagulation system in gastrointestinal hemorrhage] Musienko VI. Khirurgiya (Moskva) 45:131-3, Jul 69 (Rus)
- [Relationship between the sympathico-adrenal and blood coagulation systems in burns] Glants RM, et al. Klin Med (Moskva) 47:79-84, Jul 69 (Rus)
- [Several indices of the coagulation and fibrinolytic activity of blood in patients with erysipelas] Kireeva RIA. Klin Med (Moskva) 48:107-11, Mar 70 (Rus)
- [Coagulographic indices in aged persons systematically engaged in physical training] Nesterenko NI. Klin Med (Moskva) 47:115-8, Oct 69 (Rus)
- [Some indices of blood coagulation and anticoagulation system in certain forms of coronary insufficiency] Protasova NS. Klin Med (Moskva) 47:54-7, Jul 69 (Rus)
- [A little known mechanism of hemorrhage] Volynskii ZM, et al. Klin Med (Moskva) 47:44-8, Feb 69 (Rus)
- [Hemocoagulation in reticulosis] Berbentseva LF. Lab Delo 8:461-4, 1969 (Rus)
- [Change in the anticoagulation properties of blood plasma after inoculation with staphylococcal anatoxin] Bulai AA, et al. Lab Delo 7:420-1, 1969 (Rus)
- [Changes in the blood coagulating system of patients with elephantiasis of the extremities] Khrushcheva EA, et al. Lab Delo 8:458-61, 1969 (Rus)
- [Changes in the blood coagulating system in obliterating atherosclerosis of the lower extremities] Kokhan EP, et al. Lab Delo 8:455-8, 1969 (Rus)
- [Hemocoagulation characteristics in burn disease] Temriazanskaya RA. Lab Delo 2:113-4, 1970 (Rus)
- [The status of the blood coagulation system during the early period of prolonged crush syndrome] Kurguzov OP. Pat Fiziol Eksp Ter 11:74-5, Jul-Aug 67 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov Iul, et al. Probl Endokr (Moskva) 15:15-8, Jul-Aug 69 (Rus)
- [Blood coagulation disorders in patients with thyroid gland dysfunction] Sheleg VA, et al. Probl Endokr (Moskva) 13:10-3, Jul-Aug 67 (Rus)
- [Reflex effects from the thyroid gland on the blood coagulation] Kirichuk VF. Probl Endokr Gormonoter 13:79-84, Jan-Feb 67 (Rus)
- [Effect of splenectomy on the condition of the coagulation system and fibrinolytic activity of blood in patients with congenital microspherocytic hemolytic anemia] Akhundova AM, et al. Probl Gemat 13:18-20, Apr 68 (Rus)
- [Changes in coagulation components of preserved blood at various time periods of preservation] Bezborod'ko BN, et al. Probl Gemat 15:15-8, Mar 70 (Rus)
- [Improvement of indices of the blood coagulation system in patients with hemophilia during physical exercise] Damsker IS, et al. Probl Gemat 14:24-6, Mar 69 (Rus)
- [Mechanism of hemostatic effect of preserved blood in experimental disorders of functional status of blood coagulation system] Glants RM, et al. Probl Gemat 12:29-34, Sep 67 (Rus)
- [Microclots in preserved blood] Kartashevskii NG, et al. Probl Gemat 13:6-9, May 68 (Rus)
- [The blood coagulation system in patients with Waldenstrom's macroglobulinemia and multiple myeloma] Kokeva RA, et al. Probl Gemat 13:10-5, Jun 68 (Rus)
- [Possible role of the thymus in blood coagulation] Kovalev IE, et al. Probl Gemat 13:32-4, Jun 68 (Rus)
- [Role of erythrocytes in the process of blood coagulation in posthemorrhagic anemia] Krasik IaD. Probl Gemat 13:21-4, Apr 68 (Rus)
- [Significance of changes in the blood coagulation system in traumatic shock and acute hemorrhage] Kukel' AS, et al. Probl Gemat 14:28-32, Aug 69 (Rus)
- [Data on changes in the blood coagulation system in traumatic shock in pelvic bone fractures] Kukel' AS, et al. Probl Gemat 13:33-5, Dec 68 (Rus)
- [Role of leukocytes in the process of blood coagulation in chronic lymphadenosis] Kuznik BI, et al. Probl Gemat 14:3-7, Mar 69 (Rus)
- [Blood coagulation and anticoagulation system in patients after heart valve prosthesis surgery] Levant AD, et al. Probl Gemat 14:54-8, May 69 (Rus)
- [Changes in the coagulation and anticoagulation system of the blood during the exclusion of the liver from blood circulation and homotransplantation] Nigmatullina RT, et al. Probl Gemat 14:57-9, Nov 69 (Rus)
- [Study of peculiarities of hemostasis in women hemophilia carriers] Papaian LP, et al. Probl Gemat 13:24-9, Jan 68 (Rus)
- [Characteristics of the blood coagulation system in female carriers of hemophilia] Saliev KK. Probl Gemat 14:31-2, Oct 69 (Rus)
- [Changes in several blood coagulation indices in transfusion with thawed erythrocytes] Sharova IuA, et al. Probl Gemat 15:20-2, 1970 (Rus)
- [State of the blood coagulation system and thrombus formation in prosthesis of the cardiac ventricles] Shumakov VI, et al. Probl Gemat 15:30-5, 1970 (Rus)



- [Role of tissue factors in local hemostasis] Skipemrov VP. Probl Gemat 13:27-31, Jun 68 (Rus)
- [Biological properties of extravasated blood] Tepper PA, et al. Probl Gemat 13:21-4, Jun 68 (Rus)
- [Ultrastructure and functional properties of the blood platelets in hemorrhagic thrombocythemia] Totalskaya AA, et al. Probl Gemat 13:15-21, Jan 68 (Rus)
- [Effect of hemolyzed erythrocytes on the blood coagulation system] Vygovskaya Ial. Probl Gemat 12:26-9, Sep 67 (Rus)
- [Dynamics of the properties of the thromboelastogram, prothrombin time and plasma fibrinogen concentration of rabbits vaccinated with BCG] Polushkina EE. Probl Tuberk 47:72-6, 1969 (Rus)
- [Blood coagulation changes under the effect of blood transfusions in patients with infiltrative pulmonary tuberculosis] Sukhov VM. Probl Tuberk 47:43-6, 1969 (Rus)
- [Coagulation properties of blood in appendicitis] Babalich AK. Sovet Med 33:152-3, 1970 (Rus)
- [Blood coagulation in vascular diseases of the extremities] Khrushcheva EA, et al. Sovet Med 32:93-5, 1969 (Rus)
- [Blood coagulation in renovascular hypertension] Khundadze SSH, et al. Sovet Med 32:129-32, Oct 69 (Rus)
- [Heparin activity, fibrinolysis and vascular state in a cerebral form of hypertensive disease] Kukhtevich II, et al. Sovet Med 33:28-32, 1970 (Rus)
- [Hypercoagulation and thrombotic state in the pre- and postoperative period in diabetic gangrene of the lower extremities] Kuleshov EV, et al. Sovet Med 33:80-5, 1970 (Rus)
- [Blood coagulation and anticoagulation system before and following mitral commissurotomy in children] Malinovskii NN, et al. Sovet Med 32:106-10, Aug 69 (Rus)
- [The functional status of the blood coagulation and anticoagulation systems as an index of activity of the rheumatic process in children] Merzlik EI. Sovet Med 32:104-8, Apr 69 (Rus)
- [Blood coagulation in various forms of myocardial infarct] Orlova NP. Sovet Med 32:138-9, Nov 69 (Rus)
- [Blood coagulation in Cushing's and Addison's disease] Pisarskaya IV, et al. Sovet Med 32:118-21, Aug 69 (Rus)
- [Changes in the functional status of hemocoagulation in initial donors after blood donation in low, medium and high mountain regions] Sergeev VP. Sovet Zdravookhr Kirgiz 1:19-23, Jan-Feb 70 (Rus)
- [Indices of the blood coagulation system in aged patients with a stable phase of atherosclerosis] Alferova LN, et al. Ter Arkh 41:23-7, Jun 69 (Rus)
- [Blood coagulation activity in patients with circulatory insufficiency and myocardial infarct] Chernysheva GV. Ter Arkh 42:72-5, Feb 70 (Rus)
- [Blood coagulation in alcoholic intoxications] Germanov AI, et al. Ter Arkh 41:71-3, Aug 69 (Rus)
- [Status of the blood coagulation system in patients with diabetes mellitus] Iakovlev IP. Ter Arkh 41:64-7, Jul 69 (Rus)
- [Changes in hemocoagulation and certain indices of peripheral blood in anemic patients after transfusion of the hemoglobin-containing preparation Erigem] Iurlov VM. Ter Arkh 41:55-61, Jul 69 (Rus)
- [Indices of the coagulation and anticoagulation system of the blood under the influence of proteolytic enzyme treatment of patients with chronic nonspecific processes in the lung] Komarova IA. Ter Arkh 41:84-6, Mar 69 (Rus)
- [Several indices of the coagulating and fibrinolytic systems of the blood in chronic pneumonia] Patrushev VI. Ter Arkh 41:61-4, 1969 (Rus)
- [Coagulation and anticoagulation system in patients with hypertensive disease in hypertensive crises and cerebrovascular disorders] Rozgon GI, et al. Ter Arkh 42:31-3, Jan 70 (Rus)
- [Functional study of the blood coagulation system in the clinical picture of hypertensive disease] Rtskhiladze GI. Ter Arkh 42:87-94, Mar 70 (Rus)
- [Blood losses and hemostasis problems in surgery of prostatic carcinoma] Epifanov NS, et al. Vestn Khir Grekov 103:37-41, Dec 69 (Rus)
- [Clinical significance of the study of the blood coagulation and anticoagulation system in several surgical interventions on the upper respiratory tract in middle-aged and aged patients] Gorlina AA, et al. Vestn Otorinolaring 31:13-6, Mar-Apr 69 (Rus)
- [Change in certain indices of the blood coagulation and anticoagulation systems and lipid metabolism in patients with incipient cerebral atherosclerosis in complex sanatorium-climatologic therapy with application of bipolar electrophoresis of novocaine and iodine] Ezhova VA, et al. Vop Kurort Fizioter 34:343-7, Jul-Aug 69 (Rus)
- [Blood coagulability in patients with hypertension and atherosclerosis under sanatorium-health resort treatment at the South Crimean coast at various periods of the year] Mizin II. Vop Kurort Fizioter 33:320-2, Jul-Aug 68 (Rus)
- [The blood coagulation and anticoagulation system and blood lipids in patients with arteriosclerotic cardiosclerosis treated with sodium chloride, bromo-iodide baths] Murashov RG, et al. Vop Kurort Fizioter 34:44-7, 1969 (Rus)
- [The effect of therapeutic exercise on the blood coagulation system in atherosclerosis and hypertension] Nesterenko NI. Vop Kurort Fizioter 33:322-7, Jul-Aug 68 (Rus)
- [Blood coagulability in patients with atherosclerosis and its change under the effect of complex therapy] Tkachenko AF, et al. Vop Kurort Fizioter 34:40-4, 1969 (Rus)
- [Reverse correlation between the functional state of the anticoagulating blood system and development of a malignant tumor] Kudriashov BA, et al. Vop Med Khim 15:356-63, Jul-Aug 69 (Rus)
- [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al. Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)
- [The effect of heparin on fibrin clot stabilization] Rustamova BA, et al. Vop Med Khim 16:290-3, May-Jun 70 (Rus)
- [Peptidase activity of microbic plasminocogulase] Zalkina NA, et al. Vop Med Khim 15:183-9, Mar-Apr 69 (Rus)
- [Effect of manual separation of the placenta and manual examination of the uterus cavity on the blood coagulation and anticoagulation system] Azletskaya-Romanovskaya, et al. Vop Okhr Materin Dets 14:89-90, Aug 69 (Rus)
- [Some indices of the blood coagulation system in dynamic studies in children with rheumatism] Briazgunov IP. Vop Okhr Materin Dets 14:24-7, Feb 69 (Rus)
- [Catecholamine excretion and some indices of the blood coagulation system in puerperants] Idilatulina RG. Vop Okhr Materin Dets 14:40-2, Dec 69 (Rus)
- [Blood coagulation properties and possibility of the transplacental penetration of amniotic fluid in women with low blood loss during labor] Shilko NA, et al. Vop Okhr Materin Dets 14:81-4, Jun 69 (Rus)
- [The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB. Vop Onkol 16:97-9, May 70 (Rus)
- [Antithrombin activity of the aortic wall in rats kept on an atherogenic diet] Oborina IuN, et al. Vop Pitn 28:29-31, Nov-Dec 69 (Rus)
- [Lipid and blood coagulation indices in residents of the Latvian SSR as a function of nutritional status] Zhikhare Liu, et al. Vop Pitn 28:33-7, Sep-Oct 69 (Rus)
- [Effect of preliminary overheating of the organism on the blood coagulation system under conditions of acute blood loss] Kazimirko NK. Vrach Delo 1:9-11, Jan 69 (Rus)
- [The status of the blood coagulation system during treatment of patients with diabetes mellitus] Masik MG, et al. Vrach Delo 10:21-4, Oct 69 (Rus)
- [Status of the blood coagulation system and vascular wall resistance in the early period of myocardial infarct] Panichkina VI. Vrach Delo 10:144-5, Oct 69 (Rus)
- [Characteristics of the coagulation and anticoagulation systems of the blood in patients with infiltrative-pneumonic pulmonary tuberculosis] Slepovronskii BV, et al. Vrach Delo 3:80-2, Mar 69 (Rus)
- [Determination of fibrinolytic and antifibrinolytic activity of blood in epidemic Botkin's disease] Arakelov RA, et al. Zh Eksp Klin Med 9:61-3, 1969 (Rus)
- [Arterio-venous differences in the blood coagulation and anticoagulation system in obliterative endarteritis of the lower extremities] Babalian NN. Zh Eksp Klin Med 9:39-44, 1969 (Rus)



- [Some shifts in the blood coagulation system in patients with arteriosclerotic ischemic heart disease] Sarkisian TG. *Zh Eksp Klin Med* 9:33-8, 1969 (Rus)
- [Coagulation and hemostasis] Santos F. *Rev Brasil Anest* 19:153-63, Apr-Jun 69 (Spa)
- [Smoking and coronary disease. 14. Coagulation effects and smoking] Korsan-Bengtson K. *Lakartidningen* 67:272-7, 14 Jan 70 (Swe)
- [Effect of enzyme concentration and the presence of cations on the anticoagulant activity of trypsin digestion products of fibrinogen] Mal'neva GV. *Ukr Biokhim Zh* 41:282-7, 1969 (Ukr)
- [Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. *Ukr Biokhim Zh* 41:367-70, 1969 (Ukr)
- [Processing of samples for the determination of acid phosphatase activity using p-nitrophenylphosphate as a substrate] Kubisz P, et al. *Bratisl Lek Listy* 53:662-5, 1970 (Slo)
- [Biological half-life of fibrinogen labelled with radioactive iodine I-131 in coronary disease] Dordević BS, et al. *Acta Med Jugosl* 24:7-19, 1970 (Cro)
- [Changes in the blood and global hemostasis during recovery from acute histamine shock] Nikulin A, et al. *Acta Med Jugosl* 23:31-41, 1969 (Cro)
- ### ANALYSIS
- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl* 7:41, 1969 (112 ref.)
- ### DRUG EFFECTS
- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al. *Acta Chir Scand* 135:569-73, 1969
- Coagulation and fibrinolytic studies during continuous use of low dose gestagen. Nilsson IM, et al. *Acta Endocr (Kobenhavn)* 65:111-6, Sep 70
- Plasma histamine and coagulation time of the blood in dogs after administration of different histamine releasers. Yamasaki H, et al. *Acta Med Okayama* 23:453-64, 1969
- A comparative study concerning the stability of the anticoagulant effect of acenocoumarol and phenprocoumon. Breed WP, et al. *Acta Med Scand* 186:283-8, Oct 69
- Coronary occlusion treated with small doses of heparin. Steffensen KA. *Acta Med Scand* 186:519-21, Dec 69
- Recent progress on systemic contraceptives. Matsumoto S. *Acta Obstet Gynaec Jap* 17:211-9, Jul 70 (21 ref.)
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Heparin action on bleeding time and its rate of removal from blood in dogs and rabbits. Magalhães JR. *Acta Physiol Lat Amer* 19:243-8, 1969
- Inhibition of thromboplastin-induced intravascular coagulation by heparin and Trasylol. Nordström S. *Acta Physiol Scand* 79:390-404, Jul 70
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. *Acta Physiol Scand Suppl* 337:14, 1970
- A procoagulant from human postpartum serum. Effects of coagulation and hemodynamics in dogs. Nordström S, et al. *Acta Physiol Scand* 76:399-405, Aug 69
- Effects of epsilon aminocaproic acid (EACA) and Trasylol on thromboplastin-induced intravascular coagulation, studied in dogs with iodine-labelled fibrinogen. Nordström S, et al. *Acta Physiol Scand* 76:93-105, May-Jun 69
- The role of adenine nucleotides in the peripheral vasodilating effect of thrombin. Olsson P, et al. *Acta Physiol Scand* 76:137-47, May-Jun 69
- A pharmacological analysis of aspirin. Collier HO. *Advances Pharmacol Chemother* 7:333-405, 1969 (412 ref.)
- Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al. *Amer J Path* 60:19-42, Jul 70
- Platelet volume: effect of temperature and agents affecting platelet aggregation. Salzman EW, et al. *Amer J Physiol* 217:1330-8, Nov 69
- Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ. *Amer J Physiol* 218:389-95, Feb 70
- Clinical importance of prothrombin time determination in snake-venom poisoning. Peña Chavarría A, et al. *Amer J Trop Med* 19:342-4, Mar 70
- Coagulation and metabolic changes during hemorrhagic shock. Bit-Akhas Irani B, et al. *Angiology* 21:161-71, Mar 70
- A new mechanism of exogenous hyperglyceridemia. Glueck CJ, et al. *Ann Intern Med* 71:1051-62, Dec 69
- Effect of schistosomicides on bone marrow, blood cells, and coagulation. Gentilini M, et al. *Ann NY Acad Sci* 160:783-5, 6 Oct 69
- Activation of coagulase clotting by trypsin inhibitor. Orth DS, et al. *Appl Microbiol* 18:906-10, Nov 69
- Anticoagulant activity of pectic acid derivatives. Whistler RL, et al. *Arch Biochem* 138:39-43, May 70
- Antitumorogenic and pepsin inhibitor properties of lignosulfonates. Vocac JA, et al. *Arch Int Pharmacodyn* 177:150-8, Jan 69
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. *Arch Int Pharmacodyn* 181:153-69, Sep 69
- Vitreous hemorrhage: an experimental study. I. A macroscopic and isotopic study of the evolution of whole blood and hemoglobin. Regnault FR. *Arch Ophthalm (Chicago)* 83:458-65, Apr 70
- The effect of plasma substitutes on coagulation. Eichler J, et al. *Bibl Haemat* 33:452-6, 1969
- The effect of gelatin plasma substitutes on the hemostatic mechanism. Heene DL, et al. *Bibl Haemat* 33:428-33, 1969
- Hemostasis and gelatin infusion. Ludwig H, et al. *Bibl Haemat* 33:492-3, 1969
- Animal experiments on the effect of colloidal plasma substitutes in hemorrhagic shock in the dog. Lutz H. *Bibl Haemat* 33:232-47, 1969
- Comparative studies on the influence of plasma substitutes on coagulation in vivo. Müller KH. *Bibl Haemat* 33:434-51, 1969
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemaccel and Rheomacrodex. Trede M. *Bibl Haemat* 33:553-68, 1969
- Platelet aggregation. I. Regulation by cyclic AMP and prostaglandin E<sub>1</sub>. Marquis NR, et al. *Biochem Biophys Res Commun* 36:965-72, 10 Sep 69
- Inhibition of thrombin by sarin. Thompson AR. *Biochim Biophys Acta* 198:392-5, 11 Feb 70
- Heparin-accelerated inhibition of activated factor X by its natural plasma inhibitor. Yin ET, et al. *Biochim Biophys Acta* 201:387-90, 24 Feb 70
- Clotting of bovine fibrinogen by liver transamidase. Farrell J, et al. *Blood* 35:804-8, Jun 70
- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. *Brit J Haemat* 17:445-53, Nov 69
- Cell membrane damage, platelet stickiness and some effects of aspirin. O'Brien JR. *Brit J Haemat* 17:610-1, Dec 69
- The effect of aflatoxin on blood clotting in the rat. Bababunmi EA, et al. *Brit J Pharmacol* 37:497-500, Oct 69
- Effect of RA233 on platelet function in vitro. Hassanein AA, et al. *Brit Med J* 2:83-6, 11 Apr 70
- Platelet aggregation during oral contraception. Poller L, et al. *Brit Med J* 4:273-4, 1 Nov 69
- Platelet reactions and immune processes. IV. The inhibition of complement by pyrazole compounds and other inhibitors of platelet reactions. Jobin F, et al. *Canad J Microbiol* 16:63-7, Feb 70
- Aspirin, platelets, and bleeding. Bowle EJ, et al. *Circulation* 40:757-60, Nov 69
- Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy. Boyles PW. *Clin Pharmacol Ther* 11:251-9, Mar-Apr 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Pharmacokinetic analysis of the effect of barbiturate on the anticoagulant action of warfarin in man. Levy G, et al. *Clin Pharmacol Ther* 11:372-7, May-Jun 70
- Kinetics of the anticoagulant effect of bishydroxycoumarin in man. O'Reilly RA, et al. *Clin Pharmacol Ther* 11:378-84, May-Jun 70
- Displacement of warfarin from human albumin by diazoxide and ethacrynic, mefenamic, and nalidixic acids. Sellers EM, et al. *Clin Pharmacol Ther* 11:524-9, Jul-Aug 70
- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin.



- Welch RM, et al.  
Clin Pharmacol Ther 10:817-25, Nov-Dec 69
- Effect of epsilon aminocaproic acid (EACA) on lysis of subcutaneous clots. Marrack D, et al.  
Clin Sci 39:12P, Sep 70
- Influence of prostaglandins E1 and E2 on coagulation of rat blood. Kloeze J. *Experientia* 26:307-8, 15 Mar 70
- Evaluation of a new combination oral contraceptive: lynestrenol-mestranol (Lyndiol). Moses LE, et al.  
Fertil Steril 20:715-28, Sep-Oct 69
- Effect of oral contraceptives on the blood coagulation in experimental animals. Mishra KC, et al.  
Indian J Med Res 57:1734-7, Sep 69
- Anticoagulant activity of Heraclestin. Mishra KC, et al.  
Indian J Physiol Pharmacol 13:153-5, Jul 69
- Enhancement of anti-tumour effect by cooling. Austin JP, et al. *Int J Biometeor* 13:183-7, Oct 69
- Biological activities of leupeptins. Aoyagi T, et al.  
J Antibiot (Tokyo) 22:558-68, Nov 69
- A nonthrombogenic diffusion membrane for continuous in vivo measurement of blood gases by mass spectrometry. Brantigan JW, et al.  
J Appl Physiol 28:374-7, Mar 70
- Isotopic studies of therapeutic anticoagulation with a coagulating enzyme. Bell WR, et al.  
J Clin Invest 49:1872-9, Oct 70
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al.  
J Colloid Interface Sci 31:188-95, Oct 69
- The effect of fumaropimaric acid on delayed hypersensitivity and cutaneous Forssman reactions in the guinea pig. Feinman L, et al.  
J Immunol 104:1401-5, Jun 70
- Effects of endotoxins on susceptibility to infections. Cluff LE. *J Infect Dis* 122:205-15, Sep 70 (105 ref.)
- Reactions of activated factor X-phosphatide mixtures in vitro and in vivo. Barton PG, et al.  
J Lipid Res 11:87-95, Mar 70
- Implications of contraception. C. Oral contraceptives and blood coagulation. Ley HL Jr.  
J Med Educ 44:Suppl 2:71-3, Nov 69
- Effect of an antifertility preparation on a fibrinogen-fibrinolysis system in vitro. Moses HA, et al.  
J Nat Med Ass 61:404-7, Sep 69
- Physicochemical responses to heparin in non-pregnant, normal pregnant, and eclamptic patients. Nelson GH, et al. *J Obstet Gynaec Brit Comm* 77:359-64, Apr 70
- Bleeding patterns after open-heart surgery. Gomes MM, et al. *J Thorac Cardiovasc Surg* 60:87-97, Jul 70
- Kinetics of the anticoagulant effect of heparin. Estes JW. *JAMA* 212:1492-5, 1 Jun 70
- The short-term effects of chondroitin sulfates A and C on coronary atherosclerotic subjects: With reference to its anti-thrombogenic activities. Nakazawa K, et al.  
Jap Heart J 10:289-96, Jul 69
- The action of hemorrhagin and phospholipase derived from *Vipera palestinae* venom on the microcirculation. McKay DG, et al.  
Lab Invest 22:387-99, May 70
- Relationship between platelet aggregation and the thrombotic tendency in rats fed hyperlipemic diets. Renaud S, et al. *Lab Invest* 22:339-43, Apr 70
- Carbenicillin in renal failure. Lurie A, et al.  
Lancet 2:422-3, 22 Aug 70
- Carbenicillin-induced coagulopathy. Lurie A, et al.  
Lancet 1:1114-5, 23 May 70
- Rattlesnake bite. Weiss HJ. *Lancet* 2:156, 18 Jul 70
- The structure and the biological activities of sulfopolyglucans. I. The biological activity of sulfoverman. Stefanovich V.  
Life Sci 8:1223-33, 1 Nov 69
- Influence of dietary trans,trans-linoleate on hematologic and hemostatic properties of rat blood. Raccuglia G, et al. *Lipids* 5:85-9, Jan 70
- Coumarin drug interactions. Kazmier FJ, et al.  
Mayo Clin Proc 45:249-55, Apr 70
- Current status of oral contraceptives. Cleary RE, et al.  
Med Clin N Amer 54:163-71, Jan 70 (81 ref.)
- Enhancement of fibrinolysis and blood clotting: role of microvascular changes. Holemans R, et al.  
Med Exp (Basel) 18:299-307, 1968
- Evaluation of subcutaneous calcium heparin therapy in the treatment of thrombo-embolic disease. Hirsh J, et al.  
Med J Aust 1:15-7, 3 Jan 70
- Isolation, biochemical and pharmacologic characterization of a prothrombin-activating principle from *Echis carinatus* venom. Kornalik F, et al. *Naunyn-Schmiedeberg Arch Pharm* 264:259-60, 1969
- Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)
- More coagulation nondisease. Ginsburg AD.  
New Eng J Med 283:47-8, 2 Jul 70
- Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.  
New Eng J Med 281:1039-42, 6 Nov 69
- Bleeding after cardiac catheterization. Komp DM, et al.  
New Eng J Med 281:1246, 27 Nov 69
- Dextropropoxyphene in bleeding states. Sahud MA.  
New Eng J Med 283:48, 2 Jul 70
- Potentialiation of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. *New Eng J Med* 283:827-31, 15 Oct 70
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.  
New Eng J Med 283:663-8, 24 Sep 70
- Aspirin and bleeders. Veltkamp JJ, et al.  
New Eng J Med 283:434-5, 20 Aug 70
- Aspirin, platelets and hemostasis. Weiss HJ.  
New Eng J Med 283:597, 10 Sep 70
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Digitalis in myocardial infarction. Changing concepts. Constant J. *New York J Med* 70:650-8, 1 Mar 70 (64 ref.)
- Platelet-bound and soluble platelet factor 4: effects of aggregating agents, of aggregation, and of aspirin. O'Brien JR, et al.  
Proc Soc Exp Biol Med 134:1128-31, Sep 70
- Carrageenan and delayed hypersensitivity. II. Activation of Hageman factor by carrageenan and its possible significance. Schwartz HJ, et al.  
Proc Soc Exp Biol Med 132:1021-4, Dec 69
- Effect of phenolamine, an alpha receptor blocking agent, on epinephrine, ADP and collagen induced factor 4 release and platelet aggregation. Kubisz P, et al. *Rev Europ Etud Clin Biol* 15:429-32, Apr 70
- Serum electrolytes and clotting factors in rats during blood loss by cardiac puncture: effect of norethynodrel with mestranol on serum magnesium. Goldsmith NF, et al. *Rev Suisse Zool* 76:849-64, 1969
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.  
Scand J Clin Lab Invest Suppl 107:143+, 1969
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.  
Scand J Clin Lab Invest 24:Suppl 107:143+, 1969
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al.  
Scand J Clin Lab Invest 24:383-5, Dec 69
- Effect of dipyridamole and two pyrimido-pyrimidine derivatives on the kinetics of human platelet aggregation and on platelet adhesiveness. Eliasson R, et al. *Scand J Clin Lab Invest* 24:145-51, Sep 69
- Delayed fibrin polymerization due to removal of calcium ions. Godal HC.  
Scand J Clin Lab Invest 24:29-33, Aug 69
- Prostaglandins in platelet aggregation. Irion E, et al.  
Scand J Clin Lab Invest 24:141-4, Sep 69
- Effect of prednisolone on the coagulation and fibrinolytic systems. Isacson S.  
Scand J Haemat 7:212-6, 1970
- A biphasic response of platelets to serotonin. White JG.  
Scand J Haemat 7:145-51, 1970
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J.  
Scand J Haemat Suppl 11:1+, 1970
- Hemostasis, blood coagulation, and isobutyl cyanoacrylate tissue adhesive. Gollub S, et al.  
Surg Gynec Obstet 130:3-10, Jan 70
- Synthetic thromboresistant surfaces from sulfonated polyelectrolyte complexes. Nelsen L, et al.  
Surgery 67:826-30, May 70
- Possible new concepts relating prostaglandins to various ocular functions. Waitzman MB.  
Survey Ophthalmol 14:301-26, Jan 70 (162 ref.)
- The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bankowski E, et al.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69
- Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. Grotto L, et al. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69
- Demonstration of antiparacoagulating activity of acid



- mucopolysaccharides and extracts of the aortic wall. Lipiński B.
- Thromb Diath Haemorrh 22:401-2, 15 Nov 69
- Reticuloendothelial function and blood coagulation in rats. Pechet L, et al.
- Thromb Diath Haemorrh 22:508-12, 31 Dec 69
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruek S, et al.
- Thromb Diath Haemorrh 36:Suppl 36:319+, 1969
- The fibrinolytic system in patients with right ventricular failure treated with Novurit. Worowski K, et al. Thromb Diath Haemorrh 23:500-3, 30 Jun 70
- Effect of pretreatment of rats with carbon tetrachloride on tolerance development. Dambrasukas T, et al.
- Toxic Appl Pharmacol 17:83-97, Jul 70
- Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al.
- Toxicol 7:181-4, Nov 69
- Proteinase, arginineester hydrolase and a kinin releasing enzyme in snake venoms. Oshima G, et al. Toxicol 7:229-33, Nov 69
- Effects of Heloderma suspectum venom on blood coagulation. Patterson RA, et al.
- Toxicol 7:321-4, Dec 69
- Treatment of shock with dextrans and gelatins. Effects and side effects. Lundsgaard-Hansen P.
- Vox Sang 17:161-93, Sep 69
- Staphylocoagulase as a hemostatic agent. Mojovic B, et al. Yale J Biol Med 42:11-20, Aug 69
- Biochemical effects in the rabbit of repeated administration of a mixture of DDT, carbaryl, and parathion. Hassan A, et al.
- Z Naturforsch [B] 25:521-5, May 70
- [Effect of glucose administration on blood coagulation and fibrinolysis in relation to age and obesity] Pstružinová H, et al. Sborn Lek 72:150-6, May 70 (Cze)
- [Influence of beta-propiolactone (BPL) on the activity of clotting factors of human plasma (experiments in vitro). 2] Vlčková M, et al.
- Vnitřní Lek 16:857-61, Sep 70 (Cze)
- [Studies on substances in the benzofuran group. 43. Angiotrophic, anti-inflammatory and fibrinolytic properties of benzarone] Chaillet F, et al.
- Arzneimittelforschung 20:358-63, Mar 70 (Fre)
- [Utilization of antilymphocytes globulins in men. Clinical results in kidney transplantation] Traeger J, et al. Minerva Nefrol 15:96-116, Jan-Apr 68 (Fre)
- [Chronic widespread intravascular coagulation syndrome and cyanotic congenital cardiopathy. The place of heparin during preoperative period] Bailly Y, et al. Presse Med 78:1571-4, 29 Aug 70 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al.
- Presse Med 77:1427-8, 4 Oct 69 (Fre)
- [A new balanced sodium solution in the treatment of hemorrhage] Nahas GG, et al.
- Presse Med 78:19-22, 3 Jan 70 (Fre)
- [Dextran and dynamic coagulation] Raby C, et al.
- Presse Med 77:1819-20, 22 Nov 69 (Fre)
- [Comparative in vitro effects of industrial macromolecules on blood coagulation factors] Migne J, et al.
- Rev Franc Transfus 12:Suppl:427-38, 1969 (Fre)
- [Phlebothrombosis and magnesium] Dupont B, et al. Sem Hop Paris 45:3048-54, 26 Nov 69 (Fre)
- [Thrombelastographic radiobiological studies of the blood of patients with gynecologic cancer following administration of irradiated streptokinase-streptodornase] Stamm H, et al.
- Acta Med Lugosl 23:42-9, 1969 (Ger)
- [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Glarola PA, et al.
- Arzneimittelforschung 20:234-6, Feb 70 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al.
- Arzneimittelforschung 19:1873-6, Nov 69 (Ger)
- [Use of carbochromen in coronary insufficiency] Kobaladze SG, et al.
- Arzneimittelforschung 20:468-9, Mar 70 (Ger)
- [Effect of chelate-forming potassium-magnesium-d,l-aspariginates on thrombocytic function and blood coagulation] Ruhstrat K, et al.
- Arzneimittelforschung 19:1566-71, Sep 69 (Ger)
- [Comparison of antiphlogistic substances in the Mizushima plasma protein turbidity test]
- Wagner-Jauregg T, et al.
- Arzneimittelforschung 19:1532-6, Sep 69 (Ger)
- [The fibrinolytic system in allergic skin diseases] Haustein UF. Derm Mschr 155:776-82, 1969 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Antibacterial substances for the implantation into bone cavities and their effect on blood coagulation, by means of thrombelastography] Schulte W, et al.
- Deutsch Zahn Mund Kieferheilk 54:56-68, Feb 70 (Ger)
- [Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al.
- Folia Haemat (Leipzig) 92:470-6, 1969 (Ger)
- [The effect on thrombocyte function of drugs used in polyarthritis] Pazdur J.
- Folia Haemat (Leipzig) 92:477-84, 1969 (Ger)
- [Side effects of contraceptive steroids. I] Plotz EJ. Geburtsh Frauenheilk 30:193-211 contd, Mar 70 (Ger)
- [Effect of Glyvenol on platelet adhesiveness and various coagulation parameters] Svehla C, et al.
- Int Z Klin Pharmakol Ther Toxik 2:226-8, Jul 69 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)
- [Behavior of blood coagulation in dependence on hydrogen-ion concentration] Zinsser O, et al.
- Klin Wschr 47:713-7, 1 Jul 69 (Ger)
- [Anticoagulants. 43] Striegler G.
- Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al.
- Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)
- [The effect on blood coagulation of the trypsin-like protease from *Astacus leptodactylus* (Crustacea)] Zwilling R, et al.
- Thromb Diath Haemorrh 23:360-8, 1970 (Ger)
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeiffer GW, et al. Zbl Gynaek 91:1292-5, 4 Oct 69 (Ger)
- [On the behavior of tests of hemostasis in arteriosclerotic patients treated with HCG] Cajozzo A, et al. Boll Soc Ital Biol Sper 46:315-7, 31 Mar 70 (Ita)
- [Activation of euglobulin lysis induced by Atheroid (R)] Prino G, et al.
- Boll Soc Ital Biol Sper 45:133-7, 31 Jan 69 (Ita)
- [Behavior of the thromboelastogram (TEG) in arteriosclerotic subjects treated with natural mucopolysaccharide substances] Garbagnati N, et al.
- Clin Ter 50:125-31, 31 Jul 69 (Ita)
- [Clinical use of steroids hormones in the control of fertility] Mears E. Clin Ter 52:499-507, 31 Mar 70 (Ita)
- [Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al.
- Farmaco [Prat] 24:552-61, Sep 69 (Ita)
- [Action of adrenaline on blood coagulation. Thrombelastographic study] Rubegni M, et al.
- G Geront 17:757-64, Aug 69 (Ita)
- [Role of the blood platelets in blood hypercoagulability induced by adrenaline] Rubegni M, et al.
- G Geront 17:837-43, Sep 69 (Ita)
- [On the therapeutic and preventive action of the hemocoagulating fraction of the venom of *Bothrops jararaca* on some vesicular exanthematous viral diseases] Bertaggia A, et al.
- G Mal Infett 22:102, Jan 70 (Ita)
- [Coronary thrombosis and blood coagulability with reference to the suspension of anticoagulant therapy] Vanacore C, et al.
- Haemat Lat 11:387-417, Oct-Dec 68 (Ita)
- [Clinical evaluation of a fibrinolytic drug in an experimental cross-over study] Bizzi B, et al.
- Minerva Med 60:Suppl 99:5062+, 12 Dec 69 (Ita)
- [On the mechanism of the thrombolytic action of streptokinase: penetration of the streptokinase into clots] Bizzi B, et al.
- Minerva Med 60:4918-22, 8 Dec 69 (Ita)
- [Controlled experimental study of the relations between fibrinolytic activity and anticoagulant activity in evaluation of activators of fibrinolysis] Cascone A, et al.
- Minerva Med 60:Suppl 99:5039+, 12 Dec 69 (Ita)
- [Humoral study of the therapeutic action of an arterial wall extract in arteriosclerotic obstructive arteriopathies] Citone G, et al.
- Minerva Med 61:3499-506, 25 Aug 70 (Ita)
- [Thrombodensitographic changes during treatment



- with a coumarin derivative] Ferri F, et al.  
Minerva Med 61:309-18, 27 Jan 70 (Ita)
- [Changes in bleeding time in rats induced with local application of adenosine and its derivatives and other substances] Gibelli A, et al.  
Minerva Med 60:4927-30, 8 Dec 69 (Ita)
- [Action of an extractive heparinoid on some blood coagulation indices] Guidi G, et al.  
Minerva Med 60:Suppl 99:5034+, 12 Dec 69 (Ita)
- [Antilipemic and fibrinolytic activity of an extractive mucopolysaccharide in atherosclerotic disease] Isidori A, et al.  
Minerva Med 60:Suppl 99:5077+, 12 Dec 69 (Ita)
- [Action of ellagic acid on the time and intensity of hemorrhage in irradiated rats] Pasotti C, et al.  
Minerva Med 60:4954-8, 8 Dec 69 (Ita)
- [Pharmacological aspects of the fibrinolytic activity of Ateroid] Prino G, et al.  
Minerva Med 60:Suppl 99:5015+, 12 Dec 69 (Ita)
- [The current status of treatment with hormonal contraceptives] Robecchi E.  
Minerva Med 61:2394-404, 30 May 70 (Ita)
- [Electroencephalographic and audiometric controls in presenile and senile arteriosclerotic subjects treated with an extractive sulfomucopolysaccharide complex with fibrinolytic action] Sfondrini E, et al.  
Minerva Med 60:Suppl 99:5082+, 12 Dec 69 (Ita)
- [Evaluation of hematic fibrinolytic activity in patients treated with an extractive mucopolysaccharide complex] Spampinato N.  
Minerva Med 60:Suppl 99:5088+, 12 Dec 69 (Ita)
- [Studies on anti-atherosclerotic agents. II. Experimental studies of 1,3-propanediol bis(2-p-chlorophenoxyisobutyrate) (CLY-503) for anti-atherosclerotic agents] Nakanishi M, et al.  
J Pharm Soc Jap 90:926-32, Aug 70 (Jap)
- [Oral contraceptives and the incidence of thrombosis] Abrahamsen AF.  
T Norsk Laegeforen 90:403-8, 15 Feb 70 (Nor)
- [Thromboelastographic examination of blood coagulation and fibrinolysis during ether anesthesia] Zimnicki Z. Pol Przegl Chir 42:340-6, Apr 70 (Pol)
- [Behavior of certain parameters of blood coagulation in cholesterol- and caffeine-fed rabbits] Korolko A, et al.  
Pol Tyg Lek 25:473-5, 6 Apr 70 (Pol)
- [Heparin: a significant biological factor] Tarnawski A, et al.  
Postepy Hig Med Dosw 24:125-31, Jan-Feb 70 (Pol)
- [Behavior of some factors in the blood-clotting system and blood fibrinolytic activity in women with uterine myoma treated with progestin (Polfa)] Rózewicki S, et al. Przegl Lek 26:564-5, 1970 (Pol)
- [The hemorrhagic syndrome in radiation sickness. II. Experimental study of the radioprotective effect of cystamine and treatment with nucleic acids of homologous bone marrow on coagulation and fibrinolysis in rats exposed to lethal x-ray doses] Cutcudache C, et al.  
Fiziol Norm Pat 16:169-77, Mar-Apr 70 (Rum)
- [The action of phenobarbital on mesenteric circulation and on the coagulation process] Dragomir N, et al.  
Fiziol Norm Pat 16:257-63, May-Jun 70 (Rum)
- [Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)
- [Changes in coagulation and hemostasis induced with common drugs] Papilian M.  
Stud Cercet Med Intern 11:181-93, 1970 (Rum)
- [Effect of aortic extracts on blood coagulation and fibrinolysis] Papilian M, et al.  
Stud Cercet Med Intern 10:431-8, 1969 (Rum)
- [Effect of the purified antibiotic neocidin on the peripheral blood of laboratory animals] Derkach EM.  
Antibiotiki 15:274-6, Mar 70 (Rus)
- [Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al.  
Biokhimiia 34:816-23, Jul-Aug 69 (Rus)
- [The effect of ether-oxygen anesthesia on the blood coagulation and anticoagulation systems in experimental burns] Levin Gl.  
Eksp Khir Anest 15:78-81, Jan-Feb 70 (Rus)
- [Effect of sodium bromide on the activity of hemostatic substances] Iadrova VM, et al.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)
- [Effect of novocaine on the course of experimental isadriene induced necrosis of the myocardium] Kupnovitskaya IG.  
Farmakol Toksik 33:295-7, May-Jun 70 (Rus)
- [Apparatus for automatic determination of blood tolerance to heparin] Lakin KM, et al.  
Farmakol Toksik 33:371-6, May-Jun 70 (Rus)
- [Anticoagulative activity of salts of rare-earth elements] Lakin KM, et al.  
Farmakol Toksik 33:205-10, Mar-Apr 70 (Rus)
- [Effect of ACTH and corticosteroids on the fibrin stabilizing factor] Seifulla RD.  
Farmakol Toksik 32:464-5, Jul-Aug 69 (Rus)
- [Nature of the acute effect of monoethanolthylenediamine on the organism] Tikhonova GP, et al.  
Farmakol Toksik 32:473-5, Jul-Aug 69 (Rus)
- [The effect of intravenous injections of HCl and Na<sub>2</sub>CO<sub>3</sub> on coagulation, leukocyte count, pH and alkaline reserve of the blood] Smirnov BA.  
Fiziol Zh SSSR Sechenov 54:1193-8, Oct 68 (Rus)
- [Status of the blood coagulation system in experimental and industrial exposure to aromatic nitro and amino compounds] Vasilenko NM, et al.  
Gig Tr Prof Zabol 13:26-8, Nov 69 (Rus)
- [Blood coagulation characteristics and fibrinolytic activity in patients with coronary arteriosclerosis during a course of treatment with vetrazine] Agapova EN, et al. Kardiologiya 8:130-2, Dec 68 (Rus)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al. Kardiologiya 9:88-95, Jul 69 (Rus)
- [The role of catecholamines in the pathogenesis of ischemic heart disease] Oganov RG.  
Kardiologiya 9:129-40, Jul 69 (135 ref.) (Rus)
- [Hemocoagulation properties of the human peritoneum and the mechanism of adhesion formation] Skipetrov VP, et al. Klin Khir (Kiev) 2:64-8, Feb 70 (Rus)
- [The effect of corticosteroid therapy on the blood coagulation system and the fibrinolytic activity of the blood in hemorrhagic fever with renal syndrome] Kireeva RI, et al.  
Klin Med (Moskva) 47:69-74, Nov 69 (Rus)
- [Effect of heparin on blood lipolytic and coagulation activity in patients with hypertensive disease] Oleinik NI. Klin Med (Moskva) 47:75-9, Jul 69 (Rus)
- [Effect of intravenous administration of a hypertonic solution of glucose on blood coagulability] Rafalovich MB, et al. Klin Med (Moskva) 47:65-9, Nov 69 (Rus)
- [Anabolic steroid preparations and blood coagulation system in patients with Cushing's disease] Vasiukova EA, et al. Klin Med (Moskva) 47:90-2, Jul 69 (Rus)
- [Does heparin exert any influence on the secretion of tissue blood coagulating factors from vascular walls?] Mishchenko VP.  
Pat Fiziol Eksp Ter 14:45-9, Jan-Feb 70 (Rus)
- [Mechanism of the action of the thyroid gland hormone on the blood coagulation capacity] Kirichuk VF.  
Probl Endokr (Moskva) 14:96-101, Jan-Feb 68 (Rus)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)
- [Electron microscope studies of thrombocytes of rabbits before and after administration of epsilon-aminocaproic acid] Beznosikova VK, et al.  
Probl Gemat 13:32-7, Jan 68 (Rus)
- [Effect of intravenous administration of polyvinol on the state of the coagulation and fibrinolytic blood system in hypofibrinogenemia] Chernala VV.  
Probl Gemat 13:16-9, May 68 (Rus)
- [Changes in several indices of the blood coagulation system in patients with chronic lympholeukosis during prednisolone therapy] Davydov VA.  
Probl Gemat 14:60-1, Nov 69 (Rus)
- [Mechanism of hemostatic effect of epsilon-aminocaproic acid] Kaznacheev VP, et al.  
Probl Gemat 13:36-9, Dec 68 (Rus)
- [Dynamics of the formation and neutralization of thrombin in the blood stream after intravenous injections of tissue thromboplastin] Pastorova VE, et al. Probl Gemat 13:16-21, Jun 68 (Rus)
- [Effect of rheopolyglucine on some peripheral blood indices in patients with vascular diseases] Pokrovskii AV, et al. Probl Gemat 14:37-42, Sep 69 (Rus)
- [Change in blood coagulation during anesthesia] Rzaev NM, et al. Probl Gemat 13:32-4, Feb 68 (Rus)
- [Thrombin-like properties of tissue] Skipetrov VP.  
Probl Gemat 13:29-32, Jan 68 (Rus)
- [Hemophilia B] Timerbaev VN, et al.  
Probl Gemat 14:21-3, Mar 69 (Rus)
- [Endofactor of yeast fungi and its participation in the process of plasma coagulation] Zaikina NA, et al.  
Probl Gemat 13:37-40, Jan 68 (Rus)
- [Effect of small doses of heparin in a complex treatment of patients with pneumocarditis on the blood



- coagulation and fibrinolytic system] Alzenberg AA, et al. *Soviet Med* 32:33-9, Feb 69 (Rus)
- [Intraperitoneal administration of fibrinolysin and blood coagulation] Zhenchevskii RA. *Soviet Med* 32:32-6, Dec 69 (Rus)
- [Effect of Lagochilus preparations on blood coagulation in patients with hemophilia] Budyka LP. *Ter Arkh* 42:86-9, Jan 70 (Rus)
- [Effect of carbon disulfide on the blood coagulation system] Danilova TN. *Ter Arkh* 42:74-6, Mar 70 (Rus)
- [Effect of butadion on certain indices of hemostatic function in patients with coronary insufficiency] Klachkin LM, et al. *Ter Arkh* 41:58-62, Jan 69 (Rus)
- [Experience in the application of heparin electrophoresis in the treatment of patients with coronary sclerosis and angina pectoris] Glagoleva NA. *Vop Kurort Fizioter* 34:37-40, 1969 (Rus)
- [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudriashov BA, et al. *Vop Med Khim* 15:486-94, Sep-Oct 69 (Rus)
- [Reverse correlation between the functional state of the anticoagulating blood system and development of a malignant tumor] Kudriashov BA, et al. *Vop Med Khim* 15:356-63, Jul-Aug 69 (Rus)
- [Effect of Methylergometrine on certain components of the blood coagulation and anticoagulation systems during the placental and early postnatal periods] Vishnevskii AA, et al.
- Vop Okhr Materin Dets* 15:91, May 70 (Rus)
- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al.
- Vop Pitani* 28:25-7, Jul-Aug 69 (Rus)
- [Hemocoagulation and fibrinolytic activity of the blood in patients with rheumatism treated with prednisolone] Krutovskaya OV.
- Vop Revm* 9:36-8, Oct-Dec 69 (Rus)
- [Effectiveness of coronin therapy of patients with coronary atherosclerosis] Belen'kii AI.
- Vrach Delo* 5:67-70, May 69 (Rus)
- [Mechanism of the action of heparin on thrombocytes] Gromnatskii NI. *Vrach Delo* 3:90-2, Mar 69 (Rus)
- [Changes in the blood coagulation in patients with pulmonary tuberculosis during treatment with preparations of the first order] Ivanluta OM, et al.
- Vrach Delo* 8:38-9, Aug 69 (Rus)
- [Effect of heparin on blood clot retraction in different forms of coronary disease] Novitskii VS.
- Vrach Delo* 5:139-40, May 69 (Rus)
- [Changes in the blood coagulation system under the effect of BK-8 protein blood substitute] Riabiy PA.
- Vrach Delo* 11:91-3, Nov 69 (Rus)
- [Effect of aromatic nitro- and amino-compounds on the blood coagulation system] Vasilenko NM, et al.
- Vrach Delo* 8:110-2, Aug 69 (Rus)
- [The effect of Blosed on the level of certain blood coagulation factors] Vyshevskii ASH, et al.
- Vrach Delo* 9:132, Sep 69 (Rus)
- [Clinical tests using pyridinol carbamate on the arterial circulation and blood coagulation in patients with arteriosclerosis obliterans] De Soldati L, et al.
- Prensa Med Argent* 56:546-53, 23 May 69 (Spa)

## HISTORY

- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969

## RADIATION EFFECTS

- [Indices of hemostasis in radiotherapy of cancer of the lung] Strashinin AI, et al.
- Med Radiol (Moskva)* 15:6-8, Mar 70 (Rus)
- [Functional state of anticoagulation system in experimental radiation injury in rats] Kudriashov BA, et al. *Radiobiologiya* 9:536-9, Jul-Aug 69 (Rus)
- [The effect of radiation sickness on tissue thromboplastin activity] Zubairov DM, et al.
- Radiobiologiya* 10:432-4, May-Jun 70 (Rus)

## BLOOD COAGULATION DISORDERS

- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. *Amer J Med* 48:408-11, Mar 70
- Iliofemoral venous thrombosis. Reappraisal of thrombectomy. Edwards WH, et al.
- Ann Surg* 171:961-70, Jun 70

- Arterial embolectomy after acute myocardial infarction. A study of 31 patients. Thompson JE, et al. *Ann Surg* 171:979-86, Jun 70
- Pharmacology for the dental practitioner. 7. Systemic disease and dental practice (continued). Walton JG, et al. *Brit Dent J* 127:333-7, 7 Oct 69
- Fletcher factor deficiency: a report of three unrelated cases. Hattersley PG, et al.
- Brit J Haemat* 18:411-6, Apr 70
- Renal and hematologic complications of acute falciparum malaria in Vietnam. Canfield CJ. *Bull NY Acad Med* 45:1043-57, Oct 69
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69
- Coagulation factor analysis in patients on long-term anticoagulation. Perkins HA, et al.
- Calif Med* 112:1-7, Mar 70
- Disseminated intravascular coagulation: new bottles for an old wine. Radnoff OD.
- Calif Med* 111:224-6, Sep 69
- Pharmacological considerations in dental treatment for the patient with systemic disease. McCallum CA, et al. *Dent Clin N Amer* 14:663-80, Oct 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Consumptive coagulopathy. Mittal SK.
- Indian J Pediat* 37:73-6, Feb 70
- Hemostasis in cyanotic congenital heart disease. Ekert H, et al. *J Pediat* 76:221-30, Feb 70
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al.
- J Trauma* 10:307-21, Apr 70
- The significance of coagulative and thrombotic changes after injury. Hardaway RM 3d.
- J Trauma* 10:354-7, Apr 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. *J Trauma* 10:287-98, Apr 70
- Fat embolism and signs of intravascular coagulation in a posttraumatic autopsy material. Saldeen T.
- J Trauma* 10:273-86, Apr 70
- Intravascular coagulation in acute hepatic necrosis. Straub PW. *Lancet* 760:1339-40, 20 Jun 70
- Terminology of intravascular coagulation. Colman RW, et al. *New Eng J Med* 282:99, 8 Jan 70
- The clinical challenge of disseminated intravascular coagulation. Deykin D.
- New Eng J Med* 283:636-44, 17 Sep 70
- Intravascular coagulation. Margolis CZ.
- New Eng J Med* 282:101, 8 Jan 70
- Defibrination. Merskey C, et al.
- New Eng J Med* 282:688-9, 19 Mar 70
- Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al.
- Paediat Indonesia* 9:117-22, May-Jun 69
- Cholecystectomy in a patient with Hageman trait. Girolami A, et al.
- Thromb Diath Haemorrh* 23:449-54, 30 Jun 70
- Chronic intravascular coagulation (IFC) syndrome. Owen CA Jr, et al.
- Thromb Diath Haemorrh* 36:Suppl 36:197+, 1969
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969
- Failure to detect evidence for intravascular coagulation during acute renal allograft rejection. Shehadeh IH, et al. *Transplantation* 9:74-6, Jan 70
- [Control of plasminemia in the coagulation in arterial surgery] Courbier R, et al.
- Agressologie* 10:493-7, 1969 (Fre)
- [Sodium chloride test in a plastic tube] Couplier J. *Ann Biol Clin (Paris)* 27:167-76, Mar-Apr 69 (Fre)
- [On coagulation and catabolism of labelled fibrinogen during Moschkowicz's disease] Marie J, et al.
- Arch Franc Pediat* 26:226-7, Feb 69 (Fre)
- [New contributions to the study of leptospirosis in Reunion. I. Study of 70 cases, 18 of which fatal: clinical and biological aspects. Physiopathological considerations] Gauthier R, et al.
- Bull Soc Path Exot* 62:493-508, May-Jun 69 (Fre)
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al.
- C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [Current events in hematology and carcinology] Olmer J, et al.
- Cah Coll Med Hop Paris* 10:1055-8, 30 Oct 69 (Fre)
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.
- Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)



- [Postoperative problems of open heart surgery] Andreadis P, et al. *Lyon Chir* 66:10-2, Jan-Feb 70 (Fre)
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al. *Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)
- [Prognosis and treatment of post-abortion acute renal insufficiency] Legrain M, et al. *Presse Med* 78:1565-70, 29 Aug 70 (Fre)
- [A case of endocardial fibroelastosis with anaerobic corynebacteria in the endocavit thrombus] Guerin D, et al. *Sem Hop Paris* 45:2953-64, 20 Nov 69 (Fre)
- [Microspherocytosis associated with factor IX deficiency] Thouverez JP, et al. *Sem Hop Paris* 46:821-2, 20 Feb 70 (Fre)
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. *Bibl Haemat* 32:281-7, 1969 (Ger)
- [Inhibitor of prothrombin activation] Lechner K, et al. *Klin Wschr* 47:1225-32, 15 Nov 69 (Ger)
- [Hemolytic transfusion complications with consumption coagulopathies caused by rare blood group antibodies anti-Duffy a] Mueller-Eckhardt C, et al. *Thromb Diath Haemorrh* 22:336-43, 15 Nov 69 (Ger)
- [Mesenchymal abnormalities and hematological disorders in Turner's syndrome] Ferramosca B, et al. *Arch Maragliano Pat Clin* 26:29-46, Jan-Feb 70 (Ita)
- [Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al. *G Clin Med* 50:684-98, Aug 69 (Ita)
- [Thromboelastographic findings in occlusive retinal syndromes] De Biasi R, et al. *Minerva Oftal* 11:117-9, Jul-Aug 69 (Ita)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H. *Jap J Clin Med* 28:2086-91, Aug 70 (16 ref.) (Jap)
- [Clinical concept of consumption coagulopathy] Hasegawa M, et al. *Jap J Clin Path* 17:819-20, Nov 69 (Jap)
- [Defibrination syndrome in obstetrics] Soma H, et al. *Jap J Clin Path* 17:843-9, Nov 69 (Jap)
- [Congenital absence of the fibrin-stabilizing factor. (Factor 13)] Cieplewska D, et al. *Pediat Pol* 45:829-32, Jul 70 (Pol)
- [Disorders of blood coagulation and fibrinolysis following implantation of lateral patches into the femoral artery] Glowinski S, et al. *Pol Przegl Chir* 42:38-47, Jan 70 (Pol)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R. *Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Depletion coagulopathy in the light of a personal case] Palester-Chlebowski M, et al. *Pol Tyg Lek* 25:381-3, Mar 70 (Pol)
- [Postoperative blood coagulation disorders after heart surgery when using extracorporeal circulation] Fischer M, et al. *Hospital (Rio)* 75:591-601, Feb 69 (Por)
- [Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al. *Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)
- [Disseminated intravascular coagulation] Herscovici R. *Rev Medicochir Iasi* 74:301-7, Apr-Jun 70 (Rum)
- [Disseminated intravascular coagulation] Papilian M. *Stud Cercet Med Intern* 10:209-21, 1969 (70 ref.) (Rum)
- [State of the coagulation and anticoagulation system of the blood in premature labor] Khaifullina SK. *Akush Ginek (Moskva)* 45:65-8, Jun 69 (Rus)
- [Blood coagulation system in women with pathological blood losses in labor and early puerperium] Viankin KI. *Akush Ginek (Moskva)* 45:71-2, Nov 69 (Rus)
- [A case of acute fibrinolysis in reconstructive surgery of the stomach] Gel'fer AP, et al. *Klin Khir (Kiev)* 5:55-7, May 70 (Rus)
- [Characteristics of the process of hemocoagulation in patients with chronic glomerulonephritis] Shul'tsev GP, et al. *Klin Med (Moskva)* 47:60-5, Nov 69 (Rus)
- [Blood dilution in extracorporeal circulation] Maia VS, et al. *Probl Gemat* 13:31-6, Sep 68 (Rus)
- [Functional status of the blood coagulation and anticoagulation system in diabetes mellitus] Prishliak VD. *Vrach Delo* 8:19-21, Aug 69 (Rus)
- Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)
- Fibrin-fibrinogen degradation products in sera of normal infants and children. Uttley WS, et al. *Arch Dis Child* 44:761-4, Dec 69
- The production of schistocytes by fibrin strands (a scanning electron microscope study). Bull BS, et al. *Blood* 35:104-11, Jan 70
- A macroglobulin with inhibitory activity against coagulation factor VIII. Castaldi PA, et al. *Blood* 35:370-6, Mar 70
- Aspirin ingestion compared with bleeding disorders—search for a useful platelet antiaggregant. Weiss HJ. *Blood* 35:333-40, Mar 70
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69
- Plasma fibrinogen: determination, normal values, physiopathologic shifts, and fluctuations. Grannis GF. *Clin Chem* 16:486-94, Jun 70
- Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. *Haemat Lat* 12:143-54, Apr-Jun 69
- Platelet adhesiveness in Hageman trait. Walsh PN. *Lancet* 2:575, 12 Sep 70
- Tissue damage in disseminated intravascular coagulation—mechanisms of localization of thrombin in the microcirculation. McKay DG. *Thromb Diath Haemorrh* 36:Suppl 36:67-81, 1969
- The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al. *Thromb Diath Haemorrh* 36:Suppl 36:151+, 1969
- Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. *Thromb Diath Haemorrh* 23:423-31, 30 Jun 70
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al. *Thromb Diath Haemorrh* 36:Suppl 36:99+, 1969
- [Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al. *Nouv Rev Franc Hemat* 9:611-26, Sep-Oct 69 (Fre)
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. *Path Europ* 4:Suppl 1:9-286, 1969 (Fre)
- [Inhibitor of prothrombin activation] Lechner K, et al. *Klin Wschr* 47:1225-32, 15 Nov 69 (Ger)
- [Screening tests for blood coagulation disorders] Drescher KH. *Med Lab (Stuttgart)* 22:204-12, Sep 69 (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Changes of sedimentation rate of pregnant women and obstetrical hemorrhage] Ogawa M, et al. *J Jap Obstet Gynec Soc* 22:251-6, Mar 70 (Jap)
- [Blood coagulation tests for plasma factors. Tatsumi factor] Umegaki K. *Jap J Clin Path* 16:Suppl 16:105+, 1969 (Jap)
- [Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al. *Biokhimiia* 34:816-23, Jul-Aug 69 (Rus)
- [Immunoelectrophoretic study of fibrinogen and of degradation products of fibrinogen and fibrin] Karpinskaja VM. *Probl Gemat* 13:53-6, Jan 68 (Rus)

## CHEMICALLY INDUCED

- Spontaneous and experimental thrombosis in the mouse placenta. Moe N. *Acta Path Microbiol Scand* 77:653-75, 1969
- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)
- Safe uses of cholestyramine. Casdorph HR. *Ann Intern Med* 72:759, May 70
- Defibrination syndrome due to scorpion venom poisoning. Devi CS, et al. *Brit Med J* 1:345-7, 7 Feb 70
- Haematological complications of chlorate poisoning. Lee DB, et al. *Brit Med J* 2:31-2, 4 Apr 70
- Malignant hyperthermia: a statistical review. Britt BA, et al. *Canad Anaesth Soc J* 17:293-315, Jul 70 (70 ref.)
- Disseminated intravascular coagulation—a complication of chemotherapy in acute myelomonocytic leukemia. Leavey RA, et al. *Cancer* 26:142-5, Jul 70

## BLOOD

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state.



# SUBJECT SECTION

# BLOOD

Carbenicillin-induced coagulopathy. Lurie A, et al. *Lancet* 1:1114-5, 23 May 70

Neonatal coagulation defect due to anticonvulsant drug treatment in pregnancy. Mountain KR, et al. *Lancet* 1:265-8, 7 Feb 70

Plasma-proteins and oral contraceptives. *Lancet* 1:72-3, 10 Jan 70

Acquired coagulation-factor deficiencies. Hocking DR. *Med J Aust* 1:657-9, 28 Mar 70

Catecholamines, disseminated intravascular coagulation and shock. *Med J Aust* 1:785-8, 18 Apr 70

L-asparaginase: therapeutic and toxic effects in patients with neoplastic disease. Haskell CM, et al. *New Eng J Med* 281:1028-34, 6 Nov 69

EACA and intravascular coagulation. Kazemi H, et al. *New Eng J Med* 281:1247, 27 Nov 69

EACA and intravascular coagulation. Stewart DG. *New Eng J Med* 281:1247, 27 Nov 69

The clinical toxicities of L-asparaginase in treatment of leukemia and lymphoma. Zubrod CG. *Pediatrics* 45:555-9, Apr 70

Oral contraceptives: their side effects and ophthalmological manifestations. Chizek DJ, et al. *Survey Ophthal* 14:90-105, Sep 69 (107 ref.)

Tissue damage in disseminated intravascular coagulation-mechanisms of localization of thrombi in the microcirculation. McKay DG.

Thromb Diath Haemorrh 36:Suppl 36:67-81, 1969

The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al.

Thromb Diath Haemorrh 36:Suppl 36:151+, 1969

Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G.

Thromb Diath Haemorrh 36:Suppl 36:45-61, 1969

Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.

Thromb Diath Haemorrh 36:Suppl 36:83-97, 1969

[The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)

[Acquired thrombopathy due to the use of acetosal] Cate JW ten, et al.

Nederl T Geneesk 113:2273-7, 20 Dec 69 (Dut)

[Dangers in the use of acetosal] Cate JW ten, et al. *T Ziekenverpl* 23:137-9, 3 Feb 70 (Dut)

[Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)

[Asparaginase, 1969] Bolron M, et al. *Path Biol (Paris)* 17:1129-32, Dec 69 (Fre)

[Treatment of acute leukemia with the L-asparaginase. Preliminary results based on 84 cases] Bernard J, et al. *Presse Med* 78:161-6, 24 Jan 70 (Fre)

[Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)

[Acute fatal boric acid poisoning by irrigation of the bladder following prostatectomy] Schulthess F von, et al. *Schweiz Med Wschr* 99:1686-9, 22 Nov 69 (Ger)

[Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al.

Thromb Diath Haemorrh 23:369-85, 1970 (Ger)

[L-asparaginase in the treatment of lymphoblastic leukemia in children] Bohlmann HG, et al. *Z Kinderheilk* 107:107-14, 1969 (Ger)

[Blood coagulation changes induced with antidiabetic therapy] Carignola W, et al. *Clin Ter* 51:31-9, Oct 69 (Ita)

[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. *Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)

[Etiological mechanism of consumption coagulopathy] Maekawa T, et al.

Jap J Clin Path 17:821-5, Nov 69 (Jap)

[Radiographic contrast medium Uromiro and blood clotting] Klamut M, et al.

Pol Tyg Lek 24:1311-3, 25 Sep 69 (Pol)

[Changes in coagulation and hemostasis induced with common drugs] Papillan M. *Stud Cercet Med Intern* 11:181-93, 1970 (Rum)

[Changes in the coagulating and anticoagulating systems of the blood in uterine cervix cancer patients following administration of massive doses of thio-TEPA] Kuliev ShB, et al. *Vop Onkol* 15:49-54, 1969 (Rus)

[Effect of aromatic nitro- and amino-compounds on the

blood coagulation system] Vasilenko NM, et al. *Vrach Delo* 8:110-2, Aug 69 (Rus)

[Humanae vitae seen by a physician] Bosch Marin J. *An Acad Nac Med (Madrid)* 86:299-326, 1969 (Spa)

[Oxytocic perfusion and fibrinogen] Alarcon H. *Rev Chile Obstet Ginec* 34:272-5, 1969 (Spa)

## CLASSIFICATION

[Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)

## COMPLICATIONS

Thromboelastographic studies in polycythaemia vera. Nagy G, et al. *Acta Med Acad Sci Hung* 26:271-4, 1969

Von Willebrand's disease in an Icelandic family. Jensson O, et al. *Acta Med Scand* 187:229-34, 3 Mar 70

The bleeding disorder in hepatomegalic forms of glycogen storage disease. Nilsson IM, et al. *Acta Paediat Scand* 59:127-33, Mar 70

Disseminated intravascular coagulation in a patient with metastatic adenocarcinoma of the rectum. Straatsma GW, et al. *Alaska Med* 11:113-6, Sep 69

Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al. *Amer J Clin Path* 52:547-56, Nov 69

Complications of fetal blood sampling. Balfour HH Jr, et al. *Amer J Obstet Gynec* 107:288-94, 15 May 70

Pre-eclampsia and related complications of pregnancy. Sims EA. *Amer J Obstet Gynec* 107:154-81, 1 May 70 (202 ref.)

Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al. *Ann Intern Med* 73:373-8, Sep 70

Microangiopathic hemolytic anemia. Brain MC. *Ann Rev Med* 21:133-44, 1970 (83 ref.)

Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70

Spontaneous hemothorax in the newborn: another cause for respiratory distress. Aaron BL, et al. *Ann Thorac Surg* 9:258-62, Mar 70

Pneumococcal bacteremia and disseminated intravascular coagulation. Bisno AL. *Arch Intern Med (Chicago)* 126:526, Sep 70

Complications of vacuum extraction. Chalmers JA. *Brit Med J* 4:109, 11 Oct 69

Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al. *Brit Med J* 3:545-7, 5 Sep 70

Progress in disseminated intravascular coagulation. II. McKay DG. *Calif Med* 111:279-90, Oct 69

Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1-51, Jan 70 (114 ref.)

Stroke: U.S. and Japan. Summary and conclusions. Baker AB, et al. *Geriatrics* 24:124-32, Nov 69

A syndrome of cutaneous vasculitis associated with decreased fibrinolytic activity. Menon IS, et al. *J Ass Physicians India* 17:739-43, Dec 69

Non-traumatic necrosis of the femoral head. I. Relation of altered hemostasis to etiology. Boettcher WG, et al. *J Bone Joint Surg [Amer]* 52:312-21, Mar 70

Haemophilic cysts. Report of five cases. Steel WM, et al. *J Bone Joint Surg [Brit]* 51:614-26, Nov 69

Study of maternal mortality. *J Kentucky Med Ass* 68:75-6, Feb 70

Coagulation studies in the hemolytic-uremic syndrome. Avalos JS, et al. *J Pediat* 76:538-48, Apr 70

Unusual complications of kidney biopsy. River GL, et al. *J Urol* 103:15-7, Jan 70

Weber-Christian disease complicated by consumption coagulopathy and microangiopathic hemolytic anemia. Spivak JL, et al. *Johns Hopkins Med J* 126:344-9, Jun 70

Induction of hypotension in rhesus monkeys and rabbits by intravenous thrombin infusion. Whitaker AN, et al. *Lab Invest* 20:79-86, Jan 69

Circulating heparin-like substance following liver injury. Little JM, et al. *Lancet* 1:1055-6, 16 May 70

Vascular factors in acute pancreatitis. Muggia FM. *Lancet* 1:245, 31 Jan 70

Focal tissue necrosis. Hardaway RM 3d. *Laryngoscope* 79:1705-12, Oct 69

Sudden deafness—a local manifestation of systemic disorders: fat emboli, hypercoagulation and infections. Jaffe BF. *Laryngoscope* 80:788-801, May 70

Catecholamines, disseminated intra-vascular coagulation and shock. Halmagyi DF. *Med J Aust* 1:1020, 16 May 70



- Catecholamines, disseminated intravascular coagulation and shock. *Med J Aust* 1:785-6, 18 Apr 70
- Hypercalcemia and clotting. Hilgard P. *New Eng J Med* 283:436, 20 Aug 70
- Hyperproteinemic proteinuria induced by plasma infusion. McLaine PN, et al. *Pediatr Res* 3:597-603, Nov 69
- Disseminated intravascular coagulopathy in hyaline membrane disease: massive thrombosis following umbilical artery catheterization. Du JN, et al. *Pediatrics* 45:287-9, Feb 70
- Acute haemorrhagic syndrome due to intravascular coagulation. Zosin P, et al. *Rom Med Rev* 13:16-22, Jul-Sep 69
- Haemostatic studies during clinical pig liver perfusion. Possible complication of intravascular coagulation. Flatmark A, et al. *Scand J Gastroent* 5:315-9, 1970
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- Intravascular coagulation in systemic amyloidosis. Bowie EJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:305+, 1969
- Factor XII defect and hemorrhage. Evidence for a new type of hereditary hemostatic disorder. Egeberg O. *Thromb Diath Haemorrh* 23:432-40, 30 Jun 70
- New families with factor XII deficiency. Egeberg O. *Thromb Diath Haemorrh* 23:441-8, 30 Jun 70
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- Consumption coagulopathy in liver cirrhosis. Hördér MH. *Thromb Diath Haemorrh* 36:Suppl 36:313-8, 1969
- Intravascular coagulation and arterial disease. Kazmier FJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:295+, 1969
- Consumption coagulopathy in obstetrics and gynecology. Steichele DF. *Thromb Diath Haemorrh* 36:Suppl 36:177+, 1969
- Discussion of disseminated intravascular coagulation in decompression sickness. SMRL Report No. 585. Holland JA. *US Naval Submar Med Cent* 1-12, 20 Jun 69 (124 ref.)
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al. *Anesth Analg (Paris)* 28:609-18, Jul-Aug 69 (Fre)
- [Problems raised by the disobstruction of arterio-venous shunts] Murisasco A, et al. *Anesth Analg (Paris)* 27:147-52, Jan-Feb 70 (Fre)
- [Post-operative hemorrhage caused by local fibrinolysis] Flament J. *Arch Ophtal (Paris)* 29:785-94, Nov 69 (Fre)
- [Postoperative hemorrhage in cardiac surgery with extracorporeal circulation] Cachera JP, et al. *J Chir (Paris)* 99:97-107, Feb 70 (Fre)
- [Neonatal thrombocytopenia] Béthenod M, et al. *Pediatric* 24:937-50, Dec 69 (Fre)
- [Chronic widespread intravascular coagulation syndrome and cyanotic congenital cardiopathy. The place of heparin during preoperative period] Bailly Y, et al. *Presse Med* 78:1571-4, 29 Aug 70 (Fre)
- [Epistaxis] Doncleux D, et al. *Presse Med* 77:2091-5, 25 Dec 69 (Fre)
- [Moscicowicz's disease: consumption coagulopathy?] Muller JM, et al. *Presse Med* 77:1895-8, 29 Nov 69 (Fre)
- [Obstetrical hemorrhage due to incoagulability of the blood. Possibilities of prophylactic treatment] Pigeaud H. *Rev Franc Gynec Obstet* 65:3-10, Jan-Feb 70 (Fre)
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. *Bibl Haemat* 32:281-7, 1969 (Ger)
- [Shock, acidosis and lipolysis] Sommerkamp H. *Bruns Beitr Klin Chir* 217:673-7, Dec 69 (Ger)
- [Pathologico-anatomical aspects of cerebral circulation disorders] Ule G. *Bull Schweiz Akad Med Wiss* 24:440-59, Jul 69 (Ger)
- [Postoperative abdominal wall rupture] Böttger G, et al. *Chirurg* 40:80-5, Feb 69 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. *Chirurg* 40:76-80, Feb 69 (Ger)
- [Fetal endocarditis and consumption coagulopathy in a new-born child] Künzer W, et al. *Deutsch Med Wschr* 95:1107-15, 15 May 70 (Ger)
- [Atypical massive intracerebral hemorrhage] Grote E, et al. *Deutsch Z Nervenheilk* 197:66-76, 29 Dec 69 (Ger)
- [Etiological aspects of thrombocytopenia] Parreira F, et al. *Munchen Med Wschr* 111:2640-6, 19 Dec 69 (Ger)
- [Subarachnoid hemorrhages associated with increased fibrinolysis] Wiczorek V, et al. *Munchen Med Wschr* 112:366-9, 27 Jan 70 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al. *Thromb Diath Haemorrh* 23:369-85, 1970 (Ger)
- [Disseminated intravascular coagulation and perinatal shock] Bleyl U, et al. *Verh Deutsch Ges Path* 53:495-501, 1969 (Ger)
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. *Wien Z Inn Med* 51:49-58, 1970 (Ger)
- [Differential diagnosis of gastrointestinal hemorrhage in children with special reference to age] Dietel K. *Z Aerztl Fortbild (Jena)* 63:920-5, 1 Sep 69 (Ger)
- [Atonic hemorrhage in pregnancy interruption and its complications due to coagulation disorders] Vago O. *Zbl Gynaek* 92:62-3, 10 Jan 70 (Ger)
- [Epidemiology, pathogenesis and prophylaxis of atherosclerosis. Medico-social considerations] Terzuolo D. *Arch Sci Med (Torino)* 125:542-50, Oct 68 (Ita)
- [Significance and role of splenomegaly in digestive hemorrhage caused by portal hypertension] Staudacher V, et al. *Minerva Gastroent* 15:205-21, Oct-Dec 69 (Ita)
- [The hemorrhagic diseases reflected in dental practice] Vichi F, et al. *Riv Ital Stomat* 24:1253-92, Dec 69 (89 ref.) (Ita)
- [Intra- and postoperative management of consumption coagulopathy] Ninomiyak, et al. *Jap J Clin Path* 17:838-42, Nov 69 (Jap)
- [Blood coagulation tests for plasma factors. Tatsumi factor] Umegaki K. *Jap J Clin Path* 16:Suppl 16:105+, 1969 (Jap)
- [Intrauterine curettage and the capacity of blood coagulation] Shinagawa N, et al. *Sanfujin Jissai* 19:758-62, Jul 70 (Jap)
- [Etiopathogenesis of thrombosis in surgery] Bogusz J, et al. *Pol Przegl Chir* 42:263-9, Feb 70 (Pol)
- [Premature placental separation: coagulation disorders and therapeutic treatment] Neme B. *Matern Infanc (S Paulo)* 28:243-54, Oct-Dec 69 (Por)
- [Study of some hydrodynamic changes at the level of vascular junctions and their possible role in the appearance and spreading of venous thrombosis] Gavrilescu S, et al. *Fiziol Norm Pat* 16:27-35, 1970 (Rum)
- [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsiuk AI. *Kardiologija* 9:21-8, Sep 69 (Rus)
- [Pathogenesis and prevention of hemostasis disorders in diseases of the prostate] Skipetrov VP, et al. *Klin Khir (Kiev)* 5:33-9, May 69 (Rus)
- [Prethrombotic states in patients with hypertension and arteriosclerosis] Mizin II. *Klin Med (Moskva)* 47:48-52, Jul 69 (Rus)
- [The state of the coagulating and anticoagulating system of blood in hemorrhages during the early postpartum period] Vasil'eva KM. *Soviet Med* 31:118-9, Dec 68 (Rus)
- [Problems of resuscitation in obstetrics] Baksheev NS, et al. *Vop Okhr Materin Dets* 14:54-60, Mar 69 (Rus)
- [Changes in the blood coagulation system in patients with hypertensive disease with thrombohemorrhagic complications] Andrushchenko EV. *Vrach Delo* 1:35-8, Jan 69 (Rus)
- [State of blood coagulation system in patients with chronic nonspecific pneumonia] Osychniuk VI, et al. *Vrach Delo* 1:79-81, Jan 69 (Rus)
- [Regional and general hemodynamic factors and the etiopathogenesis of toxicemic syndromes] López-Llera M. *Ginec Obstet Mex* 27:135-46, Feb 70 (Spa)
- [Argentine hemorrhagic fever and consumption coagulation disorders] Agrest A, et al. *Medicina (B Air)* 29:194-201, May-Jun 69 (Spa)
- [Coagulation and hemostasis] Santos F. *Rev Brasil Anest* 19:153-63, Apr-Jun 69 (Spa)
- [Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al. *Rev Clin Esp* 113:481-90, 30 Jun 69 (87 ref.) (Spa)
- [Consumption coagulopathy in a patient with cancer of



# SUBJECT SECTION

# BLOOD

the prostate] Kleimans M, et al.  
Sangre (Barc) 15:130-4, 1970 (Spa)  
[Chronic hypercoagulability syndrome in a case of  
paroxysmal nocturnal hemoglobinuria (H.P.N)]  
Pizzuto J, et al. Sangre (Barc) 14:457-62, 1969 (Spa)

## CONGENITAL

Standardization of laboratory tests for controlling  
anticoagulant therapy. Zucker S, et al.  
Amer J Clin Path 53:348-54, Mar 70  
Chromatographic, ultracentrifugal, and related studies  
of fibrinogen "Baltimore". Mosseson MW, et al.  
J Clin Invest 48:1656-62, Sep 69  
Congenital factor XIII deficiency and increased  
fibrinolysis. A case report. Hathirat P, et al.  
Rocky Mountain Med J 67:39-42, Jun 70  
Congenital hemorrhagic diathesis with deficiency of  
factor XIII. A case report and a family study. Abels J,  
et al. Thromb Diath Haemorrh 23:340-6, 1970  
Congenital deficiency of factor XIII. Ozsoylu S, et al.  
Turk J Pediat 11:45-50, Apr 69  
[Modern trends in the therapy of congenital and  
acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
[A new congenital hemorrhagic coagulation disorder  
probably due to the presence of an abnormal factor X.  
Preliminary study] Girolami A, et al.  
Minerva Med 60:4939-49, 8 Dec 69 (Ita)  
[Current aspects of the concept of thrombocytopeny]  
Parreira F, et al.  
Minerva Med 60:5319-27, 26 Dec 69 (Ita)  
[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

## DIAGNOSIS

Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)  
Prevention of pulmonary embolism by caval ligation.  
Ochsner A, et al. Ann Surg 171:923-38, Jun 70  
Coagulation defects in undiagnosed recurrent  
gastrointestinal bleeding. Toskes PP, et al.  
Ann Surg 172:98-108, Jul 70  
Preoperative screening for potential T&A bleeding.  
Thomas GK, et al.  
Arch Otolaryng (Chicago) 91:453-6, May 70  
Congenital factor XIII deficiency. Report of 2 cases.  
Fradera J, et al. Bol Asoc Med P Rico 61:294-9, Aug 69  
A "new" congenital haemorrhagic condition due to the  
presence of an abnormal factor X (factor X Friuli):  
study of a large kindred. Girolami A, et al.  
Brit J Haemat 19:179-92, Aug 70  
Progress in disseminated intravascular coagulation.  
McKay DG. Calif Med 111:186-98 contd, Sep 69  
Platelet adhesiveness as a diagnostic tool. Laidlaw SJ.  
Canad J Med Techn 32:112-8, Jun 70  
Heparin treatment in abruptio placentae. Coopland AT,  
et al. Canad Med Ass J 103:377-9, 15 Aug 70  
Disseminated intravascular coagulation. Bachmann F.  
DM 3-44, Dec 69 (76 ref.)  
Consumptive coagulopathy. Mittal SK.  
Indian J Pediat 37:73-6, Feb 70  
Outline of a method for the detection of coagulation  
disorders. Walker DG. J Oral Surg 27:670, Aug 69  
Ethanol gelation test. Nalbandian RM, et al.  
New Eng J Med 281:1428, 18 Dec 69  
A comparative study of four methods for detecting  
fibrinogen degradation products in patients with  
various diseases. Thomas DP, et al.  
New Eng J Med 283:663-8, 24 Sep 70  
Chronic intravascular coagulation and  
microangiopathic hemolytic anemia in a patient with  
carcinoma of the lung. Rodriguez JM, et al.  
Ohio Med J 65:1010-6, Oct 69  
Congenital factor XIII deficiency and increased  
fibrinolysis. A case report. Hathirat P, et al.  
Rocky Mountain Med J 67:39-42, Jun 70  
Acute haemorrhagic syndrome due to intravascular  
coagulation. Zosin P, et al.  
Rom Med Rev 13:16-22, Jul-Sep 69  
A simple test for detecting disorders of thromboplastin  
generation. Benedek E, et al.  
Scand J Haemat 7:49-55, 1970  
Hereditary thrombocytopenia with excessively  
prolonged bleeding time. Stavem P, et al.  
Scand J Haemat 6:250-61, 1969  
New tests for the diagnosis of consumption  
coagulopathy. Niewiarowski S.  
Thromb Diath Haemorrh 36:Suppl 36:277-9, 1969

Chronic intravascular coagulation (IFC) syndrome.  
Owen CA Jr, et al.  
Thromb Diath Haemorrh 36:Suppl 36:197-4, 1969  
Methods for differential diagnosis of consumption  
coagulopathy. Maki M, et al.  
Tohoku J Exp Med 99:347-60, Dec 69  
[Liberation by hypotonic shock of procoagulant  
platelet factors. Value of thrombelastography]  
Plouvier SR, et al.  
Agressologie 10:33-43, Jan-Feb 69 (Fre)  
[Examination of a patient with constitutional disorders  
of hemostasis] Alagille MD.  
Bordeaux Med 3:1055-6 passim, Apr 70 (Fre)  
[Micromethod of collagen extraction from human skin  
biopsy (application to the study of bleeding diseases)]  
Legrand Y, et al.  
Path Biol (Paris) 17:991-3, Nov 69 (Fre)  
[Moschcowitz's disease: consumption coagulopathy?]  
Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)  
[On the diagnosis of consumption coagulopathies]  
Heene DL. Bibl Haemat 32:270-80, 1969 (Ger)  
[Consumption coagulopathy] Holzknecht F.  
Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)  
[Fetal(?) endocarditis and consumption coagulopathy  
in a newborn] Trebbin H, et al.  
Deutsch Med Wschr 95:1418-9, 26 Jun 70 (Ger)  
[Inhibitor of prothrombin activation] Lechner K, et al.  
Klin Wschr 47:1225-32, 15 Nov 69 (Ger)  
[Different forms of utilization coagulopathy and their  
treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
[Massive parenchymatous hemorrhage in newborn  
infants] Geley L, et al.  
Munchen Med Wschr 111:2206-10, 24 Oct 69 (Ger)  
[Laboratory control of oral anticoagulation.  
Experiences from The Netherlands] Loeliger EA.  
Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.)  
(Ger)  
[Normotest-Owren, a new screening test for the  
exogenic blood coagulation system] Pilgerstorfer  
HW, et al. Wien Klin Wschr 82:237-40, 27 Mar 70 (Ger)  
[Hirudin tolerance test following an operative trauma  
and during the postoperative period] Wozlwodzki G.  
Zbl Chir 94:450-3, 5 Apr 69 (Ger)  
[Diagnosis and therapy of generalized  
Shwartzman-Sanarelli phenomenon] Kreuzer K, et al.  
Zbl Gynaek 91:504-9, 19 Apr 69 (Ger)  
[Screening tests for coagulation disorders] Asai K.  
Jap J Clin Path 16:Suppl 16:35-47, 1969 (Jap)  
[Screening tests for coagulation disorders] Asai K.  
Jap J Clin Path 16:Suppl 16:35-47, 1969 (Jap)  
[Influence of fibrinolysis on factor XIII assay] Suzuki  
H, et al. Jap J Clin Path 18:540-4, Aug 70 (Jap)  
[Laboratory diagnosis of consumption coagulopathy  
with a special reference to immunological analysis of  
fibrinopeptides] Ukita M, et al.  
Jap J Clin Path 17:828-30, Nov 69 (Jap)  
[Study of acquired dysfibrinogenemias. I. Importance  
of the comparative study of 2 methods of  
determination of fibrinogen for the demonstration of  
dysfibrinogenemias] Papillan M, et al.  
Stud Cercet Med Intern 10:525-35, 1969 (Rum)  
[Contribution to the diagnostic and prognostic value of  
tests for blood lipid disorders, coagulation disorders  
and thrombocyte adhesiveness in cerebral vascular  
disorders] Popoviciu L, et al.  
Stud Cercet Neurol 14:57-65, 1969 (Rum)  
[Changes in the blood coagulant and anticoagulant  
systems in patients with varicose widening of the  
veins of the lower extremities before and after  
surgery] Khrushcheva EA, et al.  
Eksp Khir Anest 14:68-70, Nov-Dec 69 (Rus)  
[The significance of thromboelastography in  
obliterating diseases of the arteries of the  
extremities] Barkagan ZS, et al.  
Khirurgiya (Moskva) 45:60-5, Jun 69 (Rus)  
[Rapid diagnosis of blood coagulation disorders]  
Fedorova ZD. Lab Delo 8:468-71, 1969 (Rus)  
[Acute promyelocytic leukemia. Cytologic and  
coagulopathic characteristics] Mikes A, et al.  
Med Pregl 22:189-95, 1969 (Ser)  
[Rapid tests for diagnosis of coagulation disturbances.  
Results of a clinical trial] Norén I, et al.  
Nord Med 82:1277-83, 9 Oct 69 (Swe)

## DRUG THERAPY

Therapy of macroglobulinaemia. Comparison of the  
effect of therapy on the level of monoclonal  
immunoglobulins and on clinical symptoms in four



- cases of waldenström's macroglobulinaemia and one case of IgA myeloma. Pronk EA, et al. *Acta Med Scand* 186:273-81, Oct 69
- Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Bloomfield DK. *Amer J Obstet Gynec* 107:883-8, 15 Jul 70
- Coronary artery disease. Wynands JE, et al. *Anesthesiology* 33:260-81, Aug 70 (218 ref.)
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- The use of blood fractions in coagulation disorders. Biggs R. *Brit J Haemat* 17:604, Dec 69
- Husbandry of blood products; the clinical use of cyklokapron. O'Shea MJ, et al. *Brit J Haemat* 17:612-3, Dec 69
- Defibrination syndrome due to scorpion venom poisoning. Devi CS, et al. *Brit Med J* 1:345-7, 7 Feb 70
- Septic shock. Wardle EN. *Brit Med J* 1:236, 24 Jan 70
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. *Clin Sci* 38:15P, Mar 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Consumptive coagulopathy. Mittal SK. *Indian J Pediatr* 37:73-6, Feb 70
- An unusual case of recurrent coagulation failure in pregnancy. Treatment with heparin. Basu HK, et al. *J Obstet Gynaec Brit Comm* 76:936-40, Oct 69
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al. *J Pediatr* 76:549-54, Apr 70
- Epsilon-aminocaproic acid in preoperative correction of haemostatic defect in cyanotic congenital heart-disease. Gralnick HR. *Lancet* 1:1204-5, 6 Jun 70
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. *Lancet* 1:533-7, 14 Mar 70
- Heparin-exchange phenomenon. Zuck TF, et al. *Lancet* 2:210, 25 Jul 70
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. *New Eng J Med* 283:778-82, 8 Oct 70
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. *Obstet Gynec* 35:690-4, May 70
- Is there a place for proteinase inhibition? A review of the literature. Lister GD. *Postgrad Med J* 45:571-3, Aug 69 (42 ref.)
- Haemostatic studies during clinical pig liver perfusion. Possible complication of intravascular coagulation. Flatmark A, et al. *Scand J Gastroent* 5:315-9, 1970
- Intravascular coagulation in systemic amyloidosis. Bowie EJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:305+, 1969
- Consumption coagulopathy in liver cirrhosis. Hörder MH. *Thromb Diath Haemorrh* 36:Suppl 36:313-8, 1969
- Intravascular coagulation and arterial disease. Kazmier FJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:295+, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG. *Thromb Diath Haemorrh* 36:Suppl 36:281+, 1969
- [Use of antifibrinolytic agents in obstetrics] Vojta M. *Cesk Gynec* 35:384-6, Jul 70 (Cze)
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al. *Anesth Analg (Paris)* 26:609-18, Jul-Aug 69 (Fre)
- [Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al. *Ann Med Intern (Paris)* 120:827-33, Dec 69 (Fre)
- [Postoperative hemorrhage in cardiac surgery with extracorporeal circulation] Cachera JP, et al. *J Chir (Paris)* 99:97-107, Feb 70 (Fre)
- [Use of Sintrom in vascular surgery] Lesbros A. *Marseille Med* 107:199-200, 1970 (Fre)
- [Chronic widespread intravascular coagulation syndrome and cyanotic congenital cardiopathy. The place of heparin during preoperative period] Bailly Y, et al. *Presse Med* 78:1571-4, 29 Aug 70 (Fre)
- [The therapy of intravascular blood coagulation disorders in pediatrics] Brüster H. *Bibl Haemat* 32:305-11, 1969 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. *Bibl Haemat* 32:281-7, 1969 (Ger)
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. *Bibl Haemat* 32:298-304, 1969 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. *Chirurg* 40:76-80, Feb 69 (Ger)
- [Consumption coagulopathy] Holzknecht F. *Deutsch Med Wschr* 95:1277-8, 5 Jun 70 (Ger)
- [Antifibrinolytic agents and their therapeutic use] Fischer M. *Folia Haemat (Leipzig)* 92:64-77, 1969 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [Trasylol in hyperfibrinolytic conditions] Ludwig H. *Langenbecks Arch Chir* 325:358-61, 1969 (Ger)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al. *Med Welt* 50:2718-22, 13 Dec 69 (Ger)
- [Nil nocere: The blockade of the stellate ganglion and its dangers] Paulsen K, et al. *München Med Wschr* 112:817-23, 1 May 70 (Ger)
- [Subarachnoid hemorrhages associated with increased fibrinolysis] Wieczorek V, et al. *München Med Wschr* 112:366-9, 27 Jan 70 (Ger)
- [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA. *Schweiz Med Wschr* 99:1257-9, 30 Aug 69 (16 ref.) (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Therapeutic use of natural proteinase inhibitors] Gültow M. *Z Ges Inn Med* 24:785-90, 15 Nov 69 (Ger)
- [Diagnosis and therapy of generalized Schwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [General directions for anticoagulant therapy] Cuore Circ 54:35-8, Feb 70 (Ita)
- [Control and regulation of fibrinolysis in patients with arteriopathies by the use of an extractive mucopolysaccharide complex] Centonza D, et al. *Minerva Med* 60:Suppl 99:5023+, 12 Dec 69 (Ita)
- [Fibrinolysis and fibrinolytic therapy] Blix S. *T Norsk Laegeforen* 90:273-6, 25 Jan 70 (Nor)
- [Fibrinolytic and "consumption" coagulopathy. Therapeutic and clinical remarks] Dyk T. *Pol Tyg Lek* 24:1318-22, 25 Sep 69 (Pol)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R. *Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Lysis of thrombi and emboli by means of streptokinase. I. Activation of fibrinolysis, mechanism of plasmin activity, indications and contra-indications, treatment principles] Janda R, et al. *Przegl Lek* 25:701-5, 1969 (Pol)
- [Decreasing of mortality in postoperative thrombosis and embolism] Tregubenko AI. *Khirurgia (Moskva)* 45:65-9, Jun 69 (Rus)
- [Prevention of acute kidney failure in massive intravascular hemolysis] Kissin AG. *Probl Gemat* 14:11-6, Dec 69 (Rus)
- [Current trends in the therapeutic use of enzyme inhibitors in clinical practice] Veremeenko KN. *Vrach Delo* 11:11-9, Nov 69 (22 ref.) (Rus)
- [Blood coagulation changes in falciparum malaria. Report of a case treated with anticoagulants] Langer B, et al. *Rev Ass Med Brasil* 16:79-82, Mar 70 (Spa)
- [Chronic hypercoagulability syndrome in a case of paroxysmal nocturnal hemoglobinuria (H.P.N)] Pizzuto J, et al. *Sangre (Barc)* 14:457-62, 1969 (Spa)

## ENZYMOLGY

- Tissue damage in disseminated intravascular coagulation--mechanisms of localization of thrombi in the microcirculation. McKay DG. *Thromb Diath Haemorrh* 36:Suppl 36:67-81, 1969

## ETIOLOGY

- Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al. *Acta Haemat (Basel)* 43:65-72, 1970



# SUBJECT SECTION

# BLOOD

- Hyaline microthrombi in an autopsy material. A quantitative study with discussion of the relationship to small vessel thrombosis. Skjorten F. *Acta Path Microbiol Scand* 76:361-75, 1969
- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Changes in antithrombin 3 and plasminogen induced by oral contraceptives. Peterson RA, et al. *Amer J Clin Path* 53:468-73, Apr 70
- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. *Amer J Dis Child* 119:365-9, Apr 70
- Septicemia and disseminated intravascular coagulation in children postsplenectomy. Hilgartner MW, et al. *Amer J Dis Child* 119:192, Feb 70
- Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. Cohen I, et al. *Amer J Med* 48:766-76, Jun 70
- Blood fibrinolytic activity in skin diseases. Menon IS, et al. *Angiologica (Basel)* 7:39-43, 1970
- The syndrome of asplenia, pneumococcal sepsis, and disseminated intravascular coagulation. Bisno AL, et al. *Ann Intern Med* 72:389-93, Mar 70
- Consumption coagulopathy in miliary tuberculosis. Goldfine ID, et al. *Ann Intern Med* 71:775-7, Oct 69
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- Coagulation defects and bleeding in open-heart surgery. Signori EE, et al. *Ann Thorac Surg* 8:521-9, Dec 69
- Intravascular coagulation associated with pneumococcal bacteremia and symmetrical peripheral gangrene. Stossel TP, et al. *Arch Intern Med (Chicago)* 125:876-8, May 70
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. *Arch Surg (Chicago)* 101:62-8, Jul 70
- Special indications for gelatin plasma substitutes in gynecology. Pfeiffer GW. *Bibl Haemat* 33:534-5, 1969
- A macroglobulin with inhibitory activity against coagulation factor VIII. Castaldi PA, et al. *Blood* 35:370-6, Mar 70
- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- The original haemorrhagic fever: yellow fever. Dennis LH, et al. *Brit J Haemat* 17:455-62, Nov 69
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al. *Brit J Haemat* 18:643-52, Jun 70
- Coagulation failure in pregnancy. Courtney LD. *Brit Med J* 1:691, 14 Mar 70
- Disseminated intravascular coagulation. Richards AJ. *Brit Med J* 1:222-3, 25 Jul 70
- Septic shock. Wardle EN. *Brit Med J* 1:236, 24 Jan 70
- Transplantation of the liver in man. Williams R. *Brit Med J* 1:585-93, 7 Mar 70 (47 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69
- Progress in disseminated intravascular coagulation. II. McKay DG. *Calif Med* 111:279-90, Oct 69
- Disseminated intravascular coagulation: new bottles for an old wine. Radnoff OD. *Calif Med* 111:224-6, Sep 69
- Coagulation disorders in cancer. 3. Fibrinolysis and inhibitors. Soong BC, et al. *Cancer* 25:867-74, Apr 70
- Relationship between fatty-acid composition of platelets and platelet aggregation in rat and man. Relation to thrombosis. Renaud S, et al. *Circ Res* 26:553-64, May 70
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. *Clin Sci* 38:15P, Mar 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Vitamin K deficiency in the elderly. Hazell K, et al. *Geront Clin (Basel)* 12:10-7, 1970
- Management of hepatic coma complicating viral hepatitis. Pirola RC, et al. *Gut* 10:898-903, Nov 69
- Hemostatic mechanism in uremia. Singh G, et al. *Indian J Med Sci* 23:387-94, Jul 69
- Consumptive coagulopathy. Mittal SK. *Indian J Pediatr* 37:73-6, Feb 70
- Importance of plasma fibrinolytic activity in leprosy patients. Meyers WM. *Int J Leprosy* 37:343-50, Oct-Dec 69
- Non-traumatic necrosis of the femoral head. I. Relation of altered hemostasis to etiology. Boettcher WG, et al. *J Bone Joint Surg [Amer]* 52:312-21, Mar 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al. *J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- Defibrination syndrome in abruptio placentae and ABO blood type. Scott JM, et al. *J Obstet Gynaec Brit Comm* 76:806-8, Sep 69
- Neonatal septicemia. Gotoff SP, et al. *J Pediatr* 76:142-53, Jan 70
- Polycythemia in cyanotic heart disease—a study of altered coagulation. Komp DM, et al. *J Pediatr* 76:231-6, Feb 70
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al. *J Pediatr* 76:409-15, Mar 70
- Clotting and bleeding in cyanotic congenital heart disease. Nalman JL. *J Pediatr* 76:333-5, Feb 70
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al. *J Pediatr* 76:549-54, Apr 70
- Bleeding patterns after open-heart surgery. Gomes MM, et al. *J Thorac Cardiovasc Surg* 60:87-97, Jul 70
- Disseminated intravascular coagulation after transurethral prostatic resection. *JAMA* 210:338-9, 13 Oct 69
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al. *Lab Invest* 23:179-83, Aug 70
- Circulating heparin-like substance after liver injury. Beck EA. *Lancet* 1:1287, 13 Jun 70
- Coagulation defect due to anticonvulsant drug treatment in pregnancy. Davies PP. *Lancet* 1:413, 21 Feb 70
- Coagulation abnormalities in generalised herpes-simplex infection of newborn. Ekert H. *Lancet* 2:775-6, 10 Oct 70
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. *Lancet* 1:533-7, 14 Mar 70
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Acquired coagulation-factor deficiencies. Hocking DR. *Med J Aust* 1:657-9, 28 Mar 70
- Inhalation anesthesia for simple deep hypothermia induced by surface cooling. Okamura H. *Med J Osaka Univ* 20:29-79, Sep 69 (398 ref.)
- Septic shock. Management of intra-abdominal abscesses. Schwimmer D. *Minn Med* 53:389-91, Apr 70
- Polycythemia. Differential diagnosis and treatment. Seim H. *Minn Med* 53:557-61, May 70 (7 ref.)
- Coagulation and Schwartzman reaction. Colman RW, et al. *New Eng J Med* 281:1368, 11 Dec 69
- Gram-negative sepsis: another piece of the mosaic. Harlan WR. *New Eng J Med* 281:1127-8, 13 Nov 69
- Bleeding after cardiac catheterization. Hilgartner MW. *New Eng J Med* 281:1247, 27 Nov 69
- Bleeding after cardiac catheterization. Komp DM, et al. *New Eng J Med* 281:1246, 27 Nov 69
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al. *New Eng J Med* 283:383-90, 20 Aug 70
- Bleeding after cardiac catheterization. Trimble GX. *New Eng J Med* 281:1246, 27 Nov 69
- Hemorrhagic complications of labor and delivery. Fort AT. *Obstet Gynec* 34:717-20, Nov 69
- Chronic intravascular coagulation and microangiopathic hemolytic anemia in a patient with carcinoma of the lung. Rodriguez JM, et al. *Ohio Med J* 65:1010-6, Oct 69
- Coagulation disturbances in shock. Lasch HG. *Postgrad Med J* 45:539-42, Aug 69
- Physiological changes of the vaccinated organism: a basis for the interpretation of the clinical complications due to prophylactic vaccines. Del Campo A. *Progr Immunobiol Stand* 3:280-4, 1969
- Louse-borne relapsing fever. Bryceson AD, et al. *Quart J Med* 39:129-70, Jan 70
- Consumptive coagulopathy caused by a boomslang bite. Lakier JB, et al. *S Afr Med J* 43:1052-5, 23 Aug 69
- Portal decompression in the problematic patient. Adson MA. *Surg Clin N Amer* 49:991-7, Oct 69
- Intravascular coagulation—reality or myth? Attar S, et al. *Surgery* 68:27-33, Jul 70
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:333+, 1969



- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al. *Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969
- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al. *Thromb Diath Haemorrh* 22:408-10, 15 Nov 69
- Disseminated intravascular coagulation in shock. Hardaway RM ed. *Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG. *Thromb Diath Haemorrh* 36:Suppl 36:281+, 1969
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- Tissue damage in disseminated intravascular coagulation--mechanisms of localization of thrombi in the microcirculation. McKay DG. *Thromb Diath Haemorrh* 36:Suppl 36:67-81, 1969
- Activation of Hageman factor by alpha-adrenergic stimulation. McKay DG, et al. *Thromb Diath Haemorrh* 23:417-22, 30 Jun 70
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G. *Thromb Diath Haemorrh* 36:Suppl 36:45-61, 1969
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudlák P, et al. *Thromb Diath Haemorrh* 23:593-600, 30 Jun 70
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruek S, et al. *Thromb Diath Haemorrh* 36:Suppl 36:319+, 1969
- Consumptive coagulopathy, shock, and the artificial heart. DeVries WC, et al. *Trans Amer Soc Artif Intern Organs* 16:29-36, 1970
- [Changes in blood coagulation following reconstructive operations of obliterated arteries of the lower extremities] Pstružinová H, et al. *Cas Lek Cesk* 108:1409-13, 14 Nov 69 (Cze)
- [The role of the weak factor VIII inhibitors] Mayer G, et al. *Acta Haemat (Basel)* 42:27-41, 1969 (Fre)
- [Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al. *Ann Med Intern (Paris)* 120:827-33, Dec 69 (Fre)
- [New contribution to the study of leptospirosis in Reunion. II. Anatomopathology and histopathology of 10 fatal cases] Comby F, et al. *Bull Soc Path Exot* 62:92-101, Jan-Feb 69 (Fre)
- [Blood coagulation in experimental shock] Mazak J, et al. *J Chir (Paris)* 98:247-53, Sep 69 (Fre)
- [Prolongation of bleeding time and collagen anomalies] Caen J, et al. *Nouv Rev Franc Hemat* 10:426-30, May-Jun 70 (Fre)
- [Thrombopenia and disseminated intravascular coagulation] Philippe N, et al. *Pediatric* 24:911-26, Dec 69 (Fre)
- [Graft rejection phenomenon and disseminated intravascular coagulation. Study of human heart transplantation] Bailly Y, et al. *Presse Med* 77:1459-62, 11 Oct 69 (Fre)
- [Hazards of oral contraception using estroprogestational steroids] Mauvais-Jarvis P, et al. *Presse Med* 77:1419-22, 4 Oct 69 (Fre)
- [Dental hemorrhage and cancer of the prostate] Delaire J, et al. *Rev Stomat (Paris)* 71:152-6, Mar 70 (Fre)
- [Phlebothrombosis and magnesium] Dupont B, et al. *Sem Hop Paris* 45:3048-54, 26 Nov 69 (Fre)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. *Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Blood coagulation disorders due to fractures] Schulz W, et al. *Bruns Beitr Klin Chir* 218:136-44, Apr 70 (Ger)
- [Blood coagulation studies during the immunizing phase of leptospirosis with hemorrhagic disease course] Paar D, et al. *Deutsch Med Wschr* 95:954-8, 24 Apr 70 (Ger)
- [Antifibrinolytic agents and their therapeutic use] Fischer M. *Folia Haemat (Leipzig)* 92:64-77, 1969 (Ger)
- [Blood coagulation in psychotic patients under the effect of electroshock] Gaertner H, et al. *Folia Haemat (Leipzig)* 93:443-57, 1970 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [Local fibrinolytic coagulopathy following cesarean section because of necrotizing myometritis] Mogharrebi A. *Geburtsh Frauenheilk* 29:721-5, Aug 69 (Ger)
- [Heparin therapy in hemorrhagic traumatic shock] Popov S, et al. *Langenbecks Arch Chir* 325:60-6, 1969 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [Disseminated intravascular coagulation and perinatal shock] Bleyl U, et al. *Verh Deutsch Ges Path* 53:495-501, 1969 (Ger)
- [Perinatal disturbance in hemostasis after premature separation of the placenta] Bleyl U, et al. *Virchow Arch [Path Anat]* 348:1-15, 1969 (Ger)
- [Blood coagulation in liver cirrhosis] Fischer M. *Wien Z Inn Med* 51:109-10, 1970 (Ger)
- [Behavior of thrombocyte aggregation in liver cirrhosis] Tilz GP, et al. *Wien Z Inn Med* 51:1-6, 1970 (Ger)
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. *Wien Z Inn Med* 51:49-58, 1970 (Ger)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [Acute defibrination syndrome caused by prostatic adenocarcinoma] Kovács E, et al. *Orv Hetil* 110:2346-7, 5 Oct 69 (Hun)
- [Ocular symptoms in a case of essential cryoglobulinemia] Ponte F, et al. *Boll Oculist* 47:503-17, Aug 68 (Ita)
- [Factor XIII in the neonatal period] Rosti D. *Boll Soc Ital Biol Sper* 45:1220-2, 30 Sep 69 (Ita)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. *Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Blood coagulation in diabetic arteriopathic subjects] Tardito E. *Minerva Chir* 25:237-40, 28 Feb 70 (Ita)
- [Comparison of 3 overall coagulation tests in hepatic cirrhosis. Evaluation of their diagnostic usefulness and correlation with the hemorrhagic tendency] Mannucci PM, et al. *Minerva Med* 60:4950-3, 8 Dec 69 (Ita)
- [Aspects of the physiopathology of hemostasis: hemorrhagic tissue angiolipilia] Neri Serneri GG. *Minerva Med* 60:4959-63, 8 Dec 69 (Ita)
- [Thrombocytographic changes caused by a fatty meal] Regazzini A, et al. *Minerva Med* 60:4562-74, 17 Nov 69 (Ita)
- [Nephropathy due to aplol] Amerio A, et al. *Minerva Nefrol* 15:49-70, Jan-Apr 68 (Ita)
- [Hemorrhagic disease of the newborn. New pathogenetic trends] Grasso E, et al. *Minerva Pediat* 20:1139-69, 2 Jun 68 (Ita)
- [Thrombocytographic study on the behavior of the blood coagulation process in patients treated with cobalt teletherapy] Casassa PM, et al. *Minerva Radiol* 13:65-75, Jan-Feb 68 (Ita)
- [Fibrinolytic activity of the capillary blood after venous stasis] Bizzzi B, et al. *Policlinico [Prat]* 76:1195-8, 15 Sep 69 (Ita)
- [Clinical concept of consumption coagulopathy] Hasegawa M, et al. *Jap J Clin Path* 17:819-20, Nov 69 (Jap)
- [Etiological mechanism of consumption coagulopathy] Maekawa T, et al. *Jap J Clin Path* 17:821-5, Nov 69 (Jap)
- [Blood coagulation and fibrinolysis following hemorrhage in the dog] Worowski K, et al. *Acta Physiol Pol* 20:655-62, Jul-Aug 69 (Pol)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al. *Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Some anesthetic problems concerning splenectomy for hematologic indications] Jastrzębski J, et al. *Pol Przegl Chir* 42:355-9, Apr 70 (Pol)
- [Blood clotting disorders in experimental endotoxic shock] Bielski J, et al. *Pol Tyg Lek* 24:1384-6, 9 Sep 69 (Pol)
- [Smoking and thrombosis] Lisiewicz J, et al. *Wiad Lek* 22:1971-4, Nov 69 (Pol)
- [Disseminated intravascular coagulation syndrome in viral diseases] Rebedea I. *Med Intern (Bucur)* 22:137-42, Feb 70 (Rum)
- [Intravascular coagulation in grave diseases in infants] Chipall A, et al. *Pediatrica (Bucur)* 18:517-24, Nov-Dec 69 (Rum)



# SUBJECT SECTION

## BLOOD

### FAMILIAL & GENETIC

- [The body's reaction to the administration of thrombin to animals subjected to the prolonged effect of sound] Byshevskii ASH, et al.
- Biull Eksp Biol Med 67:16-8, May 69 (Rus)
- [Changes in the blood coagulant and anticoagulant systems during endotracheal anesthesia] Grigorian NA, et al. Eksp Khir Anest 14:64-7, Nov-Dec 69 (Rus)
- [The significance of thromboelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.
- Khirurgiia (Moskva) 45:60-5, Jun 69 (Rus)
- [The blood coagulant and anticoagulant system in surgical patients with diabetes mellitus] Kuleshov EV, et al. Khirurgiia (Moskva) 45:40-5, Nov 69 (Rus)
- [Postoperative fibrinogenolysis] Makarenko TP, et al. Khirurgiia (Moskva) 45:138-9, May 69 (Rus)
- [Blood coagulation system in peptic ulcer and its complications] Postolov MP, et al.
- Khirurgiia (Moskva) 45:40-4, Dec 69 (Rus)
- [Alterations in blood coagulation system at remote period following gastrectomy for peptic ulcer] Nechiporenko FP.
- Klin Khir (Kiev) 11:25-9, Nov 69 (Rus)
- [Blood coagulation changes in acetic acid poisoning] Fin'ko LN. Klin Med (Moskva) 47:84-7, Jul 69 (Rus)
- [Clinico-morphological analysis of the most important complications after heart valve prosthesis insertion] Rapoport IaL, et al.
- Klin Med (Moskva) 47:107-13, Jul 69 (Rus)
- [The thrombohemorrhagic syndrome as a general biological pattern of adaptive character] Machabeli MS. Lab Delo 8:451-5, 1969 (Rus)
- [The blood coagulation and fibrinolytic systems in experimental hypothyroidism] Petrishchev NN. Pat Fiziol Eksp Ter 13:48-50, May-Jun 69 (Rus)
- [Pathogenesis of hemorrhagic manifestations in children during the active phase of rheumatism] Kovaleva EV, et al. Pediatriia 48:30-4, Nov 69 (Rus)
- [Blood coagulation disorders in patients with thyroid gland dysfunction] Sheleg VA, et al.
- Probl Endokr (Moskva) 13:10-3, Jul-Aug 67 (Rus)
- [Fibrinolytic properties of human tissue and pathogenesis of hyperfibrinolysis in thrombohemorrhagic syndrome] Skipetrov VP. Probl Gemat 14:36-43, Nov 69 (Rus)
- [Blood coagulation changes under the effect of blood transfusions in patients with infiltrative pulmonary tuberculosis] Sukhov VM.
- Probl Tuberk 47:43-6, 1969 (Rus)
- [Blood coagulation system in non-icteric and little icteric forms of infectious hepatitis] Fedenko NN. Sovet Med 32:107-11, Jan 69 (Rus)
- [Some problems of pathogenesis of hemorrhagic manifestations in typhoid fever] Bogolitsyn IuG. Ter Arkh 41:81-4, May 69 (Rus)
- [The mechanism of development, diagnosis, prevention and therapy of traumatic fatty embolism] Apanasenko BG. Voennomed Zh 11:33-8, Nov 69 (Rus)
- [Presence and content of the fibrinogen-I-131 complex in the blood stream after intravenous thrombin administration] Filinkov AF.
- Vop Med Khim 16:59-62, Jan-Feb 70 (Rus)
- [Fibrinolytic properties of uterine tissues and pathogenesis of hyperfibrinolysis in obstetrical thrombohemorrhagic syndrome] Skipetrov VP.
- Vop Okhr Materin Dets 14:69-75, Mar 69 (Rus)
- [The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C deficiency] Sushkevich GN, et al.
- Vop Pitn 28:23-7, Sep-Oct 69 (Rus)
- [Thromboembolic complications and prethrombotic state in patients with diabetes mellitus] Dashtalants GA, et al. Vrach Delo 1:6-9, Jan 69 (Rus)
- [Some indices of the blood coagulation system and antithrombin activity in protracted forms of infectious hepatitis] Dorofeeva RP.
- Vrach Delo 10:102-4, Oct 69 (Rus)
- [Effect of preliminary overheating of the organism on the blood coagulation system under conditions of acute blood loss] Kazimirko NK.
- Vrach Delo 1:9-11, Jan 69 (Rus)
- [Blood coagulation changes in falciparum malaria. Report of a case treated with anticoagulants] Langer B, et al. Rev Ass Med Brasil 16:79-82, Mar 70 (Spa)
- [Determination in blood plasma of proteolytic products which provoke bleeding] Radzevich IM.
- Ukr Biokhim Zh 41:698-701, 1969 (Ukr)
- Von Willebrand's disease in an Icelandic family. Jenson O, et al. Acta Med Scand 187:229-34, 3 Mar 70
- Inheritance of deficiency of fibrin-stabilizing factor (factor 13). Lorand L, et al.
- Amer J Hum Genet 22:89-95, Jan 70
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.
- Ann Surg 172:98-108, Jul 70
- Variant of factor IX deficiency in female with 45, X Turner's syndrome. Bithell TC, et al.
- Blood 36:169-79, Aug 70
- Congenital factor XIII deficiency. Report of 2 cases. Fradera J, et al. Bol Asoc Med P Rico 61:294-9, Aug 69
- A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al.
- Brit J Haemat 19:179-92, Aug 70
- Platelet adhesiveness in Hageman trait. Walsh PN. Lancet 2:575, 12 Sep 70
- Factor XII defect and hemorrhage. Evidence for a new type of hereditary hemostatic disorder. Egeberg O. Thromb Diath Haemorrh 23:432-40, 30 Jun 70
- New families with factor XII deficiency. Egeberg O. Thromb Diath Haemorrh 23:441-8, 30 Jun 70
- Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD.
- Thromb Diath Haemorrh 23:12-8, 28 Feb 70
- [Examination of a patient with constitutional disorders of hemostasis] Alagille MD.
- Bordeaux Med 3:1055-6 passim, Apr 70 (Fre)
- [Hereditary deficiency in factor XIII activity-synthesis of a non-functional protein] Duckert F.
- Schweiz Med Wschr 100:328, 14 Feb 70 (Ger)
- [2 patients with congenital factor XIII deficiency. Contribution to the problem of factor XIII determination] Egbring R, et al.
- Thromb Diath Haemorrh 23:313-39, 1970 (Ger)

### HISTORY

- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoma and with acute myelomonocytic leukemia. Didisheim P, et al.
- Thromb Diath Haemorrh 36:Suppl 36:215+, 1969

### IMMUNOLOGY

- Acquired coagulation-factor deficiencies. Hocking DR. Med J Aust 1:657-9, 28 Mar 70
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al. New Eng J Med 283:383-90, 20 Aug 70
- The role of endotoxin in disseminated intravascular coagulation. Beller FK.
- Thromb Diath Haemorrh 36:Suppl 36:125+, 1969
- The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al.
- Thromb Diath Haemorrh 36:Suppl 36:151+, 1969
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al.
- Thromb Diath Haemorrh 36:Suppl 36:99+, 1969

### METABOLISM

- [Circulating anticoagulant against the 1st phase of blood coagulation] Donner L, et al.
- Vnitri Lek 15:896-904, Sep 69 (Cze)
- [Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. Bull Soc Chim Biol (Paris) 51:635-48, 18 Sep 69 (Fre)
- [The mechanism of development, diagnosis, prevention and therapy of traumatic fatty embolism] Apanasenko BG. Voennomed Zh 11:33-8, Nov 69 (Rus)

### MORTALITY

- Intravascular coagulation and arterial disease. Kazmier FJ, et al.
- Thromb Diath Haemorrh 36:Suppl 36:295+, 1969

### OCCURRENCE

- Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al.
- Amer J Clin Path 52:547-56, Nov 69
- Vitamin K deficiency in infants beyond the neonatal



period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70

## PATHOLOGY

- The production of schistocytes by fibrin strands (a scanning electron microscope study). Bull BS, et al. Blood 35:104-11, Jan 70
- Progress in disseminated intravascular coagulation. McKay DG. Calif Med 111:186-98 contd, Sep 69
- Progress in disseminated intravascular coagulation. II. McKay DG. Calif Med 111:279-90, Oct 69
- Disseminated intravascular coagulation: new bottles for an old wine. Radnoff OD. Calif Med 111:224-6, Sep 69
- Consumptive coagulopathy. Mittal SK. Indian J Pediat 37:73-6, Feb 70
- Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 24-1970. New Eng J Med 282:1310-7, 4 Jun 70
- Acute haemorrhagic syndrome due to intravascular coagulation. Zosin P, et al. Rom Med Rev 13:16-22, Jul-Sep 69
- Clinicopathologic conference. Texas Med 66:78-85, Jul 70
- Human liver biopsy in *P. falciparum* and *P. vivax* malaria. A light and electron microscopy study. De Brito T, et al. Virchow Arch [Path Anat] 348:220-9, 1969
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. Bibl Haemat 32:281-7, 1969 (Ger)
- [Disseminated intravascular coagulation and perinatal shock] Bleyl U, et al. Verh Deutsch Ges Path 53:495-501, 1969 (Ger)

## PHYSIOPATHOLOGY

- Intravascular coagulation syndrome. Matsucka M. Biorheology 6:248, Jan 70
- Consumption coagulopathies: a review. Ramirez-Ronda CH. Bol Asoc Med P Rico 61:264-71, Jul 69
- Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)
- Focal tissue necrosis. Hardaway RM 3d. Laryngoscope 79:1705-12, Oct 69
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G. Thromb Diath Haemorrh 36:Suppl 36:45-61, 1969
- [Meningococci with necrotic purpura and paralysis of the lower limbs in a 17-month-old infant. Favorable evolution] Messerschmitt J, et al. Sem Hop Paris 46:2348-53, 10 Sep 70 (Fre)
- [Disorders of hemostasis] Lasch HG. Arch Klin Exp Ohr Nas Kehlkopfheilk 194:265-77, 22 Dec 69 (Ger)
- [The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al. Bibl Haemat 32:292-7, 1969 (Ger)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)
- [Trasyloil in hyperfibrinolytic conditions] Ludwig H. Langenbecks Arch Chir 325:358-61, 1969 (Ger)
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. Wien Z Inn Med 51:49-58, 1970 (Ger)
- [Consumption coagulopathy] Kagami Y. Jap J Clin Path 17:831-7, Nov 69 (Jap)
- [Blood coagulation and hemostasis] Matsuoka M. Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Regional and general hemodynamic factors and the etiopathogenesis of toxic syndromes] López-Llera M. Ginec Obstet Mex 27:135-46, Feb 70 (Spa)
- [Shock. Classification. Physiopathology. Pharmacology. Clinical aspects. Treatment] Tapella PA, et al. Prensa Med Argent 57:653-86, 5 Jun 70 (Spa)

## PREVENTION &amp; CONTROL

- Critical decisions in liver trauma. Experience based on 604 cases. Lucas CE, et al. Arch Surg (Chicago) 101:277-83, Aug 70
- Neonatal coagulation defect due to anticonvulsant drug treatment in pregnancy. Mountain KR, et al. Lancet 1:265-8, 7 Feb 70
- [The place of heparin in the treatment of homograft rejection] Balle Y, et al. Marseille Med 107:89-104, 1970 (Fre)

- [Use of Sintrom in vascular surgery] Leshros A. Marseille Med 107:199-200, 1970 (Fre)
- [Trasyloil in hyperfibrinolytic conditions] Ludwig H. Langenbecks Arch Chir 325:358-61, 1969 (Ger)
- [Prevention of postpartum coagulation disorders and hemorrhages] Cappello F. Arch Ostet Ginec 74:301-10, Jul-Aug 69 (Ita)
- [Intra- and postoperative management of consumption coagulopathy] Ninomiya, et al. Jap J Clin Path 17:838-42, Nov 69 (Jap)
- [Management of hemorrhage in the 3d stage of labor for the practitioner] Umashima T. Sanfujin Jissai 18:977-82, Oct 69 (Jap)

## SURGERY

- [Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al. Ann Med Intern (Paris) 120:827-33, Dec 69 (Fre)

## THERAPY

- Disseminated intravascular coagulation. Simone JV. Advances Intern Med 15:339-55, 1969 (60 ref.)
- The recovery and intensive care unit, a clinical laboratory. Schweizer O. Anesthesiology 32:246-54, Mar 70
- The P.P.S.B. fraction. Josso F, et al. Bibl Haemat 34:18-22, 1970
- Scope and limitations of therapy with plasma substitutes: differential indication for substitutes, blood preparations and electrolyte solutions. Reissigl H. Bibl Haemat 33:32-54, 1969 (76 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. Calif Med 111:186-98 contd, Sep 69
- Hemofil and other factor VIII concentrates. Med Lett Drugs Ther 11:96, 14 Nov 69
- Hyperproteinemic proteinuria induced by plasma infusion. McLaine PN, et al. Pediat Res 3:597-603, Nov 69
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al. Thromb Diath Haemorrh 36:Suppl 36:215+, 1969
- Disseminated intravascular coagulation in shock. Hardaway RM ed. Thromb Diath Haemorrh 36:Suppl 36:159+, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG. Thromb Diath Haemorrh 36:Suppl 36:281+, 1969
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenalectomy. Pudlak P, et al. Thromb Diath Haemorrh 23:593-600, 30 Jun 70
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69
- A simple procedure for accurate quantitation of factor VIII inhibitors. Tse D, et al. Thromb Diath Haemorrh 23:19-25, 28 Feb 70
- [Disorders of hemostasis] Lasch HG. Arch Klin Exp Ohr Nas Kehlkopfheilk 194:265-77, 22 Dec 69 (Ger)
- [The management of blood clotting disorders from the viewpoint of oral surgery] Rothe G. Deutsch Stomat 19:529-38, Jul 69 (Ger)
- [Experiences in the use of Cohn's fraction I] Beeser H, et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E. Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)
- [Indications and contraindications for blood transfusions in internal medicine] Buchhorn E, et al. Internist (Berlin) 10:60-5, Feb 69 (Ger)
- [Nil nocere: The blockade of the stellate ganglion and its dangers] Paulsen K, et al. Munchen Med Wschr 112:817-23, 1 May 70 (Ger)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Hemophilia and other hemophilia-like diseases] Matsuoka S. Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)
- [Intra- and postoperative management of consumption



# SUBJECT SECTION

## BLOOD

- coagulopathy] Ninomiya, et al.  
 Jap J Clin Path 17:938-42, Nov 69 (Jap)  
 [Management of hemorrhage in the 3d stage of labor for the practitioner] Umashima T.  
 Sanfujin Jissai 18:977-82, Oct 69 (Jap)  
 [Premature placental separation: coagulation disorders and therapeutic treatment] Neme B.  
 Matern Infanc (S Paulo) 28:243-54, Oct-Dec 69 (Por)  
 [Effect of intensive plasmapheresis on the "syndrome of increased viscosity" and blood coagulation system in Waldenström's macroglobulinemia] Mokeeva RA, et al.  
 Probi Gemat 14:8-18, Mar 69 (Rus)  
 [A new method of treating thrombophlebitis of the extremities] Murav'ev MF.  
 Vop Kurort Fizioter 34:229-33, May-Jun 69 (Rus)  
 [Problems of resuscitation in obstetrics] Baksheev NS, et al.  
 Vop Okhr Materin Dets 14:54-60, Mar 69 (Rus)  
 [Hemorrhagic syndrome conditioned by inborn deficiency of coagulation factor XIII and report of the 2d case found in Yugoslavia] Stanulović D, et al.  
 Med Pregl 22:243-7, 1969 (Ser)  
 [Blood coagulation therapy in liver cirrhosis] Garcia-Conde Bru FJ, et al.  
 Rev Esp Enferm Apar Dig 28:695-702, May 69 (Spa)

### VETERINARY

- Electron microscopy of bleeder swine platelets. Kahn RA, et al.  
 Amer J Vet Res 31:679-84, Apr 70  
 Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al.  
 Texas Rep Biol Med 27:955-61, Winter 69

### BLOOD COAGULATION FACTORS

- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al.  
 Acta Chir Scand 135:569-73, 1969  
 Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al.  
 Acta Haemat (Basel) 43:65-72, 1970  
 Intravascular coagulation in generalized herpes simplex infection of the newborn. Shershow LW, et al.  
 Acta Paediat Scand 58:535-9, Sep 69  
 Spontaneous and experimental thrombosis in the mouse placenta. Moe N.  
 Acta Path Microbiol Scand 77:853-75, 1969  
 Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
 Advances Immun 10:145-227, 1969 (743 ref.)  
 The management of bleeding in hemophilia. Abildgaard CF.  
 Advances Pediat 16:365-90, 1969 (57 ref.)  
 Estrogens and puerperal thromboembolism. Daniel DG.  
 Amer Heart J 78:720-2, Nov 69  
 Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al.  
 Amer J Dis Child 119:365-9, Apr 70  
 Afibrinogenemia in man following the bite of a rattlesnake (Crotalus adamanteus). Weiss HJ, et al.  
 Amer J Med 47:625-34, Oct 69  
 The management of pulmonary embolic disease. Thomas DP.  
 Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
 Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al.  
 Amer J Path 57:127-52, Oct 69  
 Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al.  
 Amer J Path 60:19-42, Jul 70  
 Leukocytic mechanisms in inflammation. Hersh EM, et al.  
 Ann Rev Med 21:105-32, 1970 (320 ref.)  
 Coagulation defects and bleeding in open-heart surgery. Signori EE, et al.  
 Ann Thorac Surg 8:521-9, Dec 69  
 Usefulness of ascorbate dilution curves in heart disease. Bopp P, et al.  
 Arch Inst Cardiol Mex 39:792-8, Nov-Dec 69  
 Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al.  
 Arch Int Pharmacodyn 181:153-69, Sep 69  
 Coagulation changes following hepatic circulatory arrest in dogs. Brockis JG, et al.  
 Aust New Zeal J Surg 39:71-5, Aug 69  
 Hemostasis and gelatin infusion. Ludwig H, et al.  
 Bibi Haemat 33:492-3, 1969  
 Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeiffer GW, et al.  
 Bibi Haemat 33:481-91, 1969  
 Hemostatic defects in dysproteinemias. Perkins HA, et al.  
 Blood 35:695-707, May 70  
 The original haemorrhagic fever: yellow fever. Dennis LH, et al.  
 Brit J Haemat 17:455-62, Nov 69  
 Progress in disseminated intravascular coagulation. II. McKay DG.  
 Calif Med 111:279-90, Oct 69  
 Platelet function: a review. I. Normal function. Berger S.  
 Canad Med Ass J 102:1271-4, 6 Jun 70  
 Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy. Boyles PW.  
 Clin Pharmacol Ther 11:251-9, Mar-Apr 70  
 Thalidomide in the treatment of erythema nodosum leprosum. With a note on selected laboratory abnormalities in erythema nodosum leprosum. Hastings RC, et al.  
 Clin Pharmacol Ther 11:481-7, Jul-Aug 70  
 Intravascular coagulation in acute hepatic failure. Rake MO, et al.  
 Clin Sci 38:15P, Mar 70  
 Disseminated intravascular coagulation. Bachmann F.  
 DM 3-44, Dec 69 (76 ref.)  
 Genetic control of the response to coumarin anticoagulants in the rat. Pyörälä K.  
 Humangenetik 9:265-7, 1970  
 Immune reactions to Nippostrongylus brasiliensis in the rat. I. Characteristics of primary and secondary immune response in vivo. Keller R.  
 Int Arch Allerg 37:197-215, 1970  
 Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al.  
 J Clin Invest 48:1786-801, Oct 69  
 Role of surface charge of the blood vessel wall, blood cells, and prosthetic materials in intravascular thrombosis. Srinivasan S, et al.  
 J Colloid Interface Sci 32:456-63, Mar 70  
 Surgery in the hemophilic. Bove LG.  
 J Maine Med Ass 60:202-4, Sep 69  
 Blood values in stump-tailed macaques (Macaca arctoides) under laboratory conditions. Oser F, et al.  
 Lab Anim Care 20:462-6, Jun 70  
 Plasma clotting of adult female rhesus monkeys (Macaca mulatta). Rao GN, et al.  
 Lab Anim Care 20:88-92, Feb 70  
 Coumarin drug interactions. Kazmier FJ, et al.  
 Mayo Clin Proc 45:249-55, Apr 70  
 Konyne. Med Lett Drugs Ther 11:80, 19 Sep 69  
 Isolation, biochemical and pharmacologic characterization of a prothrombin-activating principle from Echis carinatus venom. Kornalik F, et al.  
 Naunyn-Schmiedeberg Arch Pharm 264:259-60, 1969  
 Terminology of intravascular coagulation. Colman RW, et al.  
 New Eng J Med 282:99, 8 Jan 70  
 Clotting factors. Ratnoff OD.  
 New Eng J Med 282:282, 29 Jan 70  
 Tumor cells and megakaryocytes in the blood: their detection and importance. Karpas CM, et al.  
 Progr Clin Cancer 4:62-83, 1970 (184 ref.)  
 Effect of phentolamine, an alpha receptor blocking agent, on epinephrine, ADP and collagen induced factor 4 release and platelet aggregation. Kubisz P, et al.  
 Rev Europ Etud Clin Biol 15:429-32, Apr 70  
 Serum electrolytes and clotting factors in rats during blood loss by cardiac puncture: effect of norethynodrel with mestranol on serum magnesium. Goldsmith NF, et al.  
 Rev Suisse Zool 76:849-64, 1969  
 Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Norén I.  
 Scand J Clin Lab Invest 25:47-58, Jan 70  
 Catheter material and blood coagulation studies in vitro. Jacobsson B, et al.  
 Scand J Haemat 6:386-94, 1969  
 Australia antigen: distribution during Cohn ethanol fractionation of human plasma. Schroeder DD, et al.  
 Science 168:1462-4, 19 Jun 70  
 Prevention of fatal pulmonary embolism. Atik M, et al.  
 Surg Gynec Obstet 130:403-13, Mar 70  
 Oral contraceptives: their side effects and ophthalmological manifestations. Chizek DJ, et al.  
 Survey Ophthal 14:90-105, Sep 69 (107 ref.)  
 Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al.  
 Texas Rep Biol Med 27:955-61, Winter 69  
 The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bañkowski E, et al.  
 Thromb Diath Haemorrh 22:372-6, 15 Nov 69  
 The role of endotoxin in disseminated intravascular



- coagulation. Beller FK.  
 Thromb Diath Haemorrh 36:Suppl 36:125+, 1969  
 The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al.  
 Thromb Diath Haemorrh 22:223-33, 15 Nov 69  
 Disseminated intravascular coagulation in shock. Hardaway RM ed.  
 Thromb Diath Haemorrh 36:Suppl 36:159+, 1969  
 Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.  
 Thromb Diath Haemorrh 22:417-30, 31 Dec 69  
 Tissue damage in disseminated intravascular coagulation—mechanisms of localization of thrombi in the microcirculation. McKay DG.  
 Thromb Diath Haemorrh 36:Suppl 36:67-81, 1969  
 Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G.  
 Thromb Diath Haemorrh 36:Suppl 36:45-61, 1969  
 Failure to detect evidence for intravascular coagulation during acute renal allograft rejection. Shehadeh IH, et al. Transplantation 9:74-6, Jan 70  
 Staphylocoagulase as a hemostatic agent. Mojovic B, et al. Yale J Biol Med 42:11-20, Aug 69  
 [Blood coagulation factors in preserved blood and plasma. 2] Vlčková M.  
 Vnitřní Lek 16:73-81, Jan 70 (Cze)  
 [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
 Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
 [Blood and fractionation of blood] Soeterboek AM. Pharm Weekbl 104:1578-601, 12 Dec 69 (23 ref.) (Dut)  
 [Operative surgery in patients with hemophilia] Fock G, et al. Duodecim 85:890-3, 1969 (Fin)  
 [Surgery under heparin. 3. Incomplete progressive neutralization of heparin at the end of extracorporeal circulation] Baille Y, et al.  
 Aggressologie 11:87-93, 1970 (Fre)  
 [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al.  
 Anesth Analg (Paris) 26:609-18, Jul-Aug 69 (Fre)  
 [Anesthesia in surgery of otospongiosis] Causse J, et al. Ann Otolaryng (Paris) 87:231-40, Apr-May 70 (Fre)  
 [Cellular metabolic study of a human liver with fulminating hepatitis and a baboon liver transplanted heterotopically on the femoral blood vessels of the patient] Wegmann R, et al.  
 C R Acad Sci [D] (Paris) 269:2113-6, 24 Nov 69 (Fre)  
 [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Morlaix M. Path Europ 4:Suppl 1:9-286, 1969 (Fre)  
 [Comparative in vitro effects of industrial macromolecules on blood coagulation factors] Milgne J, et al.  
 Rev Franc Transfus 12:Suppl:427-38, 1969 (Fre)  
 [Blood coagulation factors and articular inflammation] Guérin B, et al. Rev Rhum 37:335-46, Apr 70 (Fre)  
 [Blood transfusion; principle transfusion products used and their indications] Soins 15:27-8, Jan 70 (Fre)  
 [Lipids and coagulation factors in the portal and subhepatic veins of cirrhotics] Dufault C, et al. Un Med Canada 99:442-8, Mar 70 (Fre)  
 [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.  
 Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)  
 [Antifibrinolytic agents and their therapeutic use] Fischer M.  
 Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)  
 [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al.  
 Folia Haemat (Leipzig) 92:529-32, 1969 (Ger)  
 [Clinical studies in therapy using coagulation-active plasma concentrates] Perllick E.  
 Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)  
 [The pyrogenesis of hemostasis] Rex JO, et al.  
 Folia Haemat (Leipzig) 93:294-9, 1970 (Ger)  
 [Control of anticoagulant therapy] Lechler E. Internist (Berlin) 10:Suppl:35-6, Aug 69 (Ger)  
 [Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al.  
 Langenbecks Arch Chir 326:106-36, 1970 (Ger)  
 [Technic of blood coagulation diagnosis in the clinical laboratory] Simon KH.  
 Med Mschr 23:563-5, Dec 69 (Ger)  
 [The antagonism of cobalamin monocarbonic acid against various analogues of cobalamin. 3. The inhibition index of cobalamin monocarbonic acid in reference to cobinamide and Factor III] Simon A. Zbl Bakt [Naturwiss] 123:593-9, 1969 (Ger)  
 [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. Zbl Gynaek 91:504-9, 19 Apr 69 (Ger)  
 [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeifer GW, et al. Zbl Gynaek 91:1292-5, 4 Oct 69 (Ger)  
 [The blood coagulation and fibrinolytic enzyme system during and after extracorporeal circulation] Goldschmidt B, et al.  
 Orv Hetil 111:1027-30, 3 May 70 (Hun)  
 [Pharmacological aspects of fibrinolysis] Prino G, et al. Boll Chimicofarm 108:727-60 passim, Dec 69 (613 ref.) (Ita)  
 [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
 [Hemorrhagic disease of the newborn. New pathogenetic trends] Grasso E, et al. Minerva Pediat 20:1139-69, 2 Jun 68 (Ita)  
 [Etiological mechanism of consumption coagulopathy] Maekawa T, et al.  
 Jap J Clin Path 17:821-5, Nov 69 (Jap)  
 [Kinins—an example of tissue hormones] Jeske W. Pol Tyg Lek 24:1624-7, 20 Oct 69 (17 ref.) (Pol)  
 [Role of erythrocytes in blood coagulation] Gaertner H. Przegl Lek 25:649-52, 1969 (Pol)  
 [Treatment of fractures in patients with hemophilia] Smilowicz M. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)  
 [Delivery of the placenta and mechanism of hemostasis in the uterus in the 3d stage of labor] Petrov-Maslakov MA, et al. Akush Ginek (Moskva) 46:44-8, Apr 70 (Rus)  
 [The significance of thromboelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.  
 Khirurgia (Moskva) 45:60-5, Jun 69 (Rus)  
 [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. Pat Fiziol Eksp Ter 13:81-7, Jul-Aug 69 (155 ref.) (Rus)  
 [Changes in coagulation components of preserved blood at various time periods of preservation] Bezbod'ko BN, et al.  
 Probl Gemat 15:15-8, Mar 70 (Rus)  
 [Role of leukocytes in the process of blood coagulation in chronic lymphadenosis] Kuznik BI, et al.  
 Probl Gemat 14:3-7, Mar 69 (Rus)  
 [Changes of some coagulation factors in preserved blood] Riabiy PA. Probl Gemat 14:45-8, Mar 69 (Rus)  
 [Coagulographic characteristic of various hemotransfusion media] Sharova IuA.  
 Probl Gemat 14:37-41, Aug 69 (Rus)  
 [Effect of Lagochilus preparations on blood coagulation in patients with hemophilia] Budyka LP. Ter Arkh 42:86-9, Jan 70 (Rus)  
 [A study of the mucopolysaccharide-thrombogenic mechanism predisposing to myocardial infarct] Ol'shevski V, et al. Ter Arkh 41:71-7, Jul 69 (Rus)  
 [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al. Prensa Med Argent 57:21-9, 6 Mar 70 (Spa)  
 [Coagulation and hemostasis] Santos F. Rev Brasil Anest 19:153-63, Apr-Jun 69 (Spa)  
 [Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al.  
 Rev Clin Esp 113:481-90, 30 Jun 69 (87 ref.) (Spa)

## ADMINISTRATION &amp; DOSAGE

- The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
 Med J Aust 2:1001-5, 15 Nov 69  
 Konyne. Med Lett Drugs Ther 11:80, 19 Sep 69

## ANALYSIS

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T.  
 Acta Chir Scand 135:653-62, 1969  
 Coagulation and fibrinolysis in chronic panniculitis. Isacson S, et al.  
 Acta Dermatovenere (Stockholm) 50:213-7, 1970  
 Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. Acta Obstet Gynec Scand 48:371-91, 1969  
 Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. Acta Obstet Gynec Scand 48:392-404, 1969



- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC.
- Acta Obstet Gynec Scand 48:405-15, 1969
- Influence of pre-eclampsia upon coagulation and fibrinolysis in women and their newborn infants immediately after delivery. Nielsen NC.
- Acta Obstet Gynec Scand 48:523-41, 1969
- Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. Nielsen NC.
- Acta Obstet Gynec Scand 48:505-22, 1969
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ.
- Acta Paediatr Scand 59:551-7, Sep 70
- Labile factor depression in scorbutic guinea pigs. Garvey MB, et al. Amer J Clin Nutr 22:1423-5, Nov 69
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.
- Amer J Clin Path 53:348-54, Mar 70
- Sepsis in leukemia and the Schwartzman reaction. Komp DM, et al. Amer J Dis Child 119:114-6, Feb 70
- Thromboplastin and plasminogen activator in tissues of the rabbit. Glas P, et al.
- Amer J Physiol 219:1140-6, Oct 70
- Preoperative screening for potential T&A bleeding. Thomas GK, et al.
- Arch Otolaryng (Chicago) 91:453-6, May 70
- Plasma activity of antithrombin globulin (AHG) and other coagulation factors in Swiss type of agammaglobulinemia. Maurer HM, et al.
- Blood 34:701-5, Nov 69
- Fibrinolytic activity and the skin. Kurban AK.
- Brit J Derm 82:76-7, Jan 70 (20 ref.)
- The relation of 'Fletcher Factor' to factors XI and XII. Hathaway WE, et al. Brit J Haemat 18:161-9, Feb 70
- Fletcher factor deficiency: a report of three unrelated cases. Hattersley PG, et al.
- Brit J Haemat 18:411-6, Apr 70
- Coagulation factor analysis in patients on long-term anticoagulation. Perkins HA, et al.
- Calif Med 112:1-7, Mar 70
- Coagulation factor XII deficiency in the porpoise, Tursiops truncatus. Lewis JH, et al.
- Comp Biochem Physiol 31:667-70, 15 Nov 69
- Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.). Gilliam M, et al.
- Experientia 26:908-9, 15 Aug 70
- Hemostatic mechanism in uremia. Singh G, et al.
- Indian J Med Sci 23:387-94, Jul 69
- Von Willebrand factor and platelet adhesiveness. Meyer D, et al. J Clin Path 23:228-31, Apr 70
- Coagulation studies in the hemolytic-uremic syndrome. Avalos JS, et al. J Pediatr 76:538-48, Apr 70
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al.
- J Trauma 9:939-65, Nov 69
- Long-term hepatic support by intermittent multi-species liver perfusions. Abouna GM, et al.
- Lancet 2:391-6, 22 Aug 70
- Consumption of coagulation material by heparin. Godal HC. Lancet 2:50, 4 Jul 70
- Epsilon-aminocaproic acid in preoperative correction of haemostatic defect in cyanotic congenital heart-disease. Gralnick HR. Lancet 1:1204-5, 6 Jun 70
- Control of anticoagulant treatment. Quick AJ. Lancet 2:1255, 6 Dec 69
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. Lancet 1:533-7, 14 Mar 70
- The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al. Life Sci 8:925-32, 15 Sep 69
- Evaluation of the hemostatic mechanism. Bowie EJ, et al. Med Clin N Amer 54:889-902, Jul 70
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. New Eng J Med 283:778-82, 8 Oct 70
- The clinical challenge of disseminated intravascular coagulation. Deykin D.
- New Eng J Med 283:636-44, 17 Sep 70
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al. New Eng J Med 283:383-90, 20 Aug 70
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.
- New Eng J Med 283:663-8, 24 Sep 70
- Cystic fibrosis presenting with severe hemorrhage due to vitamin K malabsorption: a report of three cases. Torstenson OL, et al. Pediatrics 45:857-61, May 70
- Coagulation disturbances in shock. Lasch HG.
- Postgrad Med J 45:539-42, Aug 69
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. Scand J Haemat 6:377-85, 1969
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al.
- Scand J Haemat 6:250-61, 1969
- Hepatic influence on splenic synthesis and release of coagulation activities. Dodds WJ.
- Science 166:882-3, 14 Nov 69
- Intravascular coagulation--reality or myth? Attar S, et al. Surgery 68:27-33, Jul 70
- Inactivation of human serum plasminogen activator by synthetic fibrinolysis inducers. Aoki N, et al.
- Thromb Diath Haemorrh 22:251-62, 15 Nov 69
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.
- Thromb Diath Haemorrh 22:417-30, 31 Dec 69
- Virus infection and blood coagulation. Linder M, et al.
- Thromb Diath Haemorrh 23:1-11, 28 Feb 70
- Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. Thromb Diath Haemorrh 23:423-31, 30 Jun 70
- Methods for differential diagnosis of consumption coagulopathy. Maki M, et al.
- Tohoku J Exp Med 99:347-60, Dec 69
- [Blood coagulation factors in preserved blood and plasma. 1] Vičková M. (Cze)
- Vnitřní Lek 15:1094-100, Nov 69
- [Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al.
- Nouv Rev Franc Hemat 9:611-26, Sep-Oct 69 (Fre)
- [Statement on the thromboembolic risk while taking oral contraceptives] Rozenbaum H.
- Therapeutique 46:439-41, Apr 70 (Fre)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al.
- Acta Haemat (Basel) 42:303-20, 1969 (Ger)
- [The therapy of intravascular blood coagulation disorders in pediatrics] Brüster H.
- Bibl Haemat 32:305-11, 1969 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al.
- Chirurg 40:76-80, Feb 69 (Ger)
- [Animal experimental studies on the hemostatic effect of isopropyl adrenochrome monosemicarbazone-Novochrome] Bach G, et al.
- Deutsch Gesundh 24:359-63, 11 Mar 69 (Ger)
- [Changes in the blood and plasma volume in premature infants after administration of plasma and plasma concentrates] Rogner G, et al.
- Folia Haemat (Leipzig) 92:215-26, 1969 (Ger)
- [Further experimental studies on preparations following a modified method of factor VIII (AHG) isolation by freeze precipitation. II] Wegner H, et al.
- Folia Haemat (Leipzig) 93:320-6, 1970 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. Geburtsh Frauenheilk 30:337-47, Apr 70 (Ger)
- [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al.
- Klin Wschr 47:391-3, 1 Apr 69 (Ger)
- [Modification of certain parameters of blood coagulation by peritoneal dialysis] Ströder J, et al.
- Mtschr Kinderheilk 117:357-60, Apr 69 (Ger)
- [Normotest-Owren, a new screening test for the exogenic blood coagulation system] Pilgerstorfer HW, et al. Wien Klin Wschr 82:237-40, 27 Mar 70 (Ger)
- [Studies on the coagulation and fibrinolytic activity of the human aorta. II. Coagulation and fibrinolytic activity in the aorta] Oishi M.
- J Jap Soc Intern Med 58:1363-75, 10 Dec 69 (Jap)
- [Clinical studies on the changes in clotting factor before and after extracorporeal circulation] Orumuka Y. J Kumamoto Med Soc 44:497-511, 25 Jun 70 (Jap)
- [Biochemistry of the lymph] Kotani M.
- Jap J Clin Med 28:13-22, Jan 70 (130 ref.) (Jap)
- [Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al.
- Jap J Clin Path 16:Suppl 16:75-84, 1969 (Jap)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M.
- Jap J Clin Path 16:Suppl 16:85-92, 1969 (Jap)
- [Blood coagulation and hemostasis] Matsuoaka M.
- Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)



- [Thrombosis and fibrinolysis] Tanaka K.  
Jap J Clin Path 16:Suppl 16:10+, 1969 (34 ref.) (Jap)
- [Platelet function tests] Terada H, et al.  
Jap J Clin Path 16:Suppl 16:48-58, 1969 (Jap)
- [Laboratory diagnosis of consumption coagulopathy with a special reference to immunological analysis of fibrinopeptides] Ukita M, et al.  
Jap J Clin Path 17:826-30, Nov 69 (Jap)
- [Blood coagulation tests for plasma factors. Tatsumi factor] Umegaki K.  
Jap J Clin Path 16:Suppl 16:105+, 1969 (Jap)
- [Effect of splenectomy on surgical blood incompetency] Sunada T, et al.  
Surg Ther (Osaka) 21:261-70, Sep 69 (Jap)
- [Behavior of certain parameters of blood coagulation in cholesterol- and caffeine-fed rabbits] Korolko A, et al.  
Pol Tyg Lek 25:473-5, 6 Apr 70 (Pol)
- [Blood clotting in an infant with factor X deficiency] Kotschy M, et al. Pol Tyg Lek 25:895-6, 15 Jun 70 (Pol)
- [Personal studies of blood coagulation system in patients with arteriosclerosis] Zola-Słęczek E.  
Pol Tyg Lek 25:288-91, 23 Feb 70 (Pol)
- [Study of the fibrinolytic properties of human serous membranes by the fibrinolysis microautography method] Nikitin IuP, et al.  
Dokl Akad Nauk SSSR 191:1397-9, 21 Apr 70 (Rus)
- [Blood coagulation in experimental reimplantation and homotransplantation of the lung] Gerasimenko NI, et al. Eksp Khir Anest 14:11-6, Sep-Oct 69 (Rus)
- [Experimental study of anticoagulants of the monocoumarin series] Lakin KM.  
Kardiologia 9:80-7, Jul 69 (Rus)
- [Blood coagulation and anticoagulation system in gastrointestinal hemorrhage] Muslenko VI.  
Khirurgia (Moskva) 45:131-3, Jul 69 (Rus)
- [Blood coagulation changes in acetic acid poisoning] Fin'ko LN. Klin Med (Moskva) 47:84-7, Jul 69 (Rus)
- [Relationship between the sympathico-adrenal and blood coagulation systems in burns] Glants RM, et al. Klin Med (Moskva) 47:79-84, Jul 69 (Rus)
- [Prethrombotic states in patients with hypertension and arteriosclerosis] Mizlin II.  
Klin Med (Moskva) 47:48-52, Jul 69 (Rus)
- [Coagulographic indices in aged persons systematically engaged in physical training] Nesterenko NI.  
Klin Med (Moskva) 47:115-8, Oct 69 (Rus)
- [Effect of heparin on blood lipolytic and coagulation activity in patients with hypertensive disease] Oleinik NI. Klin Med (Moskva) 47:75-9, Jul 69 (Rus)
- [Some indices of blood coagulation and anticoagulation system in certain forms of coronary insufficiency] Protasova NS. Klin Med (Moskva) 47:54-7, Jul 69 (Rus)
- [Anabolic steroid preparations and blood coagulation system in patients with Cushing's disease] Vasiukova EA, et al. Klin Med (Moskva) 47:90-2, Jul 69 (Rus)
- [Some data on the significance of ultrastructure of various organs in the mechanism of blood coagulation] Seifulla RD, et al. Probl Gemat 14:46-54, May 69 (Rus)
- [Blood coagulation changes under the effect of blood transfusions in patients with infiltrative pulmonary tuberculosis] Sukhov VM.  
Probl Tuberk 47:43-6, 1969 (Rus)
- [Functional state of anticoagulation system in experimental radiation injury in rats] Kudriashov BA, et al. Radiobiologia 9:536-9, Jul-Aug 69 (Rus)
- [Diagnostic significance of the blood coagulation factor 3 in hemorrhagic diathesis] Chistiakova VG.  
Sovet Med 32:135-7, Nov 69 (Rus)
- [Blood coagulation in vascular diseases of the extremities] Khrushcheva EA, et al.  
Sovet Med 32:93-5, 1969 (Rus)
- [Blood coagulation in renovascular hypertension] Khundadze SSh, et al.  
Sovet Med 32:129-32, Oct 69 (Rus)
- [Blood coagulation and anticoagulation system before and following mitral commissurotomy in children] Malinovskii NN, et al.  
Sovet Med 32:106-10, Aug 69 (Rus)
- [Blood coagulation in Cushing's and Addison's disease] Pisarskaia IV, et al. Sovet Med 32:118-21, Aug 69 (Rus)
- [Intraperitoneal administration of fibrinolysin and blood coagulation] Zhenchevskii RA.  
Sovet Med 32:32-6, Dec 69 (Rus)
- [Blood coagulation activity in patients with circulatory insufficiency and myocardial infarct] Chernysheva GV. Ter Arkh 42:72-5, Feb 70 (Rus)
- [The blood coagulation system and cortisol metabolism in Itsenko-Cushing disease] Vasiukova EA, et al. Ter Arkh 41:85-8, Jul 69 (Rus)
- [Changes in the coagulating and anticoagulating systems of the blood in uterine cervix cancer patients following administration of massive doses of thio-TEPA] Kuliev ShB, et al.  
Vop Onkol 15:49-54, 1969 (Rus)
- [The effect of Blosed on the level of certain blood coagulation factors] Vyshevskii ASH, et al.  
Vrach Delo 9:132, Sep 69 (Rus)
- [Changes in the system of blood coagulation under the influence of a series of therapeutic measures] Sarkisian TG. Zh Eksp Klin Med 9:69-73, 1969 (Rus)
- [Prothrombin complex in liver diseases] Radujkov Z, et al. Med Pregl 22:389-93, 1969 (Cro)

## ANTAGONISTS &amp; INHIBITORS

- The effect of chromium on platelet function in vitro. Kattlove HE, et al. Blood 35:659-68, May 70
- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
Circulation 42:1-21, Jul 70 (139 ref.)

## BIOSYNTHESIS

- Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al. Biochemistry (Wash) 9:1854-61, 14 Apr 70
- Pharmacologic induction of serum hemopexin by 3-methylcolanthrene and allylisopropylacetamide. Ross JD, et al. J Lab Clin Med 75:694-702, Apr 70
- Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)
- Response of human beings to vitamin K 1.  
Natr Rev 27:287-9, Oct 69 (10 ref.)
- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al.  
Proc Soc Exp Biol Med 132:509-13, Nov 69
- Consumption coagulopathy in liver cirrhosis. Höder MH. Thromb Diath Haemorrh 36:Suppl 36:313-8, 1969
- Production site of bleeding factor. (Acquired morbus von Willebrand). Veitkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. Wien Z Inn Med 51:49-58, 1970 (Ger)
- [Enzymes of plasma and blood serum] Szczeklik A. Pol Tyg Lek 25:1142-5, 27 Jul 70 (12 ref.) (Pol)
- [Experimental study of anticoagulants of the monocoumarin series] Lakin KM.  
Kardiologia 9:80-7, Jul 69 (Rus)
- [Some data on the significance of ultrastructure of various organs in the mechanism of blood coagulation] Seifulla RD, et al. Probl Gemat 14:46-54, May 69 (Rus)

## HISTORY

- [The history of blood transfusion] Brown D.  
T Ziekenverpl 22:1141-4, 1 Dec 69 (Dut)

## ISOLATION &amp; PURIFICATION

- The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al.  
Biochim Biophys Acta 200:475-85, 31 Mar 70
- The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
Med J Aust 2:1001-5, 15 Nov 69
- Isolation, biochemical and pharmacologic characterization of a prothrombin-activating principle from Echis carinatus venom. Kornalik F, et al. Naunyn Schmiedeberg Arch Pharm 264:259-60, 1969
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.  
Thromb Diath Haemorrh 22:417-30, 31 Dec 69
- [Plasmapheresis as a method of production of blood fractions] Lautner A.  
Bibl Haemat 32:212-6, 1969 (Ger)
- [Plasmapheresis for the isolation of coagulating plasma fractions] Matthes M.  
Folia Haemat (Leipzig) 93:327-33, 1970 (Ger)
- [A human plasma fraction (PPSB) enriched with the coagulation factors II, VII, IX and X] Richter K. Folia Haemat (Leipzig) 93:340-3, 1970 (Ger)
- [Isolation of the PPSB fraction in a blood bank] Stein P, et al. Folia Haemat (Leipzig) 93:334-9, 1970 (Ger)



# SUBJECT SECTION

# BLOOD

## METABOLISM

- Activation of coagulase clotting by trypsin inhibitor. Orth DS, et al. *Appl Microbiol* 18:906-10, Nov 69
- Enzymology and blood coagulation. Esnouf MP. *Biochem J* 115:1P-2P, Nov 69
- Increased plasma fibrinogen and the release of a fibrinogen enhancing factor in tumour-bearing rats. Hilgard P, et al. *Experientia* 26:182-3, 1970
- Enhancement of anti-tumour effect by cooling. Austin JP, et al. *Int J Biometeor* 13:183-7, Oct 69
- Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. *Obstet Gynec* 35:690-4, May 70
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al. *Scand J Urol Nephrol* 3:23-9, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG. *Thromb Diath Haemorrh* 36:Suppl 36:281+, 1969
- The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T. *Thromb Diath Haemorrh* 22:360-71, 15 Nov 69
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [The significance of the blood coagulation factor for the determination of the albumin synthesizing capability of the liver in parenchymal injury and for the operative risk in patients with liver cirrhosis] Esser G, et al. *Acta Hepatosplen (Stuttgart)* 17:159-65, May-Jun 70 (Ger)
- [Fetal endocarditis and consumption coagulopathy in a new-born child] Künzer W, et al. *Deutsch Med Wschr* 95:1107-15, 15 May 70 (Ger)
- [Thrombopathy in May-Hegglin anomaly] Beck EA, et al. *Schweiz Med Wschr* 100:330-3, 14 Feb 70 (Ger)
- [Determination of dynamics of blood coagulation factors using radiolabels] Maekawa T, et al. *Jap J Clin Path* 16:Suppl 16:125+, 1969 (Jap)
- [Influence of tension gradient on electrolytic dissociation of blood coagulating factors] Markosian AA, et al. *Fiziol Zh SSSR Sechenov* 55:816-22, Jul 69 (Rus)

## PHARMACODYNAMICS

- Aprocoagulant from human postpartum serum. Effects of coagulation and hemodynamics in dogs. Nordström S, et al. *Acta Physiol Scand* 76:399-405, Aug 69
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70
- Production of the Sanarelli-Shwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F. *Thromb Diath Haemorrh* 36:Suppl 36:63-5, 1969
- Enhancement of pulmonary metastases following the intravenous infusion of a suspension of ellagic acid. Agostino D. *Tumori* 56:29-37, Jan-Feb 70
- [Hyperlipemia and platelet aggregation] Ukita M, et al. *Jap J Clin Path* 18:271-4, Apr 70 (Jap)

## PHYSIOLOGY

- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Influence of betamethasone on Hageman factor activation of human plasma kallikrein. Henningsen SJ, et al. *Scand J Clin Lab Invest Suppl* 107:135+, 1969
- Influence of betamethasone on Hageman factor activation of human plasma kallikrein. Henningsen SJ, et al. *Scand J Clin Lab Invest* 24:Suppl 107:135+, 1969
- [Relationship between platelet factor 3 and adenosine diphosphate and the product from contact activation of the blood coagulation system] Kommerell B, et al. *Blut* 20:31-6, Jan 70 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. *Chirurg* 40:76-80, Feb 69 (Ger)
- [New date of biochemical experiments on prothrombin activation] Groben HD. *Hippokrat* 41:264-5, Jun 70 (Ger)

## RADIATION EFFECTS

- [Thrombelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protaminsulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al. *Agressologie* 10:65-71, Jan-Feb 69 (Ger)
- [Indices of hemostasis in radiotherapy of cancer of the lung] Strashinin AI, et al. *Med Radiol (Moskva)* 15:6-8, Mar 70 (Rus)

## SECRETION

- Effect of RA233 on platelet function in vitro. Hassanein AA, et al. *Brit Med J* 2:83-6, 11 Apr 70
- The blood platelet release reaction. Holmsen H, et al. *Scand J Haemat* 3:26, 1969
- [Does heparin exert any influence on the secretion of tissue blood coagulating factors from vascular walls?] Mishchenko VP. *Pat Fiziol Eksp Ter* 14:45-9, Jan-Feb 70 (Rus)

## STANDARDS

- [In-vivo control of blood coagulation fractions] Richter K, et al. *Folia Haemat (Leipzig)* 93:344-8, 1970 (Ger)

## THERAPEUTIC USE

- Therapeutic defibrination with arvin. Pitney WR, et al. *Amer Heart J* 80:144-6, Jul 70
- The use of blood fractions in coagulation disorders. Biggs R. *Brit J Haemat* 17:604, Dec 69
- The preparation and properties of a prothrombin complex (PPSB). Schiff P. *Med J Aust* 2:1001-5, 15 Nov 69
- Treatment of hemarthrosis in hemophilia. Britten AF. *New Eng J Med* 283:375, 13 Aug 70
- Management of hemarthrosis. Green D, et al. *New Eng J Med* 282:1212, 21 May 70
- Management of hemarthrosis. Kisker CT, et al. *New Eng J Med* 282:1212-3, 21 May 70
- [Current therapy of hemophilia] Myllylä G. *Duodecim* 85:850-3, 1969 (Fin)
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Long-term treatment of hemophilia A with plasma fractions] Mey U, et al. *Folia Haemat (Leipzig)* 93:357-62, 1970 (Ger)
- [Blood coagulation in liver cirrhosis] Flischer M. *Wien Z Inn Med* 51:109-10, 1970 (Ger)

## TOXICITY

- Isolation, biochemical and pharmacologic characterization of a prothrombin-activating principle from Echis carinatus venom. Kornalik F, et al. *Naunyn Schmiedeberg Arch Pharm* 264:259-60, 1969

## URINE

- Urinary procoagulant excretion and its relation to kidney function. Matsumura T, et al. *Nephron* 7:165-77, 1970

## BLOOD COAGULATION TESTS

- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al. *Acta Chir Scand* 135:569-73, 1969
- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T. *Acta Chir Scand* 135:653-62, 1969
- Coagulation and fibrinolysis in chronic panniculitis. Isacson S, et al. *Acta Dermatovenere (Stockholm)* 50:213-7, 1970
- Congenital deficiency of fibrinogen in two sisters. A clinical and haematological study. Dube B, et al. *Acta Haemat (Basel)* 43:120-7, 1970
- Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al. *Acta Haemat (Basel)* 43:65-72, 1970
- Coagulation studies of the vascular intima. I. Antiheparin activity. Oe K. *Acta Haemat Jap* 32:287-96, Apr 69
- Coagulation studies of the vascular intima. II.



- Antithrombin activity. Oe K.  
Acta Haemat Jap 32:297-310, Apr 69
- Thromboelastographic studies in polycythaemia vera.  
Nagy G, et al. Acta Med Acad Sci Hung 26:271-4, 1969
- The blood coagulation system in tetanus patients.  
Okulski J. Acta Med Pol 10:291-307, 1969
- The control of plasminogen and plasmin during thrombolytic therapy. Blix S.  
Acta Med Scand 186:479-82, Nov 69
- A comparative study concerning the stability of the anticoagulant effect of acenocoumarol and phenprocoumon. Breed WP, et al.  
Acta Med Scand 186:283-8, Oct 69
- Von Willebrand's disease in an Icelandic family.  
Jensson O, et al. Acta Med Scand 187:229-34, 3 Mar 70
- Single-blind randomised multicentre trial comparing heparin and streptokinase treatment in recent myocardial infarction. Amery A, et al.  
Acta Med Scand [Suppl] 505:Suppl 505:1+, 1969
- Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. Nielsen NC.  
Acta Obstet Gynec Scand 48:505-22, 1969
- Solitary mastocytoma. Holmberg L.  
Acta Paediat Scand 59:558-64, Sep 70
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ.  
Acta Paediat Scand 59:551-7, Sep 70
- The bleeding disorder in hepatomegalic forms of glycogen storage disease. Nilsson IM, et al.  
Acta Paediat Scand 59:127-33, Mar 70
- Intravascular coagulation in generalized herpes simplex infection of the newborn. Shershow LW, et al.  
Acta Paediat Scand 58:535-9, Sep 69
- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)
- A rapid bedside method for the control of heparin therapy. Blakely JA. Amer Heart J 78:838-9, Dec 69
- Electrocardiographic and hematological changes by exercise test in coronary patients and pyridinolcarbamate pretreatment. A double-blind crossover trial. Yamazaki H, et al.  
Amer Heart J 79:640-7, May 70
- Labile factor depression in scorbutic guinea pigs. Garvey MB, et al. Amer J Clin Nutr 22:1423-5, Nov 69
- Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al.  
Amer J Clin Path 52:547-56, Nov 69
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.  
Amer J Clin Path 53:348-54, Mar 70
- Sepsis in leukemia and the Schwartzman reaction. Komp DM, et al. Amer J Dis Child 119:114-6, Feb 70
- Inheritance of deficiency of fibrin-stabilizing factor (factor 13). Lorand L, et al.  
Amer J Hum Genet 22:89-95, Jan 70
- Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. Cohen I, et al.  
Amer J Med 48:766-76, Jun 70
- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. Amer J Med 48:408-11, Mar 70
- Local fibrinolytic activity in the pregnant uterus. Basu HK, et al. Amer J Obstet Gynec 107:1188-94, 15 Aug 70
- Effects of different systemic contraceptives on blood fibrinolysis. Brakman P, et al.  
Amer J Obstet Gynec 106:187-92, 15 Jan 70
- Selected procoagulants in the guinea pig. Hurt JP, et al.  
Amer J Physiol 218:832-7, Mar 70
- Bodily defenses against thrombosis. Takats G de, et al.  
Amer J Surg 120:73-81, Jul 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.  
Amer J Surg 119:225-32, Mar 70
- Blood fibrinolytic activity in skin diseases. Menon IS, et al. Angiologica (Basel) 7:39-43, 1970
- Fibrinolytic activity of shunt arterial blood in patients on regular dialysis treatment. Rastogi SP, et al. Angiologica (Basel) 7:20-4, 1970
- An in vitro study of the relationship of blood pH to blood clotting time. Chaitin H, et al.  
Angiology 21:591-4, Oct 70
- Studies on fibrinolytic activity in normal persons and patients with atherosclerotic vascular disease after physical activity and injections of nicotinic acid. Laursen B, et al. Angiology 21:486-92, Jul 70
- Consumption coagulopathy in miliary tuberculosis. Goldfine ID, et al. Ann Intern Med 71:775-7, Oct 69
- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.  
Ann Intern Med 73:373-8, Sep 70
- Stapedectomy in a patient with von Willebrand's disease. Toremalm NG, et al. Ann Otol 79:331-7, Apr 70
- Dynamic blood coagulation, thrombus formation and degradation in patients with peripheral vascular disease (arteriosclerosis, including diabetic): an in vitro study. Ditenfass L, et al.  
Ann Surg 170:984-95, Dec 69
- Experimental venous thrombectomy. McLachlin AD, et al. Ann Surg 171:956-60, Jun 70
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.  
Ann Surg 172:98-108, Jul 70
- Synthesis and destruction of prothrombin in the rat. Bell RG, et al. Arch Biochem 135:152-9, Dec 69
- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. Arch Biochem 134:1-7, Oct 69
- Anticoagulant activity of pectic acid derivatives. Whistler RL, et al. Arch Biochem 138:39-43, May 70
- Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Fuller AM, et al.  
Arch Otolaryng (Chicago) 91:296-8, Mar 70
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. Arch Surg (Chicago) 101:82-8, Jul 70
- Coagulation changes following hepatic circulatory arrest in dogs. Brockis JG, et al.  
Aust New Zeal J Surg 39:71-5, Aug 69
- Orthopaedic surgery in bleeders. Ahlberg A.  
Bibl Haemat 34:170-6, 1970
- The effect of plasma substitutes on coagulation. Eichler J, et al. Bibl Haemat 33:452-6, 1969
- The effect of different plasma volume expanders (rheomacrodex and haemacel) on the fibrinolytic system and some platelet functions. Fischer M.  
Bibl Haemat 33:457-65, 1969
- Treatment of massive hemorrhage in the dog with fluid gelatin. Habif DV, et al. Bibl Haemat 33:248-53, 1969
- Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE.  
Bibl Haemat 34:97-103, 1970
- The effect of gelatin plasma substitutes on the hemostatic mechanism. Heene DL, et al.  
Bibl Haemat 33:428-33, 1969
- Clinical experiences with hemodilution during extracorporeal circulation. Leutschaff R.  
Bibl Haemat 33:569-80, 1969
- Comparative studies on the influence of plasma substitutes on coagulation in vivo. Müller KH.  
Bibl Haemat 33:434-51, 1969
- Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al.  
Bibl Haemat 34:111-24, 1970
- Experimental transplantation of the spleen for classical hemophilia A. Rationales and long-term results. Norman JC, et al. Bibl Haemat 34:187-99, 1970
- Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeifer GW, et al. Bibl Haemat 33:481-91, 1969
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemacel and Rheomacrodex. Trede M. Bibl Haemat 33:553-68, 1969
- The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al.  
Biochim Biophys Acta 200:475-85, 31 Mar 70
- Determination of blood coagulation using impedance measurements. Ur A. Biomed Engin 5:342-5, Jul 70
- The use of heparin in autoimmune hemolytic disease. Bardana EJ Jr, et al. Blood 35:377-85, Mar 70
- Variant of factor IX deficiency in female with 45, X Turner's syndrome. Bithell TC, et al.  
Blood 36:169-79, Aug 70
- A macroglobulin with inhibitory activity against coagulation factor VIII. Castaldi PA, et al.  
Blood 35:370-6, Mar 70
- Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. Blood 35:189-94, Feb 70
- Evaluation of a standard dosage schedule with streptokinase. Hirsh J, et al. Blood 35:341-9, Mar 70
- Plasma activity of antihemophilic globulin (AHG) and other coagulation factors in Swiss type of



- agammaglobulinemia. Maurer HM, et al. *Blood* 34:701-5, Nov 69
- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- Aspirin ingestion compared with bleeding disorders—search for a useful platelet antiaggregant. Weiss HJ. *Blood* 35:333-40, Mar 70
- Congenital factor XIII deficiency. Report of 2 cases. Fradera J, et al. *Bol Asoc Med P Rico* 61:294-9, Aug 69
- Consumption coagulopathies: a review. Ramírez-Ronda CH.
- Bol Asoc Med P Rico* 61:264-71, Jul 69
- Glanzmann's thrombasthenia. (Report of 3 cases). Vélez-García E, et al.
- Bol Asoc Med P Rico* 62:86-91, Mar 70
- The assay of human factor VII by means of modified factor VII deficient dog plasma. Garner R, et al. *Brit J Haemat* 18:57-66, Jan 70
- A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al. *Brit J Haemat* 19:179-92, Aug 70
- The relation of 'Fletcher Factor' to factors XI and XII. Hathaway WE, et al. *Brit J Haemat* 18:161-9, Feb 70
- A new heparin assay. Ingram GI, et al. *Brit J Haemat* 17:612, Dec 69
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. *Brit J Haemat* 19:159-78, Aug 70
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al. *Brit J Haemat* 18:625-36, Jun 70
- Heparin therapy and its laboratory control. Pitney WR. *Brit J Haemat* 18:499-502, May 70 (18 ref.)
- Coagulation factor IX in normal and haemophilia B plasma. Somer JB, et al.
- Brit J Haemat* 18:147-59, Feb 70
- The effect of aflatoxin on blood clotting in the rat. Bababunmi EA, et al.
- Brit J Pharmacol* 37:497-500, Oct 69
- Massive subaponeurotic haemorrhage in infants born by vacuum extraction. Ahuja GL, et al.
- Brit Med J* 3:743-5, 27 Sep 69
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al.
- Brit Med J* 2:200-3, 25 Apr 70
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al.
- Brit Med J* 1:564-7, 6 Jun 70
- Disseminated intravascular coagulation with fatal haemorrhage in cerebral malaria. Borochovit D, et al.
- Brit Med J* 2:710, 20 Jun 70
- Renal homotransplant rejection associated with microangiopathic haemolytic anaemia. Hutton MM, et al. *Brit Med J* 3:87-8, 11 Jul 70
- Platelet aggregation during oral contraception. Poller L, et al. *Brit Med J* 4:273-4, 1 Nov 69
- Glomerulonephritis: pediatric aspects. McCrory WW. *Bull NY Acad Med* 46:789-96, Oct 70
- Coagulation factor analysis in patients on long-term anticoagulation. Perkins HA, et al.
- Calif Med* 112:1-7, Mar 70
- Intestinal absorption of heparin. Koh TY. *Canad J Biochem* 47:951-4, Oct 69
- Heparin treatment in abruptio placentae. Coopland AT, et al. *Canad Med Ass J* 103:377-9, 15 Aug 70
- Role of acid secretion in aspirin-induced gastric mucosal injury. Jabbari M, et al.
- Canad Med Ass J* 102:178-81, 31 Jan 70
- Coagulation disorders in cancer. 3. Fibrinolysis and inhibitors. Soong BC, et al. *Cancer* 25:867-74, Apr 70
- Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy. Boyles PW. *Clin Pharmacol Ther* 11:251-9, Mar-Apr 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.
- Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)
- Coagulation factor XII deficiency in the porpoise, *Tursiops truncatus*. Lewis JH, et al.
- Comp Biochem Physiol* 31:667-70, 15 Nov 69
- Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Kuznik BI, et al.
- Cor Vasa* 11:146-53, 1969
- Early diagnosis of fatal hepatitis. Colombi A. *Digestion* 3:129-45, 1970
- Disseminated intravascular coagulation. Bachmann F. *DM* 3:44, Dec 69 (76 ref.)
- Carbon monoxide-aggravated atherosclerosis in the squirrel monkey. Webster WS, et al.
- Exp Molec Path* 13:36-50, Aug 70
- Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.). Gilliam M, et al.
- Experientia* 26:908-9, 15 Aug 70
- Influence of prostaglandins E1 and E2 on coagulation of rat blood. Kloeze J. *Experientia* 26:307-8, 15 Mar 70
- Fibrinolytic system, fibrinogen degradation products and soluble fibrin monomer complexes of renal venous and aortal blood. Nowak A, et al.
- Experientia* 25:996-7, 15 Sep 69
- Average variation of the blood components of four fish. Srivastava AK. *Folia Haemat (Leipzig)* 93:69-73, 1970
- Haematological observations on the squirrel monkey. Capel-Edwards K, et al.
- Folia Primat (Basel)* 12:142-60, 1970
- Standard values in the beagle dog: haematology and clinical chemistry. Brunk RR.
- Food Cosmet Toxic* 7:141-8, Mar 69
- Stroke: U.S. and Japan. Summary and conclusions. Baker AB, et al. *Geriatrics* 24:124-32, Nov 69
- Vitamin K deficiency in the elderly. Hazell K, et al. *Geront Clin (Basel)* 12:10-7, 1970
- Fibrinolysis in colonic disease. Swan CH, et al.
- Gut* 11:588-91, Jul 70
- Congenital hypoprothrombinemia. A case report. Girolami A, et al. *Haemat Lat* 12:77-89, Jan-Mar 69
- Effect of oral contraceptives on the blood coagulation in experimental animals. Mishra KC, et al.
- Indian J Med Res* 57:1734-7, Sep 69
- Congenital afibrinogenemia. Report of a case. Agarwal D, et al. *Indian J Pediatr* 37:66-8, Feb 70
- Anticoagulant activity of Heraclestin. Mishra KC, et al. *Indian J Physiol Pharmacol* 13:153-5, Jul 69
- Occult haemorrhagic diathesis in children with congenital heart disease. Hooja V, et al.
- Indian Pediatr* 6:691-6, Nov 69
- Importance of plasma fibrinolytic activity in leprosy patients. Meyers WM.
- Int J Leprosy* 37:343-50, Oct-Dec 69
- Cancer and thrombohemorrhagic disease. Roscher AA. *Int Surg* 52:326-8, Oct 69
- Hereditary deficiency of blood clotting factor VII and Dubin-Johnson syndrome in an Israeli family. Seligsohn U, et al. *Israel J Med Sci* 5:1060-5, Sep-Oct 69
- Excision of a pseudocyst of the hand in a hemophilic (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.
- J Amer Med Wom Ass* 51:1423-7, Oct 69
- Hematologic findings in certain small cetaceans. Ridgway SH, et al.
- J Amer Vet Med Ass* 157:566-75, 1 Sep 70
- Lipids and fibrinolytic activity in normal fasting human plasma. Rao AR, et al.
- J Ass Physicians India* 17:25-7, Jan 69
- Excision of a pseudocyst of the hand in a hemophilic (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.
- J Bone Joint Surg [Amer]* 51:1423-7, Oct 69
- Non-traumatic necrosis of the femoral head. I. Relation of altered hemostasis to etiology. Boettcher WG, et al.
- J Bone Joint Surg [Amer]* 52:312-21, Mar 70
- Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al.
- J Clin Invest* 49:1578-88, Aug 70
- Teaching medicine to dental students: role of the clinical laboratory. Myall RW, et al.
- J Dent Educ* 34:220-2, Sep 70
- Depletion of plasma complement in vivo by a protein of cobra venom: its effect on various immunologic reactions. Cochrane CG, et al.
- J Immun* 105:55-69, Jul 70
- The effect of fumaropimaric acid on delayed hypersensitivity and cutaneous Forssman reactions in the guinea pig. Feinman L, et al.
- J Immun* 104:1401-5, Jun 70
- Serum fibrinolytic activity and recalcified plasma clotting time in ischaemic heart disease. Arora A, et al. *J Indian Med Ass* 53:477-82, 16 Nov 69
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. *J Lab Clin Med* 75:93-108, Jan 70
- Reactions of activated factor X-phosphatide mixtures in vitro and in vivo. Barton PG, et al.
- J Lipid Res* 11:87-95, Mar 70
- "Hot spots" in lung scans. Preston DF, et al.
- J Nucl Med* 11:422-5, Jul 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae.



- Bonnar J, et al.  
J Obstet Gynaec Brit Comm 76:799-805, Sep 69
- Coagulation studies in the hemolytic-uremic syndrome.  
Avalos JS, et al. J Pediat 76:538-48, Apr 70
- Hemostasis in cyanotic congenital heart disease. Ekert H, et al. J Pediat 76:221-30, Feb 70
- Polycythemia in cyanotic heart disease—a study of altered coagulation. Komp DM, et al.  
J Pediat 76:231-6, Feb 70
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al.  
J Pediat 76:409-15, Mar 70
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70
- Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs. Safar J, et al. J Surg Res 9:649-56, Nov 69
- Streptokinase in acute pulmonary embolism. Gurewich V, et al. J Thorac Cardiovasc Surg 59:655-61, May 70
- Open-heart surgery in a patient with von Willebrand's disease. Komp DM, et al.  
J Thorac Cardiovasc Surg 59:225-30, Feb 70
- Metabolic comparison of a new pulsatile pump and a roller pump for cardiopulmonary bypass. Trinkle JK, et al. J Thorac Cardiovasc Surg 58:562-9, Oct 69
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al.  
J Trauma 9:939-65, Nov 69
- Kinetics of the anticoagulant effect of heparin. Estes JW. JAMA 212:1492-5, 1 Jun 70
- Waterhouse-Friderichsen syndrome induced by pneumococcal shock. Grant MD, et al.  
JAMA 212:1373-4, 25 May 70
- Plasma clotting of adult female rhesus monkeys (Macaca mulatta). Rao GN, et al.  
Lab Anim Care 20:88-92, Feb 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al.  
Lab Invest 23:179-83, Aug 70
- Estimation of euglobulin lysis time using a time-saving recorder. Menon IS, et al.  
Lab Pract 18:1186-7 passim, Nov 69
- Long-term hepatic support by intermittent multi-species liver perfusions. Abouna GM, et al.  
Lancet 2:391-6, 22 Aug 70
- Platelet-function tests. Cate JW ten, et al.  
Lancet 2:1309-10, 13 Dec 69
- Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al.  
Lancet 2:665, 26 Sep 70
- Breast-feeding and anticoagulant therapy. Eckstein HB, et al. Lancet 1:672-3, 28 Mar 70
- Consumption of coagulation material by heparin. Godal HC. Lancet 2:50, 4 Jul 70
- Epsilon-aminocaproic acid in preoperative correction of haemostatic defect in cyanotic congenital heart-disease. Gralnack HR. Lancet 1:1204-5, 6 Jun 70
- Abnormal forms of Factor X. Hardisty RM.  
Lancet 1:41, 3 Jan 70
- Oral contraceptives and low antithrombin-3 activity. Kaulla E von, et al. Lancet 1:36, 3 Jan 70
- Carbenicillin in renal failure. Lurie A, et al.  
Lancet 2:422-3, 22 Aug 70
- Carbenicillin-induced coagulopathy. Lurie A, et al.  
Lancet 1:1114-5, 23 May 70
- Aspirin and blood fibrinolysis. Menon IS.  
Lancet 1:364, 14 Feb 70
- Neonatal coagulation defect due to anticonvulsant drug treatment in pregnancy. Mountain KR, et al.  
Lancet 1:265-8, 7 Feb 70
- Detection of thrombosis with iodine-125 fibrinogen. Data reassessed. O'Brien JR. Lancet 2:396-9, 22 Aug 70
- Glanzmann's disease and trait. Papayannis AG, et al.  
Lancet 2:44, 4 Jul 70
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. Lancet 1:533-7, 14 Mar 70
- Prevention of venous thrombosis. Sharnoff JG.  
Lancet 1:617, 21 Mar 70
- Long-term anticoagulants. Ur A. Lancet 1:413, 21 Feb 70
- Resistance to testosterone as a stimulator of blood fibrinolytic activity in patients with cancer of the breast. Winther O. Lancet 1:625, 21 Mar 70
- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. Mayo Clin Proc 44:784-92, Nov 69
- Evaluation of the hemostatic mechanism. Bowie EJ, et al. Med Clin N Amer 54:889-902, Jul 70
- The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1309-20, Nov 69
- The diagnosis and treatment of disseminated intravascular coagulation. Siegel NH, et al. Med Clin N Amer 54:555-65, May 70
- Evaluation of subcutaneous calcium heparin therapy in the treatment of thrombo-embolic disease. Hirsh J, et al. Med J Aust 1:15-7, 3 Jan 70
- Mini-exchange and transfusion therapy for drug-induced thrombocytopenia. Shaw AE.  
Med J Aust 2:529-32, 13 Sep 69
- Pulmonary thromboembolism; prevention of fatal postoperative. Sharnoff JG, et al.  
Med Trial Techn Quart 16:39-44 contd, Mar 70
- Coagulation nondisease. Bark CJ.  
New Eng J Med 282:1214, 21 May 70
- The genetic heterogeneity of hemophilia B. Brown PE, et al. New Eng J Med 283:61-4, 9 Jul 70
- Coagulation and Schwartzman reaction. Colman RW, et al. New Eng J Med 281:1368, 11 Dec 69
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. New Eng J Med 283:778-82, 8 Oct 70
- The clinical challenge of disseminated intravascular coagulation. Deykin D.  
New Eng J Med 283:636-44, 17 Sep 70
- Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)
- Anticoagulant therapy in myocardial infarction. Eastham RD. New Eng J Med 281:1425, 18 Dec 69
- Coagulation and Schwartzman reaction. Hall WD.  
New Eng J Med 281:1367-8, 11 Dec 69
- Bleeding after cardiac catheterization. Hilgartner MW.  
New Eng J Med 281:1247, 27 Nov 69
- Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.  
New Eng J Med 281:1039-42, 6 Nov 69
- Hereditary prothrombin deficiency. Kattlove HE, et al.  
New Eng J Med 282:57-61, 8 Jan 70
- Use of aspirin or acetaminophen in hemophilia. Mielke CH Jr, et al. New Eng J Med 282:1270, 28 May 70
- Ethanol gelation test. Naibandian RM, et al.  
New Eng J Med 281:1428, 18 Dec 69
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70
- Bleeding time after aspirin in intrinsic clotting disorders. Procházka J.  
New Eng J Med 282:753, 26 Mar 70
- Aspirin, platelets and hemostasis. Quick AJ.  
New Eng J Med 283:598, 10 Sep 70
- Ice in treatment of hemophilic bleeding. Quick AJ.  
New Eng J Med 283:597, 10 Sep 70
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al. New Eng J Med 283:383-90, 20 Aug 70
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.  
New Eng J Med 283:663-8, 24 Sep 70
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. New Eng J Med 281:1264-70, 4 Dec 69
- Anticoagulant therapy during pregnancy. A new approach. Olwin JH, et al.  
Obstet Gynec 34:847-52, Dec 69
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
Obstet Gynec 35:69-74, Jan 70
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipiński B, et al.  
Path Microbiol (Basel) 34:295-304, 1969
- Altered platelet function in newborns. Mull MM, et al.  
Pediat Res 4:229-37, May 70
- Acquired factor X deficiency in a Negro boy. Bayer WL, et al. Pediatrics 44:1007-9, Dec 69
- Cystic fibrosis presenting with severe hemorrhage due to vitamin K malabsorption: a report of three cases. Torstenson OL, et al. Pediatrics 45:857-61, May 70
- Disturbances of blood coagulation in acute pancreatitis. Florkiewicz H, et al. Pol Med J 8:1292-6, 1969
- A test for fibrinolytic capacity. De Takats G, et al. Proc Inst Med Chicago 28:125, May 70
- Measurement during fibrinolytic therapy. McNicol GP.  
Proc Roy Soc Med 62:1131-3, Nov 69
- Glanzmann's thrombasthenia and pregnancy. Payne PR. Proc Roy Soc Med 63:56-7, Jan 70
- Long-term inhibition of platelet functions by aspirin. Atac A, et al. Proc Soc Exp Biol Med 133:1331-3, Apr 70
- Platelet-bound and soluble platelet factor 4: effects of



- aggregating agents, of aggregation, and of aspirin. O'Brien JR, et al. *Proc Soc Exp Biol Med* 134:1128-31, Sep 70
- The Limulus coagulation test for endotoxin. A comparison with other assay methods. Rojas-Corona RR, et al. *Proc Soc Exp Biol Med* 132:599-601, Nov 69
- Carrageenan and delayed hypersensitivity. II. Activation of Hageman factor by carrageenan and its possible significance. Schwartz HJ, et al. *Proc Soc Exp Biol Med* 132:1021-4, Dec 69
- Von Willebrand's disease in the Bantu. Gomperts E, et al. *S Afr Med J* 43:1107-9, 6 Sep 69
- Consumptive coagulopathy caused by a boomslang bite. Lakier JB, et al. *S Afr Med J* 43:1052-5, 23 Aug 69
- Experience with Owren's thrombostest in control of anticoagulant therapy. Procházka J. *Sborn Ved Prac Lek Fak Karlov Univ* 12:529-36, 1969
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al. *Scand J Clin Lab Invest* 24:383-5, Dec 69
- Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Norén I. *Scand J Clin Lab Invest* 25:47-58, Jan 70
- Major surgery in a patient with thrombasthenia and rapid removal of normal platelets. Barlive H, et al. *Scand J Haemat* 6:338-42, 1969
- A simple test for detecting disorders of thromboplastin generation. Benedek E, et al. *Scand J Haemat* 7:49-55, 1970
- The activator time. A method for control of activator activity during thrombolytic therapy. Blix S. *Scand J Haemat* 6:221-6, 1969
- Congenital haemorrhagic condition similar but not identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al. *Scand J Haemat* 7:91-9, 1970
- Catheter material and blood coagulation studies in vitro. Jacobsson B, et al. *Scand J Haemat* 6:386-94, 1969
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. *Scand J Haemat* 6:377-85, 1969
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al. *Scand J Haemat* 6:250-61, 1969
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J. *Scand J Haemat* 6:343-7, 1969
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al. *Scand J Urol Nephrol* 3:23-9, 1969
- Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al. *Science* 166:1420-2, 12 Dec 69
- Laboratory approach to hemorrhagic disorders. Ellers RJ. *Southern Med J* 62:1337-9, Nov 69
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al. *Surg Clin N Amer* 49:1161-70, Oct 69
- Prevention of fatal pulmonary embolism. Atik M, et al. *Surg Gynec Obstet* 130:403-13, Mar 70
- Hemostasis, blood coagulation, and isobutyl cyanoacrylate tissue adhesive. Gollub S, et al. *Surg Gynec Obstet* 130:3-10, Jan 70
- Intravascular coagulation—reality or myth? Attar S, et al. *Surgery* 68:27-33, Jul 70
- Temperature stabilization of whole blood coagulation times using a portable incubation block. Miller LA, et al. *Techn Bull Regist Med Techn* 39:242-5, Nov 69
- Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al. *Texas Rep Biol Med* 27:955-61, Winter 69
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- Comparison between the changes in the plasma fibrinogen and plasminogen levels induced by a moderate or high initial dose of streptokinase. Amery A, et al. *Thromb Diath Haemorrh* 23:504-12, 30 Jun 70
- 4-aminomethylbicyclo[2.2.2]octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al. *Thromb Diath Haemorrh* 22:263-72, 15 Nov 69
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- The preparation and evaluation of a standardized fibrin plate for the assessment of fibrinolytic activity. Bishop R, et al. *Thromb Diath Haemorrh* 23:202-10, 1970
- Intravascular coagulation in systemic amyloidosis. Bowie EJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:305+, 1969
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:333+, 1969
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:171-6, 1969
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al. *Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al. *Thromb Diath Haemorrh* 23:58-63, 28 Feb 70
- Factor XII defect and hemorrhage. Evidence for a new type of hereditary hemostatic disorder. Egeberg O. *Thromb Diath Haemorrh* 23:432-40, 30 Jun 70
- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al. *Thromb Diath Haemorrh* 22:408-10, 15 Nov 69
- Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al. *Thromb Diath Haemorrh* 22:273-80, 15 Nov 69
- Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD. *Thromb Diath Haemorrh* 23:486-99, 30 Jun 70
- Cholecystectomy in a patient with Hageman trait. Girolami A, et al. *Thromb Diath Haemorrh* 23:449-54, 30 Jun 70
- Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. Grotto L, et al. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- Disseminated intravascular coagulation in shock. Hardaway RM ed. *Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969
- Consumption coagulopathy in liver cirrhosis. Hördér MH. *Thromb Diath Haemorrh* 36:Suppl 36:313-8, 1969
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al. *Thromb Diath Haemorrh* 22:417-30, 31 Dec 69
- Intravascular coagulation and arterial disease. Kazmier FJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:295+, 1969
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Lipiński B. *Thromb Diath Haemorrh* 22:401-2, 15 Nov 69
- Activation of Hageman factor by alpha-adrenergic stimulation. McKay DG, et al. *Thromb Diath Haemorrh* 23:417-22, 30 Jun 70
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. *Thromb Diath Haemorrh* 23:477-85, 30 Jun 70
- Consumption of Hageman factor activity in the generalized Schwartzman reaction induced by liquid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al. *Thromb Diath Haemorrh* 23:386-404, 1970
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D. *Thromb Diath Haemorrh* 23:206-12, 1970
- Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. *Thromb Diath Haemorrh* 23:423-31, 30 Jun 70
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudlák P, et al. *Thromb Diath Haemorrh* 23:593-600, 30 Jun 70
- Isolation and purification of highly enriched tissue plasminogen activator from pig heart. Rickl EE, et al. *Thromb Diath Haemorrh* 23:64-76, 28 Feb 70
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Salto H, et al. *Thromb Diath Haemorrh* 22:316-25, 15 Nov 69
- The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T. *Thromb Diath Haemorrh* 22:360-71, 15 Nov 69



- The coagulation system during the passage of blood through the body. Simultaneous determinations of thrombocyte count and 9 plasma activities in samples from 5 different blood vessels in the rabbit. Schimpf K, et al. *Thromb Diath Haemorrh* 22:326-35, 15 Nov 69
- Structural changes in prothrombin during activation: a theory. Seegers WH, et al. *Thromb Diath Haemorrh* 23:26-36, 28 Feb 70
- Further studies on thrombin-coagulase. Soulier JP, et al. *Thromb Diath Haemorrh* 23:37-49, 28 Feb 70
- Studies of platelet aggregation, plasma adenosine diphosphate breakdown and blood coagulation in magnesium deficient calves and rats. Stevenson MM, et al. *Thromb Diath Haemorrh* 23:299-305, 1970
- Changes in the ultrastructure and number of platelets induced by an adrenochrome complex. Stewart GJ. *Thromb Diath Haemorrh* 23:237-60, 1970
- A simple procedure for accurate quantitation of factor VIII inhibitors. Tse D, et al. *Thromb Diath Haemorrh* 23:19-25, 28 Feb 70
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- Production site of bleeding factor. (Acquired morbus von Willebrand). Veltkamp JJ, et al. *Thromb Diath Haemorrh* 23:412, 1970
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruek S, et al. *Thromb Diath Haemorrh* 36:Suppl 36:319+, 1969
- Serum transfusion as a hemostatic procedure. Chiba Y. *Tohoku J Exp Med* 98:303-27, Aug 69
- Methods for differential diagnosis of consumption coagulopathy. Maki M, et al. *Tohoku J Exp Med* 99:347-60, Dec 69
- Acquired hemophilia. Shulman NR, et al. *Trans Ass Amer Physicians* 82:388-97, 1969
- Plasma exchange transfusion for hepatic coma. New technic. Graw RG Jr, et al. *Transfusion* 10:26-32, Jan-Feb 70
- Congenital deficiency of factor XIII. Ozsoylu S, et al. *Turk J Pediat* 11:45-50, Apr 69
- Evaluation of stroma free hemoglobin solution: effects on renal function in cynomolgus monkeys. Rep No 838. Birndorf NI, et al. *US Army Med Res Lab* 1-13, 20 Nov 69
- Hereditary disease in British Antarctic sledge dogs. Bellars AR. *Vet Rec* 85:600-7, 29 Nov 69
- Staphylocoagulase as a hemostatic agent. Mojovic B, et al. *Yale J Biol Med* 42:11-20, Aug 69
- Studies on an eperythrozoon associated with bovine thrombocytes. Zwart D, et al. *Zbl Bakt [Orig]* 210:82-105, May 69
- [The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)
- [Changes in blood coagulation following reconstructive operations of obliterated arteries of the lower extremities] Pstružinová H, et al. *Cas Lek Cesk* 108:1409-13, 14 Nov 69 (Cze)
- [The most frequent sites of hemophilic hemorrhages and their frequency] Chrobák L, et al. *Vnitřní Lek* 16:5-10, Jan 70 (Cze)
- [Problems of the so-called screening tests in hemophilia] Procházka J. *Vnitřní Lek* 16:69-72, Jan 70 (Cze)
- [Blood coagulation factors in preserved blood and plasma. 1] Vičková M. *Vnitřní Lek* 15:1094-100, Nov 69 (Cze)
- [The role of the weak factor VIII inhibitors] Mayer G, et al. *Acta Haemat (Basel)* 42:27-41, 1969 (Fre)
- Activating effect of electric charges on tests of overall blood coagulability] Plouvier SR, et al. *Agressologie* 10:309-16, Jul-Aug 69 (Fre)
- [Liberation by hypotonic shock of procoagulant platelet factors. Value of thrombelastography] Plouvier SR, et al. *Agressologie* 10:33-43, Jan-Feb 69 (Fre)
- [Comparative kinetic study of erythrocyte sedimentation, blood clot retraction and thrombelastograms] Plouvier SR, et al. *Agressologie* 10:371-82, Sep-Oct 69 (Fre)
- [Sodium chloride test in a plastic tube] Coupier J. *Ann Biol Clin (Paris)* 27:167-76, Mar-Apr 69 (Fre)
- [Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al. *Ann Med Intern (Paris)* 120:827-33, Dec 69 (Fre)
- [Benign familial recurring hematuria] Combourieu M, et al. *Ann Pediat (Paris)* 17:227-31, 2 Mar 70 (Fre)
- [Attempted demonstration of a circulating anticoagulant in subjects treated with 5-phenyl-propyl-4-hydroxycoumarin] Bourgain RH, et al. *Arch Int Pharmacodyn* 179:483-5, Jun 69 (Fre)
- [Post-operative hemorrhage caused by local fibrinolysis] Flament J. *Arch Ophtal (Paris)* 29:785-94, Nov 69 (Fre)
- [The weak inhibitors of factor VIII in patients with hemophilia A] Mayer G, et al. *Blut* 19:517-28, 1969 (Fre)
- [Examination of a patient with constitutional disorders of hemostasis] Alagille MD. *Bordeaux Med* 3:1055-6 passim, Apr 70 (Fre)
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [Effects of metalocenes of the metabolism of some drugs in the rat] Buu-Hoi NP, et al. *C R Acad Sci [D] (Paris)* 270:217-9, 5 Jan 70 (Fre)
- [Reflections on anticoagulant treatment experience in medico-surgical resuscitation] Picard P, et al. *Cah Anesth* 17:417-28, May-Jun 69 (Fre)
- [Postoperative hemorrhage in cardiac surgery with extracorporeal circulation] Cachera JP, et al. *J Chir (Paris)* 99:97-107, Feb 70 (Fre)
- [Liver injuries] Fékété F, et al. *J Chir (Paris)* 98:55-74, Jul-Aug 69 (Fre)
- [Blood coagulation in experimental shock] Mazak J, et al. *J Chir (Paris)* 98:247-53, Sep 69 (Fre)
- [Evaluation of lytic potential in the control of pre- and post-operative coagulation] Courbier R, et al. *Marseille Med* 107:137-9, 1970 (Fre)
- [Prolongation of bleeding time and collagen anomalies] Caen J, et al. *Nouv Rev Franc Hemat* 10:426-30, May-Jun 70 (Fre)
- [Acquired blood platelet disorders] Caen JP, et al. *Nouv Rev Franc Hemat* 9:553-69, Jul-Aug 69 (Fre)
- [Thrombopathy in the course of benzene-induced leukemia] Inceman S, et al. *Nouv Rev Franc Hemat* 9:573-4, Jul-Aug 69 (Fre)
- [2 cases of congenital hypoconvertinemia] Mandelli F, et al. *Nouv Rev Franc Hemat* 9:485-94, Jul-Aug 69 (Fre)
- [Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al. *Nouv Rev Franc Hemat* 9:575-7, Jul-Aug 69 (Fre)
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al. *Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al. *Path Biol (Paris)* 18:687-94, Jun-Jul 70 (Fre)
- [Determination of fibrinogen by the "fibrin-polymerization-time" test using Becton-Dickinson fibrometer] Donati MB, et al. *Path Biol (Paris)* 18:697-8, Jun-Jul 70 (Fre)
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. *Path Europ* 4:Suppl 1:9-286, 1969 (Fre)
- [Functional platelet insufficiency in infants and children. 7 cases] Pouillaude JM, et al. *Pediatric* 24:973-82, Dec 69 (Fre)
- [Chronic widespread intravascular coagulation syndrome and cyanotic congenital cardiopathy. The place of heparin during preoperative period] Baillie Y, et al. *Presse Med* 78:1571-4, 29 Aug 70 (Fre)
- [Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al. *Rev Europ Etud Clin Biol* 15:333-42, Mar 70 (Fre)
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al. *Rev Franc Transfus* 12:439-50, Dec 69 (Fre)
- [Biphasic antibody with anti-Tja specificity and of IgG type] Saint Paul B, et al. *Rev Franc Transfus* 12:Suppl:135-8, 1969 (Fre)
- [Surveillance of coagulation in prevention and medical treatment of pulmonary embolism] Cornu P. *Rev Tuberc (Paris)* 33:659-66, Jul-Aug 69 (Fre)
- [Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al. *Acta Chir Acad Sci Hung* 10:359-66, 1969 (Ger)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al. *Acta Haemat (Basel)* 42:303-20, 1969 (Ger)



# SUBJECT SECTION

# BLOOD

- [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Giarola PA, et al. *Arzneimittelforschung* 20:234-6, Feb 70 (Ger)
- [Side effect after administration of a heparin-heparinoid mixture in man] Hörder MH, et al. *Arzneimittelforschung* 19:1876-8, Nov 69 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Effect of chelate-forming potassium-magnesium-d,l-asparaginates on thrombocyte function and blood coagulation] Ruhstrat K, et al. *Arzneimittelforschung* 19:1566-71, Sep 69 (Ger)
- [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. *Bibl Haemat* 32:298-304, 1969 (Ger)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. *Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Relationship between platelet factor 3 and adenosine diphosphate and the product from contact activation of the blood coagulation system] Kommerell B, et al. *Blut* 20:31-6, Jan 70 (Ger)
- [Blood coagulation disorders due to fractures] Schulz W, et al. *Bruns Beitr Klin Chir* 218:136-44, Apr 70 (Ger)
- [The fibrinolytic system in allergic skin diseases] Haustein UF. *Derm Mschr* 155:776-82, 1969 (Ger)
- [Animal experimental studies on the hemostatic effect of isopropyl adrenochrome monosemicarbazone-Novochrome] Bach G, et al. *Deutsch Gesundh* 24:359-63, 11 Mar 69 (Ger)
- [Changes in blood coagulation in the course of experimental renal hypertension in dogs] Gnüchtel U, et al. *Deutsch Gesundh* 24:913-8, 15 May 69 (Ger)
- [Antifibrinolytic and coagulation inhibiting effect of Contrykal] Schulz K, et al. *Deutsch Gesundh* 24:1057-60, 5 Jun 69 (Ger)
- [L-asparaginase in the treatment of solid tumors and leukemia] Helm RR, et al. *Deutsch Med Wschr* 95:989-93, 1 May 70 (Ger)
- [Consumption coagulopathy] Holzknecht F. *Deutsch Med Wschr* 95:1275-7, 5 Jun 70 (Ger)
- [Guidelines and results of consequent fibrinolytic therapy in phlegmasia cerulea dolens] Paquet KJ, et al. *Deutsch Med Wschr* 95:903-4, 17 Apr 70 (Ger)
- [Treatment of hemophilia] Straub PW. *Deutsch Med Wschr* 94:1885-7, 12 Sep 69 (Ger)
- [Fetal(?) endocarditis and consumption coagulopathy in a newborn] Trebbin H, et al. *Deutsch Med Wschr* 95:1418-9, 26 Jun 70 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [Platelet functions following dextran administration] Cronberg S. *Folia Haemat (Leipzig)* 92:491-6, 1969 (Ger)
- [Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al. *Folia Haemat (Leipzig)* 92:470-6, 1969 (Ger)
- [The behavior of various thrombocyte functions in the presence of different plasma substitutes] Fischer M. *Folia Haemat (Leipzig)* 92:485-90, 1969 (Ger)
- [Blood coagulation in psychotic patients under the effect of electroshock] Gaertner H, et al. *Folia Haemat (Leipzig)* 93:443-57, 1970 (Ger)
- [On the treatment of myocardial infarct with special reference to fibrinolytic substances] Heinrich HG. *Folia Haemat (Leipzig)* 92:38-45, 1969 (Ger)
- [The dosage of antihemophilic globulin, or antihemophilic plasma as well as Cohn's fraction I in factor VIII deficiency] Hrubíšková K. *Folia Haemat (Leipzig)* 93:363-8, 1970 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. *Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)
- [Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E. *Folia Haemat (Leipzig)* 92:20-7, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al. *Folia Haemat (Leipzig)* 92:529-32, 1969 (Ger)
- [Long-term treatment of hemophilia A with plasma fractions] Mey U, et al. *Folia Haemat (Leipzig)* 93:357-62, 1970 (Ger)
- [Polycythemia vera] Nagy G. *Folia Haemat (Leipzig)* 93:381-97, 1970 (94 ref.) (Ger)
- [The effect on thrombocyte function of drugs used in polyarthritis] Pazdur J. *Folia Haemat (Leipzig)* 92:477-84, 1969 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [The stimulation of thrombocyte function by a new adrenochrome derivative] Rex JO, et al. *Folia Haemat (Leipzig)* 92:546-9, 1969 (Ger)
- [The pyrogenesis of hemostasis] Rex JO, et al. *Folia Haemat (Leipzig)* 93:294-9, 1970 (Ger)
- [Clinical studies on p-aminomethylbenzoic acid derivatives] Vogel G, et al. *Folia Haemat (Leipzig)* 92:93-8, 1969 (Ger)
- [The effect of various drugs in clinical use on thrombocyte functions] Vogel G, et al. *Folia Haemat (Leipzig)* 92:518-23, 1969 (Ger)
- [Dosage and duration of the streptokinase treatment in myocardial infarct. Preliminary report] Weller P, et al. *Folia Haemat (Leipzig)* 92:33-7, 1969 (Ger)
- [Thrombaggglutination tests in patients with arteriosclerosis and hypertension] Atanassov K. *Folia Med (Plovdiv)* 11:195-9, 1969 (Ger)
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. *Kinderaerztl Prax* 37:361-72, Aug 69 (Ger)
- [Increased blood fibrinolytic activity in hereditary epidermolysis bullosa] Denk R, et al. *Klin Wschr* 47:1232-4, 15 Nov 69 (Ger)
- [Permanent anticoagulant therapy and heparin administration in long-term dialysis] Froese P. *Klin Wschr* 47:1111-2, 15 Oct 69 (Ger)
- [Inhibitor of prothrombin activation] Lechner K, et al. *Klin Wschr* 47:1225-32, 15 Nov 69 (Ger)
- [Pharmacokinetics of I-131 streptokinase in humans] Pfeifer GW, et al. *Klin Wschr* 47:482-6, 1 May 69 (Ger)
- [Benign recurrent intrahepatic cholestasis] Rothauwe HW, et al. *Klin Wschr* 47:140-9, 1 Feb 69 (Ger)
- [Prevention of thrombosis using aspirin? Influence of acetylsalicylic acid on thrombocyte aggregation in vitro and in vivo] Scharrer I, et al. *Klin Wschr* 47:1318-24, 15 Dec 69 (Ger)
- [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al. *Klin Wschr* 47:391-3, 1 Apr 69 (Ger)
- [Isolation and characterization of fetal fibrinogen] Witt I, et al. *Klin Wschr* 47:785-7, 15 Jul 69 (Ger)
- [Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al. *Langenbecks Arch Chir* 326:106-36, 1970 (Ger)
- [Heparin therapy in hemorrhagic traumatic shock] Popov S, et al. *Langenbecks Arch Chir* 325:60-6, 1969 (Ger)
- [Screening tests for blood coagulation disorders] Drescher KH. *Med Lab (Stuttgart)* 22:204-12, Sep 69 (Ger)
- [Technic of blood coagulation diagnosis in the clinical laboratory] Simon KH. *Med Mschr* 23:563-5, Dec 69 (Ger)
- [Anticoagulant therapy. II. (Possibilities and limits)] Fischer M. *Med Welt* 14:620-6, 4 Apr 70 (Ger)
- [Quick test for the determination of the initial dose of streptokinase] Leube G, et al. *Med Welt* 40:2181-3, 4 Oct 69 (Ger)
- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al. *Med Welt* 50:2718-22, 13 Dec 69 (Ger)
- [Therapy and prevention of disseminated intravascular coagulation] Popov S, et al. *Med Welt* 45:2458-71, 8 Nov 69 (Ger)
- [Etiological aspects of thrombocytopathy] Parreira F, et al. *München Med Wschr* 111:2640-6, 19 Dec 69 (Ger)
- [Prolonged massive cerebral hemorrhage in hyperfibrinolytic hypofibrinogenemia] Grote E, et al. *Nervenarzt* 40:385-9, Aug 69 (Ger)
- [The possibility of participation of the Sanarelli-Shwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al. *Radiobiol Radiother (Berlin)* 10:663-71, 1969 (Ger)
- [Thrombopathy in May-Hegglin anomaly] Beck EA, et al. *Schweiz Med Wschr* 100:330-3, 14 Feb 70 (Ger)
- [Blood coagulation studies in cord blood: fetal fibrinogen?] Gmür J, et al. *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)



- [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA. Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)
- [Pathogenesis and treatment of Willebrand's disease] Meili EO, et al. Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)
- [Rimactan (rifampicin) and anticoagulant therapy] Michot F, et al. Schweiz Med Wschr 100:583-4, 28 Mar 70 (Ger)
- [Extracorporeal circulation with Edglucate blood] Neef H. Thoraxchirurgie 18:128-34, Apr 70 (Ger)
- [Isolation and characterization of the fibrin stabilizing factor from human thrombocytes] Bohn H. Thromb Diath Haemorrh 23:455-68, 30 Jun 70 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al. Thromb Diath Haemorrh 23:347-59, 1970 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection techniques] Gmür JP, et al. Thromb Diath Haemorrh 23:82-90, 28 Feb 70 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)
- [The effect on blood coagulation of the trypsin-like protease from *Astacus leptodactylus* (Crustacea)] Zwilling R, et al. Thromb Diath Haemorrh 23:360-8, 1970 (Ger)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. Urol Int 24:385-417, 1969 (122 ref.) (Ger)
- [Normotest-Owren, a new screening test for the exogenic blood coagulation system] Pilgerstorfer HW, et al. Wien Klin Wschr 82:237-40, 27 Mar 70 (Ger)
- [Behavior of thrombocyte aggregation in liver cirrhosis] Tilz GP, et al. Wien Z Inn Med 51:1-6, 1970 (Ger)
- [A case contribution to hemorrhagic mastocytosis] Buchholz W. Z Haut Geschlechtskr 44:113-20, 15 Feb 69 (Ger)
- [Lethal pulmonary embolism in traumatology. 2 years' results with the administration of the anticoagulant Sintrom] Schlag G, et al. Zbl Chir 94:320-38, 1969 (Ger)
- [Hirudin tolerance test following an operative trauma and during the postoperative period] Wozniowski G. Zbl Chir 94:450-3, 5 Apr 69 (Ger)
- [Prophylaxis of postoperative thromboembolism] Döderlein G. Zbl Gynaek 91:54-62, 11 Jan 69 (Ger)
- [Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pregnancy toxemias] Sieg U, et al. Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)
- [Fibrinolytic activity of the blood in atherosclerosis] Katalin Z, et al. Orv Hetil 111:1579-80, 5 Jul 70 (Hun)
- [Diagnosis of hemorrhagic diathesis I] Pálos AL, et al. Orv Hetil 111:5-11, 4 Jan 70 (Hun)
- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)
- [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al. Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)
- [Pharmacological aspects of fibrinolysis] Prino G, et al. Boll Chimicofarm 108:727-60 passim, Dec 69 (613 ref.) (Ita)
- [Behavior of some phases of blood coagulation in hypothermia] Brenda E, et al. Boll Soc Ital Biol Sper 46:282-4, 31 Mar 70 (Ita)
- [On the behavior of tests of hemostasis in arteriosclerotic patients treated with HCG] Cajozzo A, et al. Boll Soc Ital Biol Sper 46:315-7, 31 Mar 70 (Ita)
- [Blood coagulation changes induced with antidiabetic therapy] Carignola W, et al. Clin Ter 51:31-9, Oct 69 (Ita)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [The in vitro heparin tolerance test in hyperthyroidism] Girolami A, et al. Folia Endocr (Roma) 22:166-78, Apr 69 (Ita)
- [Findings and considerations on a case of hypergammaglobulinemic hemorrhagic purpura of uncertain classification] Zanini S, et al. Fracastoro 62:335-44, Jul-Aug 69 (Ita)
- [Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al. G Clin Med 50:684-98, Aug 69 (Ita)
- [Various aspects of blood coagulation in chronic pancreatitis with special reference to the antithrombin test] Facchini G, et al. G Clin Med 50:75-89, Jan 69 (Ita)
- [Factor XIII (fibrin stabilizing factor) in cutaneous epitheliomas] Argenziano G, et al. G Ital Derm 45:69-72, Feb 70 (Ita)
- [Coronary thrombosis and blood coagulability with reference to the suspension of anticoagulant therapy] Vanacore C, et al. Haemat Lat 11:387-417, Oct-Dec 68 (Ita)
- [Blood coagulation in diabetic arteriopathic subjects] Tardito E. Minerva Chir 25:237-40, 28 Feb 70 (Ita)
- [Blood coagulation in arteriopathic subjects] Tardito E. Minerva Chir 25:1-10, 15 Jan 70 (Ita)
- [Control and regulation of fibrinolysis in patients with arteriopathies by the use of an extractive mucopolysaccharide complex] Centonza D, et al. Minerva Med 60:Suppl 99:5023+, 12 Dec 69 (Ita)
- [The basal thrombodensitogram in hepatic cirrhosis] Ferri F. Minerva Med 60:4971-8, 12 Dec 69 (Ita)
- [Thrombodensitographic changes during treatment with a coumarin derivative] Ferri F, et al. Minerva Med 61:309-18, 27 Jan 70 (Ita)
- [A new congenital hemorrhagic coagulation disorder probably due to the presence of an abnormal factor X. Preliminary study] Girolami A, et al. Minerva Med 60:4939-49, 8 Dec 69 (Ita)
- [Comparison of 3 overall coagulation tests in hepatic cirrhosis. Evaluation of their diagnostic usefulness and correlation with the hemorrhagic tendency] Mannucci PM, et al. Minerva Med 60:4950-3, 8 Dec 69 (Ita)
- [Thrombodensitographic changes caused by a fatty meal] Regazzini A, et al. Minerva Med 60:4562-74, 17 Nov 69 (Ita)
- [The contribution of the clinical analysis laboratory to the diagnosis of neoplasms] Segà E. Minerva Med 60:3162-75, 1 Sep 69 (Ita)
- [Hemorrhagic disease of the newborn. New pathogenetic trends] Grasso E, et al. Minerva Pediat 20:1139-69, 2 Jun 68 (Ita)
- [Constitutional hemorrhagic disease caused by deficiency of factor VII (convertin)] Mandelli F, et al. Recent Progr Med (Roma) 47:1-36, Jul 69 (Ita)
- [The partial thromboplastin time (PTT). 3. Contribution to the study of blood coagulation during labor] Cattaneo A, et al. Riv Ostet Ginec 24:120-6, Mar 69 (Ita)
- [Fecal bacterial flora in an infant without *Bacterium bifidum*-presence of *Bacterium bifidus*-inhibiting spherocytes] Homma N, et al. Acta Paediat Jap 73:374-80, 1 Mar 69 (Jap)
- [Clinical observations on hemophilia] Yoshioka K, et al. Iryo 24:95-103, Feb 70 (Jap)
- [Studies on the process of fibrinogen breakdown by plasmin. I. Breakdown process of human fibrinogen by small or large amount of plasmin] Shinada S. J Jap Soc Intern Med 59:512-20, Jun 70 (Jap)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H. Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)
- [Hyperlipemia and blood coagulation] Abe K. Jap J Clin Path 18:256-60, Apr 70 (Jap)
- [Plasma coagulation tests. Phase 3] Abe T. Jap J Clin Path 16:Suppl 16:93+, 1969 (Jap)
- [Screening tests for coagulation disorders] Asai K. Jap J Clin Path 16:Suppl 16:35-47, 1969 (Jap)
- [Screening tests for coagulation disorders] Asai K. Jap J Clin Path 16:Suppl 16:35+, 1969 (Jap)
- [Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al. Jap J Clin Path 16:Suppl 16:75-84, 1969 (Jap)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M. Jap J Clin Path 16:Suppl 16:85-92, 1969 (Jap)
- [Consumption coagulopathy] Kagami Y. Jap J Clin Path 17:831-7, Nov 69 (Jap)
- [Tests for fibrinolysis] Maki M. Jap J Clin Path 16:Suppl 16:114+, 1969 (Jap)
- [Fibrinolysis, determination and interpretation] Maki M. Jap J Clin Path 18:563-8, Aug 70 (Jap)
- [Examination of the plasma clotting activities-determination of contact factors XII, XI] Murakami M, et al. Jap J Clin Path 16:Suppl 16:66-74, 1969 (Jap)
- [Platelet function tests] Terada H, et al. Jap J Clin Path 16:Suppl 16:48-58, 1969 (Jap)
- [Laboratory diagnosis of consumption coagulopathy with a special reference to immunological analysis of



# SUBJECT SECTION

## BLOOD

- fibrinopeptides] Ukita M, et al.  
Jap J Clin Path 17:826-30, Nov 69 (Jap)
- [Blood coagulation tests in the hematological laboratory--equipment and management] Yamanaka M, et al. Jap J Clin Path 16:Suppl 16:19-28, 1969 (Jap)
- [The relationship between exercise and fibrinolytic enzyme system. 3. Changes of urinary sediments in relation to blood clotting system influenced by exercise] Kono N, et al.  
Jap J Urol 61:193-205, Feb 70 (Jap)
- [Preparation of nonthrombogenic plastic materials] Imal Y, et al.  
Rep Inst Med Dent Engin (Tokyo) 3:72-4, 1969 (Jap)
- [Preventive anticoagulant therapy in surgery] Johs S. T Norsk Laegeforen 89:1501-2, 1 Oct 69 (Nor)
- [Disorders of blood coagulation and fibrinolysis following implantation of lateral patches into the femoral artery] Glowinski S, et al.  
Pol Przegl Chir 42:38-47, Jan 70 (Pol)
- [Effect of transcardiac galvanization on blood fibrinolytic activity] Bielawiec M, et al.  
Pol Tyg Lek 25:249-51, 16 Feb 70 (Pol)
- [Blood clotting in an infant with factor X deficiency] Kotschy M, et al. Pol Tyg Lek 25:895-6, 15 Jun 70 (Pol)
- [Behavior of some factors in the blood-clotting system and blood fibrinolytic activity in women with uterine myoma treated with progestin (Polfa)] Rózewicki S, et al. Przegl Lek 26:564-5, 1970 (Pol)
- [Thromboembolic pulmonary complications in the course of acute pancreatitis. (Report of 2 cases)] Gabryelewicz A, et al.  
Wiad Lek 23:455-60, 15 Mar 70 (Pol)
- [Liver function in liver transplantations] Lima-Goncalves E, et al.  
Rev Hosp Clin Fac Med S Paulo 225-38, Jul-Aug 69 (Por)
- [Intravascular coagulation in grave diseases in infants] Chipall A, et al.  
Pediatria (Bucur) 18:517-24, Nov-Dec 69 (Rum)
- [Activity of the fibrin stabilizing factor in the neonatal period] Chipall A, et al.  
Rev Medicochir Iasi 74:29-34, Jan-Mar 70 (Rum)
- [Euglobulin lysis time and thrombocyte adhesiveness in young obese subjects] Popescu TA, et al.  
Stud Cercet Med Intern 10:161-6, 1969 (Rum)
- [Contribution to the diagnostic and prognostic value of tests for blood lipid disorders, coagulation disorders and thrombocyte adhesiveness in cerebral vascular disorders] Popoviciu L, et al.  
Stud Cercet Neurol 14:57-65, 1969 (Rum)
- [Reflex afibrinogenemia] Lomazova KhD.  
Biull Eksp Biol Med 69:18-9, Jan 70 (Rus)
- [Depression of the physiologic anticoagulant system during the prolonged effect of sound] Mikhailova LV, et al. Biull Eksp Biol Med 69:28-32, Feb 70 (Rus)
- [Blood coagulation in experimental reimplantation and homotransplantation of the lung] Gerasimenko NI, et al. Eksp Khir Anest 14:11-6, Sep-Oct 69 (Rus)
- [Changes in the blood coagulant and anticoagulant systems during endotracheal anesthesia] Grigorian NA, et al. Eksp Khir Anest 14:64-7, Nov-Dec 69 (Rus)
- [The value of Bolen's drops in the diagnosis of lung cancer] Sergel' OS, et al.  
Eksp Khir Anest 15:12-5, May-Jun 70 (Rus)
- [Effect of sodium bromide on the activity of hemostatic substances] Iadrova VM, et al.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)
- [Effect of ACTH and corticosteroids on the fibrin stabilizing factor] Seifullia RD.  
Farmakol Toksik 32:464-5, Jul-Aug 69 (Rus)
- [Effect of stimulation of amygdaloid nuclear complex on blood coagulating indices] Vedlaev FP, et al. Fiziol Zh SSSR Sechenov 55:833-6, Jul 69 (Rus)
- [Microcalorimetric studies of the process of blood coagulation] Piruzian LA, et al.  
Izv Akad Nauk SSSR [Biol] 2:299-301, Mar-Apr 70 (Rus)
- [Blood coagulation characteristics and fibrinolytic activity in patients with coronary arteriosclerosis during a course of treatment with vetrazine] Agapova EN, et al. Kardiologiya 8:130-2, Dec 68 (Rus)
- [Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the patient's age, degree and length of illness] Fenluek EV. Kardiologiya 8:70-3, Dec 68 (Rus)
- [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsuk AI. Kardiologiya 9:21-8, Sep 69 (Rus)
- [Experimental study of anticoagulants of the monocooumarin series] Lakin KM.  
Kardiologiya 9:80-7, Jul 69 (Rus)
- [Results of observing patients with auricular fibrillation treated by electric defibrillation] Radushkevich VP. Kardiologiya 9:10-7, Mar 69 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al.  
Kardiologiya 9:106-10, Aug 69 (Rus)
- [Blood coagulation system in patients with obliterating endarteritis of the lower extremities] Kokhan EP, et al. Khirurgiya (Moskva) 46:28-31, Jan 70 (Rus)
- [Blood coagulation and anticoagulation system in gastrointestinal hemorrhage] Musienko VI. Khirurgiya (Moskva) 45:131-3, Jul 69 (Rus)
- [Alterations in blood coagulation system at remote period following gastrectomy for peptic ulcer] Nechiporenko FP.  
Klin Khir (Kiev) 11:25-9, Nov 69 (Rus)
- [The coagulogram and thrombelastogram of patients with acute cholecystitis and their changes after cholecystectomy] Postolov MP, et al.  
Klin Khir (Kiev) 9:50-4, Sep 67 (Rus)
- [Pathogenesis and prevention of hemostasis disorders in diseases of the prostate] Skipetrov VP, et al.  
Klin Khir (Kiev) 5:33-9, May 69 (Rus)
- [Preoperative determination of the possibility of development of thromboembolism in patients] Alferova LN, et al.  
Klin Med (Moskva) 48:139-42, May 70 (Rus)
- [Blood coagulation changes in acetic acid poisoning] Fin'ko LN. Klin Med (Moskva) 47:84-7, Jul 69 (Rus)
- [Some indices of blood coagulation and anticoagulation system in certain forms of coronary insufficiency] Protasova NS. Klin Med (Moskva) 47:54-7, Jul 69 (Rus)
- [Micromethods of determining the concentration of fibrinogen, fibrinolytic activity, heparin and antifibrinolysin in blood] Andreenko GV.  
Lab Delo 8:477-9, 1969 (Rus)
- [Rapid diagnosis of blood coagulation disorders] Fedorova ZD. Lab Delo 8:468-71, 1969 (Rus)
- [Evaluating the level of fibrinolytic activity] Gribauskas PS. Lab Delo 8:485, 1969 (Rus)
- [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
Lab Delo 2:71-7, 1970 (30 ref.) (Rus)
- [A micromethod of studying the blood coagulation system] Ivanov EP, et al. Lab Delo 8:500-3, 1969 (Rus)
- [Preparation of a new reagent from heterogenous blood for control of anticoagulant therapy] Koniukhov SG, et al. Lab Delo 8:490-3, 1969 (Rus)
- [Experience with the use of the thrombotest] Naiman PM. Lab Delo 8:486-7, 1969 (Rus)
- [A rapid method of determining fibrinolysis, clot retraction and utilization of various factors during blood coagulation] Skipetrov VP, et al.  
Lab Delo 8:480-2, 1969 (Rus)
- [The feasibility of determining clot retraction on a coagulograph device] Tolstoplatova IA.  
Lab Delo 9:543-5, 1969 (Rus)
- [Methods of determining the activity of the fibrinolytic system (review of the literature)] Zaporozhchenko AA. Lab Delo 8:474-7, 1969 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov Iul, et al.  
Probl Endokr (Moskva) 15:15-8, Jul-Aug 69 (Rus)
- [Effect of splenectomy on the condition of the coagulation system and fibrinolytic activity of blood in patients with congenital microspherocytic hemolytic anemia] Akhundova AM, et al.  
Probl Gemat 13:18-20, Apr 68 (Rus)
- [Some problems of the pathogenesis of increased hemorrhagic diathesis in patients with so-called acute promyelocytic leukemia] Al'pidovskii VK, et al.  
Probl Gemat 13:3-10, Jun 68 (Rus)
- [The blood coagulation system in patients with Waldenstrom's macroglobulinemia and multiple myeloma] Kokeva RA, et al.  
Probl Gemat 13:10-5, Jun 68 (Rus)
- [Role of erythrocytes in the process of blood coagulation in posthemorrhagic anemia] Krasik IaD. Probl Gemat 13:21-4, Apr 68 (Rus)
- [Significance of changes in the blood coagulation system in traumatic shock and acute hemorrhage] Kukel' AS, et al. Probl Gemat 14:28-32, Aug 69 (Rus)
- [Data on changes in the blood coagulation system in traumatic shock in pelvic bone fractures] Kukel' AS, et al. Probl Gemat 13:33-5, Dec 68 (Rus)
- [Role of leukocytes in the process of blood coagulation]



- in chronic lymphadenosis] Kuznik BI, et al.  
 Probl Gemat 14:3-7, Mar 69 (Rus)
- [Role of intravascular thrombus formation in the mechanism of development of renal ischemia during incompatible hemotransfusion. (Experimental study)] Martynov SM, et al.  
 Probl Gemat 12:23-6, Sep 67 (Rus)
- [Study of peculiarities of hemostasis in women hemophilia carriers] Papaian LP, et al.  
 Probl Gemat 13:24-9, Jan 68 (Rus)
- [Changes of some coagulation factors in preserved blood] Riabiy PA. Probl Gemat 14:45-8, Mar 69 (Rus)
- [Comparative evaluation of the hemostatic effect of dry plasma and dry plasma with lactate in the prevention of placental and early postpartum hemorrhages] Rozhilo EA.  
 Probl Gemat 13:40-2, Jun 68 (Rus)
- [Coagulographic characteristic of various hemotransfusion media] Sharova IuA.  
 Probl Gemat 14:37-41, Aug 69 (Rus)
- [Autocoagulogram with erythrocytin and some aspects of use of this method in clinical practice] Shevchenko VI, et al. Probl Gemat 14:27-31, Mar 69 (Rus)
- [Thrombin-like properties of tissue] Skipetrov VP.  
 Probl Gemat 13:29-32, Jan 68 (Rus)
- [Biological properties of extravasated blood] Tepper PA, et al. Probl Gemat 13:21-4, Jun 68 (Rus)
- [Hemophilia B] Timerbaev VN, et al.  
 Probl Gemat 14:21-3, Mar 69 (Rus)
- [Effect of hemolyzed erythrocytes on the blood coagulation system] Vygovskaya IA.  
 Probl Gemat 12:26-9, Sep 67 (Rus)
- [Dynamics of the properties of the thromboelastogram, prothrombin time and plasma fibrinogen concentration of rabbits vaccinated with BCG] Polushkina EE. Probl Tuberk 47:72-6, 1969 (Rus)
- [Blood coagulation system in non-icteric and little icteric forms of infectious hepatitis] Fedenko NN. Sovet Med 32:107-11, Jan 69 (Rus)
- [Blood coagulation in vascular diseases of the extremities] Khrushcheva EA, et al.  
 Sovet Med 32:93-5, 1969 (Rus)
- [Blood coagulation in various forms of myocardial infarct] Orlova NP. Sovet Med 32:138-9, Nov 69 (Rus)
- [The state of the coagulating and anticoagulating system of blood in hemorrhages during the early postpartum period] Vasil'eva KM.  
 Sovet Med 31:118-9, Dec 68 (Rus)
- [Intraperitoneal administration of fibrinolysin and blood coagulation] Zhenchevskii RA.  
 Sovet Med 32:32-6, Dec 69 (Rus)
- [Indices of the blood coagulation system in aged patients with a stable phase of atherosclerosis] Alferova LN, et al. Ter Arkh 41:23-7, Jun 69 (Rus)
- [Blood coagulation activity in patients with circulatory insufficiency and myocardial infarct] Chernysheva GV. Ter Arkh 42:72-5, Feb 70 (Rus)
- [Clinical significance of the study of the blood coagulation and anticoagulation system in several surgical interventions on the upper respiratory tract in middle-aged and aged patients] Gorlina AA, et al.  
 Vestn Otorinolaring 31:13-6, Mar-Apr 69 (Rus)
- [Use of hemostatic gauze on a modified cellulose base in otorhinolaryngologic surgery] Khodakov IG, et al.  
 Vestn Otorinolaring 31:74-6, Jan-Feb 69 (Rus)
- [State of enzymatic system in children in chronic toxic-allergic tonsillitis without concomitant diseases] Tamm LIA, et al.  
 Vestn Otorinolaring 31:101-5, Sep-Oct 69 (Rus)
- [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudriashov BA, et al. Vop Med Khim 15:486-94, Sep-Oct 69 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.  
 Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)
- [Some indices of the blood coagulation system in dynamic studies in children with rheumatism] Briazgunov IP.  
 Vop Okhr Materin Dets 14:24-7, Feb 69 (Rus)
- [Changes in the coagulating and anticoagulating systems of the blood in uterine cervix cancer patients following administration of massive doses of thio-TEPA] Kuliev ShB, et al.  
 Vop Onkol 15:49-54, 1969 (Rus)
- [The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadih IB.  
 Vop Onkol 16:97-9, May 70 (Rus)
- [The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C deficiency] Sushkevich GN, et al.  
 Vop Pitn 28:23-7, Sep-Oct 69 (Rus)
- [Lipid and blood coagulation indices in residents of the Latvian SSR as a function of nutritional status] Zhikhare Liu, et al.  
 Vop Pitn 28:33-7, Sep-Oct 69 (Rus)
- [Thrombotest in the nonicteric and slightly-icteric forms of infectious hepatitis] Fedenko NN.  
 Vrach Delo 1:124-6, Jan 69 (Rus)
- [Changes in the blood coagulation in patients with pulmonary tuberculosis during treatment with preparations of the first order] Ivanluta OM, et al.  
 Vrach Delo 8:38-9, Aug 69 (Rus)
- [Functional status of the blood coagulation and anticoagulation system in diabetes mellitus] Prishlak VD. Vrach Delo 8:19-21, Aug 69 (Rus)
- [Application of the autocoagulography method for assessing the functional status of the blood coagulation system] Sharova IuA, et al.  
 Vrach Delo 9:147-8, Sep 69 (Rus)
- Method to determine fibrinolytic activity of plasma euglobulin fractions and antifibrinolytic activity in blood] Aslanian NL, et al.  
 Zh Eksp Klin Med 10:101-5, 1970 (Rus)
- [Clinical significance of some indices of blood coagulation and anticoagulation system in acute bacillary dysentery] Keshishian SG.  
 Zh Eksp Klin Med 9:67-70, 1969 (Rus)
- [Changes in the system of blood coagulation under the influence of a series of therapeutic measures] Sarkisian TG. Zh Eksp Klin Med 9:69-73, 1969 (Rus)
- [Differential diagnosis of the hyperacute period of cerebrovascular disorders] Lebedev VV, et al.  
 Zh Nevropat Psikhiat Korsakov 69:1138-41, 1969 (Rus)
- [Acute promyelocytic leukemia. Cytologic and coagulopathic characteristics] Mikes A, et al.  
 Med Pregl 22:189-95, 1969 (Ser)
- [Von Willebrand's syndrome in a consanguineous family] Lasierra Cirujeda J, et al.  
 Rev Clin Esp 113:55-8, 15 Apr 69 (Spa)
- [Biological tests and iatrogenic anovulation] Ramirez Sanchez J, et al.  
 Rev Colombia Obstet Ginec 20:237-46, Jul-Aug 69 (Spa)
- [In vitro thrombosis in ischemic heart disease] Berger F, et al. Rev Med Chile 98:79-85, Feb 70 (Spa)
- [Thrombin-streptokinase test] Aznar J, et al.  
 Sangre (Barc) 15:269-74, 1970 (Spa)
- [Control of dicoumarol therapy by means of in vitro heparin tolerance test and thrombelastography] Cañizares C, et al. Sangre (Barc) 15:170-5, 1970 (Spa)
- [Chronic hypercoagulability syndrome in a case of paroxysmal nocturnal hemoglobinuria (H.P.N.)] Pizzuto J, et al. Sangre (Barc) 14:457-62, 1969 (Spa)
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al.  
 Nord Med 82:1277-83, 9 Oct 69 (Swe)
- [Determination in blood plasma of proteolytic products which provoke bleeding] Radzevich IM.  
 Ukr Biokhim Zh 41:698-701, 1969 (Ukr)
- [Hemolytic-uremic syndrome in a 7-year-old boy] Schwalbová M, et al. Cesk Pediat 25:282-4, Jun 70 (Slo)

## INSTRUMENTATION

- Estimation of euglobulin lysis time using a time-saving recorder. Menon IS, et al.  
 Lab Pract 18:1186-7 passim, Nov 69
- Temperature stabilization of whole blood coagulation times using a portable incubation block. Miller LA, et al. Techn Bull Regist Med Techn 39:242-5, Nov 69
- Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. Engelberg H.  
 Thromb Diath Haemorrh 22:344-50, 15 Nov 69
- A machine for the determination of the whole blood clotting time. Watt DL.  
 Thromb Diath Haemorrh 23:627-32, 30 Jun 70
- A semiautomated method for quantitative fibrinogen determinations. Rep No 834. Fieseler ML, et al.  
 US Army Med Res Lab 1-5, 30 Sep 69
- [Determination of fibrinogen by the "fibrin-polymerization-time" test using Becton-Dickinson fibrometer] Donati MB, et al.  
 Path Biol (Paris) 18:697-8, Jun-Jul 70 (Fre)
- [Automation in the blood group serological laboratory] Unger P. Bibl Haemat 32:176-89, 1969 (Ger)



# SUBJECT SECTION

## BLOOD

- [Rotating intermittent coagulometer] Fukutake K, et al. *Jap J Clin Path* 18:443-6, Jun 70 (Jap)
- [A platelet aggregometer] Kono Y, et al. *Jap J Clin Path* 17:943-6, Dec 69 (Jap)
- [Preparation for blood coagulation tests] Ukita M. *Jap J Clin Path* 16:Suppl 16:29-34, 1969 (Jap)
- [Blood coagulation tests in the hematological laboratory--equipment and management] Yamanaka M, et al. *Jap J Clin Path* 16:Suppl 16:19-28, 1969 (Jap)
- [Apparatus for automatic determination of blood tolerance to heparin] Lakin KM, et al. *Farmakol Toksik* 33:371-6, May-Jun 70 (Rus)
- [A micromethod of studying the blood coagulation system] Ivanov EP, et al. *Lab Delo* 8:500-3, 1969 (Rus)
- [Laboratory apparatus for controlling hypo- and hypercoagulation] Koblov LF. *Lab Delo* 8:493-6, 1969 (Rus)
- [The coagulograph-a new portable apparatus for studying the blood coagulation system] Vtmakher UA, et al. *Lab Delo* 8:496-9, 1969 (Rus)

### STANDARDS

- The vascular component in hemostasis. Quick AJ. *New Eng J Med* 283:186-9, 23 Jul 70
- Fibrin split products in serum of newborn: possible technical errors. Chessells JM, et al. *Pediatrics* 45:155, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Ekelund H, et al. *Pediatrics* 45:156-7, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Ekert H. *Pediatrics* 45:154-5, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Gilchrist GS. *Pediatrics* 45:158, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Hathaway WE. *Pediatrics* 45:154, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Karparkin M. *Pediatrics* 45:157-8, Jan 70
- Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al. *Thromb Diath Haemorrh* 23:569-84, 30 Jun 70
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D. *Thromb Diath Haemorrh* 23:206-12, 1970
- [Comparative studies on the accuracy of the fibrinogen-polymerisation-time-test. A method of fibrinogen estimation for use in clinic and practice] Simon B, et al. *Aerztl Forsch* 24:234-9, 10 Aug 70 (Ger)
- [Standardization of the thromboplastin generation test for the determination of antihemophilic globulin A (VIII) and B (IX)] Bergmann A. *Folia Haemat (Leipzig)* 93:376-80, 1970 (Ger)

### VETERINARY

- Standard values in the beagle dog: haematology and clinical chemistry. Brunk RR. *Food Cosmet Toxic* 7:141-8, Mar 69

### BLOOD PLATELET DISORDERS

- The influence of infection on the degree of bone marrow insufficiency. Wijnja L, et al. *Acta Med Scand* 187:203-11, 3 Mar 70
- Assessment of platelet production with <sup>75</sup>Se selenomethionine. Penington DG. *Brit Med J* 4:782-4, 27 Dec 69
- Differential diagnosis of platelet dysfunction. *Calif Med* 112:66-76, Mar 70
- Glanzmann's thrombasthenia and pregnancy. Payne PR. *Proc Roy Soc Med* 63:56-7, Jan 70
- Effect of phentolamine, an alpha receptor blocking agent, on epinephrine, ADP and collagen induced factor 4 release and platelet aggregation. Kubisz P, et al. *Rev Europ Etud Clin Biol* 15:429-32, Apr 70
- Persistent blood loss from the stomach of patients with cirrhosis and esophageal varices. Wenger J, et al. *Southern Med J* 63:560-6, May 70
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al. *Anesth Analg (Paris)* 26:609-18, Jul-Aug 69 (Fre)
- [Experimental reproduction of the sludge phenomenon] Larcen A, et al. *Angiologie* 21:7-19, Jan-Feb 69 (Fre)

- [Current aspects of the concept of thrombocytopathy] Parreira F, et al. *Cah Coll Med Hop Paris* 10:1183-90, 30 Nov 69 (Fre)
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)
- [Change of blood platelet activity in patients with chronic uremia] Cordonnier D, et al. *J Urol Nephrol (Paris)* 75:289-301, Apr-May 69 (Fre)
- [Prolongation of bleeding time and collagen anomalies] Caen J, et al. *Nouv Rev Franc Hemat* 10:426-30, May-Jun 70 (Fre)
- [Emergency therapy in platelet syndromes] Gilly R, et al. *Pediatric* 24:927-36, Dec 69 (Fre)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R. *Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Generalized Schwartzman reaction] Lipinski B, et al. *Postepy Hig Med Dosw* 23:435-49, Jul-Aug 69 (59 ref.) (Pol)
- [Disorders of hemostatic function of blood platelets in experimental trichomoniasis and vitamin C deficiency in guinea pigs] Hoffmann B, et al. *Wiad Parazyt* 15:343-6, 1969 (Pol)
- [Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al. *Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)
- [Disseminated intravascular coagulation] Papilian M. *Stud Cercet Med Intern* 10:209-21, 1969 (70 ref.) (Rum)

### BLOOD

- Electron microscopy of bleeder swine platelets. Kahn RA, et al. *Amer J Vet Res* 31:679-84, Apr 70
- Aspirin ingestion compared with bleeding disorders--search for a useful platelet antiaggregant. Weiss HJ. *Blood* 35:333-40, Mar 70
- Thrombopoietin. Kelemen E. *Brit Med J* 2:733-4, 20 Jun 70
- The effect of dipyridamole on increased levels of platelet adhesiveness. Report of a controlled clinical trial. Mayne EE, et al. *J Atheroscler Res* 9:335-8, May-Jun 69
- Autoimmune hemolytic anemia in a patient with a deficiency of red cell glucose-6-phosphate dehydrogenase activity. Moskowitz RM. *Johns Hopkins Med J* 126:139-45, Mar 70
- Platelet-collagen reaction and bleeding syndrome. Caen JP. *Lancet* 1:568, 14 Mar 70
- Platelet production. Harker LA. *New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al. *Paediatr Indonesia* 9:117-22, May-Jun 69
- The use of <sup>75</sup>Se-methionin for the in vivo study of platelet kinetics. Najean Y, et al. *Scand J Haemat* 6:395-401, 1969
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. *Scand J Haemat* 6:377-85, 1969
- [Platelet aggregation in the newborn infant] Hrodek O. *Nouv Rev Franc Hemat* 9:569-73, Jul-Aug 69 (Fre)
- [Prostatic cancer and acid phosphatase] Mischol HR. *Schweiz Med Wschr* 99:1357-61, 20 Sep 69 (Ger)
- [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al. *Lab Delo* 2:71-7, 1970 (30 ref.) (Rus)

### CHEMICALLY INDUCED

- Spontaneous and experimental thrombosis in the mouse placenta. Moe N. *Acta Path Microbiol Scand* 77:653-75, 1969
- The hematological complications of commonly prescribed drugs. Mechanism of action. Box TR. *Appl Ther* 11:543-9, Oct 69
- Toxicity of E. coli L-asparaginase in man. Oettgen HF, et al. *Cancer* 25:253-78, Feb 70
- Cytarabine (Cytosar). *Clin Pharmacol Ther* 11:155-60, Jan-Feb 70
- Chemotherapy in malignant disease. *Drug Ther Bull* 8:13-6, 13 Feb 70
- Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on



- newborn hemostasis. Bleyer WA, et al.  
JAMA 213:2049-53, 21 Sep 70
- Gold therapy of rheumatoid arthritis.  
Fernandez-Herlihy L.  
Lahay Clin Found Bull 19:124-8, Sep 70
- [Hematological complications in antiepileptic therapy.  
(Review of the literature and own experience)] Svatý  
J. Cesk Pediat 25:193-7, Apr 70 (Cze)
- [Diagnosis and therapy of various form of  
thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Medication induced cytopenia] Demange J.  
Maroc Med 49:646-8, Nov 69 (Fre)
- [Pills and thrombosis (platelets, estrogens and  
magnesium)] Durlach J.  
Rev Franc Endocr Clin 11:45-54, Jan-Feb 70 (Fre)
- [Etiological aspects of thrombocytopenia] Parreira F,  
et al. Munchen Med Wschr 111:2640-6, 19 Dec 69 (Ger)
- [Uric acid and ADP-induced platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1027-9, 15 Aug 69 (Ita)
- [Effects of angiotensin on platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1030-3, 15 Aug 69 (Ita)
- [Effects of phentolamine on platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1033-5, 15 Aug 69 (Ita)
- [Lysis of thrombi and emboli by means of  
streptokinase. I. Activation of fibrinolysis,  
mechanism of plasmin activity, indications and  
contra-indications, treatment principles] Janda R, et  
al. Przegl Lek 25:701-5, 1969 (Pol)
- [Thrombasthenia in workers coming into contact with  
benzene and its homologs] Blank NL.  
Gig Tr Prof Zabol 14:32-5, May 70 (Rus)
- [Changes in the coagulating and anticoagulating  
systems of the blood in uterine cervix cancer patients  
following administration of massive doses of  
thio-TEPA] Kuliev ShB, et al.  
Vop Onkol 15:49-54, 1969 (Rus)

## COMPLICATIONS

- The bleeding disorder in hepatomegalic forms of  
glycogen storage disease. Nilsson IM, et al.  
Acta Paediat Scand 59:127-33, Mar 70
- Hemangioendothelioma of the liver associated with  
microangiopathic hemolytic anemia. Report of four  
cases. Alpert LI, et al. Amer J Med 48:624-8, May 70
- Electron microscopy of bleeder swine platelets. Kahn  
RA, et al. Amer J Vet Res 31:679-84, Apr 70
- Malaria: host-defense mechanisms and complications.  
Neva FA, et al. Ann Intern Med 73:295-306, Aug 70
- Platelet function: a review. II. Abnormal function.  
Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)
- Non-traumatic necrosis of the femoral head. I. Relation  
of altered hemostasis to etiology. Boettcher WG, et al.  
J Bone Joint Surg [Amer] 52:312-21, Mar 70
- An unusual case of recurrent coagulation failure in  
pregnancy. Treatment with heparin. Basu HK, et al.  
J Obstet Gynaec Brit Comm 76:936-40, Oct 69
- Aspirin and prednisone in microangiopathic haemolytic  
anaemia. Jobin F, et al. Lancet 2:208-10, 25 Jul 70
- Christmas disease associated with prothrombin  
deficiency and thrombasthenia. Alatas H, et al.  
Paediat Indonesia 9:117-22, May-Jun 69
- Abnormalities of platelet function and ultrastructure  
in macrothrombocytic thrombopathia. Niewiarowski  
S, et al. Scand J Haemat 6:377-85, 1969
- [Hyperfibrinolysis as the cause of so-called  
"spontaneous hemorrhages"] Perlick E.  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)
- [Clinical aspects and clinical course of a case of  
congenital hypofibrinogenemia] Kruse H, et al.  
Kinderarzt Prax 37:361-72, Aug 69 (Ger)
- [Effect of fibrinolysis on possible thrombocytic  
disorders] Fürstenberg H, et al.  
Langenbecks Arch Chir 325:361-4, 1969 (Ger)
- [Diagnosis and therapy of vascular, thrombocytic and  
plasmatic kidney hemorrhage] Brüster H.  
Mtschr Kinderheilk 117:360-3, Apr 69 (Ger)
- [Behavior of thrombocyte aggregation in liver  
cirrhosis] Tilz GP, et al.  
Wien Z Inn Med 51:1-6, 1970 (Ger)
- [Hemorrhagic disease of the newborn. New  
pathogenetic trends] Grasso E, et al.  
Minerva Pediat 20:1139-69, 2 Jun 68 (Ita)
- [Blood coagulation tests for plasma factors. Tatsumi

- factor] Umegaki K.  
Jap J Clin Path 16:Suppl 16:105+, 1969 (Jap)
- [Blood platelet adhesiveness in diabetic patients]  
Bielawiec M, et al.  
Pol Arch Med Wewnet 44:19-23, 1970 (Pol)
- [Disturbances in hemostasis in secondary  
thrombocytopenia in the light of studies on platelet  
aggregation] Lawkowicz W, et al.  
Pol Arch Med Wewnet 43:1555-62, Dec 69 (Pol)
- [Considerations on a case of hemophilia associated with  
hypofibrinogenemia and thrombocytopenia]  
Petrescu CM, et al.  
Med Intern (Bucur) 20:613-6, May 68 (Rum)
- [Thrombocyte and atherosclerosis] Păunescu-Podeanu  
A, et al.  
Stud Cercet Med Intern 10:469-79, 1969 (106 ref.) (Rum)
- [May-Hegglin anomaly as the etiology of  
thrombocytopenic purpura (22 new cases)] Prado  
Vargas G. Bol Asoc Med P Rico 62:52-9, Feb 70 (Spa)

## CONGENITAL

- Congenital hypoplastic thrombocytopenia and cerebral  
malformations in two brothers. Hoyeraal HM, et al.  
Acta Paediat Scand 59:185-91, Mar 70
- Platelet function: a review. II. Abnormal function.  
Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)
- [Current aspects of the concept of thrombocytopenia]  
Parreira F, et al.  
Cah Coll Med Hop Paris 10:1183-90, 30 Nov 69 (Fre)
- [Etiological aspects of thrombocytopenia] Parreira F,  
et al. Munchen Med Wschr 111:2640-6, 19 Dec 69 (Ger)

## DIAGNOSIS

- Congenital hypoplastic thrombocytopenia and cerebral  
malformations in two brothers. Hoyeraal HM, et al.  
Acta Paediat Scand 59:185-91, Mar 70
- Glanzmann's thrombasthenia. (Report of 3 cases).  
Vélez-García E, et al.  
Bol Asoc Med P Rico 62:86-91, Mar 70
- Differential diagnosis of platelet dysfunction.  
Calif Med 112:66-76, Mar 70
- The diagnosis and management of unusual bleeding in  
the surgical patient. Bowie EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69
- [Diagnosis and therapy of various form of  
thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Functional platelet insufficiency in infants and  
children. 7 cases] Poullaud JM, et al.  
Pediatric 24:973-82, Dec 69 (Fre)
- [Analysis of platelet function. Measurement of the  
release of acid phosphatases] Kubisz P, et al.  
Rev Europ Etud Clin Biol 15:123-6, Jan 70 (Fre)
- [Etiological aspects of thrombocytopenia] Parreira F,  
et al. Munchen Med Wschr 111:2640-6, 19 Dec 69 (Ger)
- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al.  
Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)
- [Description of an apparatus for the study in vitro of  
blood platelet aggregation] Bologna E.  
Boll Soc Ital Biol Sper 45:1025-6, 15 Aug 69 (Ita)
- [Morphological examination of the blood platelet]  
Kosaki G, et al.  
Jap J Clin Path 16:Suppl 16:59-65, 1969 (Jap)
- [Contribution to the diagnostic and prognostic value of  
tests for blood lipid disorders, coagulation disorders  
and thrombocyte adhesiveness in cerebral vascular  
disorders] Popoviciu L, et al.  
Stud Cercet Neurol 14:57-65, 1969 (Rum)
- [Reaction of thrombocytes in rejection of transplanted  
kidneys] Claes G, et al.  
Nord Med 84:964, 23 Jul 70 (Swe)

## DRUG THERAPY

- [On vasculoprotective therapy in various hemorrhagic  
syndromes] Carile L. Clin Ter 45:445-60, 15 Jun 68 (Ita)
- [Fibrinolytic and "consumption" coagulopathy.  
Therapeutic and clinical remarks] Dyk T.  
Pol Tyg Lek 24:1318-22, 25 Sep 69 (Pol)
- [Effects of antihistaminics on platelets adhesiveness]  
Ruggiero HA, et al.  
Prensa Med Argent 57:844-7, 3 Jul 70 (Spa)



# SUBJECT SECTION

## BLOOD

### ENZYMOLGY

- [Acquired blood platelet disorders] Caen JP, et al.  
Nouv Rev Franc Hemat 9:553-69, Jul-Aug 69 (Fre)

### ETIOLOGY

- Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. Cohen I, et al.  
Amer J Med 48:766-76, Jun 70
- Intravascular coagulation associated with pneumococcal bacteremia and symmetrical peripheral gangrene. Stossel TP, et al.  
Arch Intern Med (Chicago) 125:876-8, May 70
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al.  
Arch Surg (Chicago) 101:82-8, Jul 70
- Wiskott-Aldrich syndrome: qualitative platelet defects and short platelet survival. Grötum KA, et al.  
Brit J Haemat 17:373-88, Oct 69
- Chronic intravascular coagulation and microangiopathic hemolytic anemia in a patient with carcinoma of the lung. Rodriguez JM, et al.  
Ohio Med J 65:1010-6, Oct 69
- Major surgery in a patient with thrombasthenia and rapid removal of normal platelets. Barlie H, et al.  
Scand J Haemat 6:338-42, 1969
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Acquired blood platelet disorders] Caen JP, et al.  
Nouv Rev Franc Hemat 9:553-69, Jul-Aug 69 (Fre)
- [Thrombopathy in the course of benzene-induced leukemia] Inceman S, et al.  
Nouv Rev Franc Hemat 9:573-4, Jul-Aug 69 (Fre)
- [Graft rejection phenomenon and disseminated intravascular coagulation. Study of human heart transplantation] Bailly Y, et al.  
Presse Med 77:1459-62, 11 Oct 69 (Fre)
- [Etiological aspects of thrombocytopenia] Parreira F, et al. Munchen Med Wschr 111:2640-6, 19 Dec 69 (Ger)
- [Differentiation and drug therapy of lipemias] Schettler G. Clin Ter 44:513-32, 30 Jun 68 (Ita)
- [Current aspects of the concept of thrombocytopenia] Parreira F, et al.  
Minerva Med 60:5319-27, 26 Dec 69 (Ita)
- [Immunologic aspects of blood transfusion in its medico-legal repercussions] Aragona F.  
Zaccchia 5:161-94, Apr-Jun 69 (96 ref.) (Ita)
- [Smoking and thrombosis] Lisiewicz J, et al.  
Wiad Lek 22:1971-4, Nov 69 (Pol)
- [The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C deficiency] Sushkevich GN, et al.  
Vop Pitn 28:23-7, Sep-Oct 69 (Rus)
- [A study of thrombopoiesis in chronic leucosis in connection with different methods of treatment] Pogossian AS, et al.  
Zh Eksp Klin Med 9:86-90, 1969 (Rus)

### FAMILIAL & GENETIC

- Congenital hypoplastic thrombocytopenia and cerebral malformations in two brothers. Hoyeraal HM, et al.  
Acta Paediat Scand 59:185-91, Mar 70
- Chromosomal abnormalities in human neoplasia. Sandberg AA, et al.  
Ann Rev Med 21:379-408, 1970 (336 ref.)
- Glanzmann's thrombasthenia. (Report of 3 cases). Vélez-García E, et al.  
Bol Asoc Med P Rico 62:86-91, Mar 70
- Platelet function: a review. II. Abnormal function. Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)
- Constitutional aplastic anaemia with congenital anomalies (Fanconi's anaemia)--a family study. Da Costa JL, et al.  
J Singapore Paediat Soc 11:73-81, Apr 69
- Glanzmann's disease and trait. Papayannis AG, et al.  
Lancet 2:44, 4 Jul 70
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. New Eng J Med 281:1264-70, 4 Dec 69
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)

[Hereditary thrombopathies] Hardisty RM.

- Nouv Rev Franc Hemat 9:550-3, Jul-Aug 69 (Fre)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al.  
Acta Haemat (Basel) 42:303-20, 1969 (Ger)
- [Thrombopathy in May-Hegglin anomaly] Beck EA, et al. Schweiz Med Wschr 100:330-3, 14 Feb 70 (Ger)
- [May-Hegglin anomaly as the etiology of thrombocytopenic purpura (22 new cases)] Prado Vargas G. Bol Asoc Med P Rico 62:52-9, Feb 70 (Spa)

### METABOLISM

- The role of phenol and phenolic acids on the thrombocytopenia and defective platelet aggregation of patients with renal failure. Rabiner SF, et al.  
Amer J Med 49:346-51, Sep 70
- Biosynthesis of cytidine diphosphate diglyceride by human platelets. Call FL 2d, et al.  
J Clin Invest 49:392-9, Feb 70
- [Hereditary thrombopathies] Hardisty RM.  
Nouv Rev Franc Hemat 9:550-3, Jul-Aug 69 (Fre)
- [Biochemical aspects of various hemostatic platelet disorders] Farbiszewski R, et al.  
Wiad Lek 23:37-42, 1 Jan 70 (Pol)

### MORTALITY

- Splenectomy for hematologic disorders. Schwartz SI, et al. Arch Surg (Chicago) 101:338-47, Aug 70

### PATHOLOGY

- [Histology of bone marrow in Vaquez's disease and the problem of myelosclerosis. 70 biopsies] Duhamel G, et al. Nouv Rev Franc Hemat 10:209-22, Mar-Apr 70 (Fre)
- [Thrombopathy in May-Hegglin anomaly] Beck EA, et al. Schweiz Med Wschr 100:330-3, 14 Feb 70 (Ger)

### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)
- Platelet production. Harker LA.  
New Eng J Med 282:492-4, 26 Feb 70 (11 ref.)
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. New Eng J Med 281:1264-70, 4 Dec 69
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. Scand J Haemat Suppl 5:5-97, 1969
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. Scand J Haemat 6:377-85, 1969
- [Current aspects of the concept of thrombocytopenia] Parreira F, et al.  
Cah Coll Med Hop Paris 10:1183-90, 30 Nov 69 (Fre)
- [Case of thrombocytopenia during pregnancy] Mauro R, et al. Rass Int Clin Ter 48:478-82, 30 Apr 68 (Ita)

### SURGERY

- Splenectomy for hematologic disorders. Schwartz SI, et al. Arch Surg (Chicago) 101:338-47, Aug 70
- Elective splenectomy for primary hematologic and splenic disease. Devlin HB, et al.  
Surg Gynec Obstet 131:273-6, Aug 70

### THERAPY

- Long-term platelet support of patients with aplastic anemia. Effect of splenectomy and steroid therapy. Grumet FC, et al. Ann Intern Med 73:1-7, Jul 70
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Platelet transfusion] Abrahamsen AF.  
T Norsk Laegeforen 89:1577-9, 15 Oct 69 (Nor)

### VETERINARY

- Electron microscopy of bleeder swine platelets. Kahn RA, et al. Amer J Vet Res 31:679-84, Apr 70
- Platelet adhesion in bleeder swine measured by glass



bead column. Cooper RG, et al.  
Texas Rep Biol Med 27:955-61, Winter 69

## BLOOD PLATELETS

- Exercise-induced thrombocytosis. Dawson AA, et al.  
Acta Haemat (Basel) 42:241-6, 1969
- Megakaryocytes and platelets in central venous and arterial blood. Kallinikos-Maniatis A.  
Acta Haemat (Basel) 42:330-5, 1969
- Pre-leukaemic acute myelogenous leukaemia. Kumar S, et al. Acta Haemat (Basel) 43:21-30, 1970
- Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al.  
Acta Haemat (Basel) 43:65-72, 1970
- Effects of plasmin on human platelets. Fukutake K, et al. Acta Haemat Jap 32:58-62, Feb 69
- Coagulation studies of the vascular intima. II. Antithrombin activity. Oe K.  
Acta Haemat Jap 32:297-310, Apr 69
- The study on enumeration of the blood platelets. Watanabe T. Acta Haemat Jap 32:397-405, Jun 69
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. Acta Obstet Gynec Scand 48:371-91, 1969
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ.  
Acta Paediat Scand 59:551-7, Sep 70
- Soluble antigen-antibody complexes and platelet aggregation. Penttinen K, et al.  
Acta Path Microbiol Scand 77:309-17, 1969
- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)
- Platelet adhesion and thrombus formation on vascular catheters in dogs. Jacobsson B, et al.  
Acta Radiol [Diagn] (Stockholm) 8:221-7, May 69
- Examination of the thrombocyte count in mink in connection with anaemia. Helgebostad A, et al. Acta Vet Scand 10:48-56, 1969
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
Advances Immun 10:145-227, 1969 (743 ref.)
- Changes in platelets and lipids in experimental atheroembolism and bends. Clark ML, et al. Aerospace Med 40:1094-8, Oct 69
- Immunosuppressive treatment of bronchial asthma. Formgren H. Allerg Asthma (Leipzig) 16:36-41, 1970
- Splenic megakaryocytes and circulating platelets in pregnant rats. Marien GJ, et al.  
Amer J Anat 128:225-33, Jun 70
- A standard platelet suspension: control of automatic platelet counting with the Coulter counter. Nakatsui T, et al. Amer J Clin Path 53:659-62, May 70
- Afibrinogenemia in man following the bite of a rattlesnake (*Crotalus adamanteus*). Weiss HJ, et al. Amer J Med 47:625-34, Oct 69
- Electron microscopy of the spleen. II. Phagocytosis of colloidal carbon. Burke JS, et al.  
Amer J Path 58:157-81, Jan 70
- Etiology, pathogenesis, and prevention of a fatal host-versus-graft syndrome in parent-F1 mouse chimeras. Hard RC Jr, et al.  
Amer J Path 59:203-24, May 70
- The structure of thrombus-like deposits formed in extracorporeal shunts. Hovig T, et al.  
Amer J Path 59:75-100, Apr 70
- Lipid accumulation in renal arterioles due to platelet aggregate embolism. Moore S, et al.  
Amer J Path 58:283-93, Feb 70
- Early events at the aortic homograft-bloodstream interface. Ryan SF, et al. Amer J Path 59:453-68, Jun 70
- Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al.  
Amer J Path 60:19-42, Jul 70
- The interplatelet zone. White JG.  
Amer J Path 58:19-29, Jan 70
- Alterations of platelet ultrastructure in patients with carcinoid syndrome. White JG, et al.  
Amer J Path 56:519-31, Sep 69
- Regulation of thrombopoiesis. Harker LA.  
Amer J Physiol 218:1376-80, May 70
- Selected procoagulants in the guinea pig. Hurt JP, et al. Amer J Physiol 218:832-7, Mar 70
- Platelet volume: effect of temperature and agents affecting platelet aggregation. Salzman EW, et al. Amer J Physiol 217:1330-8, Nov 69
- Changes in blood coagulation and fibrinolysis during the postoperative period. Yegge J.  
Amer J Surg 119:225-32, Mar 70
- Hematologic values of burros from birth to maturity: cellular elements of peripheral blood. Brown DG, et al. Amer J Vet Res 30:1921-7, Nov 69
- Electron microscopy of nongranular leukocytes and thrombocytes of chickens. Dhingra LD, et al.  
Amer J Vet Res 30:1837-42, Oct 69
- Antihematopoietic and carcinogenic effects of bracken fern (*Pteridium aquilinum*) in rats. Schacham P, et al. Amer J Vet Res 31:191-7, Jan 70
- The oxygen tension-platelet relationship in cystic fibrosis. Gross S, et al.  
Amer Rev Resp Dis 100:513-7, Oct 69
- Long-term platelet support of patients with aplastic anemia. Effect of splenectomy and steroid therapy. Grumet FC, et al. Ann Intern Med 73:1-7, Jul 70
- Plasmapheresis with plasma exchange in hepatic coma. Methods and results in five patients with acute fulminant hepatic necrosis. Lepore MJ, et al. Ann Intern Med 72:165-74, Feb 70
- Significance of splenomegaly in patients with hepatic cirrhosis and bleeding esophageal varices. Dumont AE, et al. Ann Surg 171:522-6, Apr 70
- Screen filtration pressure in combat casualties. McNamara JJ, et al. Ann Surg 172:334-41, Sep 70
- Cytomegalovirus antibody assay by platelet aggregation. Penttinen K, et al.  
Arch Ges Virusforsch 29:189-94, 1970
- Alcoholic thrombocytopenia in three inpatient drinking alcoholics. Ryback R, et al.  
Arch Intern Med (Chicago) 125:475-7, Mar 70
- Pathologic sequelae and complications of ventriculotomy. II. With particular reference to platelet thromboemboli in the small intramyocardial vessels. Schwartz CJ, et al.  
Arch Path (Chicago) 89:56-64, Jan 70
- Multiple transfusions with sensitization associated with amyloidosis. Report of a case. Sharma HM, et al. Arch Path (Chicago) 89:473-6, May 70
- Graded endothelial injury of the rabbit aorta. With special reference to platelet deposition. Ts'ao CH. Arch Path (Chicago) 90:222-9, Sep 70
- Pathogenesis of myocardial infarcts in rats fed a thrombogenic diet. Wilson RB, et al.  
Arch Path (Chicago) 89:457-69, May 70
- Platelet adhesion before and after venous occlusion. A comparison between normal subjects, patients with primary "carbohydrate-induced" hypertriglyceridemia and patients with arteriosclerotic vascular disease. Holzknecht F, et al. Atherosclerosis 11:105-17, Jan-Feb 70
- Reduction of platelet adhesiveness in vitro by post-heparin plasma. Ham JM.  
Aust J Exp Biol Med Sci 47:755-7, Dec 69
- The behaviour of plasma substitutes. Eichler J, et al. Bibl Haemat 33:536-42, 1969
- The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. Bibl Haemat 33:457-65, 1969
- Hemostasis and gelatin infusion. Ludwig H, et al. Bibl Haemat 33:492-3, 1969
- Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeiffer GW, et al. Bibl Haemat 33:481-91, 1969
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemaccel and Rheomacrodex. Trede M. Bibl Haemat 33:553-68, 1969
- Platelet aggregation. I. Regulation by cyclic AMP and prostaglandin E1. Marquis NR, et al.  
Biochem Biophys Res Commun 36:965-72, 10 Sep 69
- Human platelet membrane protein. Nachman RL, et al. Biochemistry (Wash) 9:200-5, 20 Jan 70
- Hemorrhagic thrombocytopenia: control of postsplenectomy thrombocytosis with melphalan. Bensinger TA, et al. Blood 36:61-9, Jul 70
- Allogeneic marrow engraftment following whole body irradiation in a patient with leukemia. Buckner CD, et al. Blood 35:741-50, Jun 70
- Melphalan therapy of polycythemia vera. Logue GL, et al. Blood 36:70-86, Jul 70
- Storage of platelet concentrates at 22 degrees C. Murphy S, et al. Blood 35:549-57, Apr 70
- Hematopoiesis and serum iron changes following vincristine sulfate. Nesbit ME Jr, et al. Blood 34:633-44, Nov 69



- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- Uracil mustard in the treatment of thrombocythemia. Robertson JH. *Blood* 35:288-97, Mar 70
- Insulin resistance and thrombocytopenic purpura occurring in the same patient. Cawley MI, et al. *Brit J Clin Pract* 24:169-74, Apr 70
- Effect of endotoxin on the ultrastructure of liver and blood cells of hamsters. Stewart GJ. *Brit J Exp Path* 51:114-7, Apr 70
- Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al. *Brit J Haemat* 19:33-46, Jul 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al. *Brit J Haemat* 18:643-52, Jun 70
- Wiskott-Aldrich syndrome: qualitative platelet defects and short platelet survival. Gröttum KA, et al. *Brit J Haemat* 17:373-88, Oct 69
- Tissue typing using a routine one-step lymphocyte separation procedure. Harris R, et al. *Brit J Haemat* 18:229-35, Feb 70
- A new heparin assay. Ingram GI, et al. *Brit J Haemat* 17:612, Dec 69
- Preparation and uses of platelet concentrates. Kay HE. *Brit J Haemat* 17:603, Dec 69
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. *Brit J Haemat* 19:159-78, Aug 70
- Megakaryocytes in states of altered platelet production: cell numbers, size and DNA content. Penington DG, et al. *Brit J Haemat* 18:447-63, Apr 70
- Pharmacological significance of biogenic amines in the lungs: histamine. Aviado DM, et al. *Brit J Pharmacol* 38:366-73, Feb 70
- The effect of hypoxia on the platelet count. Atkins P, et al. *Brit J Surg* 57:583-6, Aug 70
- Experiments with an extracorporeal carbon column as a simplified artificial kidney. Barakat T, et al. *Brit J Surg* 57:580-3, Aug 70
- Splenectomy in the treatment of idiopathic thrombocytopenic purpura. Brooks PL, et al. *Brit J Surg* 56:861-3, Nov 69
- Preservation of the primate liver by simple cooling and orthotopic autotransplantation for 2 and one-half-6 hours. Slapak M, et al. *Brit J Surg* 57:385, May 70
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al. *Brit Med J* 2:200-3, 25 Apr 70
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al. *Brit Med J* 1:564-7, 6 Jun 70
- Thrombopoietin. Kelemen E. *Brit Med J* 2:733-4, 20 Jun 70
- Platelet aggregation test with measles antigen in multiple sclerosis. Panellus M, et al. *Brit Med J* 1:461-2, 23 May 70
- Isotope bioassay for "thrombopoietin". Penington DG. *Brit Med J* 1:606-8, 7 Mar 70
- Platelet aggregation by lathyril collagen. Bañkowski E, et al. *Bull Acad Pol Sci [Biol]* 17:141-2, 1969
- Platelet adhesiveness as a diagnostic tool. Laidlaw SJ. *Canad J Med Techn* 32:112-8, Jun 70
- Studies of cellular proliferation in human leukemia. IV. Behavior of normal hemopoietic cells in 3 adults with acute leukemia given continuous infusions of 3H-thymidine for 8 or 10 days. Clarkson B, et al. *Cancer* 26:1-19, Jul 70
- Pulmonary embolus in acute myelocytic leukemia. Wiernik PH, et al. *Cancer* 24:581-4, Sep 69
- Thrombolytic agents and lysis of coronary artery thrombosis. Moschos CB, et al. *Cardiovasc Res* 4:228-34, Apr 70
- Relationship between fatty-acid composition of platelets and platelet aggregation in rat and man. Relation to thrombosis. Renaud S, et al. *Circ Res* 26:553-64, May 70
- Geophagia associated with iron-deficiency anemia, hepatosplenomegaly, hypogonadism and dwarfism. A syndrome probably associated with zinc deficiency. Say B, et al. *Clin Pediat (Phila)* 8:861-8, Nov 69
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. *Clin Sci* 38:15P, Mar 70
- Platelet counts in horses. Finocchio EJ, et al. *Cornell Vet* 60:518-27, Jul 70
- Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1-51, Jan 70 (114 ref.)
- Platelet adhesiveness, plasma fibrinogen and factor 8 levels in diabetes mellitus. Mayne EE, et al. *Diabetologia* 6:436-40, Aug 70
- Leukocyte energy metabolism. 3. Anaerobic and aerobic ATP production and related enzymes. Jemelin M, et al. *Enzym Biol Clin (Basel)* 11:298-323, 1970
- Adriamycin: toxicity data. Bertazzoli C, et al. *Experientia* 26:389-90, 15 Apr 70
- A method for the determination of thrombocyte aggregation in circulating rat blood. Hornstra G. *Experientia* 26:111-2, 15 Jan 70
- Hyperlactacidemia as a factor of thrombocyte adhesiveness. Laborit H, et al. *Experientia* 25:1035-6, 15 Oct 69
- Remarks to the haemogram of the pheasants. Hanušová D, et al. *Folia Haemat (Leipzig)* 93:266-72, 1970
- Average variation of the blood components of four fish. Srivastava AK. *Folia Haemat (Leipzig)* 93:69-73, 1970
- Haematological observations on the squirrel monkey. Capel-Edwards K, et al. *Folia Primat (Basel)* 12:142-60, 1970
- Radiology of the portal system. Kreef L. *Gut* 11:620-6, Jul 70 (39 ref.)
- Platelet adhesiveness in women using oral contraceptives. Oishi N, et al. *Hawaii Med J* 29:365-7, May-Jun 70
- Survival of labelled and non-labelled platelets in the lethally irradiated dog; an evaluation of the 51-chromium method. Kummer H, et al. *Helv Med Acta* 35:226-35, Apr 70
- Effect of normal menstrual cycle on platelet adhesiveness. Yeung JM. *Henry Ford Hosp Med J* 18:193-200, Fall 70
- Thrombelastographic studies on coagulation under influence of antigen-antibody reactions. Yoshida T, et al. *Int Arch Allerg* 38:627-34, 1970
- Acute renal and systemic effects after experimental coarctation of the aorta in the baboon. Groenewald JH, et al. *Invest Urol* 7:299-312, Jan 70
- Toxic effects of chloramphenicol. A survey of children treated in general practice. Yodfat Y. *Israel J Med Sci* 5:1184-7, Nov-Dec 69
- Platelet count: volume relationships in four mammalian species. Nakeff A, et al. *J Appl Physiol* 28:530-3, Apr 70
- Cholesterol, platelets adhesiveness and fibrinolytic activity in ischaemic heart disease. Gupta KK. *J Ass Physicians India* 17:323-31, May 69
- Study of platelet adhesiveness and serum magnesium levels in cases of acute myocardial infarction. Prakash C, et al. *J Ass Physicians India* 17:499-504, Sep 69
- Studies of platelet adhesiveness, blood viscosity and the microcirculation in patients with thrombotic disease. Bygdeman S, et al. *J Atheroscler Res* 10:33-9, Jul-Aug 69
- Studies of optimal conditions for the measurement of circulating endogenous lipoprotein lipase activity. Engelberg H. *J Atheroscler Res* 10:353-8, Nov-Dec 69
- Platelet size and function in ischaemic heart disease. Enticknap JB, et al. *J Atheroscler Res* 10:41-9, Jul-Aug 69
- Thrombogenicity of some biomedical materials: platelet-interface reactions. Mason RG, et al. *J Biomed Mat Res* 3:615-44, Dec 69
- Venous thrombosis in patients with fracture of the upper end of the femur. A phlebographic study of the effect of prophylactic anticoagulation. Hamilton HW, et al. *J Bone Joint Surg [Brit]* 52:268-89, May 70
- Splenectomy in chronic thrombocytopenic purpura. Orringer E, et al. *J Chronic Dis* 23:117-22, Aug 70
- The treatment of acute lymphocytic leukemia. Zubrod CG. *J Chronic Dis* 22:633-5, Mar 70
- Intraglomerular fibrin, platelet aggregation, and subendothelial deposits in lipid nephrosis. Duffy JL, et al. *J Clin Invest* 49:251-8, Feb 70
- Detection of thrombopoietic activity in plasma by stimulation of suppressed thrombopoiesis. Shreiner DP, et al. *J Clin Invest* 49:1709-13, Sep 70
- Atypical leukaemia of long duration with monoclonal hypergammaglobulinaemia. Constantoulakis M, et al. *J Clin Path* 23:156-60, Mar 70
- The irrelevance of adhesive platelet estimation. Eastham RD. *J Clin Path* 22:742, Nov 69
- Reduction in blood platelet size with increase in circulating numbers in the postoperative period and a comparison of the glass bead and rotating bulb methods for detecting changes in function. Enticknap JB, et al. *J Clin Path* 23:140-3, Mar 70
- Von Willebrand factor and platelet adhesiveness. Meyer D, et al. *J Clin Path* 23:228-31, Apr 70
- Estimation of platelet adhesiveness on whole blood and platelet-rich plasma. Shaw S, et al. *J Clin Path* 23:144-8, Mar 70
- The platelet aggregation test in group B arbovirus



- infections. Penttinen K, et al.  
*J Hyg (Camb)* 68:71-6, Mar 70
- Platelet transfusion. Jay AC.  
*J Indiana Med Ass* 63:910, Aug 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae.  
 Bonnar J, et al.
- J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- Cytochrome oxidase activity in platelet-free preparations of *Plasmodium knowlesi*. Scheibel LW, et al.  
*J Parasit* 55:825-9, Aug 69
- Early vascular injury in the x-irradiated chick embryo: an electron-microscope study. Stearner SP, et al.  
*J Path* 99:213-8, Nov 69
- The hemolytic-uremic syndrome in nonrelated adopted siblings. Chan JC, et al.  
*J Pediat* 75:1050-3, Dec 69
- Polycythemia in cyanotic heart disease—a study of altered coagulation. Komp DM, et al.  
*J Pediat* 76:231-6, Feb 70
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al.  
*J Pediat* 76:409-15, Mar 70
- Congenital marrow dysfunction in Down's syndrome. Weinberger MM, et al.  
*J Pediat* 77:273-9, Aug 70
- The role of splenectomy in neonatal idiopathic thrombocytopenic purpura. Grosfeld JL, et al.  
*J Pediat Surg* 5:166-71, Apr 70
- Ethyl palmitate-induced splenic destruction. Prosnitz L, et al.  
*J Reticuloendothel Soc* 6:487-97, Oct-Dec 69
- The mechanism of colloid shock. Wiedmeier VT, et al.  
*J Reticuloendothel Soc* 7:716-30, Jun 70
- Physical working capacity and platelet count: a pilot study. Morgan WP, et al.  
*J Sports Med* 9:181-5, Sep 69
- A case of clinical lung allotransplantation. Hardy JD, et al.  
*J Thorac Cardiovasc Surg* 60:411-26, Sep 70
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al.  
*J Trauma* 9:939-65, Nov 69
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al.  
*J Trauma* 10:307-21, Apr 70
- Haematological study of a rodent malaria model. Topley E, et al.  
*J Trop Med Hyg* 73:1-8, Jan 70
- A comparative study of microtubules of disk-shaped blood cells. Behnke O.  
*J Ultrastruct Res* 31:61-75, Apr 70
- Clinical and experimental evaluation of urinary histidine derivatives as an index of folic acid metabolism. II. The observation in neoplastic diseases with or without methotrexate administration. Ishihara S.  
*J Vitamin (Kyoto)* 15:305-20, 10 Dec 69
- Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al.  
*JAMA* 213:1681-3, 7 Sep 70
- Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on newborn hemostasis. Bleyer WA, et al.  
*JAMA* 213:2049-53, 21 Sep 70
- Pseudohyperkalemia in acute myelocytic leukemia. Chumbley LC.  
*JAMA* 1:1007-9, 9 Feb 70
- Pseudohyperkalemia in acute myelocytic leukemia. Chumbley LC.  
*JAMA* 211:1007-9, 9 Feb 70
- Thrombocytosis in patients with lung cancer. Silvis SE, et al.  
*JAMA* 211:1852-3, 16 Mar 70
- Chromatographic and electrophoretic separation of platelet-clumping substance in rabbit plasma. Yamazaki H, et al.  
*Jap J Physiol* 20:261-71, 15 Jun 70
- Hematologic changes in septicemia. Emerson WA, et al.  
*Johns Hopkins Med J* 126:69-76, Feb 70
- Blood values in stump-tailed macaques (*Macaca arctoides*) under laboratory conditions. Oser F, et al.  
*Lab Anim Care* 20:462-8, Jun 70
- Phagocytosis of *Staphylococcus aureus* by hepatic reticuloendothelial cells. An ultrastructural study. Horn RG, et al.  
*Lab Invest* 21:406-14, Nov 69
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al.  
*Lab Invest* 23:179-83, Aug 70
- Induction of large thrombi in hyperlipemic rats by epinephrine and endotoxin. Renaud S, et al.  
*Lab Invest* 21:512-8, Dec 69
- Long-term hepatic support by intermittent multi-species liver perfusions. Abouna GM, et al.  
*Lancet* 2:391-6, 22 Aug 70
- Platelet-function tests. Cate JW ten, et al.  
*Lancet* 2:1309-10, 13 Dec 69
- Thrombocytosis, methotrexate, and citrovorum factor. Kenis Y, et al.  
*Lancet* 1:621, 21 Mar 70
- Dilution and transfusion. Steinsmith W.  
*Lancet* 2:823-4, 17 Oct 70
- Juvenile chronic myeloid leukaemia. Stoppoloni G, et al.  
*Lancet* 1:1176, 30 May 70
- Platelet adhesiveness in Hageman trait. Walsh PN.  
*Lancet* 2:575, 12 Sep 70
- Evaluation of the hemostatic mechanism. Bowie EJ, et al.  
*Med Clin N Amer* 54:889-902, Jul 70
- The dangers of surgery in uncontrolled haemorrhagic thrombocythaemia. Ravich RB, et al.  
*Med J Aust* 1:704-8, 4 Apr 70
- Association between chloramphenicol, hypoplastic anemia and acute myeloblastic leukemia: a case report. Edwards LD.  
*Milit Med* 134:1447-9, Nov 69
- Magnetic fields and the number of blood platelets. Barnothy MF, et al.  
*Nature (London)* 225:1146-7, 21 Mar 70
- Growth rate in vivo of platelet thrombi, produced by iontophoresis of ADP, as a function of mean blood flow velocity. Begent N, et al.  
*Nature (London)* 227:926-30, 29 Aug 70
- Sulphydryl groups on the surface of intact Ehrlich ascites tumour cells, human blood platelets and lymphocytes. Mehrishi JN, et al.  
*Nature (London)* 224:563-4, 8 Nov 69
- Platelet adhesion in rabbit arteries observed by scanning and transmission electron microscopy. Sheppard BL, et al.  
*Nature (London)* 225:1054-5, 14 Mar 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Baldini MG, et al.  
*New Eng J Med* 283:877, 15 Oct 70
- The clinical challenge of disseminated intravascular coagulation. Deykin D.  
*New Eng J Med* 283:636-44, 17 Sep 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Hadden JW, et al.  
*New Eng J Med* 283:876-7, 15 Oct 70
- Platelet production. Harker LA.  
*New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)
- Muramidase studies in Philadelphia-chromosome-positive and chromosome-negative chronic granulocytic leukemia. Perillie PE, et al.  
*New Eng J Med* 283:456-9, 27 Aug 70
- Aspirin, platelets and hemostasis. Quick AJ.  
*New Eng J Med* 283:598, 10 Sep 70
- Leukopoietic activity in human urine. The granulocytic leukemias. Robinson WA, et al.  
*New Eng J Med* 282:1291-7, 4 Jun 70
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al.  
*New Eng J Med* 283:383-90, 20 Aug 70
- Aspirin, platelets and hemostasis. Weiss HJ.  
*New Eng J Med* 283:597, 10 Sep 70
- Platelet transfusion. The selection of compatible platelet donors for refractory patients by lymphocyte HL-A typing. Yankee RA, et al.  
*New Eng J Med* 281:1208-12, 27 Nov 69
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al.  
*Obstet Gynec* 35:690-4, May 70
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
*Obstet Gynec* 35:69-74, Jan 70
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipinski B, et al.  
*Path Microbiol (Basel)* 34:295-304, 1969
- Urinary aminimidazolecarboxamide levels in children with acute leukemia. Lulinski G, et al.  
*Pediatrics* 45:983-95, Jun 70
- The influence of the platelet count on the incidence of thrombotic and haemorrhagic complications in polycythemia vera. Dawson AA, et al.  
*Postgrad Med J* 46:76-8, Feb 70
- Progress in blood transfusion and immuno-haematology. Zoutendyk A.  
*Proc Mine Med Officers Ass* 48:1-4, May-Jul 69
- Glanzmann's thrombasthenia and pregnancy. Payne PR.  
*Proc Roy Soc Med* 63:56-7, Jan 70
- Idiopathic thrombocytopenic purpura and Kaposi's sarcoma. Turnbull A, et al.  
*Proc Roy Soc Med* 63:603-5, Jun 70
- Demonstration of a circulating factor regulating blood platelet production using 35S-sulfate in rats and mice. Cooper GW, et al.  
*Proc Soc Exp Biol Med* 134:1123-7, Sep 70
- The effect of endotoxins on frog blood and survival time at several ambient temperatures. Sonnen N.  
*Proc Soc Exp Biol Med* 134:773-5, Jul 70
- A technique for estimation of platelet-collagen adhesion. Spaet TH, et al.  
*Proc Soc Exp Biol Med* 132:1038-41, Dec 69



- Ultrastructure of the pulmonary microcirculation in experimental streptococcal bacteraemia. Stehbins WE, et al. *Quart J Exp Physiol* 54:432-41, Oct 69
- Ultrastructure of the renal papilla in experimentally induced analgesic nephritis in rats. Abrahams C, et al. *S Afr Med J* 44:63-5, 17 Jan 70
- Haemostatic studies during clinical pig liver perfusion. Possible complication of intravascular coagulation. Flatmark A, et al. *Scand J Gastroent* 5:315-9, 1970
- Platelet enumeration in rabbits. Gruner OP. *Scand J Haemat* 7:157-62, 1970
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. *Scand J Haemat* 8:377-85, 1969
- Modern approaches to the radiotherapy of lymphoma. Johnson RE. *Seminars Hemat* 6:357-75, Oct 69 (37 ref.)
- Bone marrow megakaryocyte system and plasma thrombopoietic activity in x-ray irradiated mice with and without partial shielding. Krizsa F, et al. *Strahlentherapie* 137:712-7, Jun 69
- Microcrystalline collagen as a biologic dressing, vascular prosthesis, and hemostatic agent. Halt MR, et al. *Surg Forum* 20:51-3, 1969
- Prevention of fatal pulmonary embolism. Atik M, et al. *Surg Gynec Obstet* 130:403-13, Mar 70
- The comparative in vitro and in vivo activity of antilymphocyte serum raised by immunization with thymic, splenic, and lymph node lymphocytes. Ono K, et al. *Surgery* 66:698-703, Oct 69
- Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al. *Texas Rep Biol Med* 27:955-61, Winter 69
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- The role of endotoxin in disseminated intravascular coagulation. Beller FK. *Thromb Diath Haemorrh* 36:Suppl 36:125+, 1969
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:333+, 1969
- Pre- and postoperative platelet adhesiveness in pheochromocytoma. Danta G. *Thromb Diath Haemorrh* 23:189-90, 28 Feb 70
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoma and with acute myelomonocytic leukemia. Didisheim P, et al. *Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969
- Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. Engelberg H. *Thromb Diath Haemorrh* 22:344-50, 15 Nov 69
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- Consumption coagulopathy in liver cirrhosis. Horder MH. *Thromb Diath Haemorrh* 36:Suppl 36:313-8, 1969
- Intravascular coagulation and arterial disease. Kazmier FJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:295+, 1969
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- The interaction of platelets with polymer surfaces. I. Uncharged hydrophobic polymer surfaces. Lyman DJ, et al. *Thromb Diath Haemorrh* 23:120-8, 28 Feb 70
- Tissue damage in disseminated intravascular coagulation--mechanisms of localization of thrombi in the microcirculation. McKay DG. *Thromb Diath Haemorrh* 36:Suppl 36:67-81, 1969
- The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al. *Thromb Diath Haemorrh* 36:Suppl 36:151+, 1969
- Platelets in rheumatoid arthritis. Pazdur J, et al. *Thromb Diath Haemorrh* 23:276-85, 1970
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al. *Thromb Diath Haemorrh* 36:Suppl 36:99+, 1969
- Production of the Sanarelli-Schwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F. *Thromb Diath Haemorrh* 36:Suppl 36:63-5, 1969
- Studies of platelet aggregation, plasma adenosine diphosphate breakdown and blood coagulation in magnesium deficient calves and rats. Stevenson MM, et al. *Thromb Diath Haemorrh* 23:299-305, 1970
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al. *Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruek S, et al. *Thromb Diath Haemorrh* 36:Suppl 36:319+, 1969
- A method for automatic recording of the osmotic fragility of blood platelets. Zahavi J, et al. *Thromb Diath Haemorrh* 23:182-8, 28 Feb 70
- Inconsequentiality of surface properties for initial platelet adhesion. Friedman LI, et al. *Trans Amer Soc Artif Intern Organs* 16:63-73, 1970
- The incidence of retinal haemorrhages in severe anaemia. Foster RM. *Trans Roy Soc Trop Med Hyg* 64:99-101, 1970
- Fibrinogen titre, fibrinolysis and platelet stickiness correlated with capillary bleeding or block in the skin. Kurban AK, et al. *Trans St John Hosp Derm Soc* 55:218-22, 1969
- Safety and long-term effects of plasmapheresis. Cohen MA, et al. *Transfusion* 10:58-66, Mar-Apr 70
- Pooled platelet concentrates prepared in a new blood bank centrifuge. Miller WV, et al. *Transfusion* 9:251-4, Sep-Oct 69
- Circulation of concentrated one-day-old platelets in vivo. Roy A, et al. *Transfusion* 10:52-7, Mar-Apr 70
- Rapid method for separation of blood cells. Tellez A, et al. *Transfusion* 10:223-5, Jul-Aug 70
- The sudden rise in platelets and reticulocytes in sickle cell crises. Sar A van der. *Trop Geogr Med* 22:30-40, Mar 70
- Evaluation of stroma free hemoglobin solution: effects on renal function in cynomolgus monkeys. Rep No 838. Birndorf NI, et al. *US Army Med Res Lab* 1-13, 20 Nov 69
- Thrombocytopenia and its relationship to sporadic idiopathic epistaxis in thoroughbreds. Franco DA. *Vet Med* 64:1071-2, Dec 69
- The effect of storage on adhesion and aggregation of platelets. Shively JA, et al. *Vox Sang* 18:204-15, Mar 70
- [Experience with stomatologic therapy in 27 hemophiliacs] Kominek J, et al. *Cesk Pediat* 25:239-41, May 70 (Cze)
- [Method for microscopic counting of thrombocytes and leukocytes, with special emphasis on the use of capillary blood] Norgaard-Pedersen B, et al. *Ugeskr Laeg* 132:1228-32, 25 Jun 70 (Dan)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. *Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Blood and fractionation of blood] Soeterboek AM. *Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)
- [The separation of blood cells] Cartier P, et al. *Ann Biol Clin (Paris)* 27:134-57, Mar-Apr 69 (112 ref.) (Fre)
- [Isolation of marked elements of blood. (Application to a sample of 10 ml of human blood)] Pinot C, et al. *Ann Biol Clin (Paris)* 28:85-8, 1970 (Fre)
- [Unprecedented phenomena of lympho-platelet adhesion] Hamburger J. *C R Acad Sci [D] (Paris)* 207:740-1, 2 Feb 70 (Fre)
- [Demonstration of a compound of low molecular weight associated with 5-hydroxytryptamine-3H in rat brain] Jouan P, et al. *C R Acad Sci [D] (Paris)* 271:244-7, 15 Jul 70 (Fre)
- [Study of the evolution of the blood cell count and blood picture of the BALB-c mouse during the first months of life] Fournon S, et al. *C R Soc Biol (Paris)* 164:161-5, 1970 (Fre)
- [Globular and plasmatic glycemia] Korève V, et al. *Diabete* 17:230-1, Jul-Sep 69 (Fre)
- [Bibliographic note: serotonin and normal platelets in adult man] Dechavanne M. *Lyon Med* 223:1073, 24 May 70 (Fre)
- [Multiple autoantibodies in the course of Hodgkin's disease: interpretation of erythroblastopenia] Guerra L, et al. *Nouv Rev Franc Hemat* 9:601-10, Sep-Oct 69 (Fre)
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Thrombopathy in the course of benzene-induced leukemia] Inceman S, et al. *Nouv Rev Franc Hemat* 9:573-4, Jul-Aug 69 (Fre)



- [Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al. *Nouv Rev Franc Hemat* 9:575-7, Jul-Aug 69 (Fre)
- [Hope of life in acute leukemia] Bernard J. *Presse Med* 78:251, 31 Jan 70 (Fre)
- [Refractory anemia with excess myeloblasts in the bone marrow. Study of 11 cases] Dreyfus B, et al. *Presse Med* 78:359-64, 14 Feb 70 (Fre)
- [Very long complete remissions of acute leukemia. 65 cases of acute leukemia that lasted longer than 4 years] Jacquillat C, et al. *Presse Med* 78:253-6, 31 Jan 70 (Fre)
- [Pills and thrombosis (platelets, estrogens and magnesium)] Durlach J. *Rev Franc Endocr Clin* 11:45-54, Jan-Feb 70 (Fre)
- [Demonstration of anti-platelet antibodies: study of 15,000 serums. Preliminary communication] Battaglini P, et al. *Rev Franc Transfus* 12:Suppl:421-2, 1969 (Fre)
- [Experiences with platelet transfusions in Lyons] Chataing B, et al. *Rev Franc Transfus* 12:Suppl:423-6, 1969 (Fre)
- [Neonatal thrombopenia and hemolytic disease of the newborn due to Rh incompatibility] Malinvaud G, et al. *Rev Franc Transfus* 12:Suppl:277-90, 1969 (Fre)
- [Electrokinetic effects in the blood suspension. I. Elementary theoretical aspects. Modifications during preservation. Study on the isoelectric point for erythrocytes and blood platelets] Stoltz JF, et al. *Rev Franc Transfus* 12:409-21, Dec 69 (Fre)
- [Phlebothrombosis and magnesium] Dupont B, et al. *Sem Hop Paris* 45:3048-54, 26 Nov 69 (Fre)
- [Variations in the numbers of thrombocytes and leukocytes in cirrhotic patients with portacaval shunt] Karády G, et al. *Acta Chir Acad Sci Hung* 10:325-9, 1969 (Ger)
- [Clinical experiences with oral antidiabetic HB 419 (glibencamide)] Schöffling K, et al. *Arzneimittelforschung* 19:Suppl:1439-45, Aug 69 (Ger)
- [The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al. *Bibl Haemat* 32:292-7, 1969 (Ger)
- [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)
- [On the formation of thrombocyte aggregates in preserved blood and the hazards of blood transfusion caused by this condition] Neuhof H, et al. *Bibl Haemat* 32:288-91, 1969 (Ger)
- [Determination of thrombocyte survival time with <sup>51</sup>Cr. II. Studies on the survival time of autologous thrombocytes in patients with pronounced thrombopenia] Adam W, et al. *Blut* 21:9-19, Jul 70 (Ger)
- [The modification of experimental bone marrow fibrosis after repeated administration of foreign proteins by antiphlogistics and prednisolone acetate] Cohrs U, et al. *Blut* 19:394-404, Oct 69 (Ger)
- [Late results of radiophosphorus therapy in polycythemia vera] Höfer R, et al. *Blut* 20:237-41, Apr 70 (Ger)
- [Diploid megakaryoblasts, promegakaryocytes and megakaryocytes in severe hemopathies, a retrospection into phylogenesis] Undritz E, et al. *Blut* 20:242-9, Apr 70 (Ger)
- [Blood coagulation disorders due to fractures] Schulz W, et al. *Bruns Beitr Klin Chir* 218:136-44, Apr 70 (Ger)
- [Consumption coagulopathy] Holzknecht F. *Deutsch Med Wschr* 95:1275-7, 5 Jun 70 (Ger)
- [Clinical picture and pathogenesis of osteomyelosclerosis] Müller D. *Deutsch Med Wschr* 95:643-8, 20 Mar 70 (73 ref.) (Ger)
- [Immature-cell myelosis in 2 sisters] Oberschulte-Beckmann D, et al. *Deutsch Med Wschr* 95:623-6 passim, 20 Mar 70 (Ger)
- [Measurements of thrombocytes survival time and surface activity in patients suffering from thrombocytopenic purpura] Seidl S, et al. *Deutsch Med Wschr* 95:266 passim, 6 Feb 70 (Ger)
- [Problems of acute erythroblastosis in the adult (Di-Guglielmo's disease)] Waechter R von, et al. *Deutsch Med Wschr* 94:2421-4 passim, 21 Nov 69 (Ger)
- [Standardization of the thromboplastin generation test for the determination of antihemophilic globulin A (VIII) and B (IX)] Bergmann A. *Folia Haemat (Leipzig)* 93:376-80, 1970 (Ger)
- [Cytostatic therapy of chronic myelosis and polycythemia vera with myelobromol (dibrommannitol)] Helbig W, et al. *Folia Haemat (Leipzig)* 92:182-96, 1969 (Ger)
- [Collagen and thrombocytes] Perllick E. *Folia Haemat (Leipzig)* 92:533-5, 1969 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perllick E. *Folia Haemat (Leipzig)* 93:300-15, 1970 (Ger)
- [Preparation and conservation of platelet concentrates] Stein P, et al. *Folia Haemat (Leipzig)* 92:577-81, 1969 (Ger)
- [Preparation and therapeutic use of platelet concentrates] Wegner H, et al. *Folia Haemat (Leipzig)* 92:582-7, 1969 (Ger)
- [Thrombaggutination tests in patients with arteriosclerosis and hypertonia] Atanassov K. *Folia Med (Plovdiv)* 11:195-9, 1969 (Ger)
- [Specific hemotherapy] Stich W. *Internist (Berlin)* 10:52-8, Feb 69 (69 ref.) (Ger)
- [Pathogenesis of arterial occlusive diseases. 3. A model for the study of the pathogenesis of cryoangitis] Frost H, et al. *Klin Wschr* 47:507-10, 15 May 69 (Ger)
- [Physiopathological principles of prevention and therapy of pulmonary embolism] Sandritter W. *Langenbecks Arch Chir* 325:1043-52, 1969 (Ger)
- [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. *Med Klin* 65:443-50, 6 Mar 70 (Ger)
- [2 patients with congenital factor XIII deficiency. Contribution to the problem of factor XIII determination] Egbring R, et al. *Thromb Diath Haemorrh* 23:313-39, 1970 (Ger)
- [The pathogenesis of obliterating arterial processes in hypercholesterolemia] Frost H. *Thromb Diath Haemorrh* 22:351-9, 15 Nov 69 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. *Thromb Diath Haemorrh* 22:552-68, 31 Dec 69 (Ger)
- [Electron microscopic studies on cell escape into bone marrow sinusoids] Ebert W. *Verh Anat Ges* 63:249-58, 1969 (Ger)
- [Electron-microscopic studies on the organization of arterial thrombi] Jurukova Z, et al. *Virchow Arch (Path Anat)* 349:368-81, 1970 (Ger)
- [Behavior of thrombocyte aggregation in liver cirrhosis] Tilz GP, et al. *Wien Z Inn Med* 51:1-6, 1970 (Ger)
- [Thrombocytokinetics in patients with hematologic diseases] Schulz K, et al. *Z Ges Inn Med* 24:614-20, 15 Sep 69 (Ger)
- [Physiopathology of the initial effect of bacterial endotoxins] Urbaschek B. *Zbl Bakt [Orig]* 212:537-44, 1970 (Ger)
- [Description of an apparatus for the study in vitro of blood platelet aggregation] Bologna E. *Boll Soc Ital Biol Sper* 45:1025-6, 15 Aug 69 (Ita)
- [Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al. *G Clin Med* 50:684-98, Aug 69 (Ita)
- [Analysis of antifibrinolytic activity of blood platelets] Abe T. *Acta Haemat Jap* 32:38-44, Feb 69 (Jap)
- [A comparative study of the effects of x-ray and cyclophosphamide (endoxan) on the hematopoietic tissue in mice] Ito T, et al. *Acta Haemat Jap* 31:1082-104, Nov 68 (Jap)
- [The effect of the collagen and the aorta extract on the platelet aggregation] Matsuoka M. *Acta Haemat Jap* 32:52-7, Feb 69 (Jap)
- [Ultrastructure of blood platelets in various hematologic disorders] Miyagawa K, et al. *Acta Haemat Jap* 32:64-71, Feb 69 (Jap)
- [Studies on the blood platelets: an information on platelet formation] Morita H, et al. *Acta Haemat Jap* 32:7-13, Feb 69 (Jap)
- [Studies on platelets and interaction with particular reference to the interaction of influenza virus with blood platelets] Terada H. *Acta Haemat Jap* 32:45-51, Feb 69 (Jap)
- [A histometrical and histopathological study on the spleen in immunohematological diseases] Tsunakawa S. *Acta Haemat Jap* 31:1066-81, Nov 68 (Jap)
- [A platelet aggregometer] Kono Y, et al. *Jap J Clin Path* 17:943-6, Dec 69 (Jap)
- [Hyperlipemia and platelet aggregation] Ukita M, et al. *Jap J Clin Path* 18:271-4, Apr 70 (Jap)
- [Thrombopenia] Morita H. *Nanka* 25:1216-9, Jun 70 (Jap)
- [Effect of splenectomy on surgical blood incompetency] Sunada T, et al. *Surg Ther (Osaka)* 21:261-70, Sep 69 (Jap)
- [Platelet transfusion] Abrahamsen AF. *T Norsk Laegeforen* 89:1577-9, 15 Oct 69 (Nor)



# SUBJECT SECTION

## BLOOD

- [Azathioprine in thrombocytopenic purpura] Folling M, et al. *T Norsk Laegeforen* 89:1575-6, 15 Oct 69 (Nor)
- [Do you perform thrombocyte counts in patients with virus diseases?] Grotum KA. *T Norsk Laegeforen* 90:701-3, 1 Apr 70 (Nor)
- [The role of blood platelets in hemorrhagic diathesis in the course of scurvy in guinea pigs] Poplawska A, et al. *Acta Physiol Pol* 21:363-9, May-Jun 70 (Pol)
- [Blood clotting and fibrinolysis in mucoviscidosis in adults] Dzielowska M, et al. *Pol Arch Med Wewnet* 43:1453-8, Oct 69 (Pol)
- [Clinical condition of patients with Hodgkin's disease and the mitotic index in the culture of white blood cells stimulated by phytohemagglutinin] Plużńska A. *Pol Arch Med Wewnet* 43:1489-94, Oct 69 (Pol)
- [Blood platelets adhesiveness in coronary disease and myocardial infarction] Rymaszewski Z, et al. *Pol Arch Med Wewnet* 43:1265-9, Sep 69 (Pol)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al. *Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Adhesiveness and aggregation of platelets in diabetes mellitus] Chmielewski J. *Pol Tyg Lek* 25:246-8, 16 Feb 70 (Pol)
- [Treatment of medullary hypoplastic and aplastic conditions by biological substances] Blicharski J, et al. *Przegl Lek* 26:318-21, 1970 (Pol)
- [Determination of the volume of blood platelets in normal mice] Rojas RB, et al. *Hospital (Rio)* 75:2115-7, Jun 69 (Por)
- [Research on experimental atherosclerosis in rats. Correlations between the biochemical-humoral changes and morphological and vascular changes] Gavrilescu M, et al. *Med Intern (Bucur)* 20:719-28, Jun 68 (Rum)
- [Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al. *Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)
- [Platelet adhesiveness. Technic for testing in vitro] Ionăşescu R. *Med Intern (Bucur)* 22:761-4, Jun 70 (Rum)
- [Study of platelet adhesiveness in atherosclerosis] Teodorescu P, et al. *Med Intern (Bucur)* 22:705-12, Jun 70 (Rum)
- [Euglobulin lysis time and thrombocyte adhesiveness in young obese subjects] Popescu TA, et al. *Stud Cercet Med Intern* 10:161-6, 1969 (Rum)
- [Contribution to the diagnostic and prognostic value of tests for blood lipid disorders, coagulation disorders and thrombocyte adhesiveness in cerebral vascular disorders] Popoviciu L, et al. *Stud Cercet Neurol* 14:57-65, 1969 (Rum)
- [Adhesive properties of thrombocytes in patients with arteriosclerosis] Nikitin IuP, et al. *Kardiologia* 10:108-10, May 70 (Rus)
- [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al. *Lab Delo* 2:71-7, 1970 (30 ref.) (Rus)
- [Accuracy of calculating thrombocytes by 2 different methods] Muskhin LS, et al. *Lab Delo* 2:112-3, 1970 (Rus)
- [Increased accuracy in the calculation of thrombocytes in peripheral blood] Odesskaia TA, et al. *Lab Delo* 2:78-9, 1970 (Rus)
- [The interrelation between the morphology and adhesion of the thrombocytes of myocardial infarct patients] Pavlishchuk SA, et al. *Lab Delo* 8:465-8, 1969 (Rus)
- [Possibilities of mathematical calculation of the lifespan of blood platelets] Piskunov ON. *Lab Delo* 1:18-20, 1970 (Rus)
- [The kinetics of the pinching off of thrombocytes from megakaryocytes] Piskunov ON. *Lab Delo* 10:632-3, 1969 (Rus)
- [Indices of hemostasis in radiotherapy of cancer of the lung] Strashinin AI, et al. *Med Radiol (Moskva)* 15:6-8, Mar 70 (Rus)
- [Effect of orotic acid on thrombocytopoiesis in massive acute hemorrhage in guinea pigs] Ivanova RK. *Pat Fiziol Eksp Ter* 13:71-2, Mar-Apr 69 (Rus)
- [Separate obtaining of blood components and their preservation] Aronova ER, et al. *Probl Gemat* 13:56-7, Jan 68 (Rus)
- [Current status of the problem of blood system change in chronic benzol poisoning (literature review)] Magagina GE. *Probl Gemat* 12:45-9, Feb 67 (Rus)
- [Role of beta-lipoproteinemia in the development of nonspecific agglutination (aggregation) of thrombocytes] Martynov Sm, et al. *Probl Gemat* 14:24-8, Oct 69 (Rus)
- [Study of peculiarities of hemostasis in women hemophilia carriers] Papalan LP, et al. *Probl Gemat* 13:24-9, Jan 68 (Rus)
- [Kinetics of the megakaryocyte-thrombocyte system] Piskunov ON. *Probl Gemat* 14:50-6, Nov 69 (Rus)
- [Ultrastructure and functional properties of the blood platelets in hemorrhagic thrombocythemia] Totalska AA, et al. *Probl Gemat* 13:15-21, Jan 68 (Rus)
- [Study of morphology and some biochemical indices of preserved blood by different prescriptions of donor blood under condition of its circulation in the apparatus for artificial circulation] Vonograd-Finkel' FR, et al. *Probl Gemat* 13:59-61, Sep 68 (Rus)
- [Electron microscopy of thrombocytes in acute leukemia] Matvienko LA. *Sovet Med* 32:23-7, Dec 69 (Rus)
- [Study of the functional characteristics of thrombocytes of lung cancer patients with the "ERM-1" apparatus] Koblov LF. *Vop Onkol* 15:98-9, 1969 (Rus)
- [Optimal vitamin A requirement of the organism] Dobronravova NP, et al. *Vop Fitn* 28:51-4, Nov-Dec 69 (Rus)
- [On the pathogenesis and clinical picture of cerebral circulatory disorders in acute leukemia in children] Badalian LO, et al. *Zh Nevropat Psikhiat Korsakov* 69:1456-63, 1969 (Rus)
- [Platelet adhesiveness] Ruggiero HA, et al. *Prensa Med Argent* 56:1411-5, Sep 69 (Spa)
- [Thrombocytosis and rheumatic arthritis] Hedfalk L. *Lakartidningen* 66:5263-6, 10 Dec 69 (Swe)
- [Study of thrombocytochemistry in patients with chronic myeloid leukemia] Rolović Z, et al. *Acta Med Iugosl* 23:75-9, 1969 (Cro)

### ANALYSIS

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T. *Acta Chir Scand* 135:653-62, 1969
- Factor XIII (fibrin-stabilizing factor) and platelets. I. Study of the association of factor XIII with blood platelets. Rolović Z. *Acta Med Iugosl* 22:113-23, 1968
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. *Acta Obstet Gynec Scand* 48:392-404, 1969
- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:405-15, 1969
- Studies on the quantitation of the lymphocyte response in vitro. A family study. Sorensen SF, et al. *Acta Path Microbiol Scand* 77:117-33, 1969
- Electrocardiographic and hematological changes by exercise test in coronary patients and pyridinolcarbamate pretreatment. A double-blind crossover trial. Yamazaki H, et al. *Amer Heart J* 79:640-7, May 70
- Liver glycogenosis and phosphorylase kinase deficiency. Hug G, et al. *Amer J Hum Genet* 22:484, Jul 70
- Diagnostic laparotomy and splenectomy for staging Hodgkin's disease. Lowenbraun S, et al. *Ann Intern Med* 72:655-63, May 70
- Effect of nifedazole on erythropoiesis of Congolese treated for schistosomiasis and amoebiasis. Sonnet J, et al. *Ann NY Acad Sci* 160:786-98, 6 Oct 69
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. *Arch Int Pharmacodyn* 181:153-69, Sep 69
- Intravascular coagulation associated with pneumococcal bacteremia and symmetrical peripheral gangrene. Stossel TP, et al. *Arch Intern Med (Chicago)* 125:876-8, May 70
- Glycogen in human blood platelets. Isolation by ultracentrifugation and characteristics of the isolated particles. Scott RB, et al. *Blood* 35:517-32, Apr 70
- Comparison of phospholipid and fatty acid composition of human erythrocytes and platelets. Cohen P, et al. *Brit J Haemat* 17:359-71, Oct 69
- Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of



- screening tests of clot solubility. Dvilansky A, et al. *Brit J Haemat* 18:399-410, Apr 70
- Heterogeneity of human platelets. 3. Glycogen metabolism in platelets of different sizes. Karparkin S, et al. *Brit J Haemat* 19:135-43, Aug 70
- Studies on platelet 5-hydroxytryptamine in East Africans. Crawford MA, et al. *Brit J Nutr* 24:385-92, Jun 70
- Removal of endogenous and exogenous toxins by a microencapsulated absorbent. Chang TM. *Canad J Physiol Pharmacol* 47:1043-5, Dec 69
- Relationship between fatty-acid composition of platelets and platelet aggregation in rat and man. Relation to thrombosis. Renaud S, et al. *Circ Res* 26:553-64, May 70
- Determination of platelet serotonin by a fluorimetric method. Small NA, et al. *Clin Chim Acta* 27:171-5, Jan 70
- Thrombosthenin M. Purification and interaction with thrombin. Cohen I, et al. *Europ J Biochem* 10:388-94, Sep 69
- Positively charged amino groups on the surface of normal and cancer cells. Mehrishi JN. *Europ J Cancer* 6:127-37, Apr 70
- Platelet factor 3 availability in Glanzmann's disease. Inceman S, et al. *Israel J Med Sci* 5:1259-62, Nov-Dec 69
- Increased vascular permeability produced by human platelet granule cationic extract. Nachman RL, et al. *J Clin Invest* 49:274-81, Feb 70
- Ultrastructural localization of acid mucosubstance and antimonate-precipitable cation in human and rabbit platelets and megakaryocytes. Spicer SS, et al. *J Histochem Cytochem* 17:781-92, Dec 69
- Studies on lipid peroxides in platelets. I. Method of assay and effect of storage. Okuma M, et al. *J Lab Clin Med* 75:283-96, Feb 70
- The labeling of dicarboxylic amino acids and their amides by glucose and acetate in human platelets. Puszkun E, et al. *J Lab Clin Med* 75:234-43, Feb 70
- Further physiological observations during induced basilar artery spasm in cats and dogs. Staskowski J, et al. *J Surg Res* 10:47-53, Jan 70
- Platelet-serotonin in uraemia. Kamoun P, et al. *Lancet* 1:782, 11 Apr 70
- Cyclic 3',5'-adenosine monophosphate in human blood platelets. Salzman EW, et al. *Nature (London)* 224:609-10, 8 Nov 69
- A simultaneous modification of A agglutinin of erythrocytes and loss of specific platelet antigens in a patient with gall bladder carcinoma. Májský A, et al. *Neoplasma (Bratisl)* 16:297-301, Jun 69
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Subcellular localization of human platelet phospholipids and their fatty acid and aldehyde composition. Nordøy A, et al. *Scand J Clin Lab Invest* 23:169-74, Apr 69
- Subcellular particles of human platelets. A biochemical and electron microscopic study with particular reference to the influence of fractionation techniques. Day HJ, et al. *Scand J Haemat Suppl* 7:3-35, 1969
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. *Scand J Haemat Suppl* 5:5-97, 1969
- The use of <sup>75</sup>Se-methionin for the in vivo study of platelet kinetics. Najean Y, et al. *Scand J Haemat* 6:395-401, 1969
- Intravascular coagulation—reality or myth? Attar S, et al. *Surgery* 68:27-33, Jul 70
- Thrombosthenin—electron microscopical studies on its localization in human blood platelets and some properties of its subunits. Bettex-Galland M, et al. *Thromb Diath Haemorrh* 22:431-49, 31 Dec 69
- Have the platelet antiheparin and antipiasmin activities the same support? Moriau M. *Thromb Diath Haemorrh* 22:403-7, 15 Nov 69
- Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. *Thromb Diath Haemorrh* 23:423-31, 30 Jun 70
- L-dopa reversal of muscular spasm, vomiting and insomnia in a patient with an atypical form of familial dystonia. Coleman MP, et al. *Trans Amer Neurol Ass* 94:91-5, 1969
- [Intravascular coagulation in toxemia and eclampsia] Smorenberg-Schoorl ME, et al.
- Nederl T Verloosk 70:140-54, Apr 70 (Dut)
- [Blood coagulation in experimental shock] Mazak J, et al. *J Chir (Paris)* 98:247-53, Sep 69 (Fre)
- [Bibliographic note: serotonin and normal platelets in adult man] Dechavanne M. *Lyon Med* 223:1073, 24 May 70 (Fre)
- [Thrombosthenin. Its role in hemostasis] Lurie EF. *Nouv Rev Franc Hemat* 9:506-12, Jul-Aug (Fre)
- [Cytochemical study of lactic acid in leukocytes] Plette M, et al.
- Nouv Rev Franc Hemat* 9:688-96, Sep-Oct 69 (Fre)
- [Functional platelet insufficiency in infants and children. 7 cases] Poullaud JM, et al. *Pediatric* 24:973-82, Dec 69 (Fre)
- [Determination of biogenic amines in animal and human skin as well as tumors by a thin-layer chromatographic method (Seller technic). 3. 5-Hydroxytryptamine (serotonin)] Stüttgen G, et al. *Arch Klin Exp Derm* 235:1-8, 1969 (Ger)
- [Isolation of thrombocytes from small blood volumes] Barthelmal W. *Klin Wschr* 47:266-70, 1 Mar 69 (Ger)
- [Experience with automatic amino acid analysis in ultra micro range] Linneweh F, et al. *Klin Wschr* 47:971-5, 15 Sep 69 (Ger)
- [Isolation and characterization of the fibrin stabilizing factor from human thrombocytes] Bohn H. *Thromb Diath Haemorrh* 23:455-68, 30 Jun 70 (Ger)
- [Effect of lithium on cerebral and platelet serotonin] Andreoli VM, et al.
- Boll Soc Ital Biol Sper* 44:1904-6, 30 Nov 68 (Ita)
- [Phylogenetic studies on blood platelets—comparative physiology of spindle cells] Kimura E. *Acta Haemat Jap* 32:1-6, Feb 69 (Jap)
- [Fatty acid composition of human blood platelets] Notomi A, et al. *Jap J Clin Path* 17:753-8, Oct 69 (Jap)
- [Effect of thrombin on the distribution of adenine nucleotides in washed thrombocytes of rats] Zivković RV, et al. *Acta Med Ingosl* 24:27-33, 1970 (Cro)

## CYTOLOGY

- Surface structure of normal human platelets. Larrimer NR, et al. *Amer J Med Sci* 259:242-56, Apr 70
- Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al. *Amer J Path* 57:127-52, Oct 69
- Ultrastructural study of the effect of aspirin on in vitro platelet-collagen interaction and platelet adhesion to injured intima in the rabbit. Ts'ao CH. *Amer J Path* 59:327-46, May 70
- Electron microscopy of bleeder swine platelets. Kahn RA, et al. *Amer J Vet Res* 31:679-84, Apr 70
- Electron microscopy of human platelet aggregates formed in vitro with and without fibrin production. Warren BA, et al. *Angiologica (Basel)* 7:84-103, 1970
- Prevention by an anti adhesive drug of thrombosis caused by blood cell aggregation. Bicher HI, et al. *Angiology* 21:431-41, Jul 70
- Scanning electron microscopic observations on human blood platelets and their alterations induced by thrombin. Hattori A, et al. *Arch Histol Jap* 31:37-54, Nov 69
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- The pH-dependent release of monoamines from isolated platelet, enterochromaffin and dopamine cell granules in vitro. Penttilä A, et al. *Experientia* 26:296-9, 15 Mar 70
- Effect of anticoagulants on the ultrastructure of normal human platelets. Adhikari PC, et al. *Indian J Med Res* 57:2083-6, Nov 69
- Treatment of acute stroke with dextran 40. Gilroy J, et al. *JAMA* 210:293-6, 13 Oct 69
- Surface ultrastructure of platelets and thrombocytes. Clarke JA, et al. *Nature (London)* 223:401, 26 Jul 69
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)
- Subcellular particles of human platelets. A biochemical and electron microscopic study with particular reference to the influence of fractionation techniques. Day HJ, et al. *Scand J Haemat Suppl* 7:3-35, 1969
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al. *Scand J Haemat* 6:250-61, 1969



# SUBJECT SECTION

# BLOOD

- Effect of atropine on platelet structure and function. White JG. *Scand J Haemat* 6:236-45, 1969
- Changes in the ultrastructure and number of platelets induced by an adrenochrome complex. Stewart GJ. *Thromb Diath Haemorrh* 23:237-60, 1970
- A fixation-shadowing technique for electron microscopic visualization of platelets, subcellular material, and fibrin. Stewart GJ. *Thromb Diath Haemorrh* 23:228-36, 1970
- Electron microscopical demonstration of acid phosphatase in blood platelets. Bak IJ, et al. *Z Zellforsch* 96:641-8, 1969
- [The ultrastructure of blood platelets with reference to their hemostatic function] Hovig T. *Nouv Rev Franc Hemat* 9:496-506, Jul-Aug 69 (Fre)
- [Contribution of cytochemistry to comparative hematology: reptile blood] Maupin B, et al. *Nouv Rev Franc Hemat* 9:663-6, Sep-Oct 69 (Fre)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al. *Acta Haemat (Basel)* 42:303-20, 1969 (Ger)
- [The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)
- [Blood platelets preparation and evaluation] Stockinger L, et al. *Mikroskopie* 25:362-77, 1969 (Ger)
- [The effect of lipid emulsions on blood platelets. II. Light and electron microscopic studies] Morgenstern E, et al. *Thromb Diath Haemorrh* 22:525-43, 31 Dec 69 (Ger)
- [Three dimensional ultrastructure of normal human blood platelet] Kosaki G, et al. *Acta Haemat Jap* 32:14-22, Feb 69 (Jap)
- [Morphological examination of the blood platelet] Kosaki G, et al. *Jap J Clin Path* 16:Suppl 16:59-65, 1969 (Jap)
- [Ultrastructure of thrombocytes in prolonged exposure of rats to small amounts of Mn-54] Lysogorov NV, et al. *Med Radiol (Moskva)* 14:42-6, Dec 69 (Rus)
- [Morphological peculiarities of thrombocytes in acute leukemia] Nikiforova OA. *Probl Gemat* 14:33-4, Jul 69 (Rus)
- [Morphological evaluation of the thrombopoietic system in Werlhof's disease] Nikiforova OA. *Probl Gemat* 13:32-9, Apr 68 (Rus)
- [Thromboplastin formation in Waldenström's macroglobulinemia and in multiple myeloma] Zhuravlev VS, et al. *Probl Gemat* 14:27-33, Jul 69 (Rus)
- [The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C deficiency] Sushkevich GN, et al. *Vop Pitan* 28:23-7, Sep-Oct 69 (Rus)

## DRUG EFFECTS

- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al. *Acta Chir Scand* 135:569-73, 1969
- Congenital deficiency of fibrinogen in two sisters. A clinical and hematological study. Dube B, et al. *Acta Haemat (Basel)* 43:120-7, 1970
- A procoagulant from human postpartum serum. Effects of coagulation and hemodynamics in dogs. Nordström S, et al. *Acta Physiol Scand* 78:399-405, Aug 69
- Vasoactivity of adenine nucleotides released in vitro from blood cells by thrombin. Swedenborg J. *Acta Physiol Scand* 79:359-68, Jul 70
- The effect of magnesium on the aggregation of human thrombocytes induced by adrenaline. Ryšánek K, et al. *Activ Nerv Sup (Praha)* 12:258-9, 1970
- The action of hydrazine hypotensive drugs upon adrenalin and ADP induced platelet aggregation. Spánková H, et al. *Activ Nerv Sup (Praha)* 12:79-80, 12 Jan 70
- The effect of ethanol and nitroglycerin on platelet aggregation. Synek P, et al. *Activ Nerv Sup (Praha)* 12:77-8, 12 Jan 70
- Resolution of ineffective erythropoiesis of pernicious anemia and "strongly suggestive" folate lack in response to folic acid. Dudley GM 3d, et al. *Amer J Clin Nutr* 23:147-55, Feb 70
- Further studies on the platelet-inhibitory effect of guanidinosuccinic acid and its role in uremic bleeding. Horowitz HI, et al. *Amer J Med* 49:336-45, Sep 70
- The role of phenol and phenolic acids on the thrombocytopathy and defective platelet aggregation

- of patients with renal failure. Rabiner SF, et al. *Amer J Med* 49:346-51, Sep 70
- Surface structure of normal human platelets. Larrimer NR, et al. *Amer J Med Sci* 259:242-56, Apr 70
- Failure of mestranol alone or with norethynodrel to prepare for the generalized Shwartzman reaction in rats. Phillips LL, et al. *Amer J Obstet Gynec* 107:210-6, 15 May 70
- Adenine nucleotide metabolism in stored human platelets. Odake K, et al. *Amer J Path* 56:393-403, Sep 69
- Effect of adenine compounds on platelet aggregation. Packham MA, et al. *Amer J Physiol* 217:1009-17, Oct 69
- Platelet volume: effect of temperature and agents affecting platelet aggregation. Salzman EW, et al. *Amer J Physiol* 217:1330-8, Nov 69
- Effect of pH, bicarbonate, and acetazolamide and active release of cellular histamine. Tidball ME, et al. *Amer J Physiol* 218:923-8, Mar 70
- Stimulation by glucose of fatty acid synthesis in human platelets. Zieve PD, et al. *Amer J Physiol* 219:1009-13, Oct 70
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- Effect of schistosomides on bone marrow, blood cells, and coagulation. Gentilini M, et al. *Ann NY Acad Sci* 160:783-5, 6 Oct 69
- I. The hematological complications of commonly prescribed drugs. Box TR. *Appl Ther* 11:477-80, Sep 69
- The skin and the prostaglandins. Fulghum DD. *Arch Derm (Chicago)* 102:225-6, Aug 70 (16 ref.)
- Scanning electron microscopic observations on human blood platelets and their alterations induced by thrombin. Hattori A, et al. *Arch Histol Jap* 31:37-54, Nov 69
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. *Arch Int Pharmacodyn* 181:153-69, Sep 69
- Anti-thrombotic effect of an heparin-like substance (SP 54) preventing red cell and platelet aggregation. Bicher HI. *Arzneimittelforschung* 20:379-81, Mar 70
- The effect of ethanol on human platelet aggregation in vitro. Davis JW, et al. *Atherosclerosis* 11:473-7, May-Jun 70
- The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. *Bibl Haemat* 33:457-65, 1969
- The effect of dextran (Macrodex) and gelatin (Physlogel) on hemorrhagic diathesis during postirradiation thrombocytopenia in dogs. Kummer H, et al. *Bibl Haemat* 33:472-80, 1969
- Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeiffer GW, et al. *Bibl Haemat* 33:481-91, 1969
- The effect of plasma expanders on the formation of platelet-rich agglutination thrombi. Poliwoda H. *Bibl Haemat* 33:466-71, 1969
- Platelet aggregation. 3. An epinephrine induced decrease in cyclic AMP synthesis. Marquis NR, et al. *Biochem Biophys Res Commun* 39:783-9, 5 Jun 70
- Platelet aggregation. II. Adenyl cyclase, prostaglandin EI, and calcium. Vigdahl RL, et al. *Biochem Biophys Res Commun* 37:409-15, 22 Oct 69
- Inhibition of platelet energy production and release reaction by PGE<sub>1</sub>, theophylline and cAMP. Wolfe SM, et al. *Biochem Biophys Res Commun* 41:128-34, 9 Oct 70
- Uptake and metabolism of nicotinic acid by human blood platelets. Effects of structure analogs and metabolic inhibitors. Gaut ZN, et al. *Biochim Biophys Acta* 201:316-22, 24 Feb 70
- Adenine nucleotide metabolism of blood platelets. VI. Subcellular localization of nucleotide pools with different functions in the platelet release reaction. Holmsen H, et al. *Biochim Biophys Acta* 186:254-66, 1969
- Relationship between chemical structure and platelet-aggregation activity of prostaglandins. Kloeze J. *Biochim Biophys Acta* 187:285-92, 28 Oct 69
- A comparative study of the action of release inducers upon platelet release and phosphorus metabolism. Mürer EH. *Biochim Biophys Acta* 192:138-40, 7 Oct 69
- Thrombin-induced release of glycolytic intermediates from rat platelets. Zivkovic RV, et al. *Biochim Biophys Acta* 201:502-5, 24 Mar 70
- The effect of chromium on platelet function in vitro. Kattlove HE, et al. *Blood* 35:659-68, May 70
- Cyclic leukocyte oscillations in chronic myelogenous



- leukemia during hydroxyurea therapy. Kennedy BJ. *Blood* 35:751-60, Jun 70
- Glycogen in human blood platelets. Isolation by ultracentrifugation and characteristics of the isolated particles. Scott RB, et al. *Blood* 35:517-32, Apr 70
- Effects of prostaglandins, epinephrine and NaF on human leukocyte, platelet and liver adenylyl cyclase. Scott RE. *Blood* 35:514-6, Apr 70
- Aspirin ingestion compared with bleeding disorders--search for a useful platelet antiaggregant. Weiss HJ. *Blood* 35:333-40, Mar 70
- Adenosine diphosphate-induced platelet aggregation in suspensions of washed rabbit platelets. Ardlie NG, et al. *Brit J Haemat* 19:7-17, Jul 70
- Cell membrane damage, platelet stickiness and some effects of aspirin. O'Brien JR. *Brit J Haemat* 17:610-1, Dec 69
- Effect of RA233 on platelet function in vitro. Hassanein AA, et al. *Brit Med J* 2:83-6, 11 Apr 70
- Isotope bioassay for "thrombopoietin". Penington DG. *Brit Med J* 1:606-8, 7 Mar 70
- Platelet aggregation during oral contraception. Poller L, et al. *Brit Med J* 4:273-4, 1 Nov 69
- Hematological and febrile responses of rabbits to listerial hemolysins. Siddique IH, et al. *Canad J Comp Med* 33:292-6, Oct 69
- Platelet reactions and immune processes. IV. The inhibition of complement by pyrazole compounds and other inhibitors of platelet reactions. Jobin F, et al. *Canad J Microbiol* 16:63-7, Feb 70
- Prolonged low-dosage administration of hexamethylmelamine (NC 13875). Wilson WL, et al. *Cancer* 25:568-70, Mar 70
- Clinical studies with tubercidin administered after absorption into human erythrocytes. Grage TB, et al. *Cancer Res* 30:79-81, Jan 70
- Reduction of toxicity in cancer chemotherapy. Perry S. *Cancer Res* 29:2319-25, Dec 69 (57 ref.)
- Aspirin, platelets, and bleeding. Bowie EJ, et al. *Circulation* 40:757-60, Nov 69
- Aspirin, platelets, and bleeding. Bowie EJ, et al. *Circulation* 40:757-60, Dec 69
- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al. *Circulation* 42:1-21, Jul 70 (139 ref.)
- Mental changes and platelet serotonin in pellagrins. Krishnaswamy K, et al. *Clin Chim Acta* 27:301-4, Feb 70
- Effect of lysine polypeptides on the surface charge of normal and cancer cells. Mehrishi JN. *Europ J Cancer* 5:427-35, Nov 69
- 5-hydroxytryptamine releasing effect on domestic fowl thrombocytes of the alkali kidney extract and some drugs. Inouye A, et al. *Europ J Pharmacol* 8:200-3, Nov 69
- Release in vitro of 5-hydroxytryptamine from spindle cells of the domestic fowl. Sorimachi M, et al. *Europ J Pharmacol* 10:243-8, May 70
- Decreased thrombus formation in rats after chronic nicotine administration. Wenzel DG, et al. *Europ J Pharmacol* 10:143-4, Apr 70
- Accumulation of 5-hydroxydopamine in 5-HT storage organelles of cat platelets and concomitant changes in platelet aggregation. Baumgartner HR, et al. *Experientia* 25:857-9, 15 Aug 69
- Unsaturated fatty acids: platelet-serotonin releasers in tissue extract. Inouye A, et al. *Experientia* 26:308-9, 15 Mar 70
- The effect of angiotensin II on the platelet aggregation induced by adenosine diphosphate, epinephrine and thrombin. Poplawski A. *Experientia* 26:86, 15 Jan 70
- Some effects of intravenously administered dispersed fluorochemicals in animals. Sloviter HA, et al. *Fed Proc* 29:1755-7, Sep-Oct 70
- Effect of anticoagulants on the ultrastructure of normal human platelets. Adhikari PC, et al. *Indian J Med Res* 57:2083-6, Nov 69
- Agglutinating activity of phytohemagglutinin on peripheral blood cells from chickens. Sengar DP, et al. *Int Arch Allerg* 38:291-304, 1970
- The effect of modified beta-lipoproteins on adhesiveness and on aggregation of blood platelets. Farbiszewski R, et al. *J Atheroscler Res* 9:339-42, May-Jun 69
- Influence of dietary fat mixtures on platelet adhesiveness, atherosclerosis and plasma cholesterol content in rabbits. Kloeze J, et al. *J Atheroscler Res* 9:319-34, May-Jun 69
- The effect of dipyridamole on increased levels of platelet adhesiveness. Report of a controlled clinical trial. Mayne EE, et al. *J Atheroscler Res* 9:335-8, May-Jun 69
- The effect of colchicine on human platelet behaviour. Sopitt GD, et al. *J Atheroscler Res* 10:247-52, Sep-Oct 69
- Relationship of platelet retention in glass bead columns to the rate of aggregation with adenosine diphosphate and thrombin. Bloom AL, et al. *J Clin Path* 22:560-2, Sep 69
- Reduction in blood platelet size with increase in circulating numbers in the postoperative period and a comparison of the glass bead and rotating bulb methods for detecting changes in function. Enticknap JB, et al. *J Clin Path* 23:140-3, Mar 70
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al. *J Colloid Interface Sci* 31:188-95, Oct 69
- Comparison of the effects of divalent ion chelating agents on complement-mediated hemolysis in rabbit and human serum. Marney SR Jr, et al. *J Immun* 103:1044-9, Nov 69
- The effect of glucose on adenosine diphosphate-induced platelet aggregation. Kinlough-Rathbone RL, et al. *J Lab Clin Med* 75:780-7, May 70
- Platelet function studies in human beings receiving 300 mg. of aspirin per day. Stuart RK. *J Lab Clin Med* 75:463-71, Mar 70
- Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. Zucker MB, et al. *J Lab Clin Med* 76:66-75, Jul 70
- Effect of eight prostaglandins on platelet aggregation. Chandra Sekhar N. *J Med Chem* 13:39-44, Jan 70
- Structure-dependent inhibition by synthetic fibrinolytic anions of collagen-induced aggregation of human platelets. Thilo D, et al. *J Med Chem* 13:503-10, May 70
- Effects of maternal thiazides on platelet counts of newborn infants. Merenstein GB, et al. *J Pediatr* 76:766-7, May 70
- The modulation of human lymphocytes in response to phytohemagglutinin stimulation. I. Observations on the localization of PHA in leukocyte cultures utilizing fluorescein isothiocyanate-labeled PHA. Berman L, et al. *J Reticuloendothel Soc* 8:74-90, Jul 70
- Streptokinase in acute pulmonary embolism. Gurewich V, et al. *J Thorac Cardiovasc Surg* 59:655-61, May 70
- Treatment of acute stroke with dextran 40. Gilroy J, et al. *JAMA* 210:293-8, 13 Oct 69
- George McClellan (1796-1847), Philadelphia surgeon. *JAMA* 211:1692, 9 Mar 70
- The action of hemorrhagin and phospholipase derived from *Vipera palestinae* venom on the microcirculation. McKay DG, et al. *Lab Invest* 22:387-99, May 70
- Relationship between platelet aggregation and the thrombotic tendency in rats fed hyperlipemic diets. Renaud S, et al. *Lab Invest* 22:339-43, Apr 70
- Effect of oral contraceptives on lipoprotein lipase activity and platelet stickiness. Adams JH, et al. *Lancet* 2:333-5, 15 Aug 70
- Platelet-collagen reaction and bleeding syndrome. Caen JP. *Lancet* 1:568, 14 Mar 70
- Effects on platelet stickiness and fibrinolysis of phenformin combined with ethyloestrenol or stanozolol. Chakrabarti R, et al. *Lancet* 1:591-3, 21 Mar 70
- Carbenicillin in renal failure. Lurie A, et al. *Lancet* 2:422-3, 22 Aug 70
- Stimulation by lithium of monoamine uptake in human platelets. Murphy DL, et al. *Life Sci* 8:1187-93, 1 Nov 69
- Inhibition of arterial thrombosis and platelet adhesiveness in the rat by intravenous 2,4,6-trimorpholinopyrimido-(5,4-d)-pyrimidine (RA 433). Didisheim P, et al. *Mayo Clin Proc* 45:51-9, Jan 70
- Transfer of plasma lipid to platelets by action of glucagon. Caren R, et al. *Metabolism* 19:598-607, Aug 70
- Phosphate groups (receptors?) on the surface of human blood platelets. Mehrishi JN. *Nature (London)* 226:452-3, 2 May 70
- Dietary sucrose and platelet behaviour. Szanto S, et al. *Nature (London)* 225:467-8, 31 Jan 70
- A simultaneous modification of A agglutininogen of erythrocytes and loss of specific platelet antigens in a patient with gall bladder carcinoma. Májský A, et al. *Neoplasma (Bratisl)* 16:297-301, Jun 69
- Platelet antigens and chemotherapy. Májský A, et al. *Neoplasma (Bratisl)* 17:241-6, 1970



- Platelet abnormality in Wiskott-Aldrich syndrome. Baldini MG, et al. *New Eng J Med* 283:877, 15 Oct 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Hadden JW, et al. *New Eng J Med* 283:876-7, 15 Oct 70
- Lack of platelet response to stimulation in the Wiskott-Aldrich syndrome. Kuramoto A, et al. *New Eng J Med* 282:475-9, 26 Feb 70
- Use of aspirin or acetaminophen in hemophilia. Mielke CH Jr, et al. *New Eng J Med* 282:1270, 28 May 70
- Aspirin, platelets and hemostasis. Weiss HJ. *New Eng J Med* 283:597, 10 Sep 70
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)
- Long-term inhibition of platelet functions by aspirin. Atac A, et al. *Proc Soc Exp Biol Med* 133:1331-3, Apr 70
- Effect of carnitine and ergothioneine on human platelet metabolism. Kerby GP, et al. *Proc Soc Exp Biol Med* 132:435-9, Nov 69
- On the mechanism of platelet function inhibition by acetylsalicylic acid. al-Mondhiry H, et al. *Proc Soc Exp Biol Med* 133:632-6, Feb 70
- Inhibitory effect of two newer antidepressants, Lu 5-003 and Lu 3-010, on serotonin uptake in human blood platelets in vitro. Lingjaerde O Jr. *Psychopharmacologia (Berlin)* 17:94-9, 1970
- Longitudinal studies of the effect of monoamine oxidase inhibitors on sleep in man. Wyatt RJ, et al. *Psychopharmacologia (Berlin)* 15:236-44, 1969
- Modification of the phospholipids structure of platelets through the action of heparin. Aznar J. *Rev Esp Fisiol* 25:87-91, Jun 69
- Effect of phenolamine, an alpha receptor blocking agent, on epinephrine, ADP and collagen induced factor 4 release and platelet aggregation. Kubisz P, et al. *Rev Europ Etud Clin Biol* 15:429-32, Apr 70
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.
- Scand J Clin Lab Invest Suppl 107:143+, 1969
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.
- Scand J Clin Lab Invest 24:Suppl 107:143+, 1969
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al.
- Scand J Clin Lab Invest 24:383-5, Dec 69
- Effect of dipyridamole and two pyrimido-pyrimidine derivatives on the kinetics of human platelet aggregation and on platelet adhesiveness. Ellasson R, et al. *Scand J Clin Lab Invest* 24:145-51, Sep 69
- The effect of linolenic acid orally on platelet adhesiveness and fibrinogen concentration. Geill T, et al. *Scand J Clin Lab Invest* 23:255-8, May 69
- Prostaglandins in platelet aggregation. Irion E, et al. *Scand J Clin Lab Invest* 24:141-4, Sep 69
- Effects of some chemicals on blood platelet microtubules, platelet shape and some platelet functions in vitro. Behnke O.
- Scand J Haemat 7:123-40, 1970
- Mathematical correlation between ADP-induced platelet aggregation and subsequent disaggregation. A parameter for the velocity of disaggregation. Holdrinet A, et al. *Scand J Haemat* 6:354-64, 1969
- A biphasic response of platelets to serotonin. White JG. *Scand J Haemat* 7:145-51, 1970
- Effect of atropine on platelet structure and function. White JG. *Scand J Haemat* 6:236-45, 1969
- Thrombin-induced release of calcium from blood platelets. Mürer EH. *Science* 166:623, 31 Oct 69
- Pulmonary hypertension: treatment by drugs which modify intravascular aggregation. Lynch FP, et al. *Surg Forum* 20:201-3, 1969
- The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bańkowski E, et al. *Thromb Diath Haemorrh* 22:372-6, 15 Nov 69
- The role of endotoxin in disseminated intravascular coagulation. Beller FK.
- Thromb Diath Haemorrh 36:Suppl 36:125+, 1969
- Second phase platelet aggregation induced by adenosine diphosphate in patients with cerebral vascular disease and in control subjects. Danta G. *Thromb Diath Haemorrh* 23:159-69, 28 Feb 70
- Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. Grotto L, et al. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69
- Platelet reactions and immune processes. II. The inhibition of platelet aggregation by complement inhibitors. Join F, et al.
- Thromb Diath Haemorrh 22:466-81, 31 Dec 69
- Prostaglandins and platelet aggregation in vivo. II. Influence of PGE1 and PGF1 alpha on platelet thrombus formation induced by an electric stimulus in veins on the rat brain surface. Kloeze J. *Thromb Diath Haemorrh* 23:293-8, 1970
- Prostaglandins and platelet aggregation in vivo. I. Influence of PGE1 and omega-homo-PGE1 on transient thrombocytopenia and of PGE1 on the LD50 of ADP. Kloeze J.
- Thromb Diath Haemorrh 23:286-92, 1970
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG.
- Thromb Diath Haemorrh 36:Suppl 36:281+, 1969
- Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. *Thromb Diath Haemorrh* 23:423-31, 30 Jun 70
- Platelets in rheumatoid arthritis. Pazdur J, et al. *Thromb Diath Haemorrh* 23:276-85, 1970
- Species-dependent inhibition of platelet aggregation by adenosine and dipyridamole: paradoxical potentiation in the rat. Philp RB.
- Thromb Diath Haemorrh 23:129-39, 28 Feb 70
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al.
- Thromb Diath Haemorrh 36:Suppl 36:99+, 1969
- Inhibition of platelet aggregation by dialysable fibrinogen degradation products (FDP). Stachurska J, et al. *Thromb Diath Haemorrh* 23:91-8, 28 Feb 70
- Changes in the ultrastructure and number of platelets induced by an adrenochrome complex. Stewart GJ. *Thromb Diath Haemorrh* 23:237-60, 1970
- Aggregation of cat platelets in vitro. Tschopp TB. *Thromb Diath Haemorrh* 23:601-20, 30 Jun 70
- The appearance and destruction of platelet-clumping substance in serum added with trypsin. Yamazaki H, et al. *Thromb Diath Haemorrh* 23:469-76, 30 Jun 70
- Comparative study on the effect of staphylococcal alpha-toxin on erythrocytes and thrombocytes. Nosál R, et al. *Toxicol* 7:255-62, Dec 69
- The effect of storage on adhesion and aggregation of platelets. Shively JA, et al. *Vox Sang* 18:204-15, Mar 70
- [Pharmacology of blood platelet aggregation] Born GV. *Nouv Rev Franc Hemat* 9:513-4, Jul-Aug 69 (Fre)
- [Recent cytochemical studies on blood platelet glycogenolysis] Hermansky F, et al.
- Nouv Rev Franc Hemat* 9:667-9, Sep-Oct 69 (Fre)
- [Platelet aggregation in the newborn infant] Hrodek O. *Nouv Rev Franc Hemat* 9:569-73, Jul-Aug 69 (Fre)
- [Antagonistic effects of heparin and protamine sulfate on the electrophoretic mobility of blood platelets] Larcan A, et al.
- Path Biol (Paris)* 17:729-32, Aug-Sep 69 (Fre)
- [Elastinolytic activity associated with blood platelets] Robert B, et al.
- Path Biol (Paris)* 17:615-22, Jun-Jul 69 (Fre)
- [Can one measure in vitro the efficacy and toxicity of antilymphocyte serum?] Bach JF, et al.
- Presse Med* 78:535-40, 7 Mar 70 (Fre)
- [The effect of 6,7-dimethoxyisoquinoline derivatives on the function of blood platelets] Markwardt F, et al.
- Acta Biol Med German* 23:295-306, 1969 (Ger)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al.
- Acta Haemat (Basel)* 42:303-20, 1969 (Ger)
- [Effect of chelate-forming potassium-magnesium-d,l-asparaginates on thrombocyte function and blood coagulation] Ruhstrat K, et al.
- Arzneimittelforschung* 19:1566-71, Sep 69 (Ger)
- [Antagonism of circulation effect of adenosine by theophylline] Schaumann W, et al.
- Arzneimittelforschung* 20:372-7, Mar 70 (Ger)
- [On the formation of thrombocyte aggregates in preserved blood and the hazards of blood transfusion caused by this condition] Neuhof H, et al.
- Bibl Haemat* 32:288-91, 1969 (Ger)
- [Induction of phagocytosis in blood platelets and macrophages] Lüscher EF, et al.
- Bull Schweiz Akad Med Wiss* 24:423-8, Jul 69 (Ger)
- [Animal experimental studies on the hemostatic effect of isopropyl adrenochrome monosemicarbazone--Novochrome] Bach G, et al.
- Deutsch Gesundh* 24:359-63, 11 Mar 69 (Ger)
- [The effect of drugs on the amine storage function of blood platelets] Barthel W.
- Folia Haemat (Leipzig)* 92:497-509, 1969 (Ger)
- [The inhibition of thrombocyte aggregation in vitro and



- in vivo] Breddin K.  
Folia Haemat (Leipzig) 92:460-9, 1969 (Ger)  
[Platelet functions following dextran administration]  
Cronberg S.  
Folia Haemat (Leipzig) 92:491-6, 1969 (Ger)  
[Effect of various drugs on platelet aggregation and  
liberation of platelet factor 4 (anti-heparin factor)]  
Farbiszewski R, et al.  
Folia Haemat (Leipzig) 92:470-6, 1969 (Ger)  
[The behavior of various thrombocyte functions in the  
presence of different plasma substitutes] Fischer M.  
Folia Haemat (Leipzig) 92:485-90, 1969 (Ger)  
[Organ changes in healthy rabbits following long-term  
myelobromol treatments] Fliescher J, et al.  
Folia Haemat (Leipzig) 93:259-65, 1970 (Ger)  
[The effect of antifibrinolytic agents on thrombocyte  
aggregation in vitro and in vivo] Hladovec J.  
Folia Haemat (Leipzig) 92:524-8, 1969 (Ger)  
[Cytostatic therapy causing the loss of serological  
activity in thrombocytes] Májský A, et al.  
Folia Haemat (Leipzig) 93:425-34, 1970 (Ger)  
[The effect of drugs on platelet function] Markwardt F.  
Folia Haemat (Leipzig) 92:448-59, 1969 (Ger)  
[Experimental study on the effect of anticoagulants on  
thrombocyte agglutination] Merkulov MP, et al.  
Folia Haemat (Leipzig) 92:529-32, 1969 (Ger)  
[The effect on thrombocyte function of drugs used in  
polyarthritis] Pazdur J.  
Folia Haemat (Leipzig) 92:477-84, 1969 (Ger)  
[The stimulation of thrombocyte function by a new  
adrenochrome derivative] Rex JO, et al.  
Folia Haemat (Leipzig) 92:546-9, 1969 (Ger)  
[The effect of snake toxin (haemactin) on  
thrombocyte function] Rogner G, et al.  
Folia Haemat (Leipzig) 92:536-45, 1969 (Ger)  
[Thrombocyte survival during the treatment of  
essential thrombopenia] Schulz K, et al.  
Folia Haemat (Leipzig) 92:567-76, 1969 (Ger)  
[Effect of intralipid on platelet adhesiveness] Szabó R,  
et al. Folia Haemat (Leipzig) 93:435-42, 1970 (Ger)  
[The effect of various drugs in clinical use on  
thrombocyte functions] Vogel G, et al.  
Folia Haemat (Leipzig) 92:518-23, 1969 (Ger)  
[The effect of flavone derivatives on thrombocyte  
function] Zürn H.  
Folia Haemat (Leipzig) 92:550-2, 1969 (Ger)  
[Effect of Glyvenol on platelet adhesiveness and  
various coagulation parameters] Svehla C, et al.  
Int Z Klin Pharmakol Ther Toxik 2:226-8, Jul 69 (Ger)  
[Prevention of thrombosis using aspirin? Influence of  
acetylsalicylic acid on thrombocyte aggregation in  
vitro and in vivo] Scharrer I, et al.  
Klin Wschr 47:1318-24, 15 Dec 69 (Ger)  
[First observations using the scanning electron  
microscope in the early phase of endotoxin effect on  
terminal blood vessels] Urbaschek B, et al.  
Klin Wschr 47:1166-70, 1 Nov 69 (Ger)  
[Action of streptococcal mucopolysaccharide on  
thrombocytes] Rašková H, et al.  
Naunyn Schmiedeberg Arch Pharm 264:297-8, 1969 (Ger)  
[Behavior of functional, cytological and biochemical  
parameters of blood platelets in vitro under the  
influence of lipid emulsions] Weber E, et al.  
Naunyn Schmiedeberg Arch Pharm 264:322-3, 1969 (Ger)  
[Probability of a blood damage by chloramphenicol]  
Kopp H, et al.  
Osped Psichiat 37:764 passim, Jul-Sep 69 (Ger)  
[Effect of Pluronic F 68, a  
polyoxypropylenepolyoxyethylene condensate, on  
ADP-induced platelet aggregation in vitro] Benner  
KU, et al. Pflueger Arch 315:45-52, 1970 (Ger)  
[Influence of a polyoxypropylenepolyoxyethylene  
condensate (Pluronic F 68) on ADP-induced platelet  
aggregation] Benner KU, et al.  
Pflueger Arch 312:R40-1, 1969 (Ger)  
[Thrombopathy in May-Hegglin anomaly] Beck EA, et  
al. Schweiz Med Wschr 100:330-3, 14 Feb 70 (Ger)  
[Experiences with cytostatic combination therapy in  
hormone-resistant metastasizing breast cancer]  
Brunner KW.  
Schweiz Med Wschr 99:1298-303, Sep 69 (Ger)  
[Probability of a blood damage by chloramphenicol]  
Kopp H, et al.  
Ther Gegenw 108:764 passim, May 69 (Ger)  
[The effect of lipid emulsions on blood platelets. II.  
Light and electron microscopic studies] Morgenstern  
E, et al.  
Thromb Diath Haemorrh 22:525-43, 31 Dec 69 (Ger)  
[The effect of lipid emulsions on blood platelets. I.  
Increase of platelet aggregation under the influence  
of various lipid emulsions in vitro] Pfeleiderer T, et al.  
Thromb Diath Haemorrh 22:513-24, 31 Dec 69 (Ger)  
[A possible mechanism of disaggregation of  
ADP-induced aggregates by imipramin and  
structurally related compounds] Reuter H, et al.  
Thromb Diath Haemorrh 22:396-7, 15 Nov 69 (Ger)  
[The effect of lipid emulsions on blood platelets. 3.  
Behavior of ATP, glycogen and glucose consumption]  
Weber E, et al.  
Thromb Diath Haemorrh 23:99-109, 28 Feb 70 (Ger)  
[Administration of phytohemagglutinin with cytostatic  
therapy] Eggerth G, et al.  
Wien Z Inn Med 50:587-92, 1969 (Ger)  
[Functions of the spleen] Pribilla W.  
Z Ges Inn Med 24:497-500, 15 Aug 69 (Ger)  
[Classification of specific thrombocyte antigens. V.  
Effect of enzymes on platelet antigens 1a, 2a, and 3a  
(Koa)] Májský A.  
Z Immunitätsforsch 139:161-71, Feb 70 (Ger)  
[Changes of the platelet count and leukocyte count in  
rabbits treated with bis-(N-pantothenyl-amidoethyl  
disulfate)] Benvenuto G, et al.  
Boll Soc Ital Biol Sper 44:1994-7, 15 Dec 68 (Ita)  
[Effects of phenolamine on platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1033-5, 15 Aug 69 (Ita)  
[Effects of angiotensin on platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1030-3, 15 Aug 69 (Ita)  
[Effects of reserpine on the number of circulating  
platelets and platelet adhesiveness in vitro] Bologna  
E. Boll Soc Ital Biol Sper 45:1035-7, 15 Aug 69 (Ita)  
[Uric acid and ADP-induced platelet aggregation]  
Bologna E.  
Boll Soc Ital Biol Sper 45:1027-9, 15 Aug 69 (Ita)  
[Hematopoiesis and sex hormones. II. Leukopoiesis  
and platelet formation in the mouse with  
experimental diethylstilbestrol-induced Leydig cell  
tumor] Martinazzi M, et al.  
Boll Soc Ital Biol Sper 46:104-7, 15 Feb 70 (Ita)  
[Changes of the platelet count and leukocyte count in  
rabbits treated with 9-alpha-fluoro-16 beta-methyl  
prednisolone disodium phosphate, with antibiotic  
protection with sodic penicillin G] Palumbo E, et al.  
Boll Soc Ital Biol Sper 44:1991-4, 15 Dec 68 (Ita)  
[Lipemia-clearing drugs and thrombosis prevention.  
Behavior of platelet adhesiveness, NEFA and  
turbidimetry after alimentary lipid loading in normal  
and arteriosclerotic subjects] Crolle G, et al.  
Minerva Med 60:Suppl 99:5046+, 12 Dec 69 (Ita)  
[Studies on anti-inflammatory agents. XI. Inhibitory  
effects of  
2-amino-3-ethoxycarbonyl-6-benzyl-4,5,6,7-  
tetrahydrothieno[2,3-c]pyridine (Y-3642) on platelet  
aggregation] Nakanishi M, et al.  
J Pharm Soc Jap 90:564-9, May 70 (Jap)  
[Effect of chlorophenoxy-isobutyric ester on platelet  
adhesiveness and aggregation in the patients with  
arteriosclerosis and diabetes mellitus] Yasunaga K.  
Jap Arch Intern Med 16:393-403, Oct 69 (Jap)  
[Hyperlipemia and platelet aggregation] Ukita M, et al.  
Jap J Clin Path 18:271-4, Apr 70 (Jap)  
[Role of blood coagulation and fibrinolysis in  
pathogenesis of arteriosclerosis] Lipiński B.  
Kardiologia 13:81-8, 1970 (Pol)  
[Effect of endoxan on changes of cellular elements in  
peripheral blood] Sadliński C, et al.  
Pol Tyg Lek 24:1811-3, 24 Oct 69 (Pol)  
[Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
[Clinical and biological significance of the phenomenon  
of platelet adhesiveness and aggregation] Gavrilescu  
S, et al.  
Med Intern (Bucur) 21:1411-30, Dec 69 (83 ref.) (Rom)  
[Effect of the purified antibiotic neocidin on the  
peripheral blood of laboratory animals] Derkach EM.  
Antibiotiki 15:274-6, Mar 70 (Rus)  
[Reactions of the blood system during experimental  
administration of the antineoplastic antibiotic  
brunomeycin] Gol'dberg DI, et al.  
Antibiotiki 14:845-9, Sep 69 (Rus)  
[Comparative study of the effect of rubomycin C and B  
on peripheral blood of animals] Vertogradova TP.  
Antibiotiki 14:840-5, Sep 69 (Rus)  
[Effect of fresh celandine on the composition of  
peripheral blood of dogs] Eliseev NT, et al.  
Farmakol Toksik 32:625-6, Sep-Oct 69 (Rus)



# SUBJECT SECTION

# BLOOD

- [Effect of antibiotics on the adhesive properties of thrombocytes] Zolotukhin SI, et al.  
Farmakol Toksik 32:460-3, Jul-Aug 69 (Rus)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al. Kardiologiya 9:88-95, Jul 69 (Rus)
- [Adhesive properties of thrombocytes in patients with arteriosclerosis] Nikitin IuP, et al.  
Kardiologiya 10:108-10, May 70 (Rus)
- [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
Lab Delo 2:71-7, 1970 (30 ref.) (Rus)
- [Effect of oral tryptophan administration on leukocyte and thrombocyte count and serum protein tryptophan content in patients with thyrotoxicosis] Rudzit VK. Probl Endokr (Moskva) 13:13-7, Jul-Aug 67 (Rus)
- [Electron microscope studies of thrombocytes of rabbits before and after administration of epsilon-aminocaproic acid] Beznosikova VK, et al. Probl Gemat 13:32-7, Jan 68 (Rus)
- [Effect of freezing and thawing on biochemical characteristics of thrombocytes] Cherniak NB, et al. Vop Med Khim 16:189-95, Mar-Apr 70 (Rus)
- [Mechanism of the action of heparin on thrombocytes] Gromnatskii NI. Vrach Delo 3:90-2, Mar 69 (Rus)
- [Effects of heparin and coumarin anticoagulants on platelet adhesiveness] Ruggiero HA, et al. Prensa Med Argent 57:271-4, 10 Apr 70 (Spa)
- [Adenosine effect on platelet adhesiveness] Ruggiero HA, et al. Prensa Med Argent 57:839-43, 3 Jul 70 (Spa)
- [Cerebrovascular diseases. 7. Dextran treatment during thrombotic diseases] Bygdeman S. Lakartidningen 66:4090-3, 1 Oct 69 (Swe)
- [Pharmaca which influence adhesion and aggregation possibilities of thrombocytes. A new way of anti-thrombosis therapy] Bygdeman S. Nord Med 83:88, 15 Jan 70 (Swe)
- [Estriol succinate and platelet adhesiveness] Aran M. Turk Tip Cem Mec 35:609-14, Oct 69 (Tur)
- [Effect of thrombala on the distribution of adenine nucleotides in washed thrombocytes of rats] Zivkovic RV, et al. Acta Med Jugosl 24:27-33, 1970 (Cro)

## ENZYMOLGY

- Glucose-6-phosphate dehydrogenase deficiency in Italy. A study of the distribution and severity of the enzymatic defect. Salvidio E, et al.  
Acta Haemat (Basel) 41:331-40, 1969
- Platelet phosphorylase activity in the presence of activators and inhibitors of aggregation. Deisseroth A, et al.  
Biochem Biophys Res Commun 39:551-7, 11 May 70
- Platelet phosphorylase activity in the presence of activators and inhibitors of aggregation. Deisseroth A, et al. Biochem Biophys Res Commun 40:551-7, 13 Jul 70
- Platelet aggregation. I. Regulation by cyclic AMP and prostaglandin E1. Marquis NR, et al.  
Biochem Biophys Res Commun 36:965-72, 10 Sep 69
- Platelet aggregation. II. Adenyl cyclase, prostaglandin E1, and calcium. Vigdahl RL, et al.  
Biochem Biophys Res Commun 37:409-15, 22 Oct 69
- Adenine nucleotide metabolism of blood platelets. VII. ATPases: subcellular localization and behaviour during the thrombin-platelet interaction. French PC, et al. Biochim Biophys Acta 206:438-48, 10 Jun 70
- Adenine nucleotide metabolism of blood platelets. V. Subcellular localization of some related enzymes. Holmsen H, et al.  
Biochim Biophys Acta 186:244-53, 1969
- Uptake and deamination of adenosine by blood. Species differences, effect of pH, ions, temperature and metabolic inhibitors. Van Belle H.  
Biochim Biophys Acta 192:124-32, 7 Oct 69
- Normal and variant isoenzymes of human blood cell hexokinase and the isoenzyme patterns in hemolytic anemia. Altay C, et al. Blood 36:219-27, Aug 70
- Glycogen in human blood platelets. Isolation by ultracentrifugation and characteristics of the isolated particles. Scott RB, et al. Blood 35:517-32, Apr 70
- Effects of prostaglandins, epinephrine and NaF on human leukocyte, platelet and liver adenyl cyclase. Scott RE. Blood 35:514-6, Apr 70
- Subcellular distribution of 51Cr and characterization of its binding sites in human platelets. Steiner M, et al. Blood 35:727-39, May 70
- Platelet glycolytic enzymes: effect of cellular disruption procedures on activity. Doery JC, et al. Brit J Haemat 19:145-57, Aug 70
- Heterogeneity of human platelets. 3. Glycogen

- metabolism in platelets of different sizes. Karparkin S, et al. Brit J Haemat 19:135-43, Aug 70
- Cryobiology of platelets. I. Amino-peptidase activity as a measure of intactness of platelets in vitro. Greiff D, et al. Cryobiology 6:194-9, Nov-Dec 69
- Blood cell phosphofructokinase in Down's syndrome. Conway MM, et al. Humangenetik 9:185-90, 1970
- Biosynthesis of cytidine diphosphate diglyceride by human platelets. Call FL 2d, et al.  
J Clin Invest 49:392-9, Feb 70
- Glycogenesis and glycogenogenesis in human platelets. Incorporation of glucose, pyruvate, and citrate into platelet glycogen; glycogen synthetase and fructose-1,6-diphosphatase activity. Karparkin S, et al. J Clin Invest 49:140-9, Jan 70
- The biosynthesis of phosphatidylinositol in human platelets. Lucas CT, et al.  
J Clin Invest 49:1949-55, Oct 70
- Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. I. Lytic and nonlytic reactions. Henson PM. J Immun 105:476-89, Aug 70
- Release of vasoactive amines from rabbit platelets induced by antiplatelet antibody in the presence and absence of complement. Henson PM.  
J Immun 104:924-34, Apr 70
- The selectivity of the thrombin-induced platelet release reaction: subcellular localization of released and retained constituents. Holmsen H, et al.  
J Lab Clin Med 75:840-55, May 70
- Lysozyme and fibrinogen in normal and leukemic blood cells: a quantitative electron immunocytochemical study. Sternberger LA, et al.  
Johns Hopkins Med J 126:188-209, Apr 70
- Release of elastolytic activity from blood platelets. Robert B, et al. Nature (London) 225:1248-9, 19 Sep 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Hadden JW, et al. New Eng J Med 283:876-7, 15 Oct 70
- Enzyme activity in the platelets of newborn infants. Oski FA, et al. Pediatrics 45:472-3, Mar 70
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. Pharmacol Rev 22:97-187, Jun 70 (713 ref.)
- Subcellular particles of human platelets. A biochemical and electron microscopic study with particular reference to the influence of fractionation techniques. Day HJ, et al.  
Scand J Haemat Suppl 7:3-35, 1969
- The blood platelet release reaction. Holmsen H, et al.  
Scand J Haemat 3:26, 1969
- Subbands of lactate dehydrogenase isoenzymes in human thrombocytes. Knudsen FU, et al.  
Scand J Haemat 7:100-3, 1970
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. Scand J Haemat 6:377-85, 1969
- Lactate dehydrogenase and trypanosomes. Ormerod WE, et al. Trans Roy Soc Trop Med Hyg 64:176-7, 1970
- Electron microscopical demonstration of acid phosphatase in blood platelets. Bak IJ, et al.  
Z Zellforsch 96:641-8, 1969
- [Methodological conditions influencing the isoenzymogram of lactate dehydrogenase in human blood platelets] Hule V.  
Cas Lek Cesk 109:196-9, 20 Feb 70 (Cze)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Detection of healthy carriers of the myopathic trait in human myopathy] Demos J.  
Ann Genet (Paris) 12:191-201, Sep 69 (Fre)
- [Blood platelet enzymes] Dastugue G, et al.  
Expos Ann Biochim Med 29:227-65, 1969 (490 ref.) (Fre)
- [Contribution of cytochemistry to comparative hematology: reptile blood] Maupin B, et al.  
Nouv Rev Franc Hemat 9:663-8, Sep-Oct 69 (Fre)
- [Synthesis of platelet glycogen] Valner H, et al.  
Nouv Rev Franc Hemat 9:514-28, Jul-Aug 69 (Fre)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al. Acta Haemat (Basel) 42:303-20, 1969 (Ger)
- [Effect of blood coagulation and platelet desintegration on enzyme activities in the human blood] Kluge A, et al. Blut 21:20-8, Jul 70 (Ger)
- [Cytochemical studies on blood cells in comparative hematology] Fey F, et al.  
Folia Haemat (Leipzig) 93:241-8, 1970 (Ger)
- [Neuraminidase and cytidine



- monophosphate-N-acetylneuraminase synthetase in bovine leukocytes] Gielen W, et al.  
Hoppe Seyler Z Physiol Chem 351:768-70, Jun 70 (Ger)  
[Isoenzymes of phosphoglucosyltransferase of human thrombocytes (Thr-PGM1)] Renninger W.  
Humangenetik 8:255-7, 1969 (Ger)  
[Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)  
[Isoenzyme fractions of fructosephosphate aldolase in blood cells of normal humans] Dikow AL, et al. Z Klin Chem 7:155-7, Mar 69 (Ger)  
[Studies on platelets and interaction with particular reference to the interaction of influenza virus with blood platelets] Terada H.  
Acta Haemat Jap 32:45-51, Feb 69 (Jap)  
[Anaerobic splitting of carbohydrates and enzyme activity in thrombocytes in hemorrhagic thrombocythemia] Cherniak NB, et al.  
Probl Gemat 15:44-9, 1970 (Rus)  
[Study of thrombocyte kinetics by way of determining the number of thrombocytes containing acid phosphatase] Moslagina EN, et al.  
Probl Gemat 14:43-50, Nov 69 (Rus)  
[Effect of freezing and thawing on biochemical characteristics of thrombocytes] Cherniak NB, et al. Vop Med Khim 16:189-95, Mar-Apr 70 (Rus)  
[The concentration of adenylate system components and enzyme activity in the thrombocytes of patients with thrombocythemia] Timofeeva LM.  
Vop Med Khim 16:240-4, May-Jun 70 (Rus)

## GROWTH &amp; DEVELOPMENT

- Lipid peroxidation in aging platelets. Okuma M, et al. Blood 34:712-6, Nov 69  
DNA metabolism and development of organelles in guinea-pig megakaryocytes: a combined ultrastructural, autoradiographic and cytophotometric study. Paulus JM.  
Blood 35:298-311, Mar 70  
[Plasma factors in platelet formation. VII. Studies on various plasma substance for enhancement and inhibition of platelet formation and on their mutual relationships under various experimental conditions] Buonanno G, et al. Haematologica 54:253-68, 1969 (Ita)

## IMMUNOLOGY

- Genetic and antigenetic aspects of human histocompatibility systems. Amos DB.  
Advances Immun 10:251-97, 1969  
Ultrastructural basis of experimental thrombocytopenic purpura. Gore I, et al. Arch Path (Chicago) 90:197-205, Sep 70  
Genetic and biological aspects of the HL-A system of human histocompatibility. Dausset J, et al. Blood 35:591-612, May 70  
DFP labeling of platelets during recovery from thrombocytopenia. Ebbe S, et al. Blood 35:613-23, May 70  
Stimulation of thrombocytopoiesis in irradiated mice. Ebbe S, et al. Blood 35:783-92, Jun 70  
Lymphocyte transformation induced by autologous platelets in a case of thrombocytopenic purpura. Plessens WF, et al. Blood 36:421-7, Oct 70  
Megakaryocytopoiesis in experimentally induced immune thrombocytopenia. Rolovic Z, et al. Blood 35:173-88, Feb 70  
Platelet cold agglutinins. Watkins SP Jr, et al. Blood 36:153-8, Aug 70  
Immunological problems of the multi-transfused patient. Tovey GH. Brit J Haemat 17:604-5, Dec 69  
Platelet reactions and immune processes. IV. The inhibition of complement by pyrazole compounds and other inhibitors of platelet reactions. Jobin F, et al. Canad J Microbiol 16:63-7, Feb 70  
Antigenicity of blood platelets. Májský A. Curr Top Microbiol Immun 50:138-73, 1969 (259 ref.)  
Significance of complement to the mechanism of action of endotoxin. Mergenhagen SE, et al. Curr Top Microbiol Immun 50:37-77, 1969 (129 ref.)  
Intravascular thrombosis and leukocyte destruction in vivo by heterologous antilymphocyte serum. Anderson ND, et al. Fed Proc 29:145-9, Jan-Feb 70  
Aspects in production of antilymphocyte sera. Pichlmayr R. Fed Proc 29:111-3, Jan-Feb 70  
Selected topics on antilymphocyte serum. Starzl TE, et al. Fed Proc 29:186-90, Jan-Feb 70  
Production of human antilymphocytic serum in horse with thoracic duct lymphocytes and peripheral blood lymphocytes. Traeger J, et al. Fed Proc 29:108-10, Jan-Feb 70  
The allergic response of rabbit leukocytes and platelets. Siraganian RP, et al. Foila Allerg (Roma) 17:421, Jul-Aug 70  
Immune reactions to Nippostrongylus brasiliensis in the rat. I. Characteristics of primary and secondary immune response in vivo. Keller R. Int Arch Allerg 37:197-215, 1970  
The nature of the reaction of antigen with lymphocytes from rabbits infected with Schistosomamanansoni on the release of histamine from rabbit platelets. Barbaro JF, et al. J Immun 104:1124-31, May 70  
The nature of the reaction of antigen with lymphocytes from rabbits infected with Schistosoma mansoni on the release of histamine from rabbit platelets. Barbaro JF, et al. J Immun 104:1124-31, May 70  
Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. I. Lytic and nonlytic reactions. Henson PM. J Immun 105:476-89, Aug 70  
Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. II. Interaction of platelets with neutrophils. Henson PM. J Immun 105:490-501, Aug 70  
Release of vasoactive amines from rabbit platelets induced by antiplatelet antibody in the presence and absence of complement. Henson PM. J Immun 104:924-34, Apr 70  
The biologic activities of guinea pig antibodies. I. Separation of gamma1 and gamma2 immunoglobulins and their participation in allergic reactions of the immediate type. Oliveira B, et al. J Immun 104:320-8, Feb 70  
Antigenic release of histamine from rabbit leukocytes. Siraganian RP, et al. J Immun 104:1340-7, Jun 70  
The effect of prior transfusion on marrow grafts between histocompatible canine siblings. Storb R, et al. J Immun 105:627-33, Sep 70  
The survival time of platelets in experimental mural thrombi. Woolf N, et al. J Path 97:595-601, Apr 69  
Inhibition of cell aggregation by antibodies directed against actomyosin. Jones BM, et al. Nature (London) 226:261-2, 18 Apr 70  
Crossing-over within the HL-A system. Klismeyer-Nielsen F, et al. Nature (London) 224:75-6, 4 Oct 69  
Immunology of trophoblastic tumours. Jakoubková J, et al. Neoplasma (Bratisl) 17:223-9, 1970  
A simultaneous modification of A agglutininogen of erythrocytes and loss of specific platelet antigens in a patient with gall bladder carcinoma. Májský A, et al. Neoplasma (Bratisl) 16:297-301, Jun 69  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. Pharmacol Rev 22:97-187, Jun 70 (713 ref.)  
Thrombocyte antigens of chickens. 2. Relationship with homograft survival and certain egg characteristics. Sengar DP, et al. Poult Sci 48:2142-5, Nov 69  
Platelet reactions and immune processes. I. Activation of complement by several platelet-activating surfaces when coated with gammaglobulin; mechanism of complement fixation. Jobin F, et al. Thromb Diath Haemorrh 22:450-65, 31 Dec 69  
Platelet reactions and immune processes. 3. The inhibition of platelet aggregation by chymotrypsin substrates and inhibitors. Jobin F, et al. Thromb Diath Haemorrh 23:110-9, 28 Feb 70  
Platelet reactions and immune processes. II. The inhibition of platelet aggregation by complement inhibitors. Jobin F, et al. Thromb Diath Haemorrh 22:466-81, 31 Dec 69  
Separation of HL-A transplantation antigen specificities. Colombani J, et al. Transplantation 9:228-39, Mar 70  
Measurement of antiplatelet activity of antilymphocyte sera based on the inhibition of 5-hydroxytryptamine uptake by blood platelets. Kamoun PP, et al. Transplantation 10:53-8, Jul 70  
Detection of histocompatibility antigens HL-A1, 2, 5, and 7 on leukocytes by a simplified complement-fixation method. Loukopoulos D, et al. Transplantation 8:383-91, Oct 69  
Definition of a new HL-A antigen: Da18. Colombani M, et al. Vox Sang 18:193-203, Mar 70  
The micro-complement fixation test. I. A solution of the technical problems of HL-A typing? D'Amaro J. Vox Sang 18:334-41, Apr 70  
The Ena antigen and antibody a genetical modification of human red cells affecting their blood grouping



# SUBJECT SECTION

## BLOOD

- reactions. Darnborough J, et al.  
*Vox Sang* 17:241-55, Oct 69
- A two-stage agglutination test for the detection of antithrombocyte antibodies. Hanna N, et al.  
*Vox Sang* 18:342-8, Apr 70
- Multiple antibody response following busulfan therapy. Spittler L, et al. *Vox Sang* 18:450-8, May 70
- Complement-fixing platelet iso-antibodies. IV. A comparison of human, guinea-pig and rabbit complement. Svejgaard A. *Vox Sang* 17:224-9, Sep 69
- Complement-fixing platelet iso-antibodies. 3. Quantitation of the HL-A2 antigen on platelets. Svejgaard A. *Vox Sang* 17:112-28, Aug 69
- Complement-fixing platelet iso-antibodies. V. HL-A typing. Svejgaard A, et al. *Vox Sang* 18:12-20, Jan 70
- Genetics of the HL-A system. A population and family study. Svejgaard A, et al. *Vox Sang* 18:97-133, Feb 70
- HL-A antigens and genes. I. A study of unrelated Norwegians. Thorsby E. *Vox Sang* 17:81-92, Aug 69
- [Identification of leukocytic antigens and their significance for clinical transplantation and hematology. IV. Importance of the platelet test of complement fixation for the determination of the antigens of the HL-A system] Hronková-Zoulková J, et al. *Vnitřní Lek* 15:990-4, Oct 69 (Cze)
- [A case of post-transfusion thrombopenic purpura (Shulman's syndrome)] Dubarry JJ, et al. *Bordeaux Med* 3:911-6, Apr 70 (Fre)
- [Anti-leukocyte and anti-platelet isoantibodies] Potler JC. *Infirm Franc* 108:15-6, Oct 69 (Fre)
- [A new case of neonatal thrombopenic purpura due to feto-maternal leukoplatelet allo-immunization] Streiff F, et al.  
*Nouv Rev Franc Hemat* 10:401-8, May-Jun 70 (Fre)
- [Drug allergies and leukemias. Preliminary study] Bray B, et al. *Rev Franc Transfus* 12:Suppl:403-6, 1969 (Fre)
- [Anti-leukocyte and anti-platelet feto-maternal allo-immunization] Colombani J, et al.  
*Rev Franc Transfus* 12:Suppl:245-55, 1969 (Fre)
- [Non-erythrocytic feto-maternal immunizations] Ducos J.  
*Rev Franc Transfus* 12:Suppl:221-43, 1969 (112 ref.) (Fre)
- [Allergic purpura with active antibodies in the presence of P.A.S. (para-aminosalicylic acid)] Guimbretière J, et al.  
*Rev Franc Transfus* 12:Suppl:407-13, 1969 (Fre)
- [Feto-maternal immunizations with anti-leukocyte and anti-platelet antibodies] Guimbretière J, et al.  
*Rev Franc Transfus* 12:Suppl:257-63, 1969 (Fre)
- [Neonatal thrombopenia and hemolytic disease of the newborn due to Rh incompatibility] Malinvaud G, et al. *Rev Franc Transfus* 12:Suppl:277-90, 1969 (Fre)
- [Feto-maternal allo-immunization with antiplatelet antibodies and familial neonatal hepatitis] Perrin D, et al. *Rev Franc Transfus* 12:265-76, 1969 (Fre)
- [Feto-maternal allo-immunization with anti-platelet antibodies and familial neonatal hepatitis] Perrin D, et al. *Rev Franc Transfus* 12:Suppl:265-76, 1969 (Fre)
- [The appearance of leukocyte and thrombocyte antibodies in internal diseases] Leverenz S, et al. *Allerg Asthma (Leipzig)* 15:129-40, 1969 (Ger)
- [Immune thrombopenias and purpura] Brüster H. *Allerg Asthmaforsch* 5:168-75, 1969 (Ger)
- [Autoimmune and autoaggressive diseases] Spier HW. *Arch Klin Exp Derm* 237:18-26, 1970 (Ger)
- [Cytostatic therapy causing the loss of serological activity in thrombocytes] Májský A, et al.  
*Folia Haemat (Leipzig)* 93:425-34, 1970 (Ger)
- [Preparation and conservation of platelet concentrates] Stein P, et al.  
*Folia Haemat (Leipzig)* 92:577-81, 1969 (Ger)
- [Mechanisms of disease-causing immune phenomena of humans] Steffen C.  
*Klin Wschr* 47:574-81, 1 Jun 69 (Ger)
- [Aspects of isoimmunization against blood cells and plasma albumins] Büttler R.  
*Ther Umsch* 26:703-7, Dec 69 (Ger)
- [Immunological reactions of human thrombocytes in response to globulin loaded latex particles] Mueller-Eckhardt C, et al.  
*Z Ges Inn Med* 24:528-9, 15 Aug 69 (Ger)
- [Classification of specific thrombocyte antigens. V. Effect of enzymes on platelet antigens Ia, 2a, and 3a (Koa)] Májský A.  
*Z Immunitätsforsch* 139:161-71, Feb 70 (Ger)
- [Antibody production in rabbits by oral immunization with human blood platelets] Májský A.  
*Z Immunitätsforsch* 140:137-43, Aug 70 (Ger)
- [Determination of the AHP-receptor on human

- thrombocytes] Májský A, et al.  
*Z Immunitätsforsch* 139:97-103, Dec 69 (Ger)
- [Quantitative and immunological aspects of the platelets and leukocytes during autoimmune hemolytic anemia (AHA)] Laghi V, et al.  
*Folia Allerg (Roma)* 17:149-53, Mar-Apr 70 (Ita)
- [Microtechnic of the complement fixation test on blood platelets for the typing of histocompatibility antigens] Guglielmo B, et al.  
*Haematologica* 54:567-78, 1969 (Ita)
- [Immunologic aspects of blood transfusion in its medico-legal repercussions] Aragona F.  
*Zacchia* 5:161-94, Apr-Jun 69 (96 ref.) (Ita)
- [Investigation of immunoglobulins and various other indices of immunological reactivity in chronic pneumonia in children] Belkorinitskii DV, et al.  
*Pediatrics* 48:21-4, Sep 69 (Rus)
- [Isoimmunization with thrombocyte antigens in repeated pregnancies] Potolochna GA.  
*Pediatr Akush Ginek* 4:33-5, Jul-Aug 69 (Ukr)

## METABOLISM

- Congenital deficiency of fibrinogen in two sisters. A clinical and haematological study. Dube B, et al.  
*Acta Haemat (Basel)* 43:120-7, 1970
- Adenine nucleotide metabolism in stored human platelets. Otake K, et al.  
*Amer J Path* 56:393-403, Sep 69
- Ultrastructural study of the effect of aspirin on in vitro platelet-collagen interaction and platelet adhesion to injured intima in the rabbit. Ts'ao CH.  
*Amer J Path* 59:327-46, May 70
- Regulation of thrombopoiesis. Harker LA.  
*Amer J Physiol* 218:1376-80, May 70
- Effect of pH, bicarbonate, and acetazolamide and active release of cellular histamine. Tidball ME, et al.  
*Amer J Physiol* 218:923-8, Mar 70
- Stimulation by glucose of fatty acid synthesis in human platelets. Zieve PD, et al.  
*Amer J Physiol* 219:1009-13, Oct 70
- Imipramine and lithium effects of biogenic amine transport in depressed and manic-depressed patients. Murphy DL, et al. *Amer J Psychiat* 127:339-45, Sep 70
- Effect of some phenothiazine derivatives and related agents on the accumulation and distribution of 5-hydroxytryptamine in blood platelets. Ahtee L, et al. *Ann Med Exp Biol Fenn* 46:429-34, 1968
- Influence of some phenothiazine derivatives and tricyclic antidepressants on histamine and 5-hydroxytryptamine uptake by rabbit blood platelets. Tuomisto J.  
*Ann Med Exp Biol Fenn* 47:6-10, 1969
- Platelet aggregation. 3. An epinephrine induced decrease in cyclic AMP synthesis. Marquis NR, et al. *Biochem Biophys Res Commun* 39:783-9, 5 Jun 70
- Platelet aggregation. I. Regulation by cyclic AMP and prostaglandin. EI. Marquis NR, et al.  
*Biochem Biophys Res Commun* 36:965-72, 10 Sep 69
- Platelet aggregation. II. Adenyl cyclase, prostaglandin EI, and calcium. Vigdahl RL, et al.  
*Biochem Biophys Res Commun* 37:409-15, 22 Oct 69
- Inhibition of platelet energy production and release reaction by PGE<sub>1</sub>, theophylline and cAMP. Wolfe SM, et al.  
*Biochem Biophys Res Commun* 41:128-34, 9 Oct 70
- Control of energy metabolism in platelets. A comparison of aerobic and anaerobic metabolism in washed rat platelets. Detwiler TC, et al.  
*Biochim Biophys Acta* 197:117-26, 3 Mar 70
- Uptake and metabolism of nicotinic acid by human blood platelets. Effects of structure analogs and metabolic inhibitors. Gaut ZN, et al.  
*Biochim Biophys Acta* 201:316-22, 24 Feb 70
- Adenine nucleotide metabolism of blood platelets. VI. Subcellular localization of nucleotide pools with different functions in the platelet release reaction. Holmsen H, et al.  
*Biochim Biophys Acta* 186:254-66, 1969
- Metabolic basis of platelet phagocytosis. Kuramoto A, et al. *Biochim Biophys Acta* 201:471-8, 24 Mar 70
- A comparative study of the action of release inducers upon platelet release and phosphorus metabolism. Mürer EH. *Biochim Biophys Acta* 192:138-40, 7 Oct 69
- Uptake and deamination of adenosine by blood. Species differences, effect of pH, ions, temperature and metabolic inhibitors. Van Belle H.  
*Biochim Biophys Acta* 192:124-32, 7 Oct 69
- Energy metabolism in human platelets:



- interrelationship between glycolysis and oxidative metabolism. Doery JC, et al. *Blood* 36:159-68, Aug 70
- DFP labeling of platelets during recovery from thrombocytopenia. Ebbe S, et al. *Blood* 35:613-23, May 70
- Relative labeling of leukocytes, erythrocytes and platelets in human blood by 51-chromium. Eyre HJ, et al. *Blood* 36:250-3, Aug 70
- Lipid peroxidation in aging platelets. Okuma M, et al. *Blood* 34:712-6, Nov 69
- Effects of prostaglandins, epinephrine and NaF on human leukocyte, platelet and liver adenyl cyclase. Scott RE. *Blood* 35:514-6, Apr 70
- Subcellular distribution of 51Cr and characterization of its binding sites in human platelets. Steiner M, et al. *Blood* 35:727-39, May 70
- Aspirin ingestion compared with bleeding disorders--search for a useful platelet antiaggregant. Weiss HJ. *Blood* 35:333-40, Mar 70
- Heterogeneity of human platelets. 3. Glycogen metabolism in platelets of different sizes. Karparkin S, et al. *Brit J Haemat* 19:135-43, Aug 70
- Studies on platelet 5-hydroxytryptamine in East Africans. Crawford MA, et al. *Brit J Nutr* 24:385-92, Jun 70
- Sodium-dependent accumulation of 5-hydroxytryptamine by rat blood platelets. Sneddon JM. *Brit J Pharmacol* 37:680-8, Nov 69
- Isotope bioassay for "thrombopoietin". Penington DG. *Brit Med J* 1:606-8, 7 Mar 70
- Assessment of platelet production with 75Se selenomethionine. Penington DG. *Brit Med J* 4:782-4, 27 Dec 69
- The binding of vinblastine by platelets in the rat. Hedden HF, et al. *Cancer Res* 30:1417-24, May 70
- Sympathin E, sympathin I, and the intracellular level of cyclic AMP. Robison GA, et al. *Circ Res* 27:Suppl 1:147+, Jul 70 (92 ref.)
- Aspirin, platelets, and bleeding. Bowle EJ, et al. *Circulation* 40:757-60, Dec 69
- Dopamine transport in human blood. Bryson G, et al. *Clin Chem* 16:312-7, Apr 70
- Mental changes and platelet serotonin in pellagrins. Krishnaswamy K, et al. *Clin Chim Acta* 27:301-4, Feb 70
- Comparative aspects of sugar penetration into blood platelets. Mitchell WM, et al. *Comp Biochem Physiol* 32:813-5, 15 Feb 70
- Platelet lipids (3). In vitro incorporation of 1-14C linoleic acid into lipid fractions of rabbit platelets. Andreoli VM. *Europ J Pharmacol* 7:314-8, Sep 69
- Platelet lipids. IV. 14C labeled acetate incorporation by isolated platelets. Andreoli VM. *Europ J Pharmacol* 9:374-8, Mar 70
- 5-hydroxytryptamine releasing effect on domestic fowl thrombocytes of the alkali kidney extract and some drugs. Inouye A, et al. *Europ J Pharmacol* 8:200-3, Nov 69
- Release in vitro of 5-hydroxytryptamine from spindle cells of the domestic fowl. Sorimachi M, et al. *Europ J Pharmacol* 10:243-8, May 70
- Accumulation of 5-hydroxydopamine in 5-HT storage organelles of cat platelets and concomitant changes in platelet aggregation. Baumgartner HR, et al. *Experientia* 25:857-9, 15 Aug 69
- Different localization of reserpine and tyramine within the 5-hydroxytryptamine organelles of blood platelets. Da Prada M, et al. *Experientia* 25:923-4, 15 Sep 69
- Unsaturated fatty acids: platelet-serotonin releasers in tissue extract. Inouye A, et al. *Experientia* 26:308-9, 15 Mar 70
- Specific activity of 14C-labelled serotonin released from human blood platelets. Massini P. *Experientia* 26:87-8, 15 Jan 70
- The pH-dependent release of monoamines from isolated platelet, enterochromaffin and dopamine cell granules in vitro. Penttilä A, et al. *Experientia* 26:296-8, 15 Mar 70
- Platelet protein synthesis studied in a cell-free system. Steiner M. *Experientia* 26:786-9, 1970
- Serotonin storage in the carcinoid syndrome. May B, et al. *German Med Monthly* 14:408-9, Aug 69
- Biosynthesis of cytidine diphosphate diglyceride by human platelets. Call FL 2d, et al. *J Clin Invest* 49:392-9, Feb 70
- Pathways of fatty acid metabolism in human platelets. Cohen P, et al. *J Clin Invest* 49:128-39, Jan 70
- Energy substrate metabolism in fresh and stored human platelets. Cohen P, et al. *J Clin Invest* 49:119-27, Jan 70
- Measurement of thrombopoiesis in rabbits using 75selenomethionine. Evatt BL, et al. *J Clin Invest* 48:1615-26, Sep 69
- Glycogenesis and glycogenolysis in human platelets. Incorporation of glucose, pyruvate, and citrate into platelet glycogen; glycogen synthetase and fructose-1,6-diphosphatase activity. Karparkin S, et al. *J Clin Invest* 49:140-9, Jan 70
- Lipid metabolism in human platelets. II. De novo phospholipid synthesis and the effect of thrombin on the pattern of synthesis. Lewis N, et al. *J Clin Invest* 48:2114-23, Nov 69
- The biosynthesis of phosphatidylinositol in human platelets. Lucas CT, et al. *J Clin Invest* 49:1949-55, Oct 70
- Utilization of long-chain free fatty acids by human platelets. Spector AA, et al. *J Clin Invest* 49:1489-96, Aug 70
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al. *J Colloid Interface Sci* 31:188-95, Oct 69
- The selectivity of the thrombin-induced platelet release reaction: subcellular localization of released and retained constituents. Holmsen H, et al. *J Lab Clin Med* 75:840-55, May 70
- Selenium-75 seleno-methionine as a label for erythrocytes, leukocytes, and platelets in man. McIntyre PA, et al. *J Lab Clin Med* 75:472-80, Mar 70
- Studies on lipid peroxides in platelets. I. Method of assay and effect of storage. Okuma M, et al. *J Lab Clin Med* 75:283-96, Feb 70
- The labeling of dicarboxylic amino acids and their amides by glucose and acetate in human platelets. Puszklin E, et al. *J Lab Clin Med* 75:234-43, Feb 70
- Release of adenine nucleotides and platelet factor 4 from platelets of man and four other species. Thomas DP, et al. *J Lab Clin Med* 75:607-18, Apr 70
- The inhibition of human platelet 5-hydroxytryptamine uptake by tricyclic antidepressive drugs. The relation between structure and potency. Todrick A, et al. *J Pharm Pharmacol* 21:751-62, Nov 69
- Defective binding of 5-HT by blood platelets from children with the trisomy 21 form of Down's syndrome. Boullin DJ, et al. *J Physiol (London)* 204:128P+, Oct 69
- Pseudohyperkalemia in acute myelocytic leukemia. Chumbley LC. *JAMA* 1:1007-9, 9 Feb 70
- Pseudohyperkalemia in acute myelocytic leukemia. Chumbley LC. *JAMA* 211:1007-9, 9 Feb 70
- Platelet-serotonin in uraemia. Kamoun P, et al. *Lancet* 1:782, 11 Apr 70
- Differential uptake of biogenic amines by isolated 5-hydroxytryptamine organelles of blood platelets. Da Prada M, et al. *Life Sci* 8:65-72, 1 Jan 69
- Stimulation by lithium of monoamine uptake in human platelets. Murphy DL, et al. *Life Sci* 8:1187-93, 1 Nov 69
- Influence of dietary trans,trans-linoleate on hematologic and hemostatic properties of rat blood. Raccuglia G, et al. *Lipids* 5:85-9, Jan 70
- Platelet kinetics in splenomegaly. Dillon DE, et al. *Med Ann DC* 39:365-8, Jul 70
- Transfer of plasma lipid to platelets by action of glucagon. Caren R, et al. *Metabolism* 19:598-607, Aug 70
- Abnormalities in platelet 5-hydroxytryptamine efflux in patients with infantile autism. Boullin DJ, et al. *Nature (London)* 226:371-2, 25 Apr 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Baldini MG, et al. *New Eng J Med* 283:877, 15 Oct 70
- Platelet abnormality in Wiskott-Aldrich syndrome. Hadden JW, et al. *New Eng J Med* 283:876-7, 15 Oct 70
- Lack of platelet response to stimulation in the Wiskott-Aldrich syndrome. Kuramoto A, et al. *New Eng J Med* 282:475-9, 28 Feb 70
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)
- Effect of carnitine and ergothioneine on human platelet metabolism. Kerby GP, et al. *Proc Soc Exp Biol Med* 132:435-9, Nov 69
- On the mechanism of platelet function inhibition by acetylsalicylic acid. al-Mondhiry H, et al. *Proc Soc Exp Biol Med* 133:632-6, Feb 70
- Utilization of ascorbic acid during platelet aggregation.



# SUBJECT SECTION

## BLOOD

- Sahud MA, et al.  
Proc Soc Exp Biol Med 134:13-6, May 70
- Transfer and storage of biogenic monoamines in subcellular organelles of blood platelets. Pietscher A, et al. Progr Brain Res 31:47-52, 1969
- Inhibitory effect of two newer antidepressants, Lu 5-003 and Lu 3-010, on serotonin uptake in human blood platelets in vitro. Lingjaerde O Jr. Psychopharmacologia (Berlin) 17:94-9, 1970
- The blood platelet release reaction. Holmsen H, et al. Scand J Haemat 3:26, 1969
- The use of 75Se-methionin for the in vivo study of platelet kinetics. Najean Y, et al. Scand J Haemat 6:395-401, 1969
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. Scand J Haemat 6:377-85, 1969
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al. Scand J Haemat 6:250-61, 1969
- Amino acid transport into human platelets and subsequent incorporation into protein. Cooper IA, et al. Thromb Diath Haemorrh 23:140-7, 28 Feb 70
- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al.
- Thromb Diath Haemorrh 22:408-10, 15 Nov 69
- Effect of purified Vipera palestinae hemorrhagin on blood coagulation and platelet function. Grotto L, et al. Thromb Diath Haemorrh 22:482-95, 31 Dec 69
- Some new observations on glycolysis in blood platelets studied by cytochemical scoring method. Heřmanský F, et al.
- Thromb Diath Haemorrh 22:296-303, 15 Nov 69
- Have the platelet antiheparin and antiplasmin activities the same support? Moriau M.
- Thromb Diath Haemorrh 22:403-7, 15 Nov 69
- The effect of adenosine monophosphate, arcaline and anti-inflammatory agents on thrombosis and platelet function in rabbits. Peterson J, et al.
- Thromb Diath Haemorrh 23:148-58, 28 Feb 70
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al.
- Thromb Diath Haemorrh 22:316-25, 15 Nov 69
- Platelet incorporation of labelled adenosine and adenosine diphosphate. Salzman EW, et al.
- Thromb Diath Haemorrh 22:304-15, 15 Nov 69
- Aggregation of cat platelets in vitro. Tschopp TB.
- Thromb Diath Haemorrh 23:601-20, 30 Jun 70
- Assessment of damage to human platelets after aggregation and other injuries by microscopic observation and estimation of serotonin uptake. Zbinden G, et al.
- Thromb Diath Haemorrh 23:261-75, 1970
- Mechanism whereby platelets support the endothelium. Wojcik JD, et al.
- Transfusion 9:324-35, Nov-Dec 69
- Measurement of antiplatelet activity of antilymphocyte sera based on the inhibition of 5-hydroxytryptamine uptake by blood platelets. Kamoun PP, et al.
- Transplantation 10:53-8, Jul 70
- The effect of storage on adhesion and aggregation of platelets. Shively JA, et al. Vox Sang 18:204-15, Mar 70
- Ultrastructural observation of 5-hydroxytryptamine-storing granules in the domestic fowl thrombocytes. Kuruma I, et al.
- Z Zellforsch 108:268-81, 1970
- Kinetics of thrombocytes] Kotilainen M. (Fin)
- Duodecim 86:508-11, 1970
- Capturing defect of noradrenaline by blood platelets in trisomy 21 patients. Demonstration of a common mechanism for noradrenaline and serotonin] Jérôme H, et al. C R Acad Sci [D] (Paris) 269:516-9, 1969 (Fre)
- Blood platelet enzymes] Dastugue G, et al.
- Expos Ann Biochim Med 29:227-65, 1969 (490 ref.) (Fre)
- Change of blood platelet activity in patients with chronic uremia] Cordonnier D, et al.
- J Urol Nephrol (Paris) 75:289-301, Apr-May 69 (Fre)
- Recent cytochemical studies on blood platelet glycogenolysis] Hermansky F, et al.
- Nouv Rev Franc Hemat 9:667-9, Sep-Oct 69 (Fre)
- Contribution of cytochemistry to comparative hematology: reptile blood] Maupin B, et al.
- Nouv Rev Franc Hemat 9:663-6, Sep-Oct 69 (Fre)
- Synthesis of platelet glycogen] Valner H, et al.
- Nouv Rev Franc Hemat 9:514-28, Jul-Aug 69 (Fre)
- Elastolytic activity associated with blood platelets] Robert B, et al.
- Path Biol (Paris) 17:615-22, Jun-Jul 69 (Fre)
- [Analysis of platelet function. Measurement of the release of acid phosphatases] Kubisz P, et al.
- Rev Europ Etud Clin Biol 15:123-6, Jan 70 (Fre)
- [May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al.
- Acta Haemat (Basel) 42:303-20, 1969 (Ger)
- [Relationship between platelet factor 3 and adenosine diphosphate and the product from contact activation of the blood coagulation system] Kommerell B, et al.
- Blut 20:31-6, Jan 70 (Ger)
- [The effect of drugs on the amine storage function of blood platelets] Barthel W.
- Folia Haemat (Leipzig) 92:497-509, 1969 (Ger)
- [The inhibition of thrombocyte aggregation in vitro and in vivo] Breddin K.
- Folia Haemat (Leipzig) 92:460-9, 1969 (Ger)
- [The energy metabolism of human blood platelets] Hoffmann A, et al.
- Folia Haemat (Leipzig) 92:510-7, 1969 (Ger)
- [Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E.
- Folia Haemat (Leipzig) 92:20-7, 1969 (Ger)
- [Fibrinogen synthesis in blood platelets] Rosiek O, et al.
- Folia Haemat (Leipzig) 92:553-7, 1969 (Ger)
- [Thrombocyte survival during the treatment of essential thrombopenia] Schulz K, et al.
- Folia Haemat (Leipzig) 92:567-76, 1969 (Ger)
- [Etiology of hemophilia. New aspects of factor VIII deficiency] Marcsek M, et al.
- Munchen Med Wschr 112:1377-80, 24 Jul 70 (Ger)
- [Behavior of functional, cytological and biochemical parameters of blood platelets in vitro under the influence of lipid emulsions] Weber E, et al.
- Naunyn Schmiedeberg Arch Pharm 264:322-3, 1969 (Ger)
- [Studies on young and old thrombocytes] Kummer H, et al. Schweiz Med Wschr 100:328-30, 14 Feb 70 (Ger)
- [The pathogenesis of obliterating arterial processes in hypercholesterolemia] Frost H.
- Thromb Diath Haemorrh 22:351-9, 15 Nov 69 (Ger)
- [The effect of lipid emulsions on blood platelets. 3. Behavior of ATP, glycogen and glucose consumption] Weber E, et al.
- Thromb Diath Haemorrh 23:99-109, 28 Feb 70 (Ger)
- [Studies on platelet metabolism in relation to platelet functions] Saito M, et al.
- Acta Haemat Jap 32:23-31, Feb 69 (Jap)
- [Experimental study of serotonin in anaphylaxis] Okumura S. Jap J Allerg 19:13-21, Jan 70 (Jap)
- [Determination of dynamics of blood coagulation factors using radiolabels] Maekawa T, et al.
- Jap J Clin Path 16:Suppl 16:125+, 1969 (Jap)
- [Preliminary studies on the determination of biologically active rifomycin using the platelet method] Strupczewska-Januszowa H.
- Gruzica 38:542-4, 1970 (Pol)
- [Anaerobic splitting of carbohydrates and enzyme activity in thrombocytes in hemorrhagic thrombocytopenia] Cherniak NB, et al.
- Probl Gemat 15:44-9, 1970 (Rus)
- [Effect of freezing and thawing on biochemical characteristics of thrombocytes] Cherniak NB, et al.
- Vop Med Khim 16:189-95, Mar-Apr 70 (Rus)
- [The concentration of adenylate system components and enzyme activity in the thrombocytes of patients with thrombocytopenia] Timofeeva LM.
- Vop Med Khim 16:240-4, May-Jun 70 (Rus)

### MICROBIOLOGY

- Studies on an eperythrozoon associated with bovine thrombocytes. Zwart D, et al.
- Zbl Bakt [Orig] 210:82-105, May 69

### PATHOLOGY

- Release of vasoactive amines from rabbit platelets induced by sensitized mononuclear leukocytes and antigen. Henson PM. J Exp Med 131:287-306, Feb 70

### PHYSIOLOGY

- Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ.
- Amer J Physiol 218:389-95, Feb 70
- Platelet aggregation and plug formation: a model test system. Silver MJ. Amer J Physiol 218:384-8, Feb 70



- Metabolic basis of platelet phagocytosis. Kuramoto A, et al. *Biochim Biophys Acta* 201:471-8, 24 Mar 70
- DFP labeling of platelets during recovery from thrombocytopenia. Ebbe S, et al. *Blood* 35:613-23, May 70
- The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al. *Brit J Haemat* 18:575-84, May 70
- Studies on the haemostatic mechanism following exercise. Prentice CR, et al. *Brit J Haemat* 17:611, Dec 69
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al. *Circulation* 42:1-21, Jul 70 (139 ref.)
- Flow of environmental agents in reaching their site of action. Schanker LS. *Environ Res* 2:331-9, Oct 69
- Survival of labelled and non-labelled platelets in the lethally irradiated dog; an evaluation of the 51-chromium method. Kummer H, et al. *Helv Med Acta* 35:226-35, Apr 70
- The effect of modified beta-lipoproteins on adhesiveness and on aggregation of blood platelets. Farbiszewski R, et al. *J Atheroscler Res* 9:339-42, May-Jun 69
- Measurement of thrombopoiesis in rabbits using 75selenomethionine. Evatt BL, et al. *J Clin Invest* 48:1615-26, Sep 69
- Electron microscope studies on the hemostatic process in bird embryos. II. In vivo phagocytosis by nucleated thrombocytes. Edmonds RH. *J Ultrastruct Res* 30:184-94, Jan 70
- Altered platelet function in newborns. Mull MM, et al. *Pediat Res* 4:229-37, May 70
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)
- Some biophysical aspects of coagulation. LeBeau RJ, et al. *Phys Med Biol* 15:195, Jan 70
- The interaction of platelets, Salmonella, and mouse peritoneal macrophages. Mandell GL, et al. *Proc Soc Exp Biol Med* 132:757-9, Nov 69
- Platelet-bound and soluble platelet factor 4: effects of aggregating agents, of aggregation, and of aspirin. O'Brien JR, et al. *Proc Soc Exp Biol Med* 134:1128-31, Sep 70
- The platelet release reaction. Its general aspects and relation to phagocytosis-pinocytosis. Stormorken H. *Scand J Clin Lab Invest Suppl* 107:115+, 1969
- The platelet release reaction. Its general aspects and relation to phagocytosis-pinocytosis. Stormorken H. *Scand J Clin Lab Invest* 24:Suppl 107:115+, 1969
- Effects of some chemicals on blood platelet microtubules, platelet shape and some platelet functions in vitro. Behnke O. *Scand J Haemat* 7:123-40, 1970
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. *Scand J Haemat Suppl* 5:5-97, 1969
- Effect of atropine on platelet structure and function. White JG. *Scand J Haemat* 6:236-45, 1969
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J. *Scand J Haemat* 6:343-7, 1969
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al. *Scand J Urol Nephrol* 3:23-9, 1969
- Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. Engelberg H. *Thromb Diath Haemorrh* 22:344-50, 15 Nov 69
- The estimation of blood platelet survival. I. General principles of the study of cell survival. Murphy EA, et al. *Thromb Diath Haemorrh* 22:281-95, 15 Nov 69
- The coagulation system during the passage of blood through the body. Simultaneous determinations of thrombocyte count and 9 plasma activities in samples from 5 different blood vessels in the rabbit. Schimpf K, et al. *Thromb Diath Haemorrh* 22:326-35, 15 Nov 69
- [The influence of streptokinase upon some functions of blood platelets] Donner L, et al. *Sborn Lek* 72:57-62 passim, Mar 70 (Cze)
- [Anesthesia in surgery of otospongiosis] Causse J, et al. *Ann Otolaryng (Paris)* 87:231-40, Apr-May 70 (Fre)
- [Bibliographic note: serotonin and normal platelets in adult man] Dechavanne M. *Lyon Med* 223:1073, 24 May 70 (Fre)
- [Kinetics of the thrombopoiesis using the 75Se-methionine] Ardaillou N, et al. *Nouv Rev Franc Hemat* 9:889-95, Nov-Dec 69 (Fre)
- [The ultrastructure of blood platelets with reference to their hemostatic function] Hovig T. *Nouv Rev Franc Hemat* 9:496-506, Jul-Aug 69 (Fre)
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Thrombosthenine. Its role in hemostasis] Luscher EF. *Nouv Rev Franc Hemat* 9:506-12, Jul-Aug 69 (Fre)
- [Mathematical interpretation of the study of life span of platelets labelled with radioactive chromium] Paulus JM, et al. *Nouv Rev Franc Hemat* 9:886-8, Nov-Dec 69 (Fre)
- [Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)
- [Micromethod of collagen extraction from human skin biopsy (application to the study of bleeding diseases)] Legrand Y, et al. *Path Biol (Paris)* 17:991-3, Nov 69 (Fre)
- [Influence of pH on electrophoretic motility of human erythrocytes and platelets. Searching for the "electrophoretic point"] Stoltz JF, et al. *Path Biol (Paris)* 18:159-62, Feb 70 (Fre)
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. *Path Europ* 4:Suppl 1:9-286, 1969 (Fre)
- [Platelets and structures of the blood vessel] Legrand Y. *Presse Med* 78:721-3, 28 Mar 70 (Fre)
- [Electrokinetic effects in the blood suspension. I. Elementary theoretical aspects. Modifications during preservation. Study on the isoelectric point for erythrocytes and blood platelets] Stoltz JF, et al. *Rev Franc Transfus* 12:409-21, Dec 69 (Fre)
- [The effect of 6,7-dimethoxyisoquinoline derivatives on the function of blood platelets] Markwardt F, et al. *Acta Biol Med German* 23:295-308, 1969 (Ger)
- [Life-span and destruction of human thrombocytes] Bleifeld W. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [The peripheral vasodilator activity of thrombin] Delin A, et al. *Folia Haemat (Leipzig)* 92:558-66, 1969 (Ger)
- [The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)
- [Determination of the thrombocyte life span with radioisotopes] Adam W. *Fortschr Roentgenstr* 111:669-74, Nov 69 (Ger)
- [Effect of fibrinolysis on possible thrombotic disorders] Fürstenberg H, et al. *Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Studies on young and old thrombocytes] Kummer H, et al. *Schweiz Med Wschr* 100:328-30, 14 Feb 70 (Ger)
- [Blood circulation changes in thrombocyte-poor rabbits after endotoxin and histamine administration] Neuhof H, et al. *Verh Deutsch Ges Kreislaufforsch* 34:218-22, 1968 (Ger)
- [Role of the blood platelets in blood hypercoagulability induced by adrenaline] Rubegni M, et al. *G Geront* 17:837-43, Sep 69 (Ita)
- [Phylogenetic studies on blood platelets-comparative physiology of spindle cells] Kimura E. *Acta Haemat Jap* 32:1-6, Feb 69 (Jap)
- [Adhesion and aggregation of blood platelets] Yamanaka M. *Acta Haemat Jap* 32:32-7, Feb 69 (Jap)
- [Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T. *Jap J Clin Med* 28:1448-54, May 70 (20 ref.) (Jap)
- [Blood coagulation and hemostasis] Matsuoaka M. *Jap J Clin Path* 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Platelet function tests] Terada H, et al. *Jap J Clin Path* 16:Suppl 16:48-58, 1969 (Jap)
- [Changes of hemostatic functions of rabbit platelets after cholesterol diet feeding] Farbiszewski R, et al. *Acta Physiol Pol* 20:719-25, 1969 (Pol)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-68, 1970 (201 ref.) (Pol)
- [Biochemical aspects of various hemostatic platelet disorders] Farbiszewski R, et al. *Wiad Lek* 23:37-42, 1 Jan 70 (Pol)
- [Mechanisms of blood platelet participation in the maintenance of vascular wall resistance] Shiriaev VV. *Biull Eksp Biol Med* 69:53-4, May 70 (Rus)



# SUBJECT SECTION

## BLOOD

[Change in some functional properties of thrombocytes in animals after splenectomy] Pastorova VE, et al. *Probl Gemat* 13:39-42, Apr 68 (Rus)

### PHYSIOPATHOLOGY

- Adenosine-diphosphate-induced platelet adhesiveness in patients with ischaemic heart disease. Sjögren A, et al. *Acta Med Scand* 187:89-94, Jan-Feb 70
- The electrophoretic mobility of red cells and platelets and the plasma viscosity in coronary heart disease. Karppinen K. *Acta Med Scand [Suppl]* Suppl 506:7+, 1970
- The management of pulmonary embolic disease. Thomas DP. *Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)
- Thrombokinetics in idiopathic thrombocytopenic purpura. Harker LA. *Brit J Haemat* 19:95-104, Jul 70
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al. *Brit J Haemat* 18:625-36, Jun 70
- Lymphocyte kinetics in chronic lymphocytic leukaemia. Spivak JL, et al. *Brit J Haemat* 18:511-22, May 70
- Platelet life-span and sites of platelet sequestration in onyala. Lurie A, et al. *Brit Med J* 4:146-8, 18 Oct 69
- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- The survival time of platelets in experimental mural thrombi. Woolf N, et al. *J Path* 97:595-601, Apr 69
- Guides to the evaluation of permanent impairment. The hematopoietic system. *JAMA* 213:1314-24, 24 Aug 70
- Focal tissue necrosis. Hardaway RM 3d. *Laryngoscope* 79:1705-12, Oct 69
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- Long-term inhibition of platelet functions by aspirin. Atac A, et al. *Proc Soc Exp Biol Med* 133:1331-3, Apr 70
- Catheter material and blood coagulation studies in vitro. Jacobsson B, et al. *Scand J Haemat* 6:386-94, 1969
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. *Scand J Haemat Suppl* 5:5-97, 1969
- [Kinetics of the thrombopoiesis using the <sup>75</sup>Se-methionine] Ardallou N, et al. *Nouv Rev Franc Hemat* 9:889-95, Nov-Dec 69 (Fre)
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Analysis of platelet function. Measurement of the release of acid phosphatases] Kubisz P, et al. *Rev Europ Etud Clin Biol* 15:123-6, Jan 70 (Fre)
- [The phenomenon of inhibition of platelet aggregation of extrinsic ADP. Possible technic of detection of antiplatelet-antibodies (preliminary note)] Kondi V, et al. *Rev Franc Transfus* 13:99-103, Mar 70 (Fre)
- [Life-span and destruction of human thrombocytes] Bleifeld W. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)
- [Thrombopenic hypersplenism in splenomegalic cirrhosis of the liver] Gehrman G, et al. *Deutsch Med Wschr* 95:1429-32, 3 Jul 70 (Ger)
- [Etiology of hemophilia. New aspects of factor VIII deficiency] Marcsek M, et al. *Munchen Med Wschr* 112:1377-80, 24 Jul 70 (Ger)
- [Studies on platelet metabolism in relation to platelet functions] Salto M, et al. *Acta Haemat Jap* 32:23-31, Feb 69 (Jap)
- [Studies on the adhesiveness of human blood platelets--the pathophysiological significance of the adhesiveness of the human blood platelets in alimentary lipemia in coronary sclerosis] Takamiya T. *J Jap Soc Intern Med* 58:1170-8, 10 Nov 69 (Jap)
- [Disorders of hemostatic function of blood platelets in experimental trichomoniasis and vitamin C deficiency in guinea pigs] Hoffmann B, et al. *Wlad Parazyt* 15:343-6, 1969 (Pol)
- [Mechanisms of blood platelet participation in the maintenance of vascular wall resistance] Shiriaev VV. *Biull Eksp Biol Med* 69:53-4, May 70 (Rus)
- [The state of thrombopoiesis in hemocytoblastosis] Kalantar NR. *Zh Eksp Klin Med* 9:64-8, 1969 (Rus)
- [A study of thrombopoiesis in chronic leucosis in connection with different methods of treatment] Pogolian AS, et al. *Zh Eksp Klin Med* 9:86-90, 1969 (Rus)

### RADIATION EFFECTS

- Stimulation of thrombocytopenia in irradiated mice. Ebbe S, et al. *Blood* 35:783-92, Jun 70
- Reduced platelet adhesiveness after whole-body x-irradiation. Kagnoff MF. *Int J Radiat Biol* 15:587-90, 1969
- The effect of continuous oral administration of taurine in mice after whole body irradiation. Tsuchiya T, et al. *Nippon Acta Radiol* 29:540-6, Aug 69
- Bone marrow megakaryocyte system and plasma thrombopoietic activity in x-ray irradiated mice with and without partial shielding. Krizsa F, et al. *Strahlentherapie* 137:712-7, Jun 69
- Mechanism whereby platelets support the endothelium. Wojcik JD, et al. *Transfusion* 9:324-35, Nov-Dec 69
- [Kinetics of the thrombopoiesis using the <sup>75</sup>Se-methionine] Ardallou N, et al. *Nouv Rev Franc Hemat* 9:889-95, Nov-Dec 69 (Fre)
- [Studies on young and old thrombocytes] Kummer H, et al. *Schweiz Med Wschr* 100:328-30, 14 Feb 70 (Ger)
- [Ultrastructure of thrombocytes in prolonged exposure of rats to small amounts of Mn-54] Lysogorov NV, et al. *Med Radiol (Moskva)* 14:42-6, Dec 69 (Rus)
- [Some quantitative changes in thrombocytopenic system in acute radiation sickness] Rudakov IA. *Radiobiologia* 9:617-20, Jul-Aug 69 (Rus)
- [Hemopoiesis under the effect of electromagnetic waves] Gorodetskaia SF, et al. *Fiziol Zh (Kiev)* 15:805-11, Nov-Dec 69 (Ukr)

### SECRETION

- Vasoactivity of adenine nucleotides released in vitro from blood cells by thrombin. Swedenborg J. *Acta Physiol Scand* 79:359-68, Jul 70
- A search for the platelet secretory pathway using electron dense tracers. White JG. *Amer J Path* 58:31-49, Jan 70
- Serum and plasma infusion in human pulmonary artery. Embolic implications. Dally PA, et al. *Arch Surg (Chicago)* 101:26-31, Jul 70
- Thrombin-induced release of glycolytic intermediates from rat platelets. Zivkovic RV, et al. *Biochim Biophys Acta* 201:502-5, 24 Mar 70
- Release of vasoactive amines from rabbit platelets induced by sensitized mononuclear leukocytes and antigen. Henson PM. *J Exp Med* 131:287-306, Feb 70
- The blood platelet release reaction. Holmsen H, et al. *Scand J Haemat* 3:26, 1969
- The release reaction of secretion. Stormorken H. *Scand J Haemat Suppl* 9:1-24, 1969 (133 ref.)
- Comparative study on the effect of staphylococcal alpha-toxin on erythrocytes and thrombocytes. Nosál R, et al. *Toxicon* 7:255-62, Dec 69

### BLOOD PRESERVATION

- Erythrocyte transketolase activity. Chong YH, et al. *Amer J Clin Nutr* 23:261-6, Mar 70
- Stability of blood in commonly used anticoagulants. Use of refrigerated blood for quality control of the Coulter Counter Model S. Brittin GM, et al. *Amer J Clin Path* 52:690-4, Dec 69
- Assay for erythrocyte adenosine monophosphate deaminase (AMP aminohydrolase, EC 3.5.4.6) and effects of certain blood preservatives on this enzyme. Otake K, et al. *Amer J Clin Path* 52:565-71, Nov 69
- Preservation of blood in acid-citrate-dextrose anticoagulant solution for more than twenty-one days. Comparison of four solutions. Strumia PV, et al. *Amer J Clin Path* 52:671-8, Dec 69
- Adenine nucleotide metabolism in stored human platelets. Otake K, et al. *Amer J Path* 56:393-403, Sep 69
- Open heart surgery in the infant. Malm JR, et al. *Amer J Surg* 119:613-6, May 70
- U.S. Army Surgical Research Program. Recent progress and current interests. Pizak LF Jr, et al. *Amer J Surg* 118:356-62, Sep 69 (29 ref.)
- Infectivity of *Anaplasma marginale* after long-term storage in bovine blood. Summers WA, et al. *Amer J Vet Res* 31:1517-8, Aug 70
- Screen filtration pressure in combat casualties. McNamara JJ, et al. *Ann Surg* 172:334-41, Sep 70
- Death associated with multiple pulmonary emboli soon after battle injury. Moseley RV, et al. *Ann Surg* 171:336-46, Mar 70



- Changes in the filtration characteristics of stored blood. Moseley RV, et al. *Ann Surg* 171:329-35, Mar 70
- Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Fuller AM, et al.
- Arch Otolaryng (Chicago) 91:296-8, Mar 70
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. *Bibl Haemat* 34:9-17, 1970
- Human erythrocyte membrane. Uptake of progesterone and chemical alterations. Devenuto F, et al. *Biochim Biophys Acta* 193:36-47, 14 Oct 69
- Effects of freezing on peripheral leucocytes. Luyet B, et al. *Biodynamica* 10:241-59, 1969
- A search for the factors of injury in the rewarming of rapidly frozen blood. Pribor D, et al. *Biodynamica* 10:229-40, 1969
- Autoradiography of diffusible compounds in human nonnucleated erythrocytes: studies with tritiated glucose and adenine. Greenwalt TJ, et al. *Blood* 35:624-36, May 70
- Storage of platelet concentrates at 22 degrees C. Murphy S, et al. *Blood* 35:549-57, Apr 70
- Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of screening tests of clot solubility. Dvilansky A, et al. *Brit J Haemat* 18:399-410, Apr 70
- Preparation and uses of platelet concentrates. Kay HE. *Brit J Haemat* 17:603, Dec 69
- Experimental transfusions of frozen blood contaminated with E. coli. Rudowski W, et al. *Bull Pol Med Sci Hist* 13:29-33, Jan 70
- The metabolism of the erythrocyte. XIX. Factors affecting esterification of linoleate by human erythrocytes. Shastri K, et al. *Canad J Biochem* 47:967-75, Oct 69
- Appraisal of collection techniques and storage temperatures on turkey plasma cholinesterase levels and blood glutathione concentrations. Mukherjee TK, et al. *Canad J Comp Med* 33:233-4, Jul 69
- A serum reference standard for automated total protein and albumin procedures. Keyser JW, et al. *Clin Chem* 16:147, Feb 70
- In vitro formation of ammonia in blood of g and man. Prytz B, et al. *Clin Chem* 16:777-9, Apr 70
- Phenotyping of hyperlipoproteinemias. Effect on electrophoretic pattern of serum storage at ambient, refrigerator, or freezing temperatures. Winkelman J, et al. *Clin Chem* 16:507-11, Jun 70
- Automated serum carbon dioxide content determinations as a screening test for disorders of the acid-base state. Went J, et al. *Clin Chim Acta* 26:559-66, Dec 69
- Cryobiology of platelets. I. Aminopeptidase activity as a measure of intactness of platelets in vitro. Greiff D, et al. *Cryobiology* 6:194-9, Nov-Dec 69
- A method for the storage of human blood lymphocytes. Meeteva G, et al. *Folia Biol (Praha)* 15:478-9, 1969
- The effect of benzethonium chloride on the antigens of pertussis vaccine. Wetterlow LH, et al. *Int Arch Allerg* 37:143-53, 1970
- Blood transfusion and transfusion reactions. Bechtoldt AA Jr. *J Amer Ass Nurse Anesth* 37:450-9, Dec 69
- Energy substrate metabolism in fresh and stored human platelets. Cohen P, et al. *J Clin Invest* 49:119-27, Jan 70
- Investigations and preparation of fibrinogen-coated tan A/Das PC: Investigations and preparation of fibrinogen-coated tanned sheep red cells. Das PC. *J Clin Path* 23:149-55, Mar 70
- Estimation of platelet adhesiveness on whole blood and platelet-rich plasma. Shaw S, et al. *J Clin Path* 23:144-8, Mar 70
- In vitro inhibition of glycolysis in blood and its effect on the haematocrit. Anderson DM. *J Comp Path* 79:525-35, Oct 69
- Reaginic-type of antibody in mice stimulated by extracts of *Bordetella pertussis*. Clausen CR, et al. *J Immunol* 103:768-77, Oct 69
- Immunochemical quantitation of human CI esterase (CIs): concentration in normal serum and purification yields. Nagaki K, et al. *J Immunol* 105:170-4, Jul 70
- Need for whole blood-not fractionated plasma. *J Indian Med Ass* 53:571, 16 Jun 69
- Studies on the preservation of human blood. V. The effect of mixing anticoagulated blood during storage on the poststorage erythrocyte survival. Dern RJ, et al. *J Lab Clin Med* 75:37-42, Jan 70
- Studies on lipid peroxides in platelets. I. Method of assay and effect of storage. Okuma M, et al. *J Lab Clin Med* 75:283-96, Feb 70
- The poststorage viability of glucose-6-phosphate dehydrogenase-deficient erythrocytes. Orlina AR, et al. *J Lab Clin Med* 75:930-6, Jun 70
- The preservation of blood for transfusion. VII. Effect of adenine and inosine on the adenosine triphosphate and viability of red cells when added to blood stored from zero to seventy days at 1 degree C. Strumia MM, et al. *J Lab Clin Med* 75:244-9, Feb 70
- Autologous blood transfusion in pulmonary surgery. Daggett WM, et al. *J Thorac Cardiovasc Surg* 59:546-50, Apr 70
- Asymptomatic cytomegalovirus infection following blood transfusion in tumor surgery. Stevens DP, et al. *JAMA* 211:1341-4, 23 Feb 70
- Autologous transfusions in uraemic patients. Akerblom O, et al. *Lancet* 2:385-7, 22 Aug 70
- Validity of plasma-catecholamine estimations. Carruthers M, et al. *Lancet* 1:62-7, 11 Jul 70
- Plasma-catecholamine estimations. Carruthers M, et al. *Lancet* 2:421, 22 Aug 70
- Detection of a new serum-antigen in three epidemics of short-incubation hepatitis. Del Prete S, et al. *Lancet* 2:579-81, 19 Sep 70
- Contamination of blood stored in plastic packs. Gesler RM, et al. *Lancet* 1:1227, 6 Jun 70
- Contamination of blood stored in plastic packs. Jaeger RJ, et al. *Lancet* 2:151, 18 Jul 70
- Plasticisers from P.V.C. Jaeger RJ, et al. *Lancet* 2:778, 10 Oct 70
- Prevention of the post-transfusion syndrome. Langenhuyzen MM. *Lancet* 2:849, 18 Oct 69
- Effect of blood-bank storage on leucocyte function. McCullough J, et al. *Lancet* 2:1333-7, 20 Dec 69
- Contamination of blood stored in plastic packs. Marcel YL, et al. *Lancet* 1:35-6, 3 Jan 70
- The influences of heredity and environment on the red cells' function of oxygen transport. Oski FA, et al. *Med Clin N Amer* 54:731-43, May 70
- Study of military blood banking and crossmatching using blood group antigens stored over five months in ACD-adenine. Camp FR Jr, et al. *Milit Med* 134:1317-22, Oct 69
- Red Cross blood and hepatitis. Kilman A. *New Eng J Med* 282:101-2, 8 Jan 70
- The effect of haematocrit and anticoagulants on the rate of packing of erythrocytes by a centrifuge. Rampling M, et al. *Phys Med Biol* 15:15-21, Jan 70
- Relative viscosity and specific gravity of human blood during cold storage. DeVenuto F, et al. *Proc Soc Exp Biol Med* 134:169-73, May 70
- A simple method for concentrating serum by freezing and thawing. Hollender A. *Scand J Clin Lab Invest* 25:63-4, Jan 70
- Catheter material and blood coagulation studies in vitro. Jacobsson B, et al. *Scand J Haemat* 6:386-94, 1969
- Summer hibernation induced by cryogenically preserved blood "trigger". Dawe AR, et al. *Science* 168:497-8, 24 Apr 70
- Lipids of human red cell membrane: normal composition and variability in disease. Cooper RA. *Seminars Hemat* 7:296-322, Jul 70 (202 ref.)
- Course of plasma ionized calcium following rapid infusion of acid citrate dextrose solution. Killen DA, et al. *Surg Forum* 20:95-6, 1969
- The basis of defective oxygen delivery from stored blood. Sugerman HJ, et al. *Surg Gynec Obstet* 131:733-41, Oct 70
- Use of heparinized priming blood after whole-body perfusion. Tarhan S, et al. *Surgery* 67:584-9, Apr 70
- Factor 8 in fresh frozen plasma. Selection of units of plasma with high activity in the hospital blood bank. Hynes HE. *Techn Bull Regist Med Techn* 39:228-30, Oct 69
- Temperature stabilization of whole blood coagulation times using a portable incubation block. Miller LA, et al. *Techn Bull Regist Med Techn* 39:242-5, Nov 69
- A refrigerator-freezer for the differential storage of human blood. Miya F, et al. *Techn Bull Regist Med Techn* 39:207-9, Sep 69
- Quantitative determination of plasminogen. A caseinolytic method. Bruhn HD, et al. *Thromb Diath Haemorrh* 23:191-201, 1970
- Separation and prolongation of viability of human lymphocytes for tissue typing. Evaluation of a technic. Collins Z, et al. *Transfusion* 10:21-5, Jan-Feb 70
- Hemoglobin function of blood stored at 4 C in ACD and CPD with adenine and inosine. Dawson RB Jr, et al. *Transfusion* 10:113-20, May-Jun 70



# SUBJECT SECTION

## BLOOD

- Studies of the metabolic integrity of human red blood cells after cryopreservation. I. Effects of low-glycerol-rapid-freeze preservation on energy status and intracellular sodium and potassium. Derrick JB, et al. *Transfusion* 9:317-23, Nov-Dec 69
- Autoradiography of soluble metabolites in red blood cells. Greenwalt TJ, et al. *Transfusion* 9:314-6, Nov-Dec 69
- Changes in physical properties of stored erythrocytes relationship to survival in vivo. Haradin AR, et al. *Transfusion* 9:229-37, Sep-Oct 69
- A computer-based blood inventory and information system for hospital blood banks as part of a regional blood-management program. Hirsch RL, et al. *Transfusion* 10:194-202, Jul-Aug 70
- Alteration of deformability of the erythrocyte membrane in stored blood. La Celle PL. *Transfusion* 9:238-45, Sep-Oct 69
- Development of an automated blood inventory and information system for a regional transfusion service. Masouredis SP, et al. *Transfusion* 10:182-93, Jul-Aug 70
- Complement preservation in citrated human blood. Reich ML, et al. *Transfusion* 10:14-6, Jan-Feb 70
- Circulation of concentrated one-day-old platelets in vivo. Roy A, et al. *Transfusion* 10:52-7, Mar-Apr 70
- Recovery of glycerolized red blood cells frozen in liquid nitrogen. Runck AH, et al. *Transfusion* 9:297-305, Nov-Dec 69
- Studies on stored whole blood. IV. Effects of temperature and mechanical agitation on blood with and without plasma. Shields CE. *Transfusion* 10:155-62, Jul-Aug 70
- Clinical evaluation of transfused blood after long-term storage in ACD with adenine. Shields CE, et al. *Transfusion* 9:246-50, Sep-Oct 69
- Measurement of erythrocyte survival during open-heart surgery. Szymanski IO, et al. *Transfusion* 10:163-70, Jul-Aug 70
- Viability of glycerolized red blood cells frozen in liquid nitrogen. Valeri CR, et al. *Transfusion* 9:306-13, Nov-Dec 69
- Therapeutic effectiveness of homologous erythrocyte transfusions following frozen storage at -80 C for up to seven years. Valeri CR, et al. *Transfusion* 310:102-12, May-Jun 70
- Transport of lymphocytes for typing. Uhse HG, et al. *Transplantation* 8:311-4, Sep 69
- Study of military blood banking and crossmatching using blood group antigens stored over five months in ACD-adenine (progress report). Rep No 816. Camp FR Jr, et al. *US Army Med Res Lab* 1-11, 10 Mar 69
- The hemoglobin function of blood stored at 4 degrees C. Rep No 836. Dawson RB Jr, et al. *US Army Med Res Lab* 1-11, 1 Oct 69
- Effects of environmental temperature on selected blood shipping containers. Rep No 809. McPeak DW, et al. *US Army Med Res Lab* 1-7, 2 Apr 69
- Studies on stored liquid whole blood. I. Effect of volume transfused on in vivo survival measurement. USAMRL Report No. 826. Shields CE. *US Army Med Res Lab* 1-8, 1 Aug 69
- Studies on stored liquid whole blood. 3. Evaluation of plastic collection containers. Rep No 833. Shields CE. *US Army Med Res Lab* 1-4, 11 Sep 69
- Clinical evaluation of transfused blood after long-term storage in ACD with adenine (interim report). Rep No 808. Shields CE, et al. *US Army Med Res Lab* 1-8, 21 Apr 69
- The viscosity of equine blood plasma: a new non-specific test. Archer RK, et al. *Vet Rec* 86:360-3, 28 Mar 70
- Stability of immune serum globulin during storage: effects of prior heating. Art GP, et al. *Vox Sang* 17:419-33, Nov 69
- A simple method for freezing of lymphocytes with retained viability. Elgeklint G, et al. *Vox Sang* 17:453-8, Nov 69
- Value of adenine, various nucleosides, and ouabain in maintenance of integrity of red blood cells under blood bank conditions. Oda K, et al. *Vox Sang* 17:375-92, Nov 69
- Stability of immune serum globulin during storage: effects of modifications in the fractionation scheme. Painter RH, et al. *Vox Sang* 17:434-44, Nov 69
- The effect of storage on adhesion and aggregation of platelets. Shively JA, et al. *Vox Sang* 18:204-15, Mar 70
- Complement-fixing platelet iso-antibodies. 3. Quantitation of the HL-A2 antigen on platelets. Sveigaard A. *Vox Sang* 17:112-28, Aug 69
- Automatically controlled continuous recovery of plasma protein fractions for clinical use. A preliminary report. Watt JG. *Vox Sang* 18:42-61, Jan 70
- [A few remarks of the immunohematologist in connection with administration of exchange transfusions in the newborn with hemolytic disease (with respect to the transfusion material)] Kulich V, et al. *Cesk Gynek* 34:488-90, Oct 69 (Cze)
- [Effect of adiplodone on preserved blood] Svoboda M, et al. *Cesk Radiol* 24:31-5, Jan 70 (Cze)
- [Essentials of effective hemotherapy] Dobry E. *Rozhl Chir* 49:218-23, Apr 70 (Cze)
- [Polyvinylpyrrolidone as a protective agent in preservation of erythrocytes by freezing] Dobry E, et al. *Vnitri Lek* 15:1152-5, Dec 69 (Cze)
- [Blood preservation using vitamin E] Fiala J, et al. *Vnitri Lek* 16:359-66, Apr 70 (Cze)
- [Mechanical fragility of conserved red blood cells] Fiala J, et al. *Vnitri Lek* 16:851-6, Sep 70 (Cze)
- [Blood coagulation factors in preserved blood and plasma. 1] Vlckova M. *Vnitri Lek* 15:1094-100, Nov 69 (Cze)
- [Blood coagulation factors in preserved blood and plasma. 2] Vlckova M. *Vnitri Lek* 16:73-81, Jan 70 (Cze)
- [Influence of beta-propiolactone (BPL) on the activity of clotting factors of human plasma (experiments in vitro). 2] Vlckova M, et al. *Vnitri Lek* 16:857-61, Sep 70 (Cze)
- [Required properties of material for blood receptacles] Wiese CF. *Nord Med* 83:728-9, 1970 (Dan)
- [Blood and fractionation of blood] Soeterboek AM. *Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)
- [Investigation of the preservation of serum and plasma samples to be used for biological analysis] Traverse PM de, et al. *Ann Biol Clin (Paris)* 27:253-8, Mar-Apr 69 (Fre)
- [Lymphocyte preservation in liquid nitrogen] Wybran J. *Nouv Rev Franc Hemat* 9:627-32, Sep-Oct 69 (Fre)
- [Preservation of erythrocytes intended for immunohemolysis reactions] Dubois MP. *Path Biol (Paris)* 17:791-2, Aug-Sep 69 (Fre)
- [Technic of preparation of suspensions of pure lymphocytes from swine blood] Valman M, et al. *Rev Europ Etud Clin Biol* 15:572-5, May 70 (Fre)
- [Preservation at -85 degrees C of a stock of red blood cells of rare phenotypes] Salmon C, et al. *Rev Franc Transfus* 13:37-46, Mar 70 (Fre)
- [Electrokinetic effects in the blood suspension. I. Elementary theoretical aspects. Modifications during preservation. Study on the isoelectric point for erythrocytes and blood platelets] Stoltz JF, et al. *Rev Franc Transfus* 12:409-21, Dec 69 (Fre)
- [Viability of preserved blood, transfused after a variable delay of preservation and tested initially by A.C.D. solution. Isotope study] Berthou F, et al. *Rev Lyon Med* 18:251-6, 15 Apr 69 (Fre)
- [Effect of dipyrindamole on blood preservation] Philipp G, et al. *Acta Biol Med German* 23:Suppl:K 31+, 1969 (Ger)
- [The introduction and use of the data technic for registration in the blood donor service] Högman CF. *Bibl Haemat* 32:165-9, 1969 (Ger)
- [On the use of dimethyl sulfoxide in the preservation of erythrocytes and proliferating cells] Hoppe I. *Bibl Haemat* 32:217-21, 1969 (Ger)
- [Experiences with single plasma units stored at room temperature] Langfelder M, et al. *Bibl Haemat* 32:333-6, 1969 (Ger)
- [On the formation of thrombocyte aggregates in preserved blood and the hazards of blood transfusion caused by this condition] Neuhof H, et al. *Bibl Haemat* 32:288-91, 1969 (Ger)
- [The preservation of erythrocytes at -196 centigrades] Seidl S, et al. *Bibl Haemat* 32:205-11, 1969 (Ger)
- [Problems in the procurement and preparation of immunoglobulin anti-D. Round table discussion] Bibl Haemat 32:150-64, 1969 (Ger)
- [The freeze preservation of blood. I. The use of low glycerin concentrations at temperatures of minus 196 degrees C] Seidl S, et al. *Blut* 20:148-56, 1970 (Ger)
- [Lymphocyte isolation from donor blood for preparing anti-human lymphocyte sera] Preussner S, et al. *Deutsch Gesundh* 24:2050-4, 23 Oct 69 (Ger)
- [Current management in major surgical interventions in patients with hemophilia A] Wedell J, et al. *Deutsch Med Wschr* 94:2539-44, 5 Dec 69 (Ger)
- [Faulty determination of MNSs and Fy(a) factors as well as rhesus factors CcDEe in aged blood samples]



- Oepen I.  
Deutsch Z Ges Gerichtl Med 66:130-8, 1969 (Ger)
- [A simple procedure for preservation of erythrocytes with bound antigens for the hemagglutination test] Izbičký A, et al. Experientia 26:335-6, 15 Mar 70 (Ger)
- [Experiences in the use of Cohn's fraction I] Beeser H, et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)
- [The preparation of thermostable antiglobulin sera] Boczar A, et al.  
Folia Haemat (Leipzig) 92:418-20, 1969 (Ger)
- [Results of bacteriological studies on erythrocyte sediments. Results from a bacteriological work group] Kramer K, et al.  
Folia Haemat (Leipzig) 92:243-51, 1969 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E.  
Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)
- [In-vivo control of blood coagulation fractions] Richter K, et al. Folia Haemat (Leipzig) 93:344-8, 1970 (Ger)
- [Preparation and conservation of platelet concentrates] Stein P, et al.  
Folia Haemat (Leipzig) 92:577-81, 1969 (Ger)
- [Further experimental studies on preparations following a modified method of factor VIII (AHG) isolation by freeze precipitation. II] Wegner H, et al.  
Folia Haemat (Leipzig) 93:320-6, 1970 (Ger)
- [Preparation and therapeutic use of platelet concentrates] Wegner H, et al.  
Folia Haemat (Leipzig) 92:582-7, 1969 (Ger)
- [Agglutination pastes—a new method for stabilization] Wegrzecki T.  
Folia Haemat (Leipzig) 92:415-7, 1969 (Ger)
- [Comments on the article by E. Maurer: "Therapy with anticoagulants"] Jürgens J.  
Internist (Berlin) 10:Suppl:36-7, Aug 69 (Ger)
- [Legal problems in blood transfusion] Orth GW.  
Internist (Berlin) 10:59-60, Feb 69 (Ger)
- [Preserved heparin-blood mixture for exchange transfusions] Schubert W, et al.  
Kinderarztl Prax 38:27-9, Jan 70 (Ger)
- [Cryosurgery and cryobiology in the USA] Schwelshelmer W.  
Munchen Med Wschr 111:2513-6, 28 Nov 69 (Ger)
- [Extracorporeal circulation with Edglucate blood] Neef H. Thoraxchirurgie 18:128-34, Apr 70 (Ger)
- [Test programs and shipment of samples for laboratory tests] Poetschke G.  
Z Allgemeinmed 46:125-35, 30 Jan 70 (Ger)
- [Serologic criteria of the durability of test erythrocytes during storage at 4 degrees C in media containing phosphates and nucleosides] Boden B.  
Z Ges Inn Med 24:903-7, 15 Dec 69 (Ger)
- [Modification of acid-base equilibrium and electrolyte balance following transfusions of stored and ACD-stabilized blood] Liebold F, et al.  
Z Ges Inn Med 25:54-8, 15 Jan 70 (Ger)
- [Improved blood preservation by addition of adenine and guanosine] Roigas H, et al.  
Z Ges Inn Med 24:850-6, 1 Dec 69 (Ger)
- [Use of plastic bags for blood preservation—comparison of glass bottles with plastic bags] Roigas H, et al.  
Z Ges Inn Med 24:844-50, 1 Dec 69 (Ger)
- [Effect of potassium content in blood preserves on the organism of the recipient] Schille E, et al.  
Z Ges Inn Med 24:857-60, 1 Dec 69 (Ger)
- [Biochemical criteria of the durability of test erythrocytes during storage at 4 degrees C in a medium containing phosphates and nucleosides] Strauss D, et al.  
Z Ges Inn Med 24:897-902, 15 Dec 69 (Ger)
- [Use of citrate poor stabilizers in blood preservation] Strauss D, et al. Z Ges Inn Med 24:841-4, 1 Dec 69 (Ger)
- [6 weeks' storage of erythrocyte resuspensions and erythrocyte concentrate] Strauss D, et al.  
Z Ges Inn Med 24:891-6, 15 Dec 69 (Ger)
- [Determination of iron in fresh and stored sera] Hoeflmayr J, et al. Z Klin Chem 7:200, Mar 69 (Ger)
- [Inactivation of adrenocorticotrophic hormone (ACTH). I. Inactivation of ACTH in the normal human plasma, and relationship between the structure and stability of ACTH] Matsuyama H.  
Folia Endocr Jap 45:163-72, 20 May 69 (Jap)
- [Preservation of the erythrocyte for examination and morphological study] Kurokawa I, et al.  
Jap J Clin Path 17:875-82, Sep 69 (Jap)
- [Advances in preservation of frozen blood for transfusion] Sumida S, et al.  
Shujutsu 24:472-84, Apr 70 (Jap)
- [Present status and the future of frozen blood transfusion] Sumida S, et al.  
Surg Ther (Osaka) 22:545-54, Mar 70 (Jap)
- [Serum calcium and potassium levels in newborns with non-conflicting hyperbilirubinemia without blood incompatibility treated by exchange transfusion] Sawa H, et al. Pediat Pol 45:799-805, Jul 70 (Pol)
- [Effect of small X-ray doses on preserved blood] Sztor M, et al. Pol Przegl Radiol 34:427-34, May-Jun 70 (Pol)
- [Transfusion of erythrocytes stored at -196 C to patients with chronic anemia] Daszyński J, et al.  
Pol Tyg Lek 25:956-8, 29 Jun 70 (Pol)
- [Collection and storage of blood from cadavers] Beer Z.  
Wlad Lek 23:379-82, 1 Mar 70 (Pol)
- [The effect of conditions of collection and preservation of serum until the time of testing on the efficiency of adsorption with kaolin or extraction with acetone for the purpose of hemagglutination inhibition with West Nile virus] Duca E, et al.  
Stud Cercet Inframicrobiol 20:365-72, 1969 (Rum)
- [Clinical analysis of the effect of fibrinolysed and preserved donor blood in patients with anemia] Al'perin PM, et al. Probl Gemat 13:3-6, Apr 68 (Rus)
- [Separate obtaining of blood components and their preservation] Aronova ER, et al.  
Probl Gemat 13:56-7, Jan 68 (Rus)
- [Experience of 2-stage preparation of blood in rural locality] Baksheeva LP.  
Probl Gemat 13:54-5, May 68 (Rus)
- [Changes in coagulation components of preserved blood at various time periods of preservation] Bezborod'ko BN, et al.  
Probl Gemat 15:15-8, Mar 70 (Rus)
- [Use of uncitrated blood for the treatment of subacute and chronic hypoplastic anemia] Danilov IP.  
Probl Gemat 15:29-32, Mar 70 (Rus)
- [Our experience in preservation of erythrocytes by the freezing method with use of dimethyl sulfoxide (DMSO)] Dobry E, et al.  
Probl Gemat 13:50-2, Feb 68 (Rus)
- [Some data from a study of blood at various time periods of preservation with TsOLIPK-13 solution] Dudko NE, et al. Probl Gemat 15:18-20, Mar 70 (Rus)
- [An in vivo study of the biological properties of nucleated blood cells in patients with chronic myeloleukemia] Fainshtein FE, et al.  
Probl Gemat 14:12-20, Jul 69 (Rus)
- [Experience in transfusion of erythrocytes by prolonged freezing] Fedorova LI, et al.  
Probl Gemat 13:56-7, Dec 68 (Rus)
- [Mechanism of hemostatic effect of preserved blood in experimental disorders of functional status of blood coagulation system] Glants RM, et al.  
Probl Gemat 12:29-34, Sep 67 (Rus)
- [Provision of aseptic conditions in preparations of blood] Golosova TV, et al.  
Probl Gemat 13:52, May 68 (Rus)
- [Use of skin antiseptics for treatment of the hands of exsusionists and ulnar flexures of donors] Golosova TV, et al. Probl Gemat 13:53-4, Feb 68 (Rus)
- [Use of aerosol bactericidal flasks for air decontamination] Golosova TV, et al.  
Probl Gemat 13:58-9, Jan 68 (Rus)
- [Some present problems of transfusiology] Grozdov DM. Probl Gemat 13:3-7, Sep 68 (Rus)
- [Some characteristics of postagonal blood] Gutintova KP. Probl Gemat 13:20-1, May 68 (Rus)
- [Microclots in preserved blood] Kartashevskii NG, et al. Probl Gemat 13:6-9, May 68 (Rus)
- [On the problem of preparation of blood in arranged installations] Kharif MD.  
Probl Gemat 13:56, May 68 (Rus)
- [Experience in organization of the preparation of blood directly in medical institutions] Kharif MD.  
Probl Gemat 14:59-61, Aug 69 (Rus)
- [Search of optimal conditions for drying of erythrocytes] Kiselev AE, et al.  
Probl Gemat 13:3-7, Feb 68 (Rus)
- [Modeling of processes of overcooling and crystallization of preserved blood] Kozlov GA, et al.  
Probl Gemat 14:39-45, Mar 69 (Rus)
- [Effect of thermal treatment on properties of stabilized plasma protein preparation] Krivoruchko RA, et al. Probl Gemat 12:40-2, Sep 67 (Rus)
- [New method for storage and transportation of preserved blood at low and high temperatures and also for the protection of blood from radioactive emissions] Lipnitskii IF.  
Probl Gemat 15:55-6, Mar 70 (Rus)
- [Study of the effect of glass quality on bidistilled water stored for a long time and used for solving dry blood



# SUBJECT SECTION

# BLOOD

- preparations and blood substitutes] Manueva GN. *Probl Gemat* 14:58-60, Sep 69 (Rus)
- [Some biochemical indices of blood preserved by various methods and its recirculation in the apparatus of extracorporeal circulation] Mikhnovich EP, et al. *Probl Gemat* 14:49-53, Sep 69 (Rus)
- [Criteria of viability of transfused erythrocytes] Mosiagina EN. *Probl Gemat* 13:7-12, Feb 68 (Rus)
- [Bacteriological control of preserved blood, its components and preparations] Pozdniakov VA, et al. *Probl Gemat* 12:52-4, Sep 67 (Rus)
- [Changes of some coagulation factors in preserved blood] Rlyabyi PA. *Probl Gemat* 14:45-8, Mar 69 (Rus)
- [Preparation of fibrinolysin blood] Rudykh OD, et al. *Probl Gemat* 13:57-8, Dec 68 (Rus)
- [Coagulographic characteristic of various hemotransfusion media] Sharova IuA. *Probl Gemat* 14:37-41, Aug 69 (Rus)
- [Effect of nonorganic phosphate added to the preservative on the adenosine triphosphate levels in preserved blood stored for a long time] Sukhova AG, et al. *Probl Gemat* 15:20-4, Mar 70 (Rus)
- [Evaluation of the vital capacity of erythrocytes of cadaver blood using the isotope chromium Cr 51] Suvorova IA, et al. *Probl Gemat* 15:26-8, Apr 70 (Rus)
- [Electron microscopic study of whole blood erythrocytes fast-frozen with polyvinylpyrrolidone in liquid nitrogen] Terent'eva EI, et al. *Probl Gemat* 15:20-5, Apr 70 (Rus)
- [Precautionary measures in centrifugation of blood and its fractions in bottles] Ulianova ND. *Probl Gemat* 14:61, May 69 (Rus)
- [Preparation of blood by mobile teams--decisive factor in the development of free blood donation] Vasil'eva SG. *Probl Gemat* 13:53, May 68 (Rus)
- [Elaboration of the method of freezing and prolonged preservation of erythrocytes with glycerin at temperature range from -25 to -60 degree] Vinograd-Finkel' FR, et al. *Probl Gemat* 14:34-8, Mar 69 (Rus)
- [Current problems in the freezing of blood] Vinograd-Finkel' FR, et al. *Probl Gemat* 15:12-12, Apr 70 (Rus)
- [Study of morphology and some biochemical indices of preserved blood by different prescriptions of donor blood under condition of its circulation in the apparatus for artificial circulation] Vonograd-Finkel' FR, et al. *Probl Gemat* 13:59-61, Sep 68 (Rus)
- [A new method for preservation of diagnostic sera, intended for determination of erythrocytic antigens] Wenzelck T. *Probl Gemat* 13:50-1, May 68 (Rus)
- [A new stage of development of blood donation in the Soviet Union] Filatov AN, et al. *Soviet Zdravookhr* 27:47-50, 1968 (Rus)
- [Dried blood serum used for determination of antirhesus antibodies and their titer] Burenkova LV. *Soviet Zdravookhr Kirgiz* 6:11-5, Nov-Dec 69 (Rus)
- [Experimental-clinical evaluation of non-citrated blood prepared with a new sorbent] Filatov AN, et al. *Vestn Khir Grekov* 103:3-8, Sep 69 (Rus)
- [Biological value of blood used for reinfusion] Zhuravlev IuN, et al. *Vestn Khir Grekov* 104:110-3, May 70 (Rus)
- [Lyophilization of antigens and blood serum for blood sedimentation tests in hemoparasitic diseases of animals] Stepanova NI, et al. *Veterinariia* 46:45-7, Jun 69 (Rus)
- [Direct blood transfusion in the complex therapy of stomach and duodenal ulcer] Budagovskii MT, et al. *Voennomed Zh* 4:45-7, Apr 70 (Rus)
- [A new method of obtaining noncitrated blood] Buglov ED, et al. *Voennomed Zh* 12:66-8, Dec 69 (Rus)
- [Storing blood on board ship] Gurin NN, et al. *Voennomed Zh* 1:62-4, Jan 70 (Rus)
- [The effect of transportation on blood preservation] Karpov MV. *Voennomed Zh* 12:70-1, Dec 69 (Rus)
- [Blood storage and transfusion in a hot climate] Khook KA, et al. *Voennomed Zh* 12:69-70, Dec 69 (Rus)
- [Fezing fibrinolized blood] Kuleshov IuA, et al. *Voennomed Zh* 2:77-9, Feb 70 (Rus)
- [Use of cadaver blood in the treatment of thromboembolic diseases] Zykova KI. *Voennomed Zh* 12:72-3, Dec 69 (Rus)
- [Hazards associated with exchange blood transfusion in newborn infants (review of the literature)] Puchenok NA. *Vop Okhr Materin Dets* 14:51-4, Mar 69 (31 ref.) (Rus)
- [On duration of protection with dry immune homologous antitetanus plasma] Malyi GP, et al. *Zh Mikrobiol* 46:123-6, 1969 (Rus)

- [National and international collaboration in the transfusion of rare blood] Högman C. *Lakartidningen* 67:2741-3, 10 Jun 70 (Swe)
- [Blood specimen collection for the determination of ammonia under clinical biochemical laboratory conditions] Clevarek Z, et al. *Bratisl Lek Listy* 53:666-71, 1970 (Slo)
- [Effectiveness of blood exchange in the newborn] Chmelo K, et al. *Cesk Gynec* 34:490-3, Oct 69 (Slo)

## ADVERSE EFFECTS

- Spurious hypocalcemia in patients undergoing maintenance hemodialysis. Coburn JW, et al. *Amer J Clin Path* 52:572-6, Nov 69

## HISTORY

- [The history of blood transfusion] Brown D. *T Ziekenverpl* 22:1141-4, 1 Dec 69 (Dut)

## INSTRUMENTATION

- Separation and prolongation of viability of human lymphocytes for tissue typing. Evaluation of a technic. Collins Z, et al. *Transfusion* 10:21-5, Jan-Feb 70
- Recovery of glycerolized red blood cells frozen in liquid nitrogen. Runck AH, et al. *Transfusion* 9:297-305, Nov-Dec 69
- Transport of lymphocytes for typing. Uhse HG, et al. *Transplantation* 8:311-4, Sep 69
- [Automation in the blood group serological laboratory] Unger P. *Bibl Haemat* 32:176-89, 1969 (Ger)
- [Determination of thrombocyte survival time with 51Cr. II. Studies on the survival time of autologous thrombocytes in patients with pronounced thrombopenia] Adam W, et al. *Blut* 21:9-19, Jul 70 (Ger)
- [Stamp for filling labels] Ivanov LV. *Probl Gemat* 13:60, May 68 (Rus)
- [On the problem of hermetization of flasks with blood preparations and dry plasma] Kozlova MA, et al. *Probl Gemat* 13:58, May 68 (Rus)
- [New method for storage and transportation of preserved blood at low and high temperatures and also for the protection of blood from radioactive emissions] Lipnitskii IF. *Probl Gemat* 15:55-6, Mar 70 (Rus)
- [Suggestions for the installation and use of the model KS-30 sublimation devices] Pogorelov AI. *Probl Gemat* 13:58-9, May 68 (Rus)

## STANDARDS

- Commercially obtained blood and serum hepatitis. Allen JG. *Surg Gynec Obstet* 131:277-81, Aug 70
- [Initial steps of data processing (off-line) in the clinical-chemical work area (statistical quality control)] Busch H, et al. *Munchen Med Wschr* 111:1657-64, 15 Aug 69 (Ger)

## BLOOD VISCOSITY

- Pharmacological, rheological and surgical attempts to improve myocardial blood flow during coronary occlusion in dogs. Seeman T. *Acta Chir Scand Suppl* 400:3+, 1969
- The electrophoretic mobility of red cells and platelets and the plasma viscosity in coronary heart disease. Karppinen K. *Acta Med Scand [Suppl]* Suppl 506:7+, 1970
- Effects of vasoconstriction on blood viscosity in vivo. Baekström P, et al. *Acta Physiol Scand* 79:1A-2A, Jun 70
- A comparison of blood viscosity measured in vitro and in a vascular bed. Djojosingito AM, et al. *Acta Physiol Scand* 78:70-84, Jan 70
- The hyperviscosity syndrome, polysynovitis, polymyositis and an unusual 13S serum IgG component. Abruzzo JL, et al. *Amer J Med* 49:258-64, Aug 70
- The importance of erythrocyte deformability. Weed RI. *Amer J Med* 49:147-50, Aug 70 (45 ref.)
- Shear-dependent deformation of erythrocytes in rheology of human blood. Chien S, et al. *Amer J Physiol* 219:136-42, Jul 70
- Shear-dependent interaction of plasma proteins with erythrocytes in blood rheology. Chien S, et al. *Amer J Physiol* 219:143-53, Jul 70
- Effects of plasma viscosity and aggregation on



- whole-blood viscosity. Rand PW, et al. *Amer J Physiol* 218:681-8, Mar 70
- Influence of hematocrit and colloid on whole blood viscosity during volume expansion. Schrier RW, et al. *Amer J Physiol* 218:346-52, Feb 70
- Tissue circulation problems in anaesthesia. Sewell IA. *Ann Roy Coll Surg Eng* 46:132-4, Mar 70
- Dynamic blood coagulation, thrombus formation and degradation in patients with peripheral vascular disease (arteriosclerosis, including diabetic): an in vitro study. Ditenfass L, et al. *Ann Surg* 170:984-95, Dec 69
- Retinal and conjunctival haemorrhage in the newborn. Baum JD, et al. *Arch Dis Child* 45:344-9, Jun 70
- Neonatal polycythaemia. Dunn PM. *Arch Dis Child* 45:273, Apr 70
- Blood viscosity in newborn infant and diagnosis and treatment of hyperviscous states. Mackintosh T. *Arch Dis Child* 44:781-2, Dec 69
- Blood rheology - general review. Barras JP. *Bibl Haemat* 33:277-97, 1969 (51 ref.)
- Apparent viscosity of red blood cell suspensions in different plasma substitutes. Barras JP. *Bibl Haemat* 33:298-301, 1969
- Pressure changes in the pulmonary trunk produced by volume substitutes with different viscosity following unilateral pulmonary exclusion. Hartel W, et al. *Bibl Haemat* 33:357-63, 1969
- Modifications of some hemorheological characteristics (viscosity - sedimentation rate - erythrocyte morphology) after administration of certain plasma substitutes. Larcen A, et al. *Bibl Haemat* 33:330-7, 1969
- Further comments on the basic equation for coagulation. Blair GW. *Biorheology* 6:341-2, Apr 70
- Blood flow in non uniform tapered capillary tubes. Charm S, et al. *Biorheology* 4:175-83, Sep 67
- Obituary. Magnus Ingstrup Gregersen 1903-1969. (Gregersen MI), Chlen S. *Biorheology* 6:155-9, Jan 70
- Factors causing small vessel block. Copeman PW. *Biorheology* 6:257, Jan 70
- Some problems in hemorheology. Copley AL. *Biorheology* 6:247-8, Jan 70
- Microrheology of human blood in health and disease. Effect of blood subphases (I.A., the internal viscosity and aggregation of the blood cells) on blood viscosity and microcapillary flow, occlusion and infarction. Ditenfass L. *Biorheology* 6:245-6, Jan 70
- A viscometer for the study of blood. Evans A, et al. *Biorheology* 4:169-74, Sep 67
- The dynamic viscoelasticity of blood during coagulation. Fukada E, et al. *Biorheology* 6:247, Jan 70
- Rheology of human foetal blood with reference to haematocrit, plasma viscosity, osmolality and pH. Glombi A, et al. *Biorheology* 6:315-28, Apr 70
- Rheological significance of species differences in erythrocyte deformability. Gregersen MI, et al. *Biorheology* 6:249, Jan 70
- Vortex trails behind a cylinder in ox blood. Halikas GC. *Biorheology* 6:189-99, Jan 70
- Blood-plasma viscosity: an approximate temperature-invariant arising from generalised concepts. Harkness J, et al. *Biorheology* 6:169-87, Jan 70
- On the interrelation between blood viscosity and the erythrocyte sedimentation rate. Isogal Y, et al. *Biorheology* 6:245, Jan 70
- A multiplying microviscometer for blood. Jacobs HR. *Biorheology* 6:237, Jan 70
- Dynamic viscoelastic study for the structure of fibrin networks in the clots of blood and plasma. Kalbara M, et al. *Biorheology* 6:329-39, Apr 70
- Simultaneous determination of viscosity and surface tension of several biological liquids by Adachi's "capillary fall" method. Murakami Y. *Biorheology* 6:251, Jan 70
- Effect of slip on the rheology of a composite fluid: application to blood. Nubar Y. *Biorheology* 4:133-50, Sep 67
- Theory of steady flow of blood in a tapered tube and in an assembly of branching tubes. Oka S, et al. *Biorheology* 6:246-7, Jan 70
- Viscometric behavior of hardened erythrocytes in relation to deformability and size. Usami S, et al. *Biorheology* 6:249-50, Jan 70
- Waldenström's macroglobulinemia: correlation between expanded plasma volume and increased serum viscosity. MacKenzie MR, et al. *Blood* 35:394-408, Mar 70
- Simplified method for estimation of serum and plasma viscosity in multiple myeloma and related disorders. Wright DJ, et al. *Blood* 36:516-22, Oct 70
- Metabolic activity in single supraoptic neurones and its relation to osmotic stimulation. Watt RM. *Brain Res* 21:443-7, 29 Jul 70
- A comparison of Macrodex and stored blood as replacement for blood loss during planned surgery. 3. Red cell sequestration. Heath ML, et al. *Brit J Anaesth* 41:939-41, Nov 69
- Effects of dehydration, rehydration and overhydration on the blood and urine of oxen. Blanca W. *Brit Vet J* 126:121-33, Mar 70
- Relationship between viscosity and hematocrit in blood of normal persons and burn patients. Zingg W, et al. *Canad J Physiol Pharmacol* 48:202-5, Mar 70
- Biorheology and blood flow. Zingg W, et al. *Canad J Surg* 13:177-82, Apr 70 (14 ref.)
- Coronary conductance. Rodbard S, et al. *Cardiologia (Basel)* 53:219-41, 1968
- Dynamic blood coagulation and viscosity and degradation of artificial thrombi in patients with hypertension. Ditenfass L, et al. *Cardiovasc Res* 4:50-60, Jan 70
- The delivery and distribution of coronary collateral circulation. James TN. *Chest* 58:183-203, Sep 70 (57 ref.)
- Engineering simulation of the viscous behavior of whole blood using suspensions of flexible particles. Tickner EG, et al. *Circ Res* 25:389-400, Oct 69
- Acute hemodynamic effects of red cell volume reduction in polycythemia of cyanotic congenital heart disease. Rosenthal A, et al. *Circulation* 42:297-306, Aug 70
- Increased intracranial pressure. Langfitt TW. *Clin Neurosurg* 16:436-71, 1969 (63 ref.)
- Regulation of the cerebral circulation. Reivich M. *Clin Neurosurg* 16:378-418, 1969 (168 ref.)
- The human serum immunoglobulins. Mattioli C, et al. *DM* 1-35, Apr 70 (9 ref.)
- Rheonometric viscosity measurements of whole human blood at minimal shear rates down to 0.0009 sec<sup>-1</sup>. Copley AL, et al. *Experientia* 26:904-5, 15 Aug 70
- Flow through collapsible tubes and through in situ veins. Holt JP. *IEEE Trans Biomed Engin* 16:274-83, Oct 69
- The influence of some blood factors on alteration of circulation time in man. Mazumkar BN, et al. *Indian J Physiol Pharmacol* 11:113-20, Jul 67
- Hemorheology, plasma expanders, and nutritional blood flow. Groth CG. *Int Anesth Clin* 7:239-60, Summer 69
- Aspects of the autoregulation of cerebral blood flow. Häggendal E, et al. *Int Anesth Clin* 7:353-67, Summer 69 (23 ref.)
- General physiology of cerebral circulation. Harper AM. *Int Anesth Clin* 7:473-506, Fall 69 (105 ref.)
- Plasma protein electrophoretic pattern and blood viscosity in arteriosclerotic heart disease. Mrazek SA. *J Amer Geriatr Soc* 18:396-404, May 70
- Macroglobulinemia with hyperviscosity syndrome in a dog. Hurvitz AI, et al. *J Amer Vet Med Ass* 157:455-60, 15 Aug 70
- Interactions among erythrocytes under shear. Brooks DE, et al. *J Appl Physiol* 28:172-7, Feb 70
- Implications of a theory of erythrocyte motion in narrow capillaries. Fitz-Gerald JM. *J Appl Physiol* 27:912-8, Dec 69
- A simple method for continuous cross transfusion of blood between unrestrained rats. Müller-Ruchholtz W, et al. *J Appl Physiol* 28:383-6, Mar 70
- Studies of platelet adhesiveness, blood viscosity and the microcirculation in patients with thrombotic disease. Bygdeman S, et al. *J Atheroscler Res* 10:33-9, Jul-Aug 69
- Aggregation of gamma-G3 proteins: relevance to the hyperviscosity syndrome. Capra JD, et al. *J Clin Invest* 49:610-21, Mar 70
- Abnormal rheology of oxygenated blood in sickle cell anemia. Chlen S, et al. *J Clin Invest* 49:623-34, Apr 70
- The hyperviscosity syndrome. I. In IgG myeloma. The role of protein concentration and molecular shape. MacKenzie MR, et al. *J Clin Invest* 49:15-20, Jan 70
- Mucopolysaccharide in the blood of a patient with neuroblastoma. Broughton PM, et al. *J Clin Path* 23:246-8, Apr 70
- Reduced complement activity in sera of patients with Waldenström's macroglobulinemia. Glovsky M, et al. *J Immun* 104:1072-8, May 70
- Apparent viscosity of blood flowing in isolated rabbit ear. Areekul S. *J Med Ass Thai* 53:233-41, Apr 70



# SUBJECT SECTION

# CHRISTMAS

- Hyperviscosity in congenital heart disease. Kontras SB, et al. *J Pediatr* 76:214-20, Feb 70
- Physical factors affecting human blood viscosity. Litwin MS, et al. *J Surg Res* 10:433-6, Sep 70
- Macroglobulinemia associated with subcutaneous tumors: report of two cases. Silva J Jr, et al. *Johns Hopkins Med J* 125:84-91, Aug 69
- Does the cytotoxicity of immune lymphocytes depend on their stickiness? Chernyakhovskaya IYu, et al. *Lancet* 2:1200-1, 29 Nov 69
- Inhalation anesthesia for simple deep hypothermia induced by surface cooling. Okamura H. *Med J Osaka Univ* 20:29-79, Sep 69 (398 ref.)
- Lipemia retinalis: microcirculatory changes and lipid studies in a family. Chazan BI, et al. *Metabolism* 18:978-85, Dec 69
- Transfusion-reversible functional asplenia in young children with sickle-cell anemia. Pearson HA, et al. *New Eng J Med* 283:334-7, 13 Aug 70
- Syndromes of hyperviscosity. Wells R. *New Eng J Med* 283:183-6, 23 Jul 70 (19 ref.)
- Effect of hematoctrit on pressure-flow relations for perfused isolated lobes of the canine lung. Benis AM, et al. *Pflueger Arch* 314:347-60, 1970
- Red cell flexibility and electrical resistance of blood centrifuged at low g-values. Braasch D, et al. *Pflueger Arch* 317:228-35, 1970
- The microcirculation in shock. Matheson NA. *Postgrad Med J* 45:530-3, Aug 69
- Relative viscosity and specific gravity of human blood during cold storage. DeVenuto F, et al. *Proc Soc Exp Biol Med* 134:169-73, May 70
- Facilitated diffusion of oxygen and its possible significance; a review. Kreuzer F. *Resp Physiol* 9:1-30, Apr 70 (92 ref.)
- Hemoglobin interaction: modification of solid phase composition in the sickling phenomenon. Bertles JF, et al. *Science* 169:375-7, 24 Jul 70
- Shear degradation of fibrinogen in the circulation. Charm SE, et al. *Science* 170:466-8, 23 Oct 70
- Shear dependence of effective cell volume as a determinant of blood viscosity. Chien S. *Science* 168:977-9, 22 May 70
- Hemolysis near an ultrasonically pulsating gas bubble. Rooney JA. *Science* 169:869-71, 28 Aug 70
- Systemic resistance during cardiopulmonary bypass. Hardesty RL, et al. *Surg Forum* 20:185-8, 1969
- Changes in the maternal cardiovascular system during human pregnancy. Walters WA, et al. *Surg Gynec Obstet* 131:765-84, Oct 70 (173 ref.)
- Blood viscosity in the normal man. Litwin MS, et al. *Surgery* 67:342-5, Feb 70
- The viscosity of equine blood plasma: a new non-specific test. Archer RK, et al. *Vet Rec* 86:360-3, 28 Mar 70
- [Experimental and clinical study on the tolerance of cerebral capillaries for a new contrast medium (iothalamic acid salts)] Gonsette R, et al. *Acta Radiol [Diagn] (Stockholm)* 8:535-46, Nov 69 (Fre)
- [Study of various blood rheological properties using a capillary viscosimeter] Stoltz JF, et al. *Aggressologie* 11:119-25, Mar 70 (Fre)
- [Blood viscosity (apropos of J-P Barras's article)] Dognon A, et al. *Angiologie* 22:223-31, Jul-Aug 70 (Fre)
- [Measurement of vascular output] Carry C, et al. *Biol Med (Paris)* 58:173-284, May-Jun 69 (225 ref.) (Fre)
- [A new, simplified method for the measurement of blood viscosity] Feuardent R, et al. *Schweiz Med Wschr* 100:296-8, 14 Feb 70 (Fre)
- [Importance of so-called erythrocyte autoantibodies in blood donors] Schneider W. *Blut* 19:564-9, 1969 (10 ref.) (Ger)
- [The effect of low molecular dextran on lower-leg blood flow in normal subjects and patients with peripheral arterial circulation disorders] Gottstein U, et al. *Deutsch Med Wschr* 95:1955-9, 25 Sep 70 (Ger)
- [Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al. *Langenbecks Arch Chir* 326:106-36, 1970 (Ger)
- [Model experiments on erythrocyte rheology] Schmid-Schönbein H, et al. *Pflueger Arch* 312:R39-40, 1969 (Ger)
- [Increase of viscous resistance after ultrafiltration and hyperosmolarity of the blood] Schmid-Schönbein H, et al. *Pflueger Arch* 312:R76-7, 1969 (Ger)
- [Rheoviscometric studies on the hyperviscosity

- syndrome of the blood] Krosch H, et al. *Z Ges Inn Med* 24:449-57, 1 Aug 69 (Ger)
- [Blood viscosity during anesthesia] Nishimura N, et al. *Jap J Anesth* 19:431-5, Apr 70 (Jap)
- [Experimental study on modified fluid gelatin as a plasma substitute (2)] Tosaki Y, et al. *Jap J Anesth* 18:932-41, Oct 69 (Jap)
- [Dynamic properties of the aorta] Okino H. *Jap J Clin Med* 28:1493-7, May 70 (Jap)
- [Blood rheology, with special reference to its significance in clinical internal medicine] Isogai Y, et al. *Saishin Igaku* 24:2097-118, Oct 69 (111 ref.) (Jap)
- [Analysis of vascular electrical activity] Vinogradova MI, et al. *Fiziol Zh SSSR Sechenov* 55:1092-9, Sep 69 (Rus)
- [Effect of thermal treatment on properties of stabilized plasma protein preparation] Krivoruchko RA, et al. *Probl Gemat* 12:40-2, Sep 67 (Rus)
- [Effect of intensive plasmapheresis on the "syndrome of increased viscosity" and blood coagulation system in Waldenström's macroglobulinemia] Mokeeva RA, et al. *Probl Gemat* 14:8-16, Mar 69 (Rus)

## DRUG EFFECTS

- Therapy of macroglobulinaemia. Comparison of the effect of therapy on the level of monoclonal immunoglobulins and on clinical symptoms in four cases of waldenström's macroglobulinaemia and one case of IgA myeloma. Pronk EA, et al. *Acta Med Scand* 186:273-81, Oct 69
- The effect of plasma substitutes on erythrocyte aggregation and blood viscosity. Ehrly AM. *Bibl Haemat* 33:302-10, 1969
- Infusion thrombophlebitis. Andreasen F. *Danish Med Bull* 16:140-5, May 69
- Effect of dextran exchange upon the immersion hypothermic heart. Fukusumi H, et al. *J Thorac Cardiovasc Surg* 59:251-63, Feb 70
- Treatment of acute stroke with dextran 40. Gilroy J, et al. *JAMA* 210:293-8, 13 Oct 69
- [The influence of streptokinase upon some functions of blood platelets] Donner L, et al. *Sborn Lek* 72:57-62 passim, Mar 70 (Cze)
- [Drug therapy of peripheral arterial blood circulation disorders] Bollinger A. *Deutsch Med Wschr* 94:2347-9, 7 Nov 69 (Ger)
- [Norethisterone enanthate. Studies during the use of a long-acting parenteral contraceptive] Gilfrich HJ, et al. *Deutsch Med Wschr* 94:2473-7, 28 Nov 69 (Ger)
- [Lipemia-clearing drugs and thrombosis prevention. Behavior of platelet adhesiveness, NEFA and turbidimetry after alimentary lipid loading in normal and arteriosclerotic subjects] Crolle G, et al. *Minerva Med* 60:Suppl 99:5046+, 12 Dec 69 (Ita)
- [Blood viscosity during anesthesia] Nishimura N, et al. *Jap J Anesth* 19:431-5, Apr 70 (Jap)
- [Attempt to establish the dosage for dextran 40,000] Himmel A, et al. *Pol Tyg Lek* 24:1679-82, 3 Oct 69 (Pol)
- [Rheological properties of blood in patients treated with infusion of dextran 40 and dextran 70] Lim RC, et al. *Pol Tyg Lek* 24:1797-9, 24 Oct 69 (Pol)

## RADIATION EFFECTS

- [Preliminary study of the effects of uniform magnetic field on the blood] Bresson Y, et al. *Bull Soc Med Afr Noire Lang Franc* 14:612-4, 1969 (Fre)

## CHRISTMAS DISEASE

- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. *Amer J Med* 48:408-11, Mar 70
- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al. *J Amer Med Wom Ass* 51:1423-7, Oct 69
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al. *J Bone Joint Surg [Amer]* 51:1423-7, Oct 69
- Multiple extractions in hemophilia B—use of a PTC (factor IX) concentrate: report of case. Kline SN, et al. *J Oral Surg* 28:292-4, Apr 70
- Haemophilia today. Coles M. *Nurs Times* 65:1415-6, 6 Nov 69



- [Tooth extraction in hemophilia] Creveld S van, et al.  
Nederl T Tandheelk 76:711-32, Oct 69 (Dut)  
[Tooth extraction during substitution treatment in hemophilia A and B--Report of experiences with the use of cryoprecipitate and Cohn plasma fractions I and of contact activating fresh plasma] Hausamen JE, et al.  
Deutsch Zahnärztl Z 25:319-25, Feb 70 (Ger)  
[Oral surgery in hemophilic patients] Johansen J.  
Norske Tannlaegeforen Tid 79:535-45, Oct 69 (Nor)

## BLOOD

- Coagulation factor IX in normal and haemophilia B plasma. Somer JB, et al.  
Brit J Haemat 18:147-59, Feb 70  
The genetic heterogeneity of hemophilia B. Brown PE, et al.  
New Eng J Med 283:61-4, 9 Jul 70  
Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.  
New Eng J Med 281:1039-42, 6 Nov 69  
Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al.  
Paediat Indonesia 9:117-22, May-Jun 69  
Another genetic variant of haemophilia B: haemophilia B Leyden. Veltkamp JJ, et al.  
Scand J Haemat 7:82-90, 1970  
The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bañkowski E, et al.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69  
[Hemophilia B] Timerbaev VN, et al.  
Probl Gemat 14:21-3, Mar 69 (Rus)

## CLASSIFICATION

- The genetic heterogeneity of hemophilia B. Brown PE, et al.  
New Eng J Med 283:61-4, 9 Jul 70

## COMPLICATIONS

- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.  
Ann Intern Med 73:373-8, Sep 70  
Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.  
Ann Surg 172:98-108, Jul 70  
Variant of factor IX deficiency in female with 45, X Turner's syndrome. Bithell TC, et al.  
Blood 36:169-79, Aug 70  
Haemophilic cysts. Report of five cases. Steel WM, et al.  
J Bone Joint Surg [Brit] 51:614-28, Nov 69  
Double-blind studies on the use of steroids in the treatment of acute hemarthrosis in patients with hemophilia. Kisker CT, et al.  
New Eng J Med 282:639-42, 19 Mar 70  
Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al.  
Paediat Indonesia 9:117-22, May-Jun 69  
Hyperproteinemic proteinuria induced by plasma infusion. McLaine PN, et al.  
Pediat Res 3:597-603, Nov 69  
[Experience from the Hemophilia Clinic. 3. Intramuscular hemorrhages in hemophilia] Creveld S van, et al.  
Nederl T Geneesk 114:719-22, 25 Apr 70 (Dut)  
[Spontaneous hemothorax revealing a case of B hemophilia] Turlaf J, et al.  
Poumon Coeur 26:253-60, 1970 (Fre)  
[Microspherocytosis associated with factor IX deficiency] Thouverez JP, et al.  
Sem Hop Paris 46:621-2, 20 Feb 70 (Fre)

## DIAGNOSIS

- [Spontaneous hemothorax revealing a case of B hemophilia] Turlaf J, et al.  
Poumon Coeur 26:253-60, 1970 (Fre)  
[Treatment of hemophilia] Straub PW.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)

## DRUG THERAPY

- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.  
Ann Intern Med 73:373-8, Sep 70  
Choline and hemophilia. Boudreaux HB.  
Bibl Haemat 34:69-72, 1970  
The use of blood fractions in coagulation disorders.  
Biggs R. Brit J Haemat 17:604, Dec 69  
The preparation and properties of a prothrombin

- complex (PPSB). Schiff P.  
Med J Aust 2:1001-5, 15 Nov 69  
Konyne. Med Lett Drugs Ther 11:80, 19 Sep 69  
[Treatment of hemophilia] Straub PW.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)

## FAMILIAL &amp; GENETIC

- The genetic heterogeneity of hemophilia B. Brown PE, et al.  
New Eng J Med 283:61-4, 9 Jul 70  
Another genetic variant of haemophilia B: haemophilia B Leyden. Veltkamp JJ, et al.  
Scand J Haemat 7:82-90, 1970  
[Microspherocytosis associated with factor IX deficiency] Thouverez JP, et al.  
Sem Hop Paris 46:621-2, 20 Feb 70 (Fre)  
[Study of peculiarities of hemostasis in women hemophilia carriers] Papalan LP, et al.  
Probl Gemat 13:24-9, Jan 68 (Rus)

## IMMUNOLOGY

- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.  
Ann Intern Med 73:373-8, Sep 70  
The genetic heterogeneity of hemophilia B. Brown PE, et al.  
New Eng J Med 283:61-4, 9 Jul 70  
Acquired inhibitors to factor IX. King RA.  
New Eng J Med 283:543, 3 Sep 70  
The stimulation of immune antibodies anti-A and anti-B in patients after treatment with cryoprecipitate and factor IX concentrate (P.P.S.B. according to Soulier). McShine RL, et al.  
Vox Sang 18:435-40, May 70  
Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. Van Creveld S, et al.  
Vox Sang 18:441-9, May 70

## PHYSIOPATHOLOGY

- [Observations on purpura pigmentosa progressiva from the special aspect of clotting analysis findings] Petter O, et al.  
Derm Mschr 155:213-24, 1969 (Ger)

## THERAPY

- Multiple transfusions with sensitization associated with amyloidosis. Report of a case. Sharma HM, et al.  
Arch Path (Chicago) 89:473-6, May 70  
Christmas factor concentrates. The clinical use of several preparations. Tullis JL, et al.  
Bibl Haemat 34:40-51, 1970  
Therapy for AHF and PTC hemophilia. I. Seeler RA.  
Illinois Med J 137:518-21, May 70  
The management of haemophilia. Rizza CR.  
Practitioner 204:763-72, Jun 70  
Haemophilia. Biggs R.  
Proc Roy Soc Med 62:913-4, Sep 69  
[Treatment of hemophilia] Straub PW.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)  
[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
[Treatment of hemophilia] Stavem P, et al.  
T Norsk Laegeforen 90:1413-8, 1 Jul 70 (Nor)  
[Treatment of fractures in patients with hemophilia] Smilowicz M. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)  
[Improvement of indices of the blood coagulation system in patients with hemophilia during physical exercise] Damsker IS, et al.  
Probl Gemat 14:24-6, Mar 69 (Rus)

## CHYMOTRYPSIN

- The reaction of azlactone with chymotrypsin and trypsin. Siemieniowski H, et al.  
Acta Biochim Pol 16:243-51, 1969  
The combined effect of thiocyanate ions and rise in temperature on the action of alpha-chymotrypsin on tyrosine ethyl ester. Turbeck BO, et al.  
Acta Chem Scand 23:2414-20, 1969  
Nuclear magnetic resonance spectroscopy of amino acids, peptides, and proteins. Roberts GC, et al.  
Advances Protein Chem 24:447-545, 1970 (231 ref.)  
Selective cleavage and modification of peptides and proteins. Spande TF, et al.  
Advances Protein Chem 24:97-260, 1970 (517 ref.)  
Intracapsular lens extraction through a small incision. Kelman CD. Amer J Ophthal 69:277-83, Feb 70  
In vitro synthesis of pancreatic enzymes: effect of



# SUBJECT SECTION

## CHYMOTRYPSIN

- soybean trypsin inhibitor. Konijn AM, et al. *Amer J Physiol* 218:1113-7, Apr 70
- Procedure for determining original and perturbed pK values in potentiometric difference titrimetry experiments. Blumenson LE, et al. *Anal Biochem* 36:288-93, Aug 70
- Long-column meniscus depletion sedimentation equilibrium technique for the analytical ultracentrifuge. Chervenka CH. *Anal Biochem* 34:24-9, Mar 70
- Molecular weight determinations by low-speed sedimentation equilibrium. A combined use of the Nazarian equation and the Griffith rapid equilibrium technique. DiCamelli RF, et al. *Anal Biochem* 36:470-94, Aug 70
- Sequence analysis of microgram amounts of peptides by mass spectrometry. Lenard J, et al. *Anal Biochem* 34:286-91, Mar 70
- An assay for carboxypeptidases A and B on polypeptides from protein. Lin Y, et al. *Anal Biochem* 32:436-45, Dec 69
- The effect of N-bromosuccinimide upon trypsinogen activation and trypsin catalysis. Daniel VW 3d, et al. *Arch Biochem* 134:506-14, Nov 69
- Comparison of molecular structures of proteins: helix content; distribution of apolar residues. Klotz IM. *Arch Biochem* 138:704-6, Jun 70
- Sedimentation of chemically modified chymotrypsin. Neet KE, et al. *Arch Biochem* 136:223-7, Jan 70
- Spectrophotometric and kinetic evidence for the existence of at least two salt-dependent conformations of alpha-chymotrypsin at pH values near neutrality. Royer G, et al. *Arch Biochem* 134:253-5, Oct 69
- Evidence against the obligatory formation of an acyl enzyme intermediate in the alpha-chymotrypsin catalyzed reactions of amides. Epand RM. *Biochem Biophys Res Commun* 37:313-8, 8 Oct 69
- Activity distributions in modified alpha-chymotrypsin. Kasche V. *Biochem Biophys Res Commun* 38:875-81, 12 Mar 70
- The amino acid sequence of taro ferredoxin. Rao KK, et al. *Biochem Biophys Res Commun* 38:500-6, 6 Feb 70
- A 81Br nuclear magnetic resonance study of bromide ion binding to proteins in aqueous solution. Zeppezauer M, et al. *Biochem Biophys Res Commun* 37:137-42, 24 Sep 69
- Locating gaps in amino acid sequences to optimize the homology between two proteins. Fitch WM. *Biochem Genet* 3:99-108, Apr 69
- The amino acid sequences of cysteine acid-containing peptides from performic acid-oxidized ovotransferrin. Elleman TC, et al. *Biochem J* 116:515-32, Feb 70
- Sequence studies of the Fd section of the heavy chain of rabbit immunoglobulin G. Fruchter RG, et al. *Biochem J* 116:249-59, Jan 70
- A reinvestigation of residues 64-68 and 175 in papain. Evidence that residues 64 and 175 are asparagine. Husain SS, et al. *Biochem J* 116:689-92, Feb 70
- The amino acid sequence around the active-site cysteine and histidine residues, and the buried cysteine residue in ficin. Husain SS, et al. *Biochem J* 117:333-40, Apr 70
- The amino acid sequence around the active-site cysteine and histidine residues of stem bromelain. Husain SS, et al. *Biochem J* 117:341-6, Apr 70
- Mass-spectrometric determination of the amino acid sequences in peptides isolated from the protein silk fibroin of *Bombyx mori*. Lucas F, et al. *Biochem J* 114:695-702, Oct 69
- The amino acid sequences of the Fd fragments of two human gamma-1 heavy chains. Press EM, et al. *Biochem J* 117:641-60, May 70
- The amino acid sequence of *Phaseolus aureus* L. (mung-bean) cytochrome c. Thompson EW, et al. *Biochem J* 117:183-92, Mar 70
- Degradation and structure of porcine calcitonin-1. Barg WF Jr, et al. *Biochemistry (Wash)* 9:1671-6, 14 Apr 70
- Effect of calcium ion on S-100, a protein of the nervous system. Calissano P, et al. *Biochemistry (Wash)* 8:4318-26, Nov 69
- Intramolecular singlet excitation transfer. Applications to polypeptides. Elsinger J, et al. *Biochemistry (Wash)* 8:3908-15, Oct 69
- Amino acid sequence studies on rabbit skeletal muscle actin. Cyanogen bromide cleavage of the protein and determination of the sequences of seven of the resulting peptides. Elzinga M. *Biochemistry (Wash)* 9:1365-74, 17 Mar 70
- A comparison of thiol peptides of heart mitochondrial malate dehydrogenases from pig, chicken, and tuna. Fondy TP, et al. *Biochemistry (Wash)* 9:1001-10, 17 Feb 70
- Chymotrypsinogen: 2.5-angstrom crystal structure, comparison with alpha-chymotrypsin, and implications for zymogen activation. Freer ST, et al. *Biochemistry (Wash)* 9:1997-2009, 28 Apr 70
- Thermodynamics of protein denaturation. A calorimetric study of the reversible denaturation of chymotrypsinogen and conclusions regarding the accuracy of the two-state approximation. Jackson WM, et al. *Biochemistry (Wash)* 9:2294-301, 26 May 70
- Concerning the mechanism of autolysis of alpha-chymotrypsin. Kumar S, et al. *Biochemistry (Wash)* 9:291-7, 20 Jan 70
- Porcine elastase. II. Properties of the tyrosinate-splitting enzymes and the specificity of elastase. Marshall TH, et al. *Biochemistry (Wash)* 8:4671-7, Dec 69
- Ethoxyformylation of proteins. Reaction of ethoxyformic anhydride with alpha-chymotrypsin, pepsin, and pancreatic ribonuclease at pH 4. Melchior WB Jr, et al. *Biochemistry (Wash)* 9:251-8, 20 Jan 70
- Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al. *Biochemistry (Wash)* 9:259-67, 20 Jan 70
- The molecular determinants of the A11 and A12 allotypic specificities in rabbit immunoglobulin. Prahl JW, et al. *Biochemistry (Wash)* 8:4935-40, Dec 69
- Immunological cross-reaction between trypsin and chymotrypsin as a guide to structural homology. Sanders MM, et al. *Biochemistry (Wash)* 9:2356-63, 26 May 70
- Secondary modification of cytochrome c by *Neurospora crassa*. Scott WA, et al. *Biochemistry (Wash)* 8:4282-9, Nov 69
- Calorimetric investigations of the binding of inhibitors to alpha-chymotrypsin. I. The enthalpy of dilution of alpha-chymotrypsin and of proflavin, and the enthalpy of binding of indole, N-acetyl-D-tryptophan, and proflavin to alpha-chymotrypsin. Shiao DD, et al. *Biochemistry (Wash)* 8:4910-7, Dec 69
- Phenacyl bromides as chromophoric reagents for alpha-chymotrypsin. Sigman DS, et al. *Biochemistry (Wash)* 8:4560-6, Nov 69
- Ultracentrifuge time-lapse photography. Determination of molecular weights. Simpson RT, et al. *Biochemistry (Wash)* 9:2745-50, 23 Jun 70
- Determination of interaction parameters for a generalized associating system from colligative data. Steiner RF. *Biochemistry (Wash)* 9:1375-9, 17 Mar 70
- Studies on lysyl transfer ribonucleic acid synthetase from *Escherichia coli*. Stern R, et al. *Biochemistry (Wash)* 8:4346-54, Nov 69
- Amino acid sequence adjoining the lone tryptophan of human serum albumin. A binding site of the protein. Swaney JB, et al. *Biochemistry (Wash)* 9:2570-4, 23 Jun 70
- Proteolytic fragmentation of bovine heart heavy meromyosin. Tada M, et al. *Biochemistry (Wash)* 8:4842-50, Dec 69
- Binding of competitive inhibitors to delta-chymotrypsin in the alkaline pH region. Competitive inhibition kinetics and proton-uptake measurements. Valenzuela P, et al. *Biochemistry (Wash)* 9:2440-6, 9 Jun 70
- Immunochemical studies on lysozyme and carboxymethylated lysozyme. Young JD, et al. *Biochemistry (Wash)* 9:2755-62, 7 Jul 70
- Peptide analysis of normal human immunoglobulin M. Beale D, et al. *Biochim Biophys Acta* 207:265-7, 28 Apr 70
- Phosphorescence and energy transfer in enzymes. Cassen T, et al. *Biochim Biophys Acta* 194:203-12, 11 Nov 69
- Sedimentation equilibrium studies of some turtle chymotrypsins. Derechin M, et al. *Biochim Biophys Acta* 191:379-85, 4 Nov 69
- An extractable collagenase from crustacean hepatopancreas. Eisen AZ, et al. *Biochim Biophys Acta* 191:517-26, 1969
- The formation and activities of substituted phenacylchymotrypsins. Gibian MJ, et al. *Biochim Biophys Acta* 191:677-85, 1969
- 2-Acetoxy-5-nitrobenzyl chloride. A reagent designed to introduce a reporter group near the active site of chymotrypsin. Horton HR, et al. *Biochim Biophys Acta* 194:272-8, 11 Nov 69



- The chemical attachment of chymotrypsin to water-insoluble polymers using 2-amino-4,6-dichloro-s-triazine. Kay G, et al. *Biochim Biophys Acta* 198:276-85, 11 Feb 70
- Amino acids around an active center histidine in a turtle chymotrypsin. Möckel W, et al. *Biochim Biophys Acta* 194:622-4, 23 Dec 69
- Isolation and properties of two chymotrypsins from the turtle *Pseudemys elegans*. Möckel W, et al. *Biochim Biophys Acta* 191:370-8, 4 Nov 69
- The effect of proteases on membrane ATPase from two lactic acid bacteria. Neujahr HY. *Biochim Biophys Acta* 203:261-70, 21 Apr 70
- Properties and state of particulate tyrosinase of xanthic goldfish. Obika M, et al. *Biochim Biophys Acta* 212:369-74, 16 Sep 70
- The time-dependent solubility of cyanogen bromide- and chymotrypsin-treated collagen gels in vitro. Shuttleworth A, et al. *Biochim Biophys Acta* 200:332-41, 17 Feb 70
- Interaction of histones and nucleic acids in vitro. Sluysers M, et al. *Biochim Biophys Acta* 199:490-9, 18 Feb 70
- Chemical fixation of chymotrypsin to water-insoluble crosslinked dextran (sephadex) and solubilization of the enzyme derivatives by means of dextranase. Axén R, et al. *Biopolymers* 9:401-13, 1970
- The reaction with nitrous acid of the "active site" N-terminal isoleucine in chymotrypsin and derivatives. Dixon JW, et al. *Canad J Biochem* 48:671-81, Jun 70
- The stereospecificity of subtilisin BPN' towards 1-keto-3-carbomethoxy-1,2,3,4-tetrahydroisoquinoline. Dugas H. *Canad J Biochem* 47:985-7, Oct 69
- Acetyl-L-alanyl-L-alanyl-L-alanine methyl ester: a new highly specific elastase substrate. Gertler A, et al. *Canad J Biochem* 48:384-6, Mar 70
- Cryofixation with vitreous excision. A suggestion for the management of some cases of traumatic retinal detachment. Shea M, et al. *Canad J Ophthalmol* 4:339-45, Oct 69
- Susceptibility of various kinds of elastin to elastolytic enzymes, trypsin and chymotrypsin. Loeven WA. *Clin Chim Acta* 27:521-33, Mar 70
- Photometric estimation of lipase activity using micellar solubilized substrate. Seiffert UB. *Clin Chim Acta* 28:51-60, Apr 70
- Comparative biochemistry of proteases from a coelenterate. Coan MH, et al. *Comp Biochem Physiol* 32:127-39, 1 Jan 70
- On the evolution of endopeptidases. 8. Cross-reactions of trypsin and chymotrypsins of different species. Pfeleiderer G, et al. *Comp Biochem Physiol* 33:955-67, 15 Apr 70
- On the enzyme hydrolysis of fraction C<sub>beta</sub>, isolated from total zein by means of gel filtration. Ganchev KD, et al. *Dokl Bolg Akad Nauk* 22:1397-400, 1969
- Sequence studies on Bence Jones proteins. Alescio-Zonta L, et al. *Europ J Biochem* 15:450-63, Sep 70
- Comparative structural studies of the active site of ATP-guanidine phosphotransferases. The essential cysteine tryptic peptide of arginine kinase from *Homarus vulgaris* muscle. Der Terrossian E, et al. *Europ J Biochem* 11:482-90, Dec 69
- The effects of polyhydric and monohydric alcohols on the heat induced reversible denaturation of chymotrypsinogen A. Gerlsma SY. *Europ J Biochem* 14:150-3, 1 May 70
- Isolation and characterization of porcine proelastase. Gertler A, et al. *Europ J Biochem* 12:170-6, Jan 70
- Horse liver alcohol dehydrogenase. The primary structure of the protein chain of the ethanol-active isoenzyme. Jörnvall H. *Europ J Biochem* 16:25-40, Sep 70
- Amino acid sequence of C-terminal fragment of hog pepsin. Kostka V, et al. *Europ J Biochem* 13:447-54, Apr 70
- Localization of two species specific antigenic determinants on the peptide chains of calf skin collagen. Pontz B, et al. *Europ J Biochem* 16:50-4, Sep 70
- Determination of elastolytic activity with 125-I and 131-I labelled elastin. Robert B, et al. *Europ J Biochem* 11:62-7, Nov 69
- On the use of tetranitromethane as a nitration reagent. The reaction of phenol side-chains in bovine and porcine trypsinogens and trypsin. Vincent JP, et al. *Europ J Biochem* 12:250-7, Feb 70
- Alpha-chymotrypsin-catalyzed hydrolysis of N-furylacryloyl-tyrosine derivatives. Yu SH, et al. *Europ J Biochem* 11:347-52, Dec 69
- Occurrence of phyllomedusin, a physalaemin-like decapeptide, in the skin of *Phyllomedusa bicolor*. Anastasi A, et al. *Experientia* 26:866-7, 15 Aug 70
- Inactivation of cystathionase and of cysteine sulfinic acid decarboxylase by proteolytic enzymes: effect of pyridoxal phosphate. Chatagner F, et al. *Experientia* 26:602-4, 15 Jun 70
- Teleost urophysis. II. Biological characterization of the bladder-contracting activity. Lederis K. *Gen Comp Endocr* 14:427-37, Jun 70
- Conformational changes in chymotrypsin detected with antibodies. 3. On the antigenic determinant groups of chymotrypsins. Gundlach HG. *Hoppe Seyler Z Physiol Chem* 351:701-4, Jun 70
- Conformational changes in chymotrypsin detected with antibodies. II. Antibody-interactions with chemically modified and denatured chymotrypsins. Gundlach HG. *Hoppe Seyler Z Physiol Chem* 351:696-700, Jun 70
- Conformational changes in chymotrypsin detected with antibodies. I. Antibody response to diisopropylphosphoryl-chymotrypsin. Gundlach HG. *Hoppe Seyler Z Physiol Chem* 351:690-5, Jun 70
- An elastolytic enzyme acting on neuraminic acid containing red cell glycoproteins. Reinhardt G, et al. *Hoppe Seyler Z Physiol Chem* 351:827-33, Jul 70
- Immunological aspects of the binding of substrate analogues and polypeptide inhibitors to alpha-chymotrypsin. Bucci E, et al. *Immunochimistry* 7:289-303, Mar 70
- Immunogenicity and specificity of collagen. IX. Resistance of different antigenic determinants of calf collagen to proteolytic treatment. Steffen C, et al. *Immunology* 18:849-54, Jun 70
- Nuclear magnetic resonance studies of the interaction of trans-cinnamate with alpha-chymotrypsin. Gerig JT, et al. *J Amer Chem Soc* 92:3146-50, 20 May 70
- Studies on the desulfonation of 2-hydroxy-5-nitro-alpha-toluenesulfonyl-alpha-chymotrypsin. Heldema JH, et al. *J Amer Chem Soc* 92:6050-5, 7 Oct 70
- On the mechanism of the pepsin-catalyzed exchange of carboxylic acids with water-18O. Silver MS, et al. *J Amer Chem Soc* 92:2883-90, 6 May 70
- Substrate structure effects on the pH dependence of deacylation of acyl-chymotrypsins. Vishnu, et al. *J Amer Chem Soc* 91:6754-8, 19 Nov 69
- Tyrosine, histidine and tryptophan residues in TPCK-modified chymotrypsin. Matsushima A, et al. *J Biochem (Tokyo)* 66:423-5, Sep 69
- Amino acid sequence of the coat protein of the RNA phage ZR. Nishihara T, et al. *J Biochem (Tokyo)* 67:403-13, Mar 70
- Redox state of cytochrome a and its sensitivity to proteinases. Yamamoto T, et al. *J Biochem (Tokyo)* 67:505-6, Mar 70
- Inactivation of alpha-chymotrypsin by a water-soluble carbodiimide. Banks TE, et al. *J Biol Chem* 244:6323-33, 10 Dec 69
- An infrared study of the hydrogen-deuterium exchange of alpha-chymotrypsin and its diisopropylphosphoryl derivative. Bhaskar KR, et al. *J Biol Chem* 245:3302-4, 10 Jul 70
- Regions of high and low cationic charge in a lysine-rich histone. Bustin M, et al. *J Biol Chem* 245:1458-66, 25 Mar 70
- Thermodynamics of alpha-chymotrypsin-substrate and inhibitor complex formation as a function of pH. Hydrophobic binding by the low and high pH forms of the enzyme. Cuppett CC, et al. *J Biol Chem* 245:1069-74, 10 Mar 70
- Egg white avidin. I. Amino acid composition; sequence of the amino- and carboxyl-terminal cyanogen bromide peptides. DeLange RJ. *J Biol Chem* 245:907-16, 10 Mar 70
- Identification and location of epsilon-N-trimethyllysine in yeast cytochromes c. DeLange RJ, et al. *J Biol Chem* 245:3325-7, 10 Jul 70
- Chemical and physical properties of freezing point-depressing glycoproteins from antarctic fishes. DeVries AL, et al. *J Biol Chem* 245:2909-13, 10 Jun 70
- The behavior of horse liver alcohol dehydrogenase in guanidine hydrochloride solutions. Green RW, et al. *J Biol Chem* 244:5034-43, 25 Sep 69
- On the structural stability and solvent denaturation of proteins. I. Denaturation by the alcohols and glycols. Herskovits TT, et al. *J Biol Chem* 245:2588-98, 25 May 70



# SUBJECT SECTION

# CHYMOTRYPSIN

- Partial resolution of the enzyme catalyzing oxidative phosphorylation. XXII. Interaction between mitochondrial adenosine triphosphatase inhibitor and mitochondrial adenosine triphosphatase. Horstman LL, et al. *J Biol Chem* 245:1336-44, 25 Mar 70
- Carboxyl-terminal sequence of human gastricsin and pepsin. Huang WY, et al. *J Biol Chem* 245:2189-93, 10 May 70
- Carboxymethylation of sperm whale myoglobin in the crystalline state. Hugli TE, et al. *J Biol Chem* 245:1930-8, 25 Apr 70
- The primary structure of porcine pancreatic ribonuclease. II. The amino acid sequence of the reduced S-aminoethylated protein. Jackson RL, et al. *J Biol Chem* 245:637-53, 10 Feb 70
- The chemical structure of tryptophanase from *Escherichia coli*. I. Isolation and structure of a pyridoxyl decapeptide from borohydride-reduced holotryptophanase. Kagamiyama H, et al. *J Biol Chem* 245:2819-24, 10 Jun 70
- The amino acid sequence of Chromatium ferredoxin. Matsubara H, et al. *J Biol Chem* 245:2121-31, 25 Apr 70
- Cyanogen bromide cleavage and partial amino acid sequence of porcine growth hormone. Mills JB, et al. *J Biol Chem* 245:3407-15, 10 Jul 70
- A new spin label specific for the active site of serine enzymes. Morrisett JD, et al. *J Biol Chem* 244:5758-61, 25 Oct 69
- A comparison of anisole and formamide binding to chymotrypsin by potentiometric difference titrimetry. Olm LM, et al. *J Biol Chem* 245:814-7, 25 Feb 70
- The primary structure of porcine pancreatic ribonuclease. 3. The disulfide bonds. Phelan JJ, et al. *J Biol Chem* 245:654-61, 10 Feb 70
- The sequence of the NH<sub>2</sub>-terminal cyanogen bromide fragment from the heavy chain of a gamma-G1 myeloma protein. Pitcher SE, et al. *J Biol Chem* 245:1267-74, 25 Mar 70
- Isolation and sequence of peptides at the active center of bovine carboxypeptidase B. Plummer TH Jr. *J Biol Chem* 244:5246-53, 10 Oct 69
- Reaction of a specific tryptophan residue in streptococcal proteinase with 2-hydroxy-5-nitrobenzyl bromide. Robinson GW. *J Biol Chem* 245:4832-41, 25 Sep 70
- Studies of hydrogen exchange in proteins. II. The reversible thermal unfolding of chymotrypsinogen A as studied by exchange kinetics. Rosenberg A, et al. *J Biol Chem* 244:8153-9, 25 Nov 69
- Studies of hydrogen exchange in proteins. 3. The effects of the chymotrypsinogen-alpha chymotrypsin conversion on hydrogen exchange kinetics. Rosenberg A, et al. *J Biol Chem* 245:4677-83, 25 Sep 70
- Concerning the mechanism of ester hydrolysis by proteases. Stauffer CE, et al. *J Biol Chem* 245:3282-4, 10 Jul 70
- The amino acid sequence of a lambda type Bence-Jones protein. 3. The complete amino acid sequence and the location of the disulfide bridges. Titani K, et al. *J Biol Chem* 245:2171-6, 25 Apr 70
- Circular dichroism studies of chymotrypsin and its derivatives. Correlation of changes in dichroic bands with deacylation. Volini M, et al. *J Biol Chem* 244:5105-9, 10 Oct 69
- The amino acid sequence of a lambda type Bence-Jones protein. II. Chymotryptic peptides. Wikler M, et al. *J Biol Chem* 245:2158-70, 25 Apr 70
- Controlled proteolysis of nascent polypeptides in rat liver cell fractions. I. Location of the polypeptides within ribosomes. Blobel G, et al. *J Cell Biol* 45:130-45, Apr 70
- Follicle-stimulating activity of human chorionic gonadotropin: Further evidence for non-identity with follicle-stimulating hormone. Northcutt RC, et al. *J Clin Endocr* 31:91-5, Jul 70
- Proteolytic degradation of exocrine and serum immunoglobulins. Brown WR, et al. *J Clin Invest* 49:1374-80, Jul 70
- Localization by peroxidase-labeled antibodies of bovine chymotrypsinogen. Schiff R, et al. *J Histochem Cytochem* 18:195-200, Mar 70
- Immunochemical characterization of epithelial antigen(s) reactive with pemphigus-like antibodies of rabbit and human pemphigus autoantibodies. Ablin RJ, et al. *J Hyg Epidem (Praba)* 13:321-9, 1969
- Communications. N-terminal residues of heavy chains of human IgA myeloma proteins. Wang AC, et al. *J Immun* 103:1149-51, Nov 69
- Enzymatic hydrolysis of the alpha-protein of epidermis. Baden HP. *J Invest Derm* 55:184-7, Sep 70
- Structure of gamma-chymotrypsin at 5.5 A resolution. Cohen GH, et al. *J Molec Biol* 44:129-41, 28 Aug 69
- PtCl<sub>2</sub>4: a methionine-specific label for protein crystallography. Dickerson RE, et al. *J Molec Biol* 45:77-84, 14 Oct 69
- Binding interactions between two ligands and a monomeric protein. Study on indole, protons and chymotrypsin. Garel JR, et al. *J Molec Biol* 47:41-56, 14 Jan 70
- Conformation of the high pH form of chymotrypsin. McConn J, et al. *J Molec Biol* 39:551-62, 14 Feb 69
- Are the structure and function of an enzyme the same in aqueous solution and in the wet crystal? Rossi GL, et al. *J Molec Biol* 49:85-91, 14 Apr 70
- Structure of crystalline alpha-chymotrypsin. 3. Crystallographic studies of substrates and inhibitors bound to the active site of alpha-chymotrypsin. Steitz TA, et al. *J Molec Biol* 46:337-48, 14 Dec 69
- Alpha-chymotrypsin: a case study of substituent constants and regression analysis in enzymic structure-activity relationships. Hansch C, et al. *J Pharm Sci* 59:731-43, Jun 70 (65 ref.)
- Studies on hog intrinsic factor. II. Immunoradioautographic studies of the properties of hog intrinsic factor and evidences suggesting the possible existence in hog tissues of hog intrinsic factor. Inada M. *J Vitamin (Kyoto)* 16:17-24, 10 Mar 70
- Amino-acid sequence of slightly lysine-rich histone. Iwai K, et al. *Nature (London)* 226:1056-8, 13 Jun 70
- Amino-acid sequence of the "Qbeta" coat protein. Konigsberg W, et al. *Nature (London)* 227:271-3, 18 Jul 70
- A factor promoting dissociation of *Escherichia coli* ribosomes. Miall SH, et al. *Nature (London)* 226:1050-2, 13 Jun 70
- Three-dimensional structure of tosyl-elastase. Shotton DM, et al. *Nature (London)* 225:811-6, 28 Feb 70
- Haemoglobin alpha chain duplication in Barbary sheep, *Ammotragus lervia*, Pallas, 1777. Wilson JB, et al. *Nature (London)* 226:354-5, 25 Apr 70
- A new method for studying the effect of drugs on the testes of rats. Mauss J, et al. *Naunyn Schmiedeberg Arch Pharm* 266:195-8, 1970
- Promotion of the autolysis of alpha-chymotrypsin by Evans blue. Glazer AN. *Proc Nat Acad Sci USA* 64:235-40, Sep 69
- On the prevalence of "nonspecific" binding at the specific binding sites of globular proteins. Glazer AN. *Proc Nat Acad Sci USA* 65:1057-63, Apr 70
- Isolation and characterization of structurally homogeneous antibodies from antipneumococcal sera. Jaton JC, et al. *Proc Nat Acad Sci USA* 66:959-66, Jul 70
- The influence of short-range interactions on protein conformation. 3. Dipeptide distributions in proteins of known sequence and structure. Kotelchuck D, et al. *Proc Nat Acad Sci USA* 63:615-22, Jul 69
- Helix probability profiles of denatured proteins and their correlation with native structures. Lewis PN, et al. *Proc Nat Acad Sci USA* 65:810-5, Apr 70
- Binding of dodecyl sulfate to proteins at high binding ratios. Possible implications for the state of proteins in biological membranes. Reynolds JA, et al. *Proc Nat Acad Sci USA* 66:1002-7, Jul 70
- Directional character of proton transfer in enzyme catalysis. Wang JH. *Proc Nat Acad Sci USA* 66:874-81, Jul 70
- Reaction of acetyl-alpha-chymotrypsin and other esters with an ionizable nucleophile, monoisotrosoacetone. Wedler FC, et al. *Proc Nat Acad Sci USA* 65:1120-6, Apr 70
- Demonstration of the chemotactic properties of collagen. Chang C, et al. *Proc Soc Exp Biol Med* 134:22-6, May 70
- Some immunological studies with heat-denatured bovine serum albumin and its peptic, tryptic, and chymotryptic peptides. Das BR, et al. *Proc Soc Exp Biol Med* 133:1456-63, Apr 70
- X-ray studies of crystalline proteins. North AC, et al. *Progr Biophys* 19:1-132, 1969 (236 ref.)
- p-nitrophenylacetate as a substrate for a carboxyl-ester hydrolase in pancreatic juice and intestinal content. Erlanson C. *Scand J Gastroent* 5:333-6, 1970
- Homozygous Hb J Tongariki: evidence for only one alpha chain structural locus in Melanesians. Abramson RK, et al. *Science* 169:194-6, 10 Jul 70
- Gibbon fibrinopeptides: identification of a



- glycine-serine allelism at position B-3. Mross GA, et al. Science 170:468-70, 23 Oct 70
- On the apparent homology of actin and tubulin. Stephens RE. Science 168:845-7, 15 May 70
- NMR study of conformationally restricted substrates of alpha-chymotrypsin. Abdullaev ND, et al. Tetrahedron Lett 60:5287-90, Dec 69
- NMR study of conformationally restricted substrates of alpha-chymotrypsin. Abdullaev ND, et al. Tetrahedron Lett 59:5143-57, Dec 69
- Intra-ocular pressure and wound closure after cataract extraction. Rich JC. Trans Ophthal Soc UK 88:473-9, 1969
- Molecular size and charge relationships of the soluble complement-fixing antigens of dengue viruses. McCloud TG, et al. Virology 41:569-72, Jul 70
- The red cell phenotype En(a-) and anti-Ena: serological and physicochemical aspects. Furuhjelm U, et al. Vox Sang 17:256-78, Oct 69
- Evidence for a specific aromatic binding site on alpha-chymotrypsin. Looney T. W Virginia Med J 66:78 passim, Mar 70
- Immunogenicity and specificity of collagen. X. Investigations on collagen determinants by inhibition experiments with peptides obtained after multiple degradation. Steffen C, et al. Z Immunitaetsforsch 139:455-67, Jun 70
- [Current state of knowledge of the gamma-M molecule] Martin JP. Ann Biol Clin (Paris) 27:587-610, Oct-Dec 69 (137 ref.) (Fre)
- [Application of tritiation in solution to the conformation study of ribonuclease] Noyer M, et al. Arch Int Physiol 77:552-3, Aug 69 (Fre)
- [Purification of trypsinogens and chymotrypsinogen from rat pancreas] Vandermeers A, et al. Arch Int Physiol 77:577-8, Aug 69 (Fre)
- [Stabilization of rat pancreatic hydrolases during chromatography] Vandermeers A, et al. Arch Int Physiol 77:579-80, Aug 69 (Fre)
- [Middle peptide sequence obtained by cleaving horse myoglobin with cyanogen bromide] Han K, et al. Bull Soc Chim Biol (Paris) 51:439-55, 25 Jul 69 (Fre)
- [Studies on glycoproteins. Study of peptide sequences of 2 glycopeptides isolated from trypsin hydrolates of human transferrin] Charet P, et al. C R Acad Sci [D] (Paris) 269:1019-22, 15 Sep 69 (Fre)
- [Trypsin- and chymotrypsin-binding proteins in human colostrum] Counitchansky Y, et al. Clin Chim Acta 26:223-9, Nov 69 (Fre)
- [Covalent structure of horse myoglobin] Dautrevaux M, et al. Europ J Biochem 11:267-77, Dec 69 (Fre)
- [Acetylcholinesterase of fish electric organs (torpedo and electric eel): membrane complexes] Massoulié J, et al. Europ J Biochem 11:441-55, Dec 69 (Fre)
- [Splenic complications of chronic pancreatitis (5 cases)] Moreaux J, et al. Presse Med 77:1467-70, 11 Oct 69 (Fre)
- [Cyclodextrin-imidazole compounds] Cramer F, et al. Chem Ber 103:2138-47, Jul 70 (Ger)
- [The amino acid sequence of cytochrome c of the carp, Cyprinus carpio] Gürtler L, et al. Europ J Biochem 12:48-57, Jan 70 (Ger)
- [Staining demonstration of pancreatic zymogen granules on the basis of their chymotrypsinogen content] Graumann W, et al. Histochemie 20:355-62, 1969 (Ger)
- [Adjustment of the substrate as rate-determining step in the enzymatic cleavage of esters and amides by chymotrypsin A] Fink G, et al. Hoppe Seyler Z Physiol Chem 350:1501-12, Dec 69 (Ger)
- [Isolation of the trypsin inhibitor from sheep pancreas and its behavior toward proteolytic enzymes] Fritz H, et al. Hoppe Seyler Z Physiol Chem 351:145-50, Feb 70 (Ger)
- [Preparation and properties of active derivatives of the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al. Hoppe Seyler Z Physiol Chem 350:1531-40, Dec 69 (Ger)
- [Collagen degradation by rat organs. Differentiation and characterization of proline peptide-cleaving enzymes] Kirschke H, et al. Hoppe Seyler Z Physiol Chem 350:1437-48, Nov 69 (Ger)
- [Morphology and biochemistry of the adhesion of Cuvier organs] Müller W, et al. Hoppe Seyler Z Physiol Chem 350:1179-80, Oct 69 (Ger)
- [Structure of the dimeric insulin B-chain in the disulfide form] Röschlau P, et al. Hoppe Seyler Z Physiol Chem 350:1362-6, Nov 69 (Ger)
- [Evolution of endopeptidases. XI. A protease with chymotryptic specificity from the gastric juice of Sepia officinalis (cuttlefish)] Rothe W, et al. Hoppe Seyler Z Physiol Chem 351:629-34, May 70 (Ger)
- [Molecular basis of antibody formation] Hilschmann N. Naturwissenschaften 56:195-205, Apr 69 (Ger)
- [Structural flexibility and enzyme function] Kirschner K. Naturwissenschaften 56:232-7, May 69 (Ger)
- [Comparative studies of reaction kinetics with standardized human renin on 4 purified animal renin substrates] Dahlheim H, et al. Pflueger Arch 317:344-58, 1970 (Ger)
- [Stability of aqueous solutions of alpha-chymotrypsin+trypsin in the presence of skimmed milk] Bergesi G, et al. Boll Chimicofarm 109:69-74, Jan 70 (Ita)
- [Examination of insulin-chymotrypsin interactions with the radioimmunological method] Specchia G, et al. Boll Soc Ital Biol Sper 46:109-11, 15 Feb 70 (Ita)
- [Induction of antichymotrypsin antibodies: their identification and interference with tryptic activity] Specchia G, et al. Boll Soc Ital Biol Sper 46:111-4, 15 Feb 70 (Ita)
- [The use of alpha-chymotrypsin in cryoextraction] Della Valle A, et al. G Batt Virol Immun 60:325-8, May-Aug 67 (Ita)
- [The importance of reflux in the duct of Wirsung in the determination of exocrine pancreatic lesion. Experimental research and clinical observations] Faggioli F, et al. G Clin Med 49:990-1013, Oct 68 (Ita)
- [The use of the association of tetracycline hydrochloride with pancreatic proteolytic enzymes in pediatrics] Berdoncini F, et al. Minerva Pediat 21:2284-7, 1 Dec 69 (Ita)
- [A study of experimental glaucoma induced by alpha-chymotrypsin] Azuma I. Folia Ophthal Jap 21:572-82, Aug 70 (Jap)
- [Amino acid substitution in HbA<sub>2</sub>, an abnormal human hemoglobin] Fujiwara N. J Jap Biochem Soc 42:341-9, Jul 70 (Jap)
- [Biological characteristics of urinary HCG, with special reference to the synthetic HCG. 3. Studies on inactivation of synthetic HCG] Yogo I. J Jap Obstet Gynec Soc 21:293-300, Nov 69 (Jap)
- [Structure and multiplication mechanism of reovirus] Kolde F. Protein (Tokyo) 15:764-76, Jun 70 (65 ref.) (Jap)
- [Active site of trypsin and chymotrypsin; catalytic site and substrate binding site] Yoshida N. Protein (Tokyo) 15:1125-6, Oct 70 (Jap)
- [Investigation of the structure of the pepsin N-terminal fragment. Separation of chymotryptic peptides] Vakhitova EA, et al. Biokhimia 34:1042-7, Sep-Oct 69 (Rus)
- [Resistance of the purified preparation of LH releasing factor to the proteolytic enzymes] Basova GG, et al. Probl Endokr (Moskva) 16:68-72, Mar-Apr 70 (Rus)
- [Isolation of biologically active fractions from somatotropin and its enzyme hydrolysates] Sinitsyna AL, et al. Probl Endokr (Moskva) 13:85-9, Jul-Aug 67 (Rus)
- [Isolation and study of a highly active preparation of Aspergillus oryzae protease] Tsyperovich AS, et al. Ukr Biokhim Zh 41:91-5, 1969 (Ukr)

## ADMINISTRATION &amp; DOSAGE

- Cannula for introducing alpha-chymotrypsin into posterior chamber. Boyden DG. Amer J Ophthal 69:1082, Jun 70
- The use of chymotrypsin as an adjuvant therapy in the treatment of tubercular pleural effusion. Nazi SP. Brit J Clin Pract 23:507-9, 12 Dec 69
- Hydrotubation with kimopsis. Ammar R, et al. J Egypt Med Ass 52:31-45, 1969
- Enzymes for trauma. Miller RR, et al. Postgrad Med J 46:154-8, Mar 70 (24 ref.)
- A new method for the treatment of ligneous conjunctivitis. Firat T. Turk J Pediat 11:31-7, Jan 69
- [Regional intra-articular treatment of rheumatoid arthritis with different drugs, especially with immunosuppressive agents] Anastasescu G, et al. Med Intern (Bucur) 21:597-600, May 69 (Rum)
- [The prevention of suppurative complications after surgical operations] Grigorian AV, et al. Khirurgia (Moskva) 45:7-13, May 69 (Rus)
- [Irrigation of the bronchi in the treatment of severe



# SUBJECT SECTION

# CHYMOTRYPSIN

- forms of pneumonia in early childhood] Koregin VA. *Pediatrics* 48:38-40, Sep 69 (Rus)  
 [Use of proteolytic enzymes in the treatment of chronic suppurative otitis media] Veremeenko KN, et al. *Vestn Otorinolaring* 31:82-5, Mar-Apr 69 (Rus)  
 [Treatment of patients with adhesive otitis media] Avramenko LV, et al.  
*Zh Ushn Nos Gori Bolez* 29:103-6, Jan-Feb 69 (Rus)

## ADVERSE EFFECTS

- [Electrophysiological studies of the problem of inner ear lesions caused by local application of proteolytic enzymes (alpha-chymotrypsin)] Flach M, et al. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 195:17-24, 1969 (Ger)  
 [Anaphylactic reactions to alpha-chymotrypsin] Romascanu G, et al.  
*Otorinolaringologie (Bucur)* 15:111-6, Mar-Apr 70 (Rum)

## ANALYSIS

- Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovenere (Stockholm)* 49:458-67, 1969 (69 ref.)  
 Cholinergic control of rabbit pancreatic secretion. Solberg LJ, et al. *Amer J Dig Dis* 14:782-7, Nov 69  
 Pancreas acinar cell differentiation. I. Morphologic and enzymatic comparisons of embryonic rat pancreas anlage grown in organ culture. Parsa I, et al. *Amer J Path* 57:457-87, Dec 69  
 Operational normality of alpha-chymotrypsin solutions by a sensitive potentiometric technique using a fluoride electrode. Erlanger BF, et al. *Anal Biochem* 33:318-22, Feb 70  
 Note on the determination of chymotrypsin and chymotrypsin inhibitor activity using casein. Kakade ML, et al. *Anal Biochem* 33:255-8, Feb 70  
*Bacillus thuringiensis*: microbiological considerations. Rogoff MH, et al.  
*Ann Rev Microbiol* 23:357-86, 1969 (252 ref.)  
 Sedimentation of chemically modified chymotrypsin. Neet KE, et al. *Arch Biochem* 136:223-7, Jan 70  
 Histophoresis: electrophoretic separation of proteins contained in individual cryostat sections. Denucé JM. *Arch Int Physiol* 77:960-1, Dec 69  
 Isolation and comparative properties of shrimp trypsin. Gates BJ, et al. *Biochemistry (Wash)* 8:4483-9, Nov 69  
 Computed circular dichroism spectra for the evaluation of protein conformation. Greenfield N, et al. *Biochemistry (Wash)* 8:4108-16, Oct 69  
 Concerning the mechanism of autolysis of alpha-chymotrypsin. Kumar S, et al. *Biochemistry (Wash)* 9:291-7, 20 Jan 70  
 Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al. *Biochemistry (Wash)* 9:259-67, 20 Jan 70  
 Pancreatic enzymes of the African lungfish *Protopterus aethiopicus*. Reeck GR, et al. *Biochemistry (Wash)* 9:1398-403, 17 Mar 70  
 Amino acids around an active center histidine in a turtle chymotrypsin. Möckel W, et al. *Biochim Biophys Acta* 194:622-4, 23 Dec 69  
 Comparison of direct spectrophotometric methods for the measurement of protein concentration. Webster GC. *Biochim Biophys Acta* 207:371-3, 26 May 70  
 A comparison of the effects of raw and heated soya-bean meal in diets for germ-free and conventional chicks. Coates ME, et al. *Brit J Nutr* 24:213-25, Mar 70  
 The inhibition of chymotrypsin A4 with a homologous series of chloromethyl ketone reagents. Stevenson KJ, et al. *Canad J Biochem* 48:364-75, Mar 70  
 Determination of trypsin and chymotrypsin with remazol brilliant blue-hide. Rinderknecht H, et al. *Clin Chim Acta* 28:239-46, May 70  
 Sulfenyl halides as modifying reagents for polypeptides and proteins. Quantitative evaluation of tryptophan and cysteine residues in proteins. Bocchi E, et al. *Europ J Biochem* 13:188-92, 1 Mar 70  
 "Low" versus "high" concentration chymotrypsin in gastric exfoliative cytology. Brandborg LL, et al. *Gastroenterology* 57:500-5, Nov 69  
 Studies on fin whale pancreatic proteases. 3. Properties of purified fin whale anionic chymotrypsin. Koide A, et al. *J Biochem (Tokyo)* 68:1-7, Jul 70  
 Dimethyl(2-hydroxy-5-nitrobenzyl)sulfonium salts. Water-soluble environmentally sensitive protein

- reagents. Horton HR, et al. *J Biol Chem* 245:3397-401, 10 Jul 70  
 Stool trypsin assay. Tariow O, et al. *Lancet* 2:617-8, 19 Sep 70  
 Analysis of the code relating sequence to secondary structure in proteins. Pain RH, et al. *Nature (London)* 227:62-3, 4 Jul 70  
 Amino-acid sequence of porcine pancreatic elastase and its homologues with other serine proteinases. Shotton DM, et al. *Nature (London)* 225:802-6, 28 Feb 70  
 Unified theory for gel electrophoresis and gel filtration. Rodbard D, et al. *Proc Nat Acad Sci USA* 65:970-7, Apr 70  
 Functional biochemistry of the macrophage. Axline SG. *Seminars Hemat* 7:142-60, Apr 70 (132 ref.)  
 [Antigenic structure of *Thermopolyspora polyspora*. Practical effects on the diagnosis of "farmer's lung"] Walbaum S, et al.  
*Ann Inst Pasteur (Paris)* 117:673-93, Nov 69 (Fre)  
 [Interpretation of thermal variations, between 11 and 300 degree K, of specific heat of 2 proteins: insulin and cattle chymotrypsinogen A] Delhaes P. *C R Acad Sci [D] (Paris)* 270:1522-5, 16 Mar 70 (Fre)  
 [Variations of pancreatic proteolytic enzyme activity in mice as a function of age] Meunier MT, et al. *J Physiol (Paris)* 62:Suppl 1:193-4, 1970 (Fre)  
 [Study of exocrine pancreatic function in mucoviscidosis] Hermier M, et al. *Rev Franc Etud Clin Biol* 14:867-84, Nov 69 (Fre)  
 [Comparative study on immunoelectrophoretograms of enzymes of the antigenic extract of *Aspergillus fumigatus* revealed by experimental serums and serums of patients with aspergillosis] Tran-van-Ky P, et al. *Sabouraudia* 7:73-84, Jun 69 (Fre)  
 [Fecalogram and its practical significance] Mitschek GH. *Verh Deutsch Ges Path* 53:161-2, 1969 (Ger)  
 [Chronic pancreatitis--symptoms, diagnosis, therapy] Zastrow R. *Z Aerzt Fortbild (Jena)* 63:1028-31, 1 Oct 69 (Ger)  
 [Studies on separate determination of enzymes. 3. On the separate determination of alpha-chymotrypsin and bromelain (studies on enzyme preparations. XLIX) Sugiyama M, et al. *J Pharm Soc Jap* 89:1440-5, Oct 69 (Jap)  
 [Studies on proteolytic enzymes in human prostate and seminal plasma] Naito J. *Jap J Leg Med* 23:253-61, May 69 (Jap)

## ANTAGONISTS & INHIBITORS

- Operational normality of alpha-chymotrypsin solutions by a sensitive potentiometric technique using a fluoride electrode. Erlanger BF, et al. *Anal Biochem* 33:318-22, Feb 70  
 Note on the determination of chymotrypsin and chymotrypsin inhibitor activity using casein. Kakade ML, et al. *Anal Biochem* 33:255-8, Feb 70  
 Specific irreversible enzyme inhibitors. Baker BR. *Ann Rev Pharmacol* 10:35-50, 1970 (104 ref.)  
 Chymotrypsin inhibitor 1 from potatoes: a multisite inhibitor composed of subunits. Melville JC, et al. *Arch Biochem* 138:700-2, Jun 70  
 Subtilisin BPN': inactivation by chloromethyl ketone derivatives of peptide substrates. Morihiro K, et al. *Arch Biochem* 138:526-31, Jun 70  
 Enzyme-inhibitor interactions studied via fluorine magnetic resonance. II. Model for the trifluoroacetylphenylalanine-alpha-chymotrypsin interaction. Zeffren E. *Arch Biochem* 137:291-3, Mar 70  
 Activity distributions in modified alpha-chymotrypsin. Kasche V. *Biochem Biophys Res Commun* 38:875-81, 12 Mar 70  
 Studies on the preparation of water-insoluble derivatives of rennin and chymotrypsin and their use in the hydrolysis of casein and the clotting of milk. Green ML, et al. *Biochem J* 115:183-90, Nov 69  
 Interactions of the endopeptidase subunit of bovine procarboxypeptidase A-S6. Behnke WD, et al. *Biochemistry (Wash)* 9:4179-88, 13 Oct 70  
 Characterization of the self-association of a soybean proteinase inhibitor by membrane osmometry. Harry JB, et al. *Biochemistry (Wash)* 8:5060-4, Dec 69  
 Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al. *Biochemistry (Wash)* 9:259-67, 20 Jan 70  
 Calorimetric investigations of the binding of inhibitors to alpha-chymotrypsin. II. A systematic comparison of



- the thermodynamic functions of binding of a variety of inhibitors to alpha-chymotrypsin. Shiao DD. *Biochemistry (Wash)* 9:1083-90, 3 Mar 70
- Calorimetric investigations of the binding of inhibitors to alpha-chymotrypsin. I. The enthalpy of dilution of alpha-chymotrypsin and of proflavin, and the enthalpy of binding of indole, N-acetyl-D-tryptophan, and proflavin to alpha-chymotrypsin. Shiao DD, et al. *Biochemistry (Wash)* 8:4910-7, Dec 69
- The formation and activities of substituted phenacylchymotrypsins. Gibian MJ, et al. *Biochim Biophys Acta* 191:677-85, 1969
- The molecular weight of the Bowman-Birk soybean protease inhibitor. Kakade ML, et al. *Biochim Biophys Acta* 200:168-9, 20 Jan 70
- Structural and steric specificity of alpha-chloroketones as inhibitors of alpha-chymotrypsin. Kumar S, et al. *Biochim Biophys Acta* 206:404-13, 10 Jun 70
- Selective effect of domiphen bromide (dodecyltrimethyl(2-phenoxyethyl)ammonium bromide) on some hydrolytic enzymes. Mäkinen KK, et al. *Biochim Biophys Acta* 206:143-51, 22 Apr 70
- Isolation and properties of two chymotrypsins from the turtle *Pseudemys elegans*. Möckel W, et al. *Biochim Biophys Acta* 191:370-8, 4 Nov 69
- The reaction with nitrous acid of the "active site" N-terminal isoleucine in chymotrypsin and derivatives. Dixon JW, et al. *Canad J Biochem* 48:671-81, Jun 70
- Inactivation of bovine thrombin by nitrous acid. Magnusson S, et al. *Canad J Biochem* 48:432-7, Apr 70
- The inhibition of chymotrypsin A4 with a homologous series of chloromethyl ketone reagents. Stevenson KJ, et al. *Canad J Biochem* 48:364-75, Mar 70
- Isolation and characterization of porcine proelastase. Gertler A, et al. *Europ J Biochem* 12:170-6, Jan 70
- A soybean proteinase inhibitor. Thermodynamic and kinetic parameters of association with enzymes. Harry JB, et al. *Europ J Biochem* 16:174-9, Sep 70
- Alpha-chymotrypsin-catalyzed hydrolysis of N-furylacryloyl-tyrosine derivatives. Yu SH, et al. *Europ J Biochem* 11:347-52, Dec 69
- A trypsin-like protease in guinea pig skin. Song CW, et al. *Experientia* 25:1063-4, 15 Oct 69
- 2,4-Dinitrophenol inhibition of chymotrypsin, trypsin and pronase digestion of bovine serum albumin. Bonewell GW, et al. *Ital J Biochem* 18:457-74, Nov-Dec 69
- The inactivation of alpha-chymotrypsin with methyl-, trideuteriomethyl-, and trifluoromethyl-substituted N-phenyl-alpha-bromoacetamides. Bittner EW, et al. *J Amer Chem Soc* 92:2114-8, 8 Apr 70
- Photooxidation of alpha-chymotrypsin sensitized by the inhibitor N-acetyl-3-nitrotyrosine. Gennari G, et al. *J Amer Chem Soc* 92:4140-1, 1 Jul 70
- Design and synthesis of inhibitors for crystallographic studies on the active site of chymotrypsin. Powers JC, et al. *J Amer Chem Soc* 92:1782-3, 25 Mar 70
- Biological activities of leupeptins. Aoyagi T, et al. *J Antibiot (Tokyo)* 22:558-68, Nov 69
- Chymostatin, a new chymotrypsin inhibitor produced by actinomycetes. Umezawa H, et al. *J Antibiot (Tokyo)* 23:425-7, Aug 70
- Studies on fin whale pancreatic proteases. 3. Properties of purified fin whale anionic chymotrypsin. Koide A, et al. *J Biochem (Tokyo)* 68:1-7, Jul 70
- An infrared study of the hydrogen-deuterium exchange of alpha-chymotrypsin and its diisopropylphosphoryl derivative. Bhaskar KR, et al. *J Biol Chem* 245:3302-4, 10 Jul 70
- Thermodynamics of alpha-chymotrypsin-substrate and inhibitor complex formation as a function of pH. Hydrophobic binding by the low and high pH forms of the enzyme. Cuppett CC, et al. *J Biol Chem* 245:1089-74, 10 Mar 70
- Irreversible enzyme inhibitors. CLXXII. Proteolytic enzymes. XVI. Covalent bonding of the sulfonyl fluoride group to serine outside the active site of alpha-chymotrypsin by exo-type active-site directed irreversible inhibitors. Cardinaud R, et al. *J Med Chem* 13:467-70, May 70
- Structure of gamma-chymotrypsin at 5.5 Å resolution. Cohen GH, et al. *J Molec Biol* 44:129-41, 28 Aug 69
- Conformation of the high pH form of chymotrypsin. McConn J, et al. *J Molec Biol* 39:551-62, 14 Feb 69
- Structure of crystalline alpha-chymotrypsin. 3. Crystallographic studies of substrates and inhibitors bound to the active site of alpha-chymotrypsin. Steltz TA, et al. *J Molec Biol* 46:337-48, 14 Dec 69
- Alpha-chymotrypsin: a case study of substituent constants and regression analysis in enzymic structure-activity relationships. Hansch C, et al. *J Pharm Sci* 59:731-43, Jun 70 (65 ref.)
- The regulation of synthesis and storage of chymotrypsin inhibitor I in leaves of potato and tomato plants. Ryan CA, et al. *Plant Physiol* 45:484-9, Apr 70
- Differential synthesis of chymotrypsin inhibitor I in variegated leaves of a cytoplasmic mutant of tobacco (Dp1). Ryan CA, et al. *Plant Physiol* 45:512-4, Apr 70
- Tumorigenesis in mouse skin: inhibition by synthetic inhibitors of proteases. Troll W, et al. *Science* 169:1211-3, 18 Sep 70
- Platelet reactions and immune processes. 3. The inhibition of platelet aggregation by chymotrypsin substrates and inhibitors. Jobin F, et al. *Thromb Diath Haemorrh* 23:110-9, 28 Feb 70
- [A new trypsin-chymotrypsin inhibitor in female cervix secretion] Haendle H, et al. *Hoppe Seyler Z Physiol Chem* 351:545-6, Apr 70 (Ger)
- [Influence of Trasylol on the effect of various proteases on erythrocytes] Uhlenbruck G, et al. *Klin Wschr* 47:673-5, 15 Jun 69 (Ger)
- [Proteinase inhibitors. 2. Proteinase inhibitors and insulin preparation] Stokov I, et al. *Pharmazie* 24:477-9, Aug 69 (Ger)
- [Influence of various drugs on tissue permeability. (4)] Yamagami I, et al. *Folia Pharmacol Jap* 66:19-35, 1970 (Jap)
- [Antagonism between histamine liberators and anti-inflammatory drugs in the isolated mast cells] Aoki K, et al. *Jap J Allerg* 19:633-4, Aug 70 (Jap)
- [Antiproteolytic properties of nonsteroid anti-inflammatory agents] Trinius FP, et al. *Farmakol Toksik* 32:715-8, Nov-Dec 69 (Rus)

## BIOSYNTHESIS

- The biosynthesis of multichain proteins. Williamson AR. *Essays Biochem* 5:139-75, 1969 (104 ref.)
- Some molecular characteristics of human urinary erythropoietin determined by gel filtration and density-gradient ultracentrifugation. O'Sullivan MB, et al. *J Lab Clin Med* 75:771-9, May 70

## CHEMICAL SYNTHESIS

- Studies on the preparation of water-insoluble derivatives of rennin and chymotrypsin and their use in the hydrolysis of casein and the clotting of milk. Green ML, et al. *Biochem J* 115:183-90, Nov 69

## ISOLATION &amp; PURIFICATION

- Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al. *Biochemistry (Wash)* 9:259-67, 20 Jan 70
- Isolation and properties of two chymotrypsins from the turtle *Pseudemys elegans*. Möckel W, et al. *Biochim Biophys Acta* 191:370-8, 4 Nov 69
- Studies on fin whale pancreatic proteases. II. Purification of the pancreatic proteases. Koide A, et al. *J Biochem (Tokyo)* 66:541-8, Oct 69
- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al. *J Nutr* 100:361-8, Mar 70

## METABOLISM

- Selective effect of quaternary ammonium salts on the activity of arylaminopeptidases of the dental pulp, and on trypsin, chymotrypsin and leucine aminopeptidase. Mäkinen KK, et al. *Acta Odont Scand* 28:389-98, Jun 70
- Pancreas acinar cell differentiation. 3. Importance of methionine in differentiation of pancreas anlage in organ culture. Parsa I, et al. *Amer J Path* 59:1-22, Apr 70
- In vitro inactivation of pancreatic enzymes in washings of the rat small intestine. Khayat MH, et al. *Amer J Physiol* 217:923-9, Oct 69
- Subcellular distribution of trypsinogen and chymotrypsinogen in rabbit pancreas. Rothman SS. *Amer J Physiol* 218:372-6, Feb 70
- Virus particle content of smallpox vaccines. Dunlap RC. *Appl Microbiol* 19:689-93, Apr 70
- Amino acid sequences of peptides from a chymotryptic digest of a urea-soluble protein fraction (U.S.3) from



# SUBJECT SECTION

## CHYMOTRYPSIN

- oxidized wool. Corfield MC, et al.  
*Biochem J* 115:323-34, Nov 69
- Lima bean trypsin inhibitor. Limited proteolysis by trypsin and chymotrypsin. Krahn J, et al.  
*Biochemistry (Wash)* 9:2646-52, 23 Jun 70
- Size and proteolytic enzyme activity of the pancreas of several species of vertebrate animals. Schingoethe DJ, et al. *Canad J Physiol Pharmacol* 48:43-9, Jan 70
- Digestive proteases in the cyclostome *Myxine glutinosa* (L). Nilsson A, et al.  
*Comp Biochem Physiol* 32:237-50, 15 Jan 70
- Chemically defined medium for organ culture differentiation of rat pancreas anlage. Parsa I, et al.  
*Exp Cell Res* 59:171-5, Jan 70
- Identification of the rate-limiting step in the chymotrypsin-catalyzed hydrolysis of N-acetyl-L-tryptophanamide. O'Leary MH, et al.  
*J Amer Chem Soc* 92:6089-90, 7 Oct 70
- Studies of the chymotrypsinogen family of proteins. IX. Steady-state kinetics of the chymotryptic hydrolysis of N-acetyl-L-tryptophan ethyl ester at pH 8.0. Rajender S, et al.  
*J Amer Chem Soc* 92:1379-85, 11 Mar 70
- Alpha-chymotrypsin. The use of substrates of restricted geometry to define the reactive conformation of methyl N-acetyl-L-phenylalaninate. Silver MS, et al. *J Amer Chem Soc* 92:3151-60, 20 May 70
- Cerebral proteinases in the growing rat. Oja SS, et al.  
*J Neurochem* 17:901-12, Jul 70
- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al.  
*J Nutr* 100:361-8, Mar 70
- Impaired lipid and vitamin E absorption related to atrophy of the pancreas in selenium-deficient chicks. Thompson JN, et al. *J Nutr* 100:797-809, Jul 70
- Effect of fluorophenylalanine on bacteriophage MS2 replication. Wray GW, et al. *J Virol* 5:165-72, Feb 70
- Studies on human gastric intrinsic factor. 3. Immunological observations of vitamin B12 binders in human gastric juice and other body fluids. Morishita R. *J Vitamin (Kyoto)* 15:104-15, 10 Jun 69
- Esterase activity of chymotrypsin on O-DNP-L-tyrosine ethyl ester substrates. Kundu N, et al.  
*Nature (London)* 226:1171, 20 Jun 70
- Mechanism of pancreatic autodigestion.  
*New Eng J Med* 283:487-8, 27 Aug 70
- Studies on the proteolytic activity of feces in pancreatic diseases. Halawa B, et al.  
*Pol Med J* 9:349-53, 1970
- Alkaline pH dependence of delta-chymotrypsin-catalyzed hydrolysis of specific substrates. Valenzuela P, et al.  
*Proc Nat Acad Sci USA* 63:1214-21, Aug 69
- Pancreatic proteolytic enzymes and growth in rats fed soybean of milk proteins. Schingoethe DJ, et al.  
*Proc Soc Exp Biol Med* 132:453-8, Nov 69
- Proteolytic digestion rates for altered enzymes. Stevens CO, et al. *Radiat Res* 41:362-74, Feb 70
- Studies on the binding of trypsin and chymotrypsin by human intestinal mucosa. Goldberg DM, et al.  
*Scand J Gastroent* 4:217-26, 1969
- Correction of an amide group allocation in the amino acid sequence of tobacco mosaic virus coat protein. Nozu Y, et al. *Virology* 40:1066-7, Apr 70
- [Proteolytic activity of trypsin and chymotrypsin from the intestinal microflora] Malis F, et al. (Cze)  
*Cesk Gastroent Vyz* 24:22-7, Jan 70
- [Study of variations of some digestive enzyme activities (caseinolytic and chymotryptic) during the development of *Aedes aegypti* larva] Combre A, et al. *J Physiol (Paris)* 2:Suppl 2:251, 1969 (Fre)
- [Comparison of the enzymatic activity of various pancreatic enzyme preparations in vitro] Müller-Wieland K, et al.  
*Deutsch Med Wschr* 94:1870-2, 12 Sep 69 (Ger)
- [Studies on separative determination of enzymes. 3. On the separative determination of alpha-chymotrypsin and bromelain (studies on enzyme preparations. XLIX) Suglura M, et al.  
*J Pharm Soc Jap* 89:1440-5, Oct 69 (Jap)
- [Effect of phosphororganic substances on the transmission of neural excitation] Kabachnik MI. *Vestn Akad Nauk SSSR* 38:86-94, May 68 (Rus)
- Sorption promoters in biopharmaceutics. Ritschel WA. *Angew Chem [Eng]* 8:699-710, Oct 69 (136 ref.)
- Accelerated plaque formation by fowlpox virus in the presence of chymotrypsin. Asch BB, et al.  
*Appl Microbiol* 18:897-900, Nov 69
- Enhancement of the infectivity titer of adenovirus type 8. Golden B, et al.  
*Arch Ophthal (Chicago)* 83:455-7, Apr 70
- The effect of proteolytic enzymes on acetylcholinesterase activity, the sodium pump and choline transport in human erythrocytes. Martin K. *Biochim Biophys Acta* 203:182-4, 17 Mar 70
- New assay of fibrinolytic activity as a continuous rate reaction. Roschlau WH, et al.  
*Canad J Physiol Pharmacol* 48:61-8, Jan 70
- A study of the attachment phase of phagocytosis by murine macrophages. Allen JM, et al.  
*Exp Cell Res* 59:105-16, Jan 70
- Phagocytosis of modified erythrocytes by macrophages and L2 cells. Rabinovitch M.  
*Exp Cell Res* 56:326-32, Aug 69
- Enhancement of drug activity by chymotrypsin. Penicillin penetration into granulomatous lesions and inflammatory fluids. Wohlman A, et al.  
*Experientia* 25:953-4, 15 Sep 69
- Studies on human cervical mucus: mucoids and their relation to sperm penetration. Moghissi KS, et al.  
*Fertil Steril* 21:234-9, Mar 70
- "Low" versus "high" concentration chymotrypsin in gastric exfoliative cytology. Brandborg LL, et al.  
*Gastroenterology* 57:500-5, Nov 69
- Kinin-like activity in nasal secretions of allergic patients. Dolovich J, et al.  
*Int Arch Allerg* 38:337-44, 1970
- Observations on membranes of *Mycoplasma laidlawii* strain B. Smith PF, et al. *J Bact* 100:1166-74, Dec 69
- Controlled proteolysis of nascent polypeptides in rat liver cell fractions. II. Location of the polypeptides in rough microsomes. Sabatini DD, et al.  
*J Cell Biol* 45:146-57, Apr 70
- Inactivation of nlsin by alpha-chymotrypsin. Jarvis B, et al. *J Dairy Sci* 52:1448-9, Sep 69
- Dissociation of sensory ganglia from the embryonic chick by pronase and other dispersing agents. Banks BE, et al. *J Embryol Exp Morph* 23:519-30, Apr 70
- Antifertilizing effect of the seminal vesicle fluid of bulls on females. Matoušek J, et al.  
*J Reprod Fertil* 20:189-92, Oct 69
- Chymotrypsin-effects on the water content and strength of healing wounds. Rosenthal SG, et al.  
*Plast Reconstr Surg* 46:287-93, Sep 70
- A muscarone-binding material in electroplax and its relation to the acetylcholine receptor. II. Dialysis assay. O'Brien RD, et al.  
*Proc Nat Acad Sci USA* 65:438-45, Feb 70
- Kinin formation and inactivation by alcalase, a proteolytic enzyme. Henningsen SJ, et al.  
*Proc Soc Exp Biol Med* 132:459-61, Nov 69
- Tissue penetrance of ampicillin and evaluation of variables of penetration. Crawford JR 3d.  
*Surg Forum* 20:490-1, 1969
- Further studies of toxic material from nematocysts of the cubomedusan *Chironex fleckeri* Southcott. Edean R, et al. *Toxicon* 7:303-14, Dec 69
- Polypeptide components of virions, top component and cores of reovirus type 3. Smith RE, et al.  
*Virology* 39:791-810, Dec 69
- [Action of normal and antipain rabbit serum against acute inflammatory reactions provoked in mice by papain] Richou R, et al.  
*C R Acad Sci [D] (Paris)* 269:2280-2, 3 Dec 69 (Fre)
- [Action of alphachymotrypsin on urinary calculi] Sautreaux M, et al.  
*C R Acad Sci [D] (Paris)* 270:2038-9, 20 Apr 70 (Fre)
- [Procedures for the determination of the total neuraminic acid content of erythrocytes and tumor cells, as well as in the use of pronase in tissue culture] Uhlenbruck G, et al. *Bibl Haemat* 32:337-48, 1969 (Ger)
- [Reduction of biogenic amines in human skin homogenate during incubation with alpha-chymotrypsin] Stüttgen G, et al.  
*Derm Mschr* 155:798-801, 1969 (Ger)
- [The acute antidiuretic activity of the epiphysis cerebri in Wistar rats] König A, et al.  
*Endokrinologie* 55:353-8, 1970 (Ger)
- [Electron microscope and experimental investigations on degranulation in tissue mast cells] Fasske E, et al.  
*Virchow Arch [Zellpath]* 4:126-36, 1969 (Ger)
- [Stromal mastocytosis of viral-induced transplantable

### PHARMACODYNAMICS

- Intracapsular cataract extraction by the cryotechnique and other methods. A comparative study of 826 cases. Seedorff HH, et al.  
*Acta Ophthal (Kobenhavn)* 47:761-73, 1969



- adenocarcinomas of the rat] Fasske E, et al.  
Z Krebsforsch 73:75-86, 25 Sep 69 (Ger)  
[Influence of intestinal juices on Taenia egg  
membranes] Gönner R, et al.  
Z Parasitenk 32:237-53, 1969 (Ger)  
[The dystrophic periodontal diseases as manifestation  
of peripheral vascular disease] Giarlino C, et al.  
Minerva Stomat 18:378-87, Jul 69 (Ita)  
[Influence of various drugs on tissue permeability. (4)]  
Yamagami I, et al.  
Folia Pharmacol Jap 66:19-35, 1970 (Jap)

## RADIATION EFFECTS

- Activity distributions in modified alpha-chymotrypsin.  
Kasche V.  
Biochem Biophys Res Commun 38:875-81, 12 Mar 70  
The effect of oxygen concentration on the quantum  
yields of the dye-sensitized photoinactivation of  
trypsin, alpha-chymotrypsin and lysozyme. Hodgson  
CF, et al. Experientia 25:1021-2, 15 Oct 69  
Acetic and propionic acid production from  
gamma-irradiated dry proteins. Friedberg F, et al.  
Radiat Res 42:446-50, Jun 70  
X- and gamma-irradiation of dilute solutions of  
chymotrypsin in atmospheres of air and nitrogen:  
effects on activity towards various substrates. Lynn  
KR. Radiat Res 43:525-33, Sep 70  
Proteolytic digestion rates for altered enzymes.  
Stevens CO, et al. Radiat Res 41:362-74, Feb 70  
[Photooxidation of alpha-chymotrypsin in the presence  
of boric acid] Berezin IV, et al.  
Dokl Akad Nauk SSSR 192:449-50, May 70 (Rus)

## SECRETION

- Regulation of pancreatic enzyme levels by trypsin  
inhibitors. Geratz JD, et al.  
Amer J Physiol 219:705-11, Sep 70  
Significance of cyclic AMP in the regulation of exocrine  
pancreas secretion. Knodell RG, et al.  
Experientia 26:515-7, 15 May 70  
[The mechanisms of control of the exocrine function of  
the pancreas] Dunnigan J.  
Laval Med 38:686-91, Sep 67 (Fre)  
[Effect of various protein-rich food products on the  
external secretory function of the pancreas]  
Storozhuk PG. Vop Pitn 29:3-7, Jan-Feb 70 (Rus)

## STANDARDS

- Operational normality of alpha-chymotrypsin solutions  
by a sensitive potentiometric technique using a  
fluoride electrode. Erlanger BF, et al.  
Anal Biochem 33:318-22, Feb 70  
[Comparative characteristics of Difco trypsin and  
chymopsin in work with tissue cultures] Terekhina  
NK, et al. Vop Virus 15:120-3, Jan-Feb 70 (Rus)

## THERAPEUTIC USE

- Histochemical investigations on ligneous conjunctivitis  
and a new method of treatment. Firat T, et al.  
Acta Ophthal (Kobenhavn) 48:3-13, 1970  
Intraocular pressure following penetrating keratoplasty.  
Irvine AR, et al. Amer J Ophthal 68:835-44, Nov 69  
Chymotrypsin-effects on the water content and  
strength of healing wounds. Rosenthal SG, et al.  
Plast Reconstr Surg 46:287-93, Sep 70  
[Prevention of cervical endometriosis following  
electrocoagulation] Mendl V.  
Cesk Gynek 34:605-8, Dec 69 (Cze)  
[Enzymes used as drugs] Bar D.  
Lille Med 15:827-47, May 70 (Fre)  
[Initial results of utilization of an anti-inflammatory  
ointment combining phenylbutazone and  
alphachymotrypsin in orthopedic surgery] Gacon G.  
Lyon Med 222:997-1000, 30 Nov 69 (Fre)  
[The treatment of sprains and superficial phlebitis  
with a pommade of synthesized heparinoid base and  
alpha-chymotrypsin. Personal experience over 2 years  
with 85 patients] Rivoire J.  
Lyon Med 221:269-70, 9 Feb 69 (Fre)  
[Electrophysiological studies of the problem of inner  
ear lesions caused by local application of proteolytic  
enzymes (alpha-chymotrypsin)] Flach M, et al.  
Arch Klin Exp Ohr Nas Kehlkopfheilk 195:17-24, 1969  
(Ger)  
[Ophthalmic drugs. 38] Metzner R.  
Pharm Prax 10:218-24, 1969 (102 ref.) (Ger)

- [Antibiotic-enzymatic-balsamic therapy in  
inflammatory pathology of the female genital tract]  
Cubesi G, et al. Minerva Gynec 22:572-8, 15 Jun 70 (Ita)  
[Hemorrhoids: a new drug therapy] D'Arrigo C.  
Minerva Med 60:4327-34, 31 Oct 69 (Ita)  
[Oral administration of an association of an antibiotic,  
enzymes and balsam in septic inflammatory diseases  
in gynecology and obstetrics] Locardi G.  
Minerva Med 61:961-5, 10 Mar 70 (Ita)  
[Sequential experimentation with an  
antibiotic-enzyme therapy (combination of  
tetracycline HCl and pancreatic proteases) in  
urogenital diseases] Alberti C, et al.  
Minerva Urol 22:23-6, Jan-Feb 70 (Ita)  
[Basic studies on antibiotic therapy for experimental  
purulent uveitis] Fukuzawa H.  
Acta Soc Ophthal Jap 73:1280-98, Aug 69 (Jap)  
[Anti-inflammatory principle synthesized by a strain of  
Serratia sp] Tsuji H.  
Folia Pharmacol Jap 65:245-59, 20 May 69 (Jap)  
[New orientation in the long-term treatment of  
rheumatic processes. Preliminary note] Bianchi W, et  
al. Hospital (Rio) 77:605-11, Feb 70 (Por)  
[Enzymatic-antibiotic combination in odontology. 1st  
observations] Borgo E.  
Hospital (Rio) 77:649-60, Feb 70 (Por)  
[Use of proteinases in the complex therapy of  
inflammatory diseases of the female genitalia]  
Sol'skii IaP, et al.  
Akush Ginek (Moskva) 45:31-5, Aug 69 (Rus)  
[Our experience with the use of the enzyme  
alpha-chymotrypsin] Ginev B.  
Klin Khir (Kiev) 4:69-71, Apr 69 (Rus)  
[Aerosol therapy with proteolytic enzymes and  
hormonal preparations in tuberculosis and  
nonspecific pulmonary diseases] Ginzburg ZI, et al.  
Probl Tuberk 47:48-52, 1969 (Rus)  
[Enzyme therapy of trophic ulcers] Gostishchev VK, et  
al. Sovet Med 33:43-7, Mar 70 (26 ref.) (Rus)  
[Proteolytic enzymes in the therapy of  
thrombophlebitis] Grigorian AV, et al.  
Sovet Med 32:89-95, Feb 69 (Rus)  
[Role of proteolytic enzymes in prevention and therapy  
of complications following skin plastic surgery of the  
face and jaw] Balon LR, et al.  
Vestn Khir Grekov 102:66-9, Apr 69 (Rus)  
[Use of proteolytic enzymes in the treatment of acute  
suppurative diseases of the maxillo-facial area]  
Protasevich AI.  
Vestn Khir Grekov 102:83-5, Mar 69 (Rus)  
[Treatment of nonspecific lung diseases with  
proteolytic enzymes] Kondilenko AG, et al.  
Vrach Delo 1:82-5, Jan 69 (Rus)  
[Treatment of phlegmons and abscesses of dental  
origin with tetracycline-L-Metillenilina plus  
trypsin-alphachymotrypsin by mouth] Cacchione E, et  
al. Rev Circ Argent Odont 33:42-8, Apr 70 (Spa)  
[Clinical evaluation of an enzyme-antibiotic treatment  
in dentistry using the "double-blind" method] Sabelli  
CA, et al. Rev Circ Argent Odont 32:41-8, Aug 69 (Spa)  
[Action of tetracycline-L-methacycline with  
trypsin-alphachymotrypsin in oral surgery] Arienza  
B. Trib Odont (B Alr) 54:15-7, Jan-Mar 70 (Spa)

## COAGULASE

- Some relationships among hemostasis, fibrinolytic  
phenomena, immunity, and the inflammatory  
response. Ratnoff OD.  
Advances Immun 10:145-227, 1969 (743 ref.)  
Diffuse glomerulonephritis associated with infected  
ventriculoatrial shunt. Stickler GB, et al.  
Amer Heart J 79:426-7, Mar 70  
Activation of coagulase clotting by trypsin inhibitor.  
Orth DS, et al. Appl Microbiol 18:906-10, Nov 69  
Evaluation of reagent-impregnated coagulase-mannitol  
test strip for speciation of staphylococci. Washington  
JA 2d, et al. Appl Microbiol 19:702-3, Apr 70  
The relationship of pathogenic coagulase-negative  
staphylococci to Staphylococcus aureus. Smith HB, et  
al. Canad J Microbiol 15:879-90, Aug 69  
Phage-typing for coagulase-negative staphylococci.  
Williams RE, et al. J Med Microbiol 3:Plx, Feb 70  
Significance of coagulase-negative staphylococcal  
bacteriuria. Mabeck CE. Lancet 2:1150-2, 29 Nov 69  
[Study on serological analysis of negative coagulase  
staphylococcus. Study of 2 serotypes] Pillet J, et al.  
Ann Inst Pasteur (Paris) 119:193-205, Aug 70 (Fre)  
[Staphylocoagulase, specific immunity and



# SUBJECT SECTION

# COAGULASE

- inflammation] Lallouette P, et al.  
*Rev Immun (Paris)* 34:39-45, Jan-Mar 70 (Fre)  
 [The differentiation of selected staphylococcus strains using bacteriophages] Matz K, et al.  
*Arch Hyg Bakt* 153:366-73, Aug 69 (Ger)  
 [Selective cultivation of coagulase-positive staphylococci from chopped meat] Sinell HJ, et al.  
*Arch Hyg Bakt* 153:56-66, Feb 69 (Ger)  
 [Comparative studies of pathogenicity determination in staphylococci] Winterhoff D.  
*Arch Hyg Bakt* 153:67-71, Feb 69 (Ger)  
 [Selective concentration of staphylococcal "Panton-Valentine" leukocidine with aluminum oxide-cholesterol] Kanoe M, et al.  
*Z Naturforsch [B]* 24:1431-5, Nov 69 (Ger)  
 [A study on relationship between pathogenicity and urease-production in coagulase-negative staphylococci (staphylococcus albus)] Adam D.  
*Zbl Bakt [Orig]* 210:149-57, Jun 69 (Ger)  
 [Lysotyping of "canine" staphylococci] Jaekel J, et al.  
*Zbl Bakt [Orig]* 210:145-8, Jun 69 (Ger)  
 [Studies on the detection of enterotoxin B produced by coagulase-positive staphylococci] Sinell HJ, et al.  
*Zbl Bakt [Orig]* 210:19-31, May 69 (Ger)  
 [Comparative studies on lactate dehydrogenase and malate dehydrogenase activity in staphylococci] Wunderlich R. *Zbl Bakt [Orig]* 209:569-71, 1969 (Ger)  
 [Studies on aerosol. 2. With special emphasis on bacterial aerosol, especially hemolytic bacteria] Takakuwa E, et al. *Jap J Hyg* 24:442-7, Oct 69 (Jap)  
 [Content of growth inhibitor in coagulase-negative staphylococci in normal human sera] Cybulska J, et al.  
*Med Dosw Mikrobiol* 21:249-53, 1969 (Pol)  
 [Staphylococcus aureus-evaluation of tests for its identification. Differences in the biochemical action in human and animal strains] Ashcar H.  
*Rev Fac Odont P Alegre* 7:5-39, Jan-Jun 69 (Por)  
 [Peptidase activity of microbic plasmacoagulase] Zaikina NA, et al.  
*Vop Med Khim* 15:183-9, Mar-Apr 69 (Rus)

## ADMINISTRATION & DOSAGE

- Serologic and clinical reaction in cows to staphylococcal antigens. San Clemente CL.  
*Amer J Vet Res* 31:643-51, Apr 70  
 Staphylocoagulase as a hemostatic agent. Mojovic B, et al. *Yale J Biol Med* 42:11-20, Aug 69  
 [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
*Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)

## ANALYSIS

- Serologic and clinical reaction in cows to staphylococcal antigens. San Clemente CL.  
*Amer J Vet Res* 31:643-51, Apr 70  
 Identification of staphylococci isolated from clinical material. Raymond EA, et al.  
*Appl Microbiol* 19:919-22, Jun 70  
 Investigations of the immunochemical properties of a coagulase-negative mutant of Staphylococcus aureus. Jungerman D, et al.  
*Bull Acad Pol Sci [Biol]* 17:101-7, 1969  
 Contamination of trial contact lenses. Maberley AL, et al. *Canad J Ophthal* 5:46-54, Jan 70  
 Violagabrieliae variant of Staphylococcus epidermidis on normal human skin. Marples RR.  
*J Bact* 100:47-50, Oct 69  
 Mercury resistance of Staphylococcus aureus. Hall BM.  
*J Hyg (Camb)* 68:121-9, Mar 70  
 A plate test for staphylococcal coagulase. Grummitt JK.  
*J Med Lab Techn* 26:227-30, Jul 69  
 Biochemical activity of coagulase positive staphylococci isolated from cases and carriers. Bhaskaran CS, et al.  
*Path Microbiol (Basel)* 33:39-43, 1969  
 Further studies on thrombin-coagulase. Soulier JP, et al. *Thromb Diath Haemorrh* 23:37-49, 28 Feb 70  
 Staphylocoagulase as a hemostatic agent. Mojovic B, et al. *Yale J Biol Med* 42:11-20, Aug 69  
 [Study of 600 strains of isolated staphylococci in current bacteriological practice] Jame P, et al.  
*Ann Biol Clin (Paris)* 28:75-8, 1970 (Fre)  
 [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
*Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)  
 [Serotypical study of 400 strains of staphylococci isolated in Rouen hospitals] Lemeland JF, et al.  
*Path Biol (Paris)* 18:619-26, Jun-Jul 70 (Fre)

- [Staphylocoagulase, specific immunity and inflammation] Lallouette P, et al.  
*Rev Immun (Paris)* 34:39-45, Jan-Mar 70 (Fre)  
 [Biological properties, drug sensitivity and phage types of staphylococci isolated from rats (Rattus norvegicus) and swine] Mori M, et al.  
*Jap J Bact* 25:1-9, 1970 (Jap)  
 [Biochemistry of the lymph] Kotani M.  
*Jap J Clin Med* 28:13-22, Jan 70 (130 ref.) (Jap)  
 [Bacterial flora of surgical wounds healing complicated by suppuration] Rutecka-Bonin I, et al.  
*Pol Tyg Lek* 24:1354-6, 2 Sep 69 (Pol)

## ANTAGONISTS & INHIBITORS

- [Study of anti-staphylocoagulase antibodies: distribution and antigenic specificity in connection with the phagic group of the strain] Couroucé-Pauty AM, et al.  
*Ann Inst Pasteur (Paris)* 118:302-23, Mar 70 (Fre)  
 [Peptidase activity of microbic plasmacoagulase] Zaikina NA, et al.  
*Vop Med Khim* 15:183-9, Mar-Apr 69 (Rus)

## BIOSYNTHESIS

- Polymyxin-coagulase-mannitol-agar. I. A selective isolation medium for coagulase-positive staphylococci. Orth DS, et al.  
*Appl Microbiol* 19:73-5, Jan 70  
 [Correlation of some staphylococcal antigens with phage type and the amount of coagulase produced in vitro] Polaczek-Kornecka B, et al.  
*Med Dosw Mikrobiol* 21:341-4, 1969 (Pol)

## DIAGNOSTIC USE

- A study of some biological properties of staphylococci isolated from pathological material in human infections. Jayakar PA, et al.  
*Indian J Path Bact* 12:26-32, Jan 69  
 [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
*Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)

## ISOLATION & PURIFICATION

- Staphylocoagulase as a hemostatic agent. Mojovic B, et al. *Yale J Biol Med* 42:11-20, Aug 69  
 [Experimental infection of mouse by staphylococcus. Correlations between presence of some enzymes and pathogenic power of strains] Fouace J, et al.  
*Ann Inst Pasteur (Paris)* 118:775-84, Jun 70 (Fre)  
 [Biological activity of pathogenic staphylococci] Jeljaszewicz J, et al.  
*Deutsch Med Wschr* 94:2349-54, 7 Nov 69 (118 ref.) (Ger)  
 [On the purification of staphylokinase] Satoh Y.  
*Sapporo Med J* 35:67-77, Jan-Feb 69 (Jap)

## METABOLISM

- Bacteriophage typing of coagulase-negative staphylococci. Boven CP van, et al.  
*Antonie Leeuwenhoek* 35:232, 1969  
 Bacteriological examination of commercial precooked Eastern-type turkey rolls. Mercuri AJ, et al.  
*Appl Microbiol* 19:768-71, May 70  
 Evaluation of reagent-impregnated coagulase-mannitol test strip for speciation of staphylococci. Washington JA 2d, et al. *Appl Microbiol* 19:702-3, Apr 70  
 Deoxyribonuclease-positive Staphylococcus epidermidis strains. Zierdt CH, et al.  
*Appl Microbiol* 20:54-7, Jul 70  
 Hyaluronate lyase activity of staphylococci. Choudhuri KK, et al. *Indian J Exp Biol* 7:183-5, Jul 69  
 Isolation of mutants of Staphylococcus aureus lacking extracellular nuclease activity. Omenn GS, et al.  
*J Bact* 101:921-4, Mar 70  
 Antibiotic resistant staphylococci from cases and carriers. Bhaskaran CS, et al.  
*Path Microbiol (Basel)* 34:98-104, 1969  
 Staphylococcal interference. Cybulska J, et al.  
*Zbl Bakt [Orig]* 211:186-97, 1969  
 A study of staphylococci of bovine origin Staphylococcus aureus var. bovis. Hájek V, et al.  
*Zbl Bakt [Orig]* 209:154-60, Jan 69  
 A study of staphylococci isolated from the upper respiratory tract of different animal species. Hájek V, et al. *Zbl Bakt [Orig]* 212:60-73, Dec 69



- [Lipolytic activity of staphylococci] Pazdiora A, et al. *Cesk Epidem* 19:94-8, Mar 70 (Cze)  
 [Critical study of the principal characteristics of pathogenicity in *Staphylococcus aureus*. The use of serotyping as means of comparison] Fleurette J, et al. *Path Microbiol (Basel)* 32:191-204, 1968 (Fre)  
 [Enterotoxin-forming staphylococci in foodstuffs] Untermann F. *Arch Hyg Bakt* 153:421-6, Oct 69 (Ger)  
 [Lysotypes, biochemical power spectra, antibiograms and pathogenicity of coagulase-positive staphylococci to the udder] Heesch W, et al.  
*Zbl Bakt [Orig]* 213:333-48, Apr 70 (Ger)  
 [Investigations on staphylococcal "leucocidins" of varying origin] Wenk K, et al.  
*Zbl Bakt [Orig]* 213:479-87, May 70 (Ger)

## PHARMACODYNAMICS

- Serologic and clinical reaction in cows to staphylococcal antigens. San Clemente CL. *Amer J Vet Res* 31:643-51, Apr 70  
 Influence of fungal plasmocoagulase on some microbial infections. Zalkina NA, et al. *Mycopathologia* 39:187-95, 28 Nov 69  
 Staphylocoagulase as a hemostatic agent. Mojovic B, et al. *Yale J Biol Med* 42:11-20, Aug 69  
 [Staphylocoagulase, specific immunity and inflammation] Lallouette P, et al. *Rev Immun (Paris)* 34:39-45, Jan-Mar 70 (Fre)  
 [Biological activity of pathogenic staphylococci] Jellaszewicz J, et al. *Deutsch Med Wschr* 94:2349-54, 7 Nov 69 (118 ref.) (Ger)

## DIET, ATHEROGENIC

- Development and regression of morphological and biochemical changes in hamsters and mice fed a cholesterol cholic acid containing diet. Bergman F, et al. *Acta Path Microbiol Scand [A]* 78:179-91, 1970  
 Ascorbic acid and atherosclerosis. Shaffer CF. *Amer J Clin Nutr* 23:27-30, Jan 70  
 Mechanism of calcification in spontaneous aortic arteriosclerotic lesions of the rabbit. An electron microscopic study. Haust MD, et al. *Amer J Path* 60:329-46, Sep 70  
 Effects of an anion exchange resin (cholestyramine) on atherogenesis in rhesus monkeys. Younger RK, et al. *Amer Surg* 35:886-8, Dec 69  
 Experimental stenosis of the aortic arch in cockerels. Reinis Z, et al. *Angiologica (Basel)* 6:362-75, 1969  
 Thrombotic, atherosclerotic and lipemic effects of dietary fats in the rat. Renaud S. *Angiology* 20:657-69, Dec 69  
 High-carbohydrate diet and atherosclerosis in rabbits. Shah VV, et al. *Angiology* 21:71-4, Feb 70  
 Long-term daily outpatient heparin therapy in hyperlipemic and normolipemic atherosclerotic states. Woldow A, et al. *Angiology* 21:180-7, Mar 70  
 Remediable precursors of coronary artery disease. Doyle JT. *Ann Intern Med* 73:131-3, Jul 70  
 Kinetics of cellular proliferation in experimental atherosclerosis. Radioautography with grain counts in cholesterol-fed rabbits. Sary HC, et al. *Arch Path (Chicago)* 89:173-83, Feb 70  
 Experimental atherosclerosis in normal and subdiabetic rabbits. I. Short-term studies. Wellmann KF, et al. *Arch Path (Chicago)* 90:206-17, Sep 70  
 Lipid changes in the plasma lipoproteins of baboons given an atherogenic diet. I. Changes in the lipids of total plasma and of alpha and beta-lipoproteins. Blaton V, et al. *Atherosclerosis* 11:497-507, May-Jun 70  
 Effects of certain Indian pulses on the serum, liver and aortic lipid levels in rats fed a hypercholesterolaemic diet. Devi KS, et al. *Atherosclerosis* 11:479-84, May-Jun 70  
 Increasing aortic permeability by atherogenic diet. Veress B, et al. *Atherosclerosis* 11:369-71, May-Jun 70  
 Cholesterol esterification in rabbit plasma. Stefanovich V. *Biochem J* 115:555-61, Nov 69  
 Application of a rapid colorimetric assay to detect alterations in rat proline imino peptidase. Cutroneo KR, et al. *Biochim Biophys Acta* 198:271-5, 11 Feb 70  
 Heterogeneity of lipid composition of microsome subfractions from aorta and liver. Portman OW, et al. *Biochim Biophys Acta* 187:435-8, 28 Oct 69  
 Basophilic leukocytes in the hyperlipemic rabbit. Thonnard-Neumann E, et al. *Blut* 20:214-21, Apr 70  
 Regression of coronary atheromatosis in rhesus monkeys. Armstrong ML, et al. *Circ Res* 27:59-67, Jul 70  
 A long-time study of the blood lipids of two students of atherosclerosis. Page IH, et al. *Circulation* 40:915-8, Nov 69  
 Coronary heart disease in seven countries. XVII. The diet. *Circulation* 41:Suppl 1:162+, Apr 70  
 The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. *Cor Vasa* 11:198-206, 1969  
 Localization by autoradiography of phospholipid synthesis in rabbit atherosclerotic aorta. Day AJ, et al. *Exp Molec Path* 11:263-74, Dec 69  
 Poorly differentiated subendothelial cells in swine aortas. Lee KT, et al. *Exp Molec Path* 13:118-29, Aug 70  
 Whole body sterol metabolism in squirrel monkeys (*Saimiri sciureus*). Lofland HB Jr, et al. *Exp Molec Path* 13:1-11, Aug 70  
 Studies in rabbits of cellular mechanisms accounting for enhancement of diet-induced atherosclerosis by x-irradiation. Tiamson E, et al. *Exp Molec Path* 12:175-84, Apr 70  
 Carbon monoxide-aggravated atherosclerosis in the squirrel monkey. Webster WS, et al. *Exp Molec Path* 13:36-50, Aug 70  
 Concerning collagen and elastin in aortas of nine different species. Stefanovich V. *Experientia* 26:500-1, 15 May 70  
 The influence of ATP-Spofa on the fatty infiltration of the liver due to cardiopathogenic diet. Lazarová Z, et al. *Folia Morph (Praha)* 18:21-4, 1970  
 Sucrose—what else besides carries? Macdonald I. *Guy Hosp Rep* 118:489-93, 1969  
 Influence of vitamin B 12 on fecal excretion of cholesterol and bile acid of albino rats kept on high cholesterol diet. Banerjee B, et al. *Indian J Exp Biol* 7:265-6, Oct 69  
 Role of catecholamines in experimental atherosclerosis. Kapoor NK, et al. *Indian J Exp Biol* 7:143-4, Jul 69  
 Effect of glycogen with adrenaline on experimental atherosclerosis. Nityanand S, et al. *Indian J Exp Biol* 7:140-2, Jul 69  
 Dietary inhibition of experimental atherosclerosis in rabbits by 2-ethyl-n-caproic acid. Chung TH, et al. *J Atheroscler Res* 10:217-27, Sep-Oct 69  
 The effect of chronic hypovitaminosis C on the metabolism of cholesterol and atherogenesis in guinea pigs. Ginter E, et al. *J Atheroscler Res* 10:341-52, Nov-Dec 69  
 Influence of lactose feeding on cholesterol absorption and metabolism. Irtani N, et al. *J Atheroscler Res* 10:207-16, Sep-Oct 69  
 Reversal of rabbit atheromatosis by hyperoxia. Kjeldsen K, et al. *J Atheroscler Res* 10:173-8, Sep-Oct 69  
 Phospholipid changes in the eye and aorta of cholesterol-fed rabbits. Roscoe HG, et al. *J Atheroscler Res* 10:123-30, Jul-Aug 69  
 Influence of atherosclerosis on the composition, synthesis, and esterification of lipids in aortas of squirrel monkeys (*Saimiri sciureus*). St. Clair RW, et al. *J Atheroscler Res* 10:193-206, Sep-Oct 69  
 Aortic atherosclerosis of turkeys induced by feeding of cholesterol. Simpson CF, et al. *J Atheroscler Res* 10:63-75, Jul-Aug 69  
 Atheromata in an inbred strain of mice. Thompson JS. *J Atheroscler Res* 10:113-22, Jul-Aug 69  
 Effects of four variations of a surfactant polymer on experimental atherosclerosis in rabbits. Weigensberg BI. *J Atheroscler Res* 10:291-301, Nov-Dec 69  
 The measurement of the exchangeable pools of cholesterol in the baboon. Wilson JD. *J Clin Invest* 49:655-65, Apr 70  
 Metabolism of sphingolipids by normal and atherosclerotic aorta of squirrel monkeys. Portman OW, et al. *J Lipid Res* 11:23-30, Jan 70  
 The potential for reducing the risk associated with elevated blood lipids. McGandy RB, et al. *J Med Ass Georgia* 59:62-6, Feb 70  
 The effect of N-gamma-phenylpropyl-N-benzoyloxy acetamide (W-1372) on experimental atherosclerosis and hypercholesterolemia. Berger FM, et al. *J Pharmacol Exp Ther* 170:371-81, Dec 69  
 Comparison of cerebrovascular perfusion after ischemia in normal and atherosclerotic rabbits. Cantu RC, et al. *J Surg Res* 10:129-31, Mar 70  
 Dietary prevention of atherosclerosis. Malmros H. *Lancet* 1:94-5, 10 Jan 70  
 Dietary prevention of atherosclerosis. Yudkin J. *Lancet* 1:418, 21 Feb 70



# SUBJECT SECTION

# EMBOLISM,

- Effect of an atherosclerotic diet on the uptake and metabolism of norepinephrine 14C in the rat. Janiec W, et al. *Life Sci* [II] 9:571-80, 22 May 70
- Plasma cholesterol turnover and esterification in the pigeon. Bell FP, et al. *Lipids* 5:153-5, Jan 70
- Comparison of amorphous and crystalline cholesterol in establishment of atherosclerosis in rabbits. Kritchevsky D, et al. *Med Exp (Basel)* 19:185-93, 1969
- Effects of dietary glucose and cholesterol on atherosclerosis, aortic lipids, and serum lipid and insulin levels in rabbits. Flanagan PW, et al. *Ohio Med J* 66:373-8, Apr 70
- The effects of various physical activity levels and dietary carbohydrate source on rat cholesterol levels. Ahrens RA, et al.
- Proc Soc Exp Biol Med* 134:1043-6, Sep 70
- The effect of experimental cholestasis on the negative feedback regulation of cholesterol synthesis in rat liver. Kattermann R, et al.
- Scand J Gastroent* 5:337-42, 1970
- Comparison of vein grafts and dacron grafts in the femoral and iliac arteries in dogs on an atherogenic regimen. Bolasny BL, et al. *Surg Forum* 20:99-100, 1969
- Ileal bypass in the infant rabbit with pediatric clinical findings. Buchwald H, et al. *Surg Forum* 20:394-6, 1969
- Regression of hypercholesterolemia and atherosclerosis: biliary diversion and dietary changes in the dog. DePalma RG, et al.
- Surg Forum* 20:392-3, 1969
- Comparison of autogenous venous and aortic grafts in the abdominal aorta of dogs on an experimental atherogenic regimen. Morgan CV, et al.
- Surg Forum* 20:239-40, 1969
- Comparison of the protective effects of cholestyramine and ileal bypass in rhesus monkeys on an atherogenic regimen. Younger RK, et al. *Surg Forum* 20:101-3, 1969
- Progression and regression of experimental atherosclerosis. DePalma RG, et al.
- Surg Gynec Obstet* 131:633-47, Oct 70
- Prevention of atherosclerotic coronary heart disease by change of diet and mode of life. Stamler J. *Ther Umsch* 27:133-44, Mar 70
- Failure of egg-yolk feeding to accelerate progress of atherosclerosis in older female swine. Luginbühl H, et al. *Virchow Arch [Path Anat]* 348:281-9, 1969
- [Thyroid function anserum proteins in ilmia] Walt JD vaner, et al. *S Afr Med J* 43:1382-3, 8 Nov 69 (Afr)
- [Familial hypercholesterolemia cutaneo-tendineous xanthomatosis] Degos R, et al.
- Bull Soc Franc Derm Syph* 76:781-4, 1969 (Fre)
- [Dietetics in hyperlipemia (theoretical bases and practical applications)] Warembourg H, et al.
- Lille Med* 15:211-22, Jan 70 (Fre)
- [Effects of dietary lipid content on the requirements of 4 B group vitamins by rats] Carré L, et al.
- Nutr Dieta (Basel)* 11:241-50, 1969 (Fre)
- [Atherogenic hyperproteinemia. Value of identification in children] Loeper J, et al.
- Presse Med* 78:1219-22, 30 May 70 (Fre)
- [Cholesterol and nutrition in the elderly] Schulz J, et al. *Deutsch Gesundh* 24:1332-4, 10 Jul 69 (Ger)
- [The pathogenesis of obliterating arterial processes in hypercholesterolemia] Frost H.
- Thromb Diath Haemorrh* 22:351-9, 15 Nov 69 (Ger)
- [The influence of histamine and atherogenic diet on the number of tissue mast cells in the rat] Parwaresch MR, et al.
- Virchow Arch [Zellpath]* 4:137-47, 1969 (Ger)
- [Arteriosclerosis] Anschütz F.
- Z Allgemeinmed* 45:1461-70, 10 Nov 69 (14 ref.) (Ger)
- [Electron microscopic study of the lymphatic vessels of the aorta in rats kept on atherogenic diet] Veress B, et al. *Orv Hetil* 110:2987-9, 21 Dec 69 (Hun)
- [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al.
- Boll Chimicofarm* 106:67-84, Feb 67 (172 ref.) (Ita)
- [International Atherosclerosis Project] Solberg LA. *Nord Med* 83:97-102, 22 Jan 70 (Nor)
- [Effect of chemical medullosclerosis of the adrenal glands on the atherogenic humoral syndrome. Research with long-term experiments] Mandache F, et al. *Stud Cercet Endocr* 21:31-41, 1970 (Rum)
- [Hypocholesteremic value of some unsaturated fats] Cucu F, et al.
- Stud Cercet Med Intern* 10:361-4, 1969 (Rum)
- [The effect of ovariectomy, estrogen administration and cholesterol consumption on the function of the thyroid gland and ECG of rabbits] Loskutova EA, et al.
- Biull Eksp Biol Med* 69:26-8, Feb 70 (Rus)
- [Effect of niamid on cholesterol metabolism based on

- atherogenic diet] Ognivenko VM, et al.
- Farmakol Toksik* 33:31-4, Jan-Feb 70 (Rus)
- [Protein and lipid metabolism in the myocardium in hypercholesterolemia caused by various methods] Chernysheva GV, et al.
- Kardiologia* 9:102-7, Nov 69 (Rus)
- [Effect of Biotin on retrograde development of experimental atherosclerosis in rabbits] Sinitsyna TA, et al. *Kardiologia* 10:131-4, Feb 70 (Rus)
- [The effect of an ultrahigh frequency electromagnetic field on the course of experimental atherosclerosis] Pertsovskii AI, et al.
- Pat Fiziol Eksp Ter* 13:64-6, Mar-Apr 69 (Rus)
- [Lipids metabolism during the treatment of experimental hypercholesterolemia by nyamide] Ognivenko VM, et al.
- Vop Med Khim* 16:184-9, Mar-Apr 70 (Rus)
- [Distinctive features characterizing metabolic processes in rabbits kept on a cholesterol-free atherogenic diet and following administration to them of a fibrinolytic activity inhibitor] Apekar' SG, et al.
- Vop Pitan* 28:24-9, Nov-Dec 69 (Rus)
- [Antithrombin activity of the aortic wall in rats kept on an atherogenic diet] Oborina IuN, et al.
- Vop Pitan* 28:29-31, Nov-Dec 69 (Rus)
- [Experimental atherosclerosis in rabbits during intermittent feeding with cholesterol] Pertsovskii AI, et al. *Vop Pitan* 28:83-5, Mar-Apr 69 (Rus)
- [Effect of high-magnesium hip-sirup (Viroma) on experimentally induced and essential hypertension] Rigó J, et al. *Vop Pitan* 28:12-6, Jul-Aug 69 (Rus)
- [Dietetic factors and coronary heart diseases] Masironi R. *Bol Ofic Sanit Panamer* 68:510-25, Jun 70 (Spa)
- [Functional activity of the thyroid gland and content of SH- and S-S-groups in blood as related to the level of alimentary cholesterolemia in rabbits] Pashchenko AE, et al. *Ukr Biokhim Zh* 41:406-10, 1969 (Ukr)

## ADVERSE EFFECTS

- Pathogenesis of myocardial infarcts in rats fed a thrombogenic diet. Wilson RB, et al.
- Arch Path (Chicago)* 89:457-69, May 70
- Degeneration of arterial smooth muscle cells: ultrastructural study of smooth muscle cell death in control and cholesterol-fed animals. Imai H, et al.
- Virchow Arch [Path Anat]* 350:183-204, 1970

## EMBOLISM, AMNIOTIC FLUID

- Induction of labour. A comparison of intranasal and transbuccal administration of oxytocin. Sjöstedt S. *Acta Obstet Gynec Scand [Suppl]* 7:Suppl 7:1-17, 1969
- Influence of an industrial surfactant (pluronic F-68) on human amniotic fluid embolism. Hymes AC, et al.
- Amer J Obstet Gynec* 107:1217-22, 15 Aug 70
- Special indications for gelatin plasma substitutes in gynecology. Pfeifer GW. *Bibl Haemat* 33:534-5, 1969
- [The amniotic embolism] Lyonnet R, et al.
- Rev Franc Gynec Obstet* 65:513-7, Sep 70 (Fre)
- [Amniotic fluid embolism] Maki M, et al.
- Sanfujin Jissai* 19:32-9, Jan 70 (Jap)
- [2 cases of amniotic fluid embolism] Zaborski F, et al.
- Pol Tyg Lek* 25:223-5, 9 Feb 70 (Pol)

## BLOOD

- Consumption coagulopathy in obstetrics and gynecology. Steichele DF.
- Thromb Diath Haemorrh* 36:Suppl 36:177+, 1969

## COMPLICATIONS

- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Pulmonary embolism: modern concepts and diagnostic techniques. Riccitelli ML.
- J Amer Geriatr Soc* 18:714-28, Sep 70 (42 ref.)
- Amniotic fluid embolism. An analysis of 40 cases. Peterson EP, et al. *Obstet Gynec* 35:787-93, May 70
- [An histologically confirmed case of fatal amniotic fluid embolism] Doszpod J, et al.
- Zbl Gynaek* 91:1510-6, 15 Nov 69 (Ger)
- [Problems of resuscitation in obstetrics] Baksheev NS, et al. *Vop Okhr Materin Dets* 14:54-60, Mar 69 (Rus)

## DIAGNOSIS

- Amniotic fluid embolism. An analysis of 40 cases. Peterson EP, et al. *Obstet Gynec* 35:787-93, May 70



## EMBOLISM,

## SUBJECT SECTION

- [Amniotic fluid embolism] Maki M, et al.  
Sanfujin Jissai 19:32-9, Jan 70 (Jap)

### DRUG THERAPY

- Therapeutic studies in experimental amniotic fluid embolism in rabbits. Dutta D, et al.  
Amer J Obstet Gynec 106:1201-8, 15 Apr 70  
[The amniotic embolism] Lyonnet R, et al.  
Rev Franc Gynec Obstet 65:513-7, Sep 70 (Fre)  
[Therapy of amniotic fluid embolism] Striegler E, et al.  
Geburtsh Frauenheilk 29:725-8, Aug 69 (Ger)  
[Amniotic fluid embolism] Maki M, et al.  
Sanfujin Jissai 19:32-9, Jan 70 (Jap)

### ETIOLOGY

- Amniotic fluid embolism. Courtney LD.  
Brit Med J 1:545, 28 Feb 70  
[An histologically confirmed case of fatal amniotic fluid embolism] Doszpod J, et al.  
Zbl Gynaek 91:1510-6, 15 Nov 69 (Ger)

### MORTALITY

- Amniotic fluid embolism. Courtney LD.  
Brit Med J 1:545, 28 Feb 70  
The role of anesthesia in obstetric mortality. Phillips OC. Int Anesth Clin 6:847-73, Fall 68 (40 ref.)  
From the files of the Committee for the Study of Maternal Mortality.  
J Kentucky Med Ass 67:885-7, Dec 69

### PATHOLOGY

- Therapeutic studies in experimental amniotic fluid embolism in rabbits. Dutta D, et al.  
Amer J Obstet Gynec 106:1201-8, 15 Apr 70  
Amniotic fluid embolism. An analysis of 40 cases. Peterson EP, et al. Obstet Gynec 35:787-93, May 70  
[An histologically confirmed case of fatal amniotic fluid embolism] Doszpod J, et al.  
Zbl Gynaek 91:1510-6, 15 Nov 69 (Ger)  
[Amniotic fluid embolism] Maki M, et al.  
Sanfujin Jissai 19:32-9, Jan 70 (Jap)

### PHYSIOPATHOLOGY

- Therapeutic studies in experimental amniotic fluid embolism in rabbits. Dutta D, et al.  
Amer J Obstet Gynec 106:1201-8, 15 Apr 70  
Amniotic fluid embolism: effects on myocardial contractility and systemic and pulmonary vascular resistance. Rodgers BM, et al.  
Surg Forum 20:203-5, 1969

### THERAPY

- [Probable case of amniotic embolism. Cure with heparin therapy and extrarenal epuration] Lyonnet R, et al.  
Bull Fed Gynec Obstet Franc 22:66, Jan-Mar 70 (Fre)  
[Problems of resuscitation in obstetrics] Baksheev NS, et al. Vop Okhr Materin Dets 14:54-60, Mar 69 (Rus)

### ETHYL BISCOUMACETATE

- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)

### ADVERSE EFFECTS

- [A case of skin necrosis after anticoagulant therapy] Pierre M, et al. Ann Chir Plast 15:57-9, 1970 (Fre)  
[Pharyngeal hematomas complicating an anticoagulant treatment] Ray J, et al.  
Presse Med 77:2054, 20 Dec 69 (Fre)

### ANALYSIS

- [Spectrophotometric method for quantitative determination of dicoumarin and neodiceumarin] Solomonova SG, et al.  
Farm Zh (Kiev) 25:83-4, 1970 (Ukr)

### ANTAGONISTS & INHIBITORS

- [Effects of metalocenes of the metabolism of some

- drugs in the rat] Buu-Hoi NP, et al.  
C R Acad Sci [D] (Paris) 270:217-9, 5 Jan 70 (Fre)

### METABOLISM

- Determination of psychotropic drugs in body fluids. Helm HJ van der, et al.  
Psychiat Neurol Neurochir 72:507-12, Nov-Dec 69  
[Effects of metalocenes of the metabolism of some drugs in the rat] Buu-Hoi NP, et al.  
C R Acad Sci [D] (Paris) 270:217-9, 5 Jan 70 (Fre)

### PHARMACODYNAMICS

- Anticoagulant activity of Heraclenol. Mishra KC, et al.  
Indian J Physiol Pharmacol 13:153-5, Jul 69  
[Effects of tromexan on cellular respiration and glucose consumption] Romo E, et al.  
Rev Esp Fisiol 25:175-80, Sep 69 (Spa)

### THERAPEUTIC USE

- [Changes in blood coagulation following reconstructive operations of obliterated arteries of the lower extremities] Patrušínová H, et al.  
Cas Lek Cesk 108:1409-13, 14 Nov 69 (Cze)  
[Myocardial infarct as a stochastic manifestation] Drdová S, et al. Cesk Zdrav 17:437-9, 1969 (Cze)  
[Medical treatment of acute venous thrombosis] Milleret PG. Phlebologie 23:39-45, Jan-Mar 70 (Fre)  
[Experience with prophylactic postoperative anticoagulant treatment in 6551 patients] Alánt O, et al. Acta Chir Acad Sci Hung 10:139-50, 1969 (Ger)  
[Biological half-life of fibrinogen labelled with radioactive iodine I-131 in coronary disease] Dordević BS, et al. Acta Med Jugosl 24:7-19, 1970 (Cro)

### FACTOR V

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. Acta Obstet Gynec Scand 48:371-91, 1969  
Labile factor depression in scorbutic guinea pigs. Garvey MB, et al. Amer J Clin Nutr 22:1423-5, Nov 69  
Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al. Amer J Path 57:127-52, Oct 69  
Selected procoagulants in the guinea pig. Hurt JP, et al. Amer J Physiol 218:832-7, Mar 70  
The effect of plasma substitutes on coagulation. Eichler J, et al. Bibl Haemat 33:452-6, 1969  
Treatment of massive hemorrhage in the dog with fluid gelatin. Habib DV, et al. Bibl Haemat 33:248-53, 1969  
Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al. Biochemistry (Wash) 9:1854-61, 14 Apr 70  
Dissociation and association of the oligomeric forms of factor V. Philip G, et al. Biochemistry (Wash) 9:2212-8, 12 May 70  
Some lipid-protein interactions involved in prothrombin activation. Barton PG, et al. Biochim Biophys Acta 187:319-27, 28 Oct 69  
Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al. J Clin Invest 49:1578-88, Aug 70  
Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al. J Trauma 10:307-21, Apr 70  
Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al. Thromb Diath Haemorrh 22:417-30, 31 Dec 69  
The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D. Thromb Diath Haemorrh 23:206-12, 1970  
Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al. Toxicon 7:181-4, Nov 69  
[Blood coagulation factors in preserved blood and plasma. 2] Vlčková M. Vnitřní Lek 16:73-81, Jan 70 (Cze)  
[Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. C R Acad Sci [D] (Paris) 270:1284-7, 2 Mar 70 (Fre)  
[Blood coagulation factors and articular inflammation] Guérin B, et al. Rev Rhum 37:335-46, Apr 70 (Fre)  
[Hyperfibrinolysis as the cause of so-called



# SUBJECT SECTION

## FACTOR VII

"spontaneous hemorrhages"] Perlick E.  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)

### ANALYSIS

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T.  
Acta Chir Scand 135:653-62, 1969
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.  
Amer J Surg 119:225-32, Mar 70
- Dissociation and association of the oligomeric forms of factor V. Phillip G, et al.  
Biochemistry (Wash) 9:2212-8, 12 May 70
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. Brit J Haemat 18:135-45, Feb 70
- Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al.  
Brit J Haemat 19:33-46, Jul 70
- The assay of human factor VII by means of modified factor VII deficient dog plasma. Garner R, et al.  
Brit J Haemat 18:57-66, Jan 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al.  
Brit J Haemat 18:643-52, Jun 70
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. Brit J Haemat 19:159-78, Aug 70
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al.  
Brit Med J 2:200-3, 25 Apr 70
- The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. Cor Vasa 11:198-206, 1969
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al.  
J Obstet Gynaec Brit Comm 76:799-805, Sep 69
- Polycythemia in cyanotic heart disease--a study of altered coagulation. Komp DM, et al.  
J Pediat 76:231-6, Feb 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al.  
Lab Invest 23:179-83, Aug 70
- Long-term hepatic support by intermittent multi-species liver perfusions. Abouna GM, et al.  
Lancet 2:391-6, 22 Aug 70
- Congenital haemorrhagic condition similar but not identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al.  
Scand J Haemat 7:91-9, 1970
- Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al.  
Science 166:1420-2, 12 Dec 69
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al.  
Thromb Diath Haemorrh 36:Suppl 36:333+, 1969
- Consumption coagulopathy in liver cirrhosis. Hördér MH. Thromb Diath Haemorrh 36:Suppl 36:313-8, 1969
- Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al.  
Thromb Diath Haemorrh 23:569-84, 30 Jun 70
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudiák P, et al.  
Thromb Diath Haemorrh 23:593-600, 30 Jun 70
- Production of the Sanarelli-Shwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F.  
Thromb Diath Haemorrh 36:Suppl 36:63-5, 1969
- [Intravascular coagulation in toxemia and eclampsia] Smorenberg-Schoorl ME, et al.  
Nederl T Verlosk 70:140-54, Apr 70 (Dut)
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)
- [Moschowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. Sem Hop Paris 45:2321-6, 10 Sep 69 (Fre)
- [Consumption coagulopathy] Holzknacht F.  
Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)
- [Moschowitz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechier E, et al.  
Deutsch Med Wschr 94:2328-30 passim, 7 Nov 69 (Ger)
- [Blood coagulation studies during the immunizing phase of leptospirosis with hemorrhagic disease course] Paar D, et al.  
Deutsch Med Wschr 95:954-8, 24 Apr 70 (Ger)
- [Platelet functions following dextran administration]

- Cronberg S.  
Folia Haemat (Leipzig) 92:491-6, 1969 (Ger)
- [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al.  
Klin Wschr 47:391-3, 1 Apr 69 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al.  
Thromb Diath Haemorrh 23:347-59, 1970 (Ger)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M.  
Jap J Clin Path 16:Suppl 16:85-92, 1969 (Jap)
- [Electrophoretic study of blood proteins in patients with sequelae of cerebrovascular disorders] Mizuno S, et al. Nalka 24:575-80, Sep 69 (Jap)
- [Kasabach-Merritt syndrome] Gura C, et al.  
Wlad Lek 23:1145-51, 1 Jul 70 (Pol)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Muslatovich Iu, et al.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)
- [Role of tissue factors in local hemostasis] Skipemrov VP. Probl Gemat 13:27-31, Jun 68 (Rus)
- [The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB.  
Vop Onkol 16:97-9, May 70 (Rus)
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al.  
Nord Med 82:1277-83, 9 Oct 69 (Swe)
- [Prothrombin complex in liver diseases] Radujkov Z, et al. Med Pregl 22:389-93, 1969 (Cro)

### BIOSYNTHESIS

- [Kinetics of chronic consumption coagulopathy] Vinazzer H. Wien Z Inn Med 51:49-58, 1970 (Ger)

### BLOOD

- [Hereditary factor V deficiency (parahemophilia) in a Swiss family] López V, et al.  
Schweiz Med Wschr 99:1354-6, 20 Sep 69 (Ger)

### ISOLATION & PURIFICATION

- Dissociation and association of the oligomeric forms of factor V. Phillip G, et al.  
Biochemistry (Wash) 9:2212-8, 12 May 70

### METABOLISM

- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al.  
Amer J Clin Path 54:239-48, Aug 70
- Enzymology and blood coagulation. Esnouf MP.  
Biochem J 115:1P-2P, Nov 69
- [Acute effects of barbital on the protein and nucleic acid metabolism of rat liver] Kröner H, et al.  
Z Klin Chem 7:8-13, Jan 69 (Ger)
- [Behavior of some factors in the blood-clotting system and blood fibrinolytic activity in women with uterine myoma treated with progestin (Polfa)] Rózewicki S, et al. Przegl Lek 26:564-5, 1970 (Pol)

## FACTOR VII

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC.  
Acta Obstet Gynec Scand 48:371-91, 1969
- The P.P.S.B. fraction. Josso F, et al.  
Bibl Haemat 34:18-22, 1970
- Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al.  
Biochemistry (Wash) 9:1854-61, 14 Apr 70
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70
- The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al. Life Sci 8:925-32, 15 Sep 69
- Konyne. Med Lett Drugs Ther 11:80, 19 Sep 69
- [Blood coagulation factors in preserved blood and plasma. 2] Vlčková M.  
Vnitřní Lek 16:73-81, Jan 70 (Cze)
- [Blood coagulation factors and articular inflammation] Guérin B, et al. Rev Rhum 37:335-46, Apr 70 (Fre)



## FACTOR VII

## SUBJECT SECTION

[Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al. *Acta Chir Acad Sci Hung* 10:359-66, 1969 (Ger)

### ADMINISTRATION & DOSAGE

The preparation and properties of a prothrombin complex (PPSB). Schiff P. *Med J Aust* 2:1001-5, 15 Nov 69

### ANALYSIS

Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ. *Acta Paediatr Scand* 59:551-7, Sep 70

Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al. *Amer J Clin Path* 53:348-54, Mar 70

Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70

The assay of human factor VII by means of modified factor VII deficient dog plasma. Garner R, et al. *Brit J Haemat* 18:57-66, Jan 70

The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. *Cor Vasa* 11:198-206, 1969

Genetic control of the response to coumarin anticoagulants in the rat. Pyörälä K. *Humangenetik* 9:265-7, 1970

Effect of selected antibiotics on prothrombin time of rats and the relationship to coumarin anticoagulants. Polson JB, et al. *Proc Soc Exp Biol Med* 132:963-7, Dec 69

Experience with Owren's thrombotest in control of anticoagulant therapy. Procházka J. *Sborn Ved Prac Lek Fak Karlov Univ* 12:529-36, 1969

Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J. *Scand J Haemat* 6:343-7, 1969

Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al. *Science* 166:1420-2, 12 Dec 69

New families with factor XII deficiency. Egeberg O. *Thromb Diath Haemorrh* 23:441-8, 30 Jun 70

Factor XII defect and hemorrhage. Evidence for a new type of hereditary hemostatic disorder. Egeberg O. *Thromb Diath Haemorrh* 23:432-40, 30 Jun 70

Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al. *Thromb Diath Haemorrh* 23:569-84, 30 Jun 70

Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudlák P, et al. *Thromb Diath Haemorrh* 23:593-600, 30 Jun 70

[2 cases of congenital hypoconvertinemia] Mandelli F, et al. *Nouv Rev Franc Hemat* 9:485-94, Jul-Aug 69 (Fre)

[Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al. *Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)

[Moscovitz's disease: consumption coagulopathy?] Muller JM, et al. *Presse Med* 77:1895-8, 29 Nov 69 (Fre)

[Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)

[Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)

[Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al. *Klin Wschr* 47:391-3, 1 Apr 69 (Ger)

[Drug modification of certain laboratory values in infectious hepatitis of children] Ströder J, et al. *Mtschr Kinderheilk* 117:453-8, Jun 69 (Ger)

[Kasabach-Merritt syndrome] Gura C, et al. *Wlad Lek* 23:1145-51, 1 Jul 70 (Pol)

[The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al. *Probl Endokr (Moskva)* 13:50-3, Mar-Apr 67 (Rus)

[Role of tissue factors in local hemostasis] Skipemrov VP. *Probl Gemat* 13:27-31, Jun 68 (Rus)

[The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB. *Vop Onkol* 16:97-9, May 70 (Rus)

[Prothrombin complex in liver diseases] Radujkov Z, et al. *Med Pregl* 22:389-93, 1969 (Cro)

### BIOSYNTHESIS

Vitamin K dependent formation of factor VII by a cell-free system from rat liver. Babior BM, et al. *Biochemistry (Wash)* 9:2564-9, 23 Jun 70

Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al. *Proc Soc Exp Biol Med* 132:509-13, Nov 69

### ISOLATION & PURIFICATION

The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al. *Biochim Biophys Acta* 200:475-85, 31 Mar 70

[A human plasma fraction (PPSB) enriched with the coagulation factors II, VII, IX and X] Richter K. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)

[Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)

### METABOLISM

A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al. *Amer J Clin Path* 54:239-48, Aug 70

Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)

[Behavior of some factors in the blood-clotting system and blood fibrinolytic activity in women with uterine myoma treated with progestin (Polfa)] Rózewicki S, et al. *Przegl Lek* 26:564-5, 1970 (Pol)

### PHARMACODYNAMICS

The mode of action of vitamin K. Olson RE. *Nutr Rev* 28:171-6, Jul 70 (58 ref.)

[Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al. *Biokhimiia* 34:816-23, Jul-Aug 69 (Rus)

### THERAPEUTIC USE

Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. Van Creveld S, et al. *Vox Sang* 18:441-9, May 70

[Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E. *Folia Haemat (Leipzig)* 93:300-15, 1970 (Ger)

## FACTOR VIII

Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969

"Hemophilia A" presenting unusual vesical bleeding; report of a case. Kawamura J, et al. *Acta Urol Jap* 15:827-46, Dec 69

Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. *Amer J Med* 48:408-11, Mar 70

Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al. *Amer J Path* 57:127-52, Oct 69

Selected procoagulants in the guinea pig. Hurt JP, et al. *Amer J Physiol* 218:832-7, Mar 70

Binding of anilide-type local anesthetics in human plasma. I. Relationships between binding, physicochemical properties, and anesthetic activity. Tucker GT, et al. *Anesthesiology* 33:287-303, Sep 70

Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. *Arch Surg (Chicago)* 101:62-8, Jul 70

The effect of plasma substitutes on coagulation. Eichler J, et al. *Bibl Haemat* 33:452-6, 1969

Purification and clinical evaluation of a factor 8 concentrate. Johnson AJ, et al. *Bibl Haemat* 34:30-9, 1970

Cryoprecipitated factor 8 concentrate. Pool JG. *Bibl Haemat* 34:23-9, 1970

Problems related to anticoagulants in hemophiliacs. Strauss HS. *Bibl Haemat* 34:149-53, 1970

In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. *Bibl Haemat* 34:9-17, 1970

Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al. *Biochemistry (Wash)* 9:1854-61, 14 Apr 70



# SUBJECT SECTION

## FACTOR VIII

- Von Willebrands disease. Distinction from other syndromes associated with a long bleeding time, and from hemophilia. *Calif Med* 111:113-9, Aug 69
- Platelet function: a review. II. Abnormal function. Berger S.
- Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- Immunological studies in haemophilia. Bennett E. *Clin Sci* 38:11P, Feb 70
- Critical review of contemporary cellulartherapy (celltherapy). Jussek EG, et al.
- J Geront* 25:119-25, Apr 70 (65 ref.)
- Post-tonsillectomy haemorrhage in a carrier of haemophilia A. Arruth JA. *J Laryng* 83:1035-7, Oct 69
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al.
- J Trauma* 10:307-21, Apr 70
- Intravascular coagulation in acute hepatic necrosis. Straub PW. *Lancet* 760:1339-40, 20 Jun 70
- Platelet adhesion in bleeder swine measured by glass bead column. Cooper RG, et al.
- Texas Rep Biol Med* 27:955-61, Winter 69
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al.
- Thromb Diath Haemorrh* 22:316-25, 15 Nov 69
- Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al.
- Toxicon* 7:181-4, Nov 69
- [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. *Vnitřní Lek* 16:61-8, Jan 70 (79 ref.) (Cze)
- [Blood coagulation factors in preserved blood and plasma. 2] Vičková M.
- Vnitřní Lek* 16:73-81, Jan 70 (Cze)
- [Blood and fractionation of blood] Soeterboek AM. *Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)
- [Operative surgery in patients with hemophilia] Fock G, et al. *Duodecim* 85:890-3, 1969 (Fin)
- [Blood coagulation factors and articular inflammation] Guérin B, et al. *Rev Rhum* 37:335-46, Apr 70 (Fre)
- [Current management in major surgical interventions in patients with hemophilia A] Wedell J, et al. *Deutsch Med Wschr* 94:2539-44, 5 Dec 69 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E.
- Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [The current status of knowledge of the constitutional hemorrhagic syndrome caused by deficiency of the fibrin stabilizing factor] Ottaviani P, et al.
- Minerva Med* 60:4964-7, 8 Dec 69 (Ita)
- [Treatment of fractures in patients with hemophilia] Smilowicz M. *Wiad Lek* 23:565-9, 1 Apr 70 (8 ref.) (Pol)
- [Current status and perspectives of the production of effective antihemophilic preparations in Czechoslovakia] Hrubisko M.
- Vnitřní Lek* 16:47-9, Jan 70 (Slo)
- ### ADMINISTRATION & DOSAGE
- Stapedectomy in a patient with von Willebrand's disease. Toremain NG, et al. *Ann Otol* 79:331-7, Apr 70
- Continuous intravenous infusion of factor VIII in classic haemophilia. McMillan CW, et al.
- Brit J Haemat* 18:659-67, Jun 70
- Serum hepatitis in a haemophilic. Fitzpatrick J, et al.
- Brit Med J* 4:299, 1 Nov 69
- Therapy for AHF and PTC hemophilia. II. Seeler RA. *Illinois Med J* 137:598-602 passim, Jun 70
- The changing prognosis in hemophilic arthropathy. Rothermel JE, et al. *Southern Med J* 62:1340-2, Nov 69
- [Gastrectomy in severe hemophilia A during substitution with porcine AHG (antihemophilic globulin)] Köstering H, et al.
- Chirurg* 41:266-70, Jun 70 (Ger)
- [Treatment of hemophilia] Straub PW.
- Deutsch Med Wschr* 94:1885-7, 12 Sep 69 (Ger)
- [The dosage of antihemophilic globulin, or antihemophilic plasma as well as Cohn's fraction I in factor VIII deficiency] Hrubisková K.
- Folia Haemat (Leipzig)* 93:363-8, 1970 (Ger)
- [Occurrence of serum hepatitis following the administration of Cohn's fraction I or fibrinogen and antihemophilic globulin (AHG) respectively] Fábryová L, et al. *Vnitřní Lek* 16:123-6, Feb 70 (Slo)
- ### ADVERSE EFFECTS
- Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. *Blood* 35:189-94, Feb 70
- Serum hepatitis in a haemophilic. Fitzpatrick J, et al.
- Brit Med J* 4:299, 1 Nov 69
- Hemolytic anemia due to anti-A in concentrated antihemophilic factor preparations. Rosati LA, et al.
- Transfusion* 10:139-41, May-Jun 70
- Severe reactions after cryoprecipitated human factor VIII. Ahrons S, et al. *Vox Sang* 18:182-4, Feb 70
- ### ANALYSIS
- Experience with Bergna's assay of factor VIII activity. Velkova-Simova N, et al.
- Acta Med Jugosl* 22:68-76, 1968
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.
- Amer J Surg* 119:225-32, Mar 70
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.
- Ann Surg* 172:98-108, Jul 70
- Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Fuller AM, et al.
- Arch Otolaryng (Chicago)* 91:296-8, Mar 70
- Transfusion in hemophilia. Creveld S van.
- Bibl Haemat* 34:1-8, 1970
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. *Bibl Haemat* 34:9-17, 1970
- Immunologic studies of antihemophilic factor (AHF, factor VIII) II. Properties of cross-reacting material. Hoyer LW, et al. *Blood* 35:809-20, Jun 70
- Anaesthetic management of haemothorax and haemoptysis due to von Willebrand's disease. A case report. Bowes JB. *Brit J Anaesth* 41:894-7, Oct 69
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. *Brit J Haemat* 18:135-45, Feb 70
- Adrenergic mechanisms in the systemic plasminogen active response to adrenaline in man. Cash JD, et al.
- Brit J Haemat* 18:487-94, Apr 70
- Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al.
- Brit J Haemat* 19:33-46, Jul 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al.
- Brit J Haemat* 18:643-52, Jun 70
- Lyophilized plasma as an assay standard for factor VIII: calibration and control with fresh plasma samples. Hillis M, et al. *Brit J Haemat* 18:617-24, Jun 70
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. *Brit J Haemat* 19:159-78, Aug 70
- Studies on the haemostatic mechanism following exercise. Prentice CR, et al.
- Brit J Haemat* 17:611, Dec 69
- Coagulation factor IX in normal and haemophilia B plasma. Somer JB, et al.
- Brit J Haemat* 18:147-59, Feb 70
- Molecular forms of antihemophilic globulin in plasma, cryoprecipitate and after thrombin activation. Weiss HJ, et al. *Brit J Haemat* 18:89-100, Jan 70
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al.
- Brit Med J* 2:200-3, 25 Apr 70
- Platelet adhesiveness, plasma fibrinogen and factor 8 levels in diabetes mellitus. Mayne EE, et al.
- Diabetologia* 6:436-40, Aug 70
- Von Willebrand factor and platelet adhesiveness. Meyer D, et al. *J Clin Path* 23:228-31, Apr 70
- Effects of the spleen on canine factor VIII levels. McKee PA, et al. *J Lab Clin Med* 75:391-402, Mar 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al.
- J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- Polycythemia in cyanotic heart disease—a study of altered coagulation. Komp DM, et al.
- J Pediatr* 76:231-6, Feb 70
- Open-heart surgery in a patient with von Willebrand's disease. Komp DM, et al.
- J Thorac Cardiovasc Surg* 59:225-30, Feb 70
- Antihemophilic factor 8 in hemophilia. Use of concentrates to permit major surgery. Mazza JJ, et al.
- JAMA* 211:1818-23, 16 Mar 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al.
- Lab Invest* 23:179-83, Aug 70
- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. *Mayo Clin Proc* 44:784-92, Nov 69
- Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.
- New Eng J Med* 281:1039-42, 6 Nov 69



- Acquired inhibitors to factor IX. Roberts HR.  
New Eng J Med 283:543-4, 3 Sep 70
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
Obstet Gynec 35:69-74, Jan 70
- Von Willebrand's disease in the Bantu. Gomperts E, et al.  
S Afr Med J 43:1107-9, 6 Sep 69
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J.  
Scand J Haemat 6:343-7, 1969
- Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al.  
Science 166:1420-2, 12 Dec 69
- Production of antihemophilic factor by the perfused spleen. Kelly GL, et al. Surg Forum 20:82-4, 1969
- Synthesis of antihemophilic globulin by the isolated perfused spleen. Kelly G, et al.  
Surg Gynec Obstet 131:473-85, Sep 70
- Factor 8 in fresh frozen plasma. Selection of units of plasma with high activity in the hospital blood bank. Hynes HE.  
Techn Bull Regist Med Techn 39:228-30, Oct 69
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al.  
Thromb Diath Haemorrh 36:Suppl 36:333+, 1969
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al.  
Thromb Diath Haemorrh 36:Suppl 36:171-6, 1969
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al.  
Thromb Diath Haemorrh 36:Suppl 36:233-8, 1969
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
Thromb Diath Haemorrh 23:206-12, 1970
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudlák P, et al.  
Thromb Diath Haemorrh 23:593-600, 30 Jun 70
- [Influence of citrate-phosphate-glucose solutions on the stability of antihemophilic globulin (AHG) in the blood and on the preparation of frozen AHG precipitates] Vlčková M, et al. (Cze)  
Vnitřní Lek 16:733-8, Aug 70
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al.  
Anesth Analg (Paris) 26:609-18, Jul-Aug 69 (Fre)
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al. (Fre)  
Rev Franc Transfus 12:439-50, Dec 69
- [Consumption coagulopathy] Holzknecht F.  
Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)
- [Standardization of the thromboplastin generation test for the determination of antihemophilic globulin A (VIII) and B (IX)] Bergmann A.  
Folia Haemat (Leipzig) 93:376-80, 1970 (Ger)
- [Platelet functions following dextran administration] Cronberg S.  
Folia Haemat (Leipzig) 92:491-6, 1969 (Ger)
- [Experiences in the preparation and analytical control of Cohn's plasma fraction I] Hofmann F, et al.  
Folia Haemat (Leipzig) 93:316-9, 1970 (Ger)
- [In-vivo control of blood coagulation fractions] Richter K, et al. Folia Haemat (Leipzig) 93:344-8, 1970 (Ger)
- [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al. (Ger)  
Klin Wschr 47:391-3, 1 Apr 69
- [Quantitative study of factor VIII in blood donors] Gibelli A, et al. Minerva Med 60:4931-8, 8 Dec 69 (Ita)
- [Case report of hemophilia A diagnosed in the neonatal stage] Ikari H.  
Acta Paediat Jap 74:423-8, 1 Apr 70 (Jap)
- [Kasabach-Merritt syndrome] Gura C, et al.  
Wiad Lek 23:1145-51, 1 Jul 70 (Pol)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al. (Rus)  
Kardiologia 9:106-10, Aug 69
- [The blood coagulation system and cortisol metabolism in Itsenko-Cushing disease] Vaslukova EA, et al. (Rus)  
Ter Arkh 41:85-8, Jul 69
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al. (Swe)  
Nord Med 82:1277-83, 9 Oct 69
- [Increased AHG levels after injection of adrenaline] Ulutin ON, et al. (Tur)  
Turk Tip Cem Mec 35:674-8, 1969

## ANTAGONISTS &amp; INHIBITORS

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)
- Inhibitors in haemophilia. Biggs R.  
Bibl Haemat 34:125-34, 1970
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- Problems related to anticoagulants in hemophiliacs. Strauss HS. Bibl Haemat 34:149-53, 1970
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. Bibl Haemat 34:9-17, 1970
- A macroglobulin with inhibitory activity against coagulation factor VIII. Castaldi PA, et al.  
Blood 35:370-6, Mar 70
- Circulating anticoagulant to factor 8 associated with rheumatoid arthritis. Mason BJ.  
Brit Med J 4:726-7, 20 Dec 69
- Acquired coagulation-factor deficiencies. Hocking DR.  
Med J Aust 1:657-9, 28 Mar 70
- Bleeding time after aspirin in intrinsic clotting disorders. Procházka J.  
New Eng J Med 282:753, 26 Mar 70
- A simple procedure for accurate quantitation of factor VIII inhibitors. Tse D, et al.  
Thromb Diath Haemorrh 23:19-25, 28 Feb 70
- Acquired hemophilia. Shulman NR, et al.  
Trans Ass Amer Physicians 82:388-97, 1969
- [Antibodies against the antihemophilic globulin (coagulation factor VIII)] Hule V. (Cze)  
Vnitřní Lek 16:50-2, Jan 70
- [The role of the weak factor VIII inhibitors] Mayer G, et al. Acta Haemat (Basel) 42:27-41, 1969 (Fre)
- [The weak inhibitors of factor VIII in patients with hemophilia A] Mayer G, et al. (Fre)  
Blut 19:517-28, 1969
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al. (Fre)  
Rev Franc Transfus 12:439-50, Dec 69
- [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al. Prensa Med Argent 57:21-9, 6 Mar 70 (Spa)

## BIOSYNTHESIS

- Experimental transplantation of the spleen for classical hemophilia A. Rationales and long-term results. Norman JC, et al. Bibl Haemat 34:187-99, 1970
- Plasma activity of antihemophilic globulin (AHG) and other coagulation factors in Swiss type of agammaglobulinemia. Maurer HM, et al.  
Blood 34:701-5, Nov 69
- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. Mayo Clin Proc 44:784-92, Nov 69
- Splenic transplant for hemophilia. Hampton JW, et al.  
New Eng J Med 283:48, 2 Jul 70
- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al.  
Proc Soc Exp Biol Med 132:509-13, Nov 69
- Production of antihemophilic factor by the perfused spleen. Kelly GL, et al. Surg Forum 20:82-4, 1969
- Synthesis of antihemophilic globulin by the isolated perfused spleen. Kelly G, et al.  
Surg Gynec Obstet 131:473-85, Sep 70
- Production site of bleeding factor. (Acquired morbus von Willebrand). Velkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970
- [Etiology of hemophilia. New aspects of factor VIII deficiency] Marcsek M, et al.  
Munchen Med Wschr 112:1377-80, 24 Jul 70 (Ger)
- [Pathogenesis and treatment of Willebrand's disease] Meili EO, et al.  
Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. Wien Z Inn Med 51:49-58, 1970 (Ger)

## BLOOD

- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al.  
Brit Med J 1:564-7, 6 Jun 70
- Haemostasis and the uterus. Brit Med J 1:553-4, 6 Jun 70

## DIAGNOSTIC USE

- Von Willebrand's disease. Aggeler PM.  
Calif Med 111:143-5, Aug 69



# SUBJECT SECTION

## FACTOR VIII

### ISOLATION & PURIFICATION

- Purification and clinical evaluation of a factor 8 concentrate. Johnson AJ, et al.  
Bibl Haemat 34:30-9, 1970
- Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al.  
Bibl Haemat 34:111-24, 1970
- Cryoprecipitated factor 8 concentrate. Pool JG.  
Bibl Haemat 34:23-9, 1970
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- Citrate stabilization of chromatographically purified factor 8. Hynes HE, et al. Blood 34:601-9, Nov 69
- Progress in blood transfusion and immuno-haematology. Zoutendyk A.  
Proc Mine Med Officers Ass 48:1-4, May-Jul 69
- Purification of the antihemophilic factor by gel filtration on agarose. Paulsen MM, et al.  
Thromb Diath Haemorrh 22:577-83, 31 Dec 69
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)
- [Experiences in the preparation and analytical control of Cohn's plasma fraction I] Hofmann F, et al.  
Folia Haemat (Leipzig) 93:316-9, 1970 (Ger)
- [Further experimental studies on preparations following a modified method of factor VIII (AHG) isolation by freeze precipitation. II] Wegner H, et al.  
Folia Haemat (Leipzig) 93:320-6, 1970 (Ger)

### METABOLISM

- Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al.  
Bibl Haemat 34:111-24, 1970
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. Bibl Haemat 34:9-17, 1970
- A macroglobulin with inhibitory activity against coagulation factor VIII. Castaldi PA, et al.  
Blood 35:370-6, Mar 70
- Effects of the spleen on canine factor VIII levels. McKee PA, et al. J Lab Clin Med 75:391-402, Mar 70
- Slow activation of factor VIII by thrombin and other enzymes at low temperature. Ozge-Anwar AH.  
Scand J Haemat 7:5-9, 1970
- Enzyme replacement in Fabry's disease, an inborn error of metabolism. Mapes CA, et al.  
Science 169:987-9, 4 Sep 70
- The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bafkowskl E, et al.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69
- Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD.  
Thromb Diath Haemorrh 23:12-8, 28 Feb 70
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. Thromb Diath Haemorrh 36:Suppl 36:239+, 1969

### PHARMACODYNAMICS

- Acquired hemophilia. Shulman NR, et al.  
Trans Ass Amer Physicians 82:388-97, 1969
- The stimulation of immune antibodies anti-A and anti-B in patients after treatment with cryoprecipitate and factor IX concentrate (P.P.S.B. according to Soulier). McShine RL, et al. Vox Sang 18:435-40, May 70
- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al.  
Rev Franc Etud Clin Biol 14:1028-31, Dec 69 (Fre)
- [Thrombelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protamin sulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al.  
Agressologie 10:65-71, Jan-Feb 69 (Ger)

### PHYSIOLOGY

- [Treatment of hemophilia] Straub PW.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)

### THERAPEUTIC USE

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)
- Orthopaedic surgery in bleeders. Ahlberg A.  
Bibl Haemat 34:170-6, 1970
- Prophylaxis in hemophilia. Britten AF.  
Bibl Haemat 34:104-10, 1970
- The management of acute haemarthroses and muscle haemorrhages. Dormandy KM, et al.  
Bibl Haemat 34:164-9, 1970
- Steroids and hemophilia. Gourdeau R, et al.  
Bibl Haemat 34:65-8, 1970
- Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE.  
Bibl Haemat 34:97-103, 1970
- Purification and clinical evaluation of a factor 8 concentrate. Johnson AJ, et al.  
Bibl Haemat 34:30-9, 1970
- Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al.  
Bibl Haemat 34:111-24, 1970
- Cryoprecipitated factor 8 concentrate. Pool JG.  
Bibl Haemat 34:23-9, 1970
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- Problems related to anticoagulants in hemophiliacs. Strauss HS. Bibl Haemat 34:149-53, 1970
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. Bibl Haemat 34:9-17, 1970
- Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. Blood 35:189-94, Feb 70
- Continuous intravenous infusion of factor VIII in classic haemophilia. McMillan CW, et al.  
Brit J Haemat 18:659-67, Jun 70
- Therapy for AHF and PTC hemophilia. I. Seeler RA.  
Illinois Med J 137:518-21, May 70
- Open-heart surgery in a patient with von Willebrand's disease. Komp DM, et al.  
J Thorac Cardiovasc Surg 59:225-30, Feb 70
- Hemophilia (Factor VIII deficiency) hematuria and urological intervention. Albert DJ, et al.  
J Urol 103:421-4, Apr 70
- Antihemophilic factor 8 in hemophilia. Use of concentrates to permit major surgery. Mazza JJ, et al.  
JAMA 211:1818-23, 16 Mar 70
- Hemophilia prophylaxis. JAMA 212:2256-7, 29 Jun 70
- Management of haemophilic haemarthrosis. Lancet 1:1376-7, 27 Jun 70
- Hemofil and other factor VIII concentrates. Med Lett Drugs Ther 11:96, 14 Nov 69
- Double-blind studies on the use of steroids in the treatment of acute hemarthrosis in patients with hemophilia. Kisker CT, et al.  
New Eng J Med 282:639-42, 19 Mar 70
- Hemophilia A. Lyons BM, et al.  
Oral Surg 28:641-5, Nov 69
- The management of haemophilia. Rizza CR.  
Practitioner 204:763-72, Jun 70
- Haemophilia. Biggs R.  
Proc Roy Soc Med 62:913-4, Sep 69
- Successful surgical removal of chromophobic adenoma of the hypophysis a haemophilic A. Petr R, et al.  
Sborn Ved Prac Lek Fak Karlov Univ 12:7-16, 1969
- A simple procedure for accurate quantitation of factor VIII inhibitors. Tse D, et al.  
Thromb Diath Haemorrh 23:19-25, 28 Feb 70
- Production site of bleeding factor. (Acquired morbus von Willebrand). Veltkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970
- Acquired hemophilia. Shulman NR, et al.  
Trans Ass Amer Physicians 82:388-97, 1969
- Cryoprecipitates in treatment of congenital fibrinogen deficiency. Case report. Hattersley PG, et al.  
Transfusion 9:261-4, Sep-Oct 69
- [Experience from the Hemophilia Clinic. 3. Intramuscular hemorrhages in hemophilia] Creveid S van, et al.  
Nederl T Geneesk 114:719-22, 25 Apr 70 (Dut)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Surgery in the hemophilic] Sultan Y.  
Bibl Haemat 34:182-6, 1970 (Fre)
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)
- [The cryoprecipitate, plasmatic fraction rich in antihemophilic globulin (factor VIII). Its use in the



- treatment of hemophilia] Otto-Servais M, et al. *Rev Med Liege* 24:401-7, 15 May 69 (Fre)
- [Gastrectomy in severe hemophilia A during substitution with porcine AHG (antihemophilic globulin)] Köstering H, et al. *Chirurg* 41:266-70, Jun 70 (Ger)
- [Experiences in the use of Cohn's fraction I] Beeser H, et al. *Folia Haemat (Leipzig)* 93:349-56, 1970 (Ger)
- [Long-term treatment of hemophilia A with plasma fractions] Mey U, et al. *Folia Haemat (Leipzig)* 93:357-62, 1970 (Ger)
- [Specific hemotherapy] Stich W. *Internist (Berlin)* 10:52-8, Feb 69 (69 ref.) (Ger)
- [Tonsillectomy in hemophilia A] Gerhards U, et al. *Z Laryng Rhinol Otol* 49:31-5, Jan 70 (Ger)
- [Hemophilia therapy with plasma fractions. Milan, April 23, 1968] *Policlinico [Prat]* 75:1017-9, 29 Jul 68 (Ita)
- [Surgical removal of myeloplaxoma in a hemophiliac] Gagliani N, et al. *Rass Trim Odont* 50:293-8, Oct-Dec 69 (Ita)
- [Effect of anti-hemophilic globulin in surgery of a hemophilia A patient] Takahashi M, et al. *Shujutsu* 23:1040-3, Aug 69 (Jap)
- [Treatment of hemophilia] Stavem P, et al. *T Norsk Laegeforen* 90:1413-8, 1 Jul 70 (Nor)
- [A case of urinary tract hemorrhage in a child with hemophilia A treated with cryoprecipitate AHG] Foltyn H, et al. *Pediat Pol* 44:1155-7, Sep 69 (Pol)
- [A rational substitution therapy of hemorrhage in hemophilia] Malaska Z, et al. *Vnitri Lek* 16:34-40, Jan 70 (Slo)

## FACTOR IX

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Selected procoagulants in the guinea pig. Hurt JP, et al. *Amer J Physiol* 218:832-7, Mar 70
- The effect of plasma substitutes on coagulation. Eichler J, et al. *Bibl Haemat* 33:452-6, 1969
- Problems related to anticoagulants in hemophiliacs. Strauss HS. *Bibl Haemat* 34:149-53, 1970
- Christmas factor concentrates. The clinical use of several preparations. Tullis JL, et al. *Bibl Haemat* 34:40-51, 1970
- Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al. *Biochemistry (Wash)* 9:1854-61, 14 Apr 70
- Therapy for AHF and PTC hemophilia. I. Seeler RA. *Illinois Med J* 137:518-21, May 70
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al. *J Pediat* 76:549-54, Apr 70
- Konyne. *Med Lett Drugs Ther* 11:80, 19 Sep 69
- The genetic heterogeneity of hemophilia B. Brown PE, et al. *New Eng J Med* 283:61-4, 9 Jul 70
- Acquired inhibitors to factor IX. King RA. *New Eng J Med* 283:543, 3 Sep 70
- Acquired inhibitors to factor IX. Roberts HR. *New Eng J Med* 283:543-4, 3 Sep 70
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al. *Thromb Diath Haemorrh* 22:417-30, 31 Dec 69
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D. *Thromb Diath Haemorrh* 23:206-12, 1970
- [Spontaneous hemothorax revealing a case of B hemophilia] Turlaf J, et al. *Poumon Coeur* 26:253-60, 1970 (Fre)
- [Blood coagulation factors and articular inflammation] Guérin B, et al. *Rev Rhum* 37:335-46, Apr 70 (Fre)
- [Coagulating function of the desialic prothrombin] Jacob H. *Postepy Hig Med Dosw* 24:565-608, 1970 (Pol)
- [Treatment of fractures in patients with hemophilia] Smilowicz M. *Wiad Lek* 23:565-9, 1 Apr 70 (8 ref.) (Pol)

## ADMINISTRATION & DOSAGE

- Therapy for AHF and PTC hemophilia. II. Seeler RA. *Illinois Med J* 137:598-602 passim, Jun 70
- The preparation and properties of a prothrombin complex (PPSB). Schiff P. *Med J Aust* 2:1001-5, 15 Nov 69
- [Treatment of hemophilia] Straub PW. *Deutsch Med Wschr* 94:1885-7, 12 Sep 69 (Ger)

## ANALYSIS

- Variant of factor IX deficiency in female with 45, X Turner's syndrome. Bithell TC, et al. *Blood* 36:169-79, Aug 70
- Coagulation factor IX in normal and haemophilia B plasma. Somer JB, et al. *Brit J Haemat* 18:147-59, Feb 70
- Plasma factor IX levels in patients given hexoestrol or stilboestrol to suppress lactation. Hakim CA, et al. *Brit Med J* 4:82-4, 11 Oct 69
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al. *J Amer Med Wom Ass* 51:1423-7, Oct 69
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al. *J Bone Joint Surg [Amer]* 51:1423-7, Oct 69
- Long-term hepatic support by intermittent multi-species liver perfusions. Abouma GM, et al. *Lancet* 2:391-6, 22 Aug 70
- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. *Mayo Clin Proc* 44:784-92, Nov 69
- Acquired inhibitors to factor IX. King RA. *New Eng J Med* 283:543, 3 Sep 70
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al. *Obstet Gynec* 35:69-74, Jan 70
- Another genetic variant of haemophilia B: haemophilia B Leyden. Veltkamp JJ, et al. *Scand J Haemat* 7:82-90, 1970
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- [Moschcowitz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al. *Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)
- [Standardization of the thromboplastin generation test for the determination of antihemophilic globulin A (VIII) and B (IX)] Bergmann A. *Folia Haemat (Leipzig)* 93:376-80, 1970 (Ger)
- [In-vivo control of blood coagulation fractions] Richter K, et al. *Folia Haemat (Leipzig)* 93:344-8, 1970 (Ger)
- [Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al. *Jap J Clin Path* 16:Suppl 16:75-84, 1969 (Jap)
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al. *Nord Med* 82:1277-83, 9 Oct 69 (Swe)

## ANTAGONISTS & INHIBITORS

- Acquired coagulation-factor deficiencies. Hocking DR. *Med J Aust* 1:657-9, 28 Mar 70

## BIOSYNTHESIS

- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al. *Proc Soc Exp Biol Med* 132:509-13, Nov 69

## ISOLATION & PURIFICATION

- The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al. *Biochim Biophys Acta* 200:475-85, 31 Mar 70
- Coagulation factor IX in normal and haemophilia B plasma. Somer JB, et al. *Brit J Haemat* 18:147-59, Feb 70
- [A human plasma fraction (PPSB) enriched with the coagulation factors II, VII, IX and X] Richter K. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)
- [Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)

## METABOLISM

- Warfarin therapy. I. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)

## PHARMACODYNAMICS

- The stimulation of immune antibodies anti-A and anti-B in patients after treatment with cryoprecipitate and factor IX concentrate (P.P.S.B. according to Soulier). McShine RL, et al. *Vox Sang* 18:435-40, May 70



# SUBJECT SECTION

## FACTOR X

- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al.  
*Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)  
 [Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al.  
*Biokhimiia* 34:816-23, Jul-Aug 69 (Rus)

### PHYSIOLOGY

- [Treatment of hemophilia] Straub PW.  
*Deutsch Med Wschr* 94:1885-7, 12 Sep 69 (Ger)

### THERAPEUTIC USE

- Christmas factor concentrates. The clinical use of several preparations. Tullis JL, et al.  
*Bibl Haemat* 34:40-51, 1970  
 Multiple extractions in hemophilia B--use of a PTC (factor IX) concentrate: report of case. Kline SN, et al.  
*J Oral Surg* 28:292-4, Apr 70  
 Hemophilia prophylaxis. *JAMA* 212:2256-7, 29 Jun 70  
 Hemophilia. Biggs R.  
*Proc Roy Soc Med* 62:913-4, Sep 69  
 Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. Van Crevelde S, et al.  
*Vox Sang* 18:441-9, May 70  
 [Experience from the Hemophilia Clinic. 3. Intramuscular hemorrhages in hemophilia] Crevelde S van, et al.  
*Nederl T Geneesk* 114:719-22, 25 Apr 70 (Dut)  
 [Treatment of hemophilia] Stavem P, et al.  
*T Norsk Lageforen* 90:1413-8, 1 Jul 70 (Nor)

### URINE

- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.  
*Ann Intern Med* 73:373-8, Sep 70

## FACTOR X

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC.  
*Acta Obstet Gynec Scand* 48:371-91, 1969  
 The P.P.S.B. fraction. Jossio F, et al.  
*Bibl Haemat* 34:18-22, 1970  
 Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al.  
*Biochemistry (Wash)* 9:1854-61, 14 Apr 70  
 Some lipid-protein interactions involved in prothrombin activation. Barton PG, et al.  
*Biochim Biophys Acta* 187:319-27, 28 Oct 69  
 The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al.  
*Biochim Biophys Acta* 200:475-85, 31 Mar 70  
 A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al.  
*Brit J Haemat* 19:179-92, Aug 70  
 Prothrombin in factor X deficiency. Malhotra OP, et al.  
*J Lab Clin Med* 75:120-7, Jan 70  
 Reactions of activated factor X-phosphatide mixtures in vitro and in vivo. Barton PG, et al.  
*J Lipid Res* 11:87-95, Mar 70  
 Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
*J Pediatr* 76:549-54, Apr 70  
 Abnormal forms of factor X. Denson KW.  
*Lancet* 2:1256, 6 Dec 69  
 Abnormal forms of Factor X. Hardisty RM.  
*Lancet* 1:41, 3 Jan 70  
 Konyne. *Med Lett Drugs Ther* 11:80, 19 Sep 69  
 Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.  
*Thromb Diath Haemorrh* 22:417-30, 31 Dec 69  
 The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
*Thromb Diath Haemorrh* 23:206-12, 1970  
 Separation of the coagulant components of Bothrops jararaca venom. Denson KW, et al.  
*Toxicon* 8:15-9, May 70  
 [Blood coagulation factors in preserved blood and plasma. 2] Vlčková M.  
*Vnitřní Lek* 16:73-81, Jan 70 (Cze)

- [Effects of the *Vipera aspis* poison on the plasma factors of hemostasis] Boffa MC, et al.  
*C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)  
 [Blood coagulation factors and articular inflammation] Guérin B, et al.  
*Rev Rhum* 37:335-46, Apr 70 (Fre)  
 [The behavior of blood coagulation factor X (Steuart-Prower) from plasma and serum in gel filtration on sephadex G 200] Rasche H, et al.  
*Thromb Diath Haemorrh* 23:405-11, 1970 (Ger)  
 [A new congenital hemorrhagic coagulation disorder probably due to the presence of an abnormal factor X. Preliminary study] Girolami A, et al.  
*Minerva Med* 60:4939-49, 8 Dec 69 (Ita)  
 [Coagulating function of the desialic prothrombin] Jacob H. *Postepy Hig Med Dosw* 24:565-608, 1970 (Pol)

### ADMINISTRATION & DOSAGE

- The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
*Med J Aust* 2:1001-5, 15 Nov 69

### ANALYSIS

- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.  
*Amer J Clin Path* 53:348-54, Mar 70  
 Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.  
*Amer J Surg* 119:225-32, Mar 70  
 Defibrination in normal and abnormal parturition. Kleiner GJ, et al.  
*Brit J Haemat* 19:159-78, Aug 70  
 The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP.  
*Cor Vasa* 11:198-206, 1969  
 Congenital hypoprothrombinemia. A case report. Girolami A, et al.  
*Haemat Lat* 12:77-89, Jan-Mar 69  
 The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al.  
*Life Sci* 8:925-32, 15 Sep 69  
 Acquired factor X deficiency in a Negro boy. Bayer WL, et al.  
*Pediatrics* 44:1007-9, Dec 69  
 Experience with Owren's thrombostest in control of anticoagulant therapy. Procházka J.  
*Shorn Ved Prac Lek Fak Karlov Univ* 12:529-36, 1969  
 Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J.  
*Scand J Haemat* 6:343-7, 1969  
 Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al.  
*Science* 166:1420-2, 12 Dec 69  
 Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al.  
*Thromb Diath Haemorrh* 23:569-84, 30 Jun 70  
 [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
*Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)  
 [Moschcowitz's disease: consumption coagulopathy?] Muller JM, et al.  
*Presse Med* 77:1895-8, 29 Nov 69 (Fre)  
 [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al.  
*Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)  
 [Avitaminosis K in the newborn infant] Vergoz D, et al.  
*Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)  
 [Moschcowitz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al.  
*Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)  
 [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al.  
*Klin Wschr* 47:391-3, 1 Apr 69 (Ger)  
 [The behavior of blood coagulation factor X (Steuart-Prower) from plasma and serum in gel filtration on sephadex G 200] Rasche H, et al.  
*Thromb Diath Haemorrh* 23:405-11, 1970 (Ger)  
 [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M.  
*Jap J Clin Path* 16:Suppl 16:85-92, 1969 (Jap)  
 [Blood clotting in an infant with factor X deficiency] Kotschy M, et al.  
*Pol Tyg Lek* 25:895-6, 15 Jun 70 (Pol)  
 [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al.  
*Nord Med* 82:1277-83, 9 Oct 69 (Swe)  
 [Prothrombin complex in liver diseases] Radujkov Z, et al.  
*Med Pregl* 22:389-93, 1969 (Cro)



## FACTOR X

## SUBJECT SECTION

### ANTAGONISTS & INHIBITORS

- The effects of Na<sup>+</sup> and K<sup>+</sup> on the citrate activation of prothrombin and on the esterase activities of thrombokinas. Roberts PS.  
*Biochim Biophys Acta* 201:340-9, 24 Feb 70  
 Heparin-accelerated inhibition of activated factor X by its natural plasma inhibitor. Yin ET, et al.  
*Biochim Biophys Acta* 201:387-90, 24 Feb 70  
 Coagulation inhibitor elicited by thrombin. Marciniak E. *Science* 170:452-3, 23 Oct 70

### BIOSYNTHESIS

- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al.  
*Proc Soc Exp Biol Med* 132:509-13, Nov 69

### ISOLATION & PURIFICATION

- [A human plasma fraction (PPSB) enriched with the coagulation factors II, VII, IX and X] Richter K. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)  
 [Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)

### METABOLISM

- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HL, et al.  
*Amer J Clin Path* 54:239-48, Aug 70  
 Enzymology and blood coagulation. Esnouf MP.  
*Biochem J* 115:1P-2P, Nov 69  
 Warfarin therapy. 1. Deykin D.  
*New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)  
 [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al.  
*Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)

### PHARMACODYNAMICS

- Reactions of activated factor X-phosphatide mixtures in vitro and in vivo. Barton PG, et al.  
*J Lipid Res* 11:87-95, Mar 70

### PHYSIOLOGY

- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al.  
*Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)

### THERAPEUTIC USE

- Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. Van Creveld S, et al. *Vox Sang* 18:441-9, May 70

## FACTOR XI

- The P.P.S.B. fraction. Josso F, et al.  
*Bibl Haemat* 34:18-22, 1970  
 Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
*Obstet Gynec* 35:69-74, Jan 70  
 The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
*Thromb Diath Haemorrh* 23:206-12, 1970  
 [Blood coagulation factors and articular inflammation] Guérin B, et al. *Rev Rhum* 37:335-46, Apr 70 (Fre)  
 [Coagulating function of the desialic prothrombin] Jacob H. *Postepy Hig Med Dosw* 24:565-608, 1970 (Pol)

### ADMINISTRATION & DOSAGE

- Excision of a pseudocyst of the hand in a hemophilic (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.  
*J Amer Med Wom Ass* 51:1423-7, Oct 69  
 Excision of a pseudocyst of the hand in a hemophilic (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.  
*J Bone Joint Surg [Amer]* 51:1423-7, Oct 69

### ANALYSIS

- The relation of 'Fletcher Factor' to factors XI and XII. Hathaway WE, et al. *Brit J Haemat* 18:161-9, Feb 70  
 Studies on protein fractions isolated from human

- plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. *Brit J Haemat* 18:29-44, Jan 70  
 Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
*Obstet Gynec* 35:69-74, Jan 70  
 [Examination of the plasma clotting activities--determination of contact factors XII, XI] Murakami M, et al.  
*Jap J Clin Path* 16:Suppl 16:66-74, 1969 (Jap)  
 [Kasabach-Merritt syndrome] Gura C, et al.  
*Wlad Lek* 23:1145-51, 1 Jul 70 (Pol)  
 [A method of studying the contact phase of blood coagulation] Zubairov DM, et al.  
*Lab Delo* 8:471-3, 1969 (Rus)

## FACTOR XII

- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. *Amer J Med* 48:408-11, Mar 70  
 Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al.  
*Amer J Path* 57:127-52, Oct 69  
 Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. *Haemat Lat* 12:143-54, Apr-Jun 69  
 Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al.  
*J Clin Invest* 48:1786-801, Oct 69  
 The role of chemical mediators in the inflammatory response induced by foreign bodies: comparison with the schistosoma egg granuloma. Kellermeyer RW, et al. *J Exp Med* 131:21-39, 1 Jan 70  
 Platelet adhesiveness in Hageman trait. Walsh PN. *Lancet* 2:575, 12 Sep 70  
 Carrageenan and delayed hypersensitivity. II. Activation of Hageman factor by carrageenan and its possible significance. Schwartz HJ, et al.  
*Proc Soc Exp Biol Med* 132:1021-4, Dec 69  
 Activation of Hageman factor by alpha-adrenergic stimulation. McKay DG, et al.  
*Thromb Diath Haemorrh* 23:417-22, 30 Jun 70  
 The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
*Thromb Diath Haemorrh* 23:206-12, 1970  
 Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. *Thromb Diath Haemorrh* 23:423-31, 30 Jun 70  
 Observations on the plasma kallikrein system during myocardial ischemia. Pitt B, et al.  
*Trans Ass Amer Physicians* 82:98-108, 1969  
 [Blood coagulation factors and articular inflammation] Guérin B, et al. *Rev Rhum* 37:335-46, Apr 70 (Fre)  
 [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
*Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
 [Kinins--an example of tissue hormones] Jeske W.  
*Pol Tyg Lek* 24:1624-7, 20 Oct 69 (17 ref.) (Pol)  
 [Coagulating function of the desialic prothrombin] Jacob H. *Postepy Hig Med Dosw* 24:565-608, 1970 (Pol)

### ADMINISTRATION & DOSAGE

- [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudrashov BA, et al. *Vop Med Khim* 15:486-94, Sep-Oct 69 (Rus)

### ANALYSIS

- The relation of 'Fletcher Factor' to factors XI and XII. Hathaway WE, et al. *Brit J Haemat* 18:161-9, Feb 70  
 Studies on protein fractions isolated from human plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. *Brit J Haemat* 18:29-44, Jan 70  
 Coagulation factor XII deficiency in the porpoise, *Tursiops truncatus*. Lewis JH, et al.  
*Comp Biochem Physiol* 31:667-70, 15 Nov 69  
 Drug action--study of plasma protein variations in hyperthrombotic diseases using gel filtration chromatography on agarose. Morelli AC, et al.  
*Int Z Klin Pharmakol Ther Toxik* 2:259-68, Jul 69  
 Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on newborn hemostasis. Bleier WA, et al.  
*JAMA* 213:2049-53, 21 Sep 70  
 Hageman factor (factor XII) deficiency in marine



# SUBJECT SECTION

## FACTOR XIII

- mammals. Robinson AJ, et al.  
Science 166:1420-2, 12 Dec 69
- New families with factor XII deficiency. Egeberg O.  
Thromb Diath Haemorrh 23:441-8, 30 Jun 70
- Factor XII defect and hemorrhage. Evidence for a new type of hereditary hemostatic disorder. Egeberg O.  
Thromb Diath Haemorrh 23:432-40, 30 Jun 70
- Cholecystectomy in a patient with Hageman trait. Girolami A, et al.
- Thromb Diath Haemorrh 23:449-54, 30 Jun 70
- Activation of Hageman factor by alpha-adrenergic stimulation. McKay DG, et al.
- Thromb Diath Haemorrh 23:417-22, 30 Jun 70
- [Relationship between pain sensation and blood coagulation-fibrinolysis] Abe T, et al.  
Jap J Allerg 19:634-7, Aug 70 (Jap)
- [Examination of the plasma clotting activities-determination of contact factors XII, XI] Murakami M, et al.  
Jap J Clin Path 16:Suppl 16:66-74, 1969 (Jap)
- [A method of studying the contact phase of blood coagulation] Zubairov DM, et al.  
Lab Delo 8:471-3, 1969 (Rus)
- [Activity of fibrin-stabilizing factor in patients with pulmonary tuberculosis] Rzaev NM, et al.  
Probl Tuberk 48:53-6, 1970 (Rus)

### ANTAGONISTS & INHIBITORS

- Consumption of Hageman factor activity in the generalized Schwartzman reaction induced by liguoid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al.  
Thromb Diath Haemorrh 23:386-404, 1970

### METABOLISM

- The kallikreinogen-kallikrein enzyme system of human plasma. Assay of components and observations in disease states. Colman RW, et al.  
Ann Intern Med 71:763-73, Oct 69
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al.  
J Colloid Interface Sci 31:188-95, Oct 69
- Endotoxin-induced kinin (bradykinin) formation: activation of Hageman factor and plasma kallikrein in human plasma. Pettinger WA, et al.  
Life Sci 9:313-22, 15 Mar 70
- The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bańkowski E, et al.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69
- Consumption of Hageman factor activity in the generalized Schwartzman reaction induced by liguoid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al.  
Thromb Diath Haemorrh 23:386-404, 1970
- [Activation of plasmin in human blood] Kotschy M.  
Postepy Hig Med Dosw 24:231-89, Mar-Apr 70 (Pol)

### PHARMACODYNAMICS

- [Enzyme chemistry of kinin releasing mechanism] Suzuki Y, et al. J Jap Med Ass 63:913-20, 1 Apr 70 (Jap)
- [Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al.  
Biokhimiia 34:816-23, Jul-Aug 69 (Rus)
- [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudriashov BA, et al. Vop Med Khim 15:486-94, Sep-Oct 69 (Rus)

### PHYSIOLOGY

- Glucocorticoids and Hageman factor activation of human plasma kallikrein. Henningsen SJ, et al.  
J Invest Derm 54:196-9, Mar 70
- [The fibrinolytic activity of blood] Januszko T.  
Roczn Akad Med Marchlewski Suppl 22:1-74, 1969 (Pol)

## FACTOR XIII

- Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al.  
Amer J Clin Path 52:547-56, Nov 69
- Inheritance of deficiency of fibrin-stabilizing factor (factor 13). Lorand L, et al.  
Amer J Hum Genet 22:89-95, Jan 70
- Acrylamide gel electrophoresis of the S-sulfo

- derivatives of fibrinogen. Brummel MC, et al.  
Anal Biochem 33:28-35, Jan 70
- Congenital factor XIII deficiency. Report of 2 cases. Fradera J, et al. Bol Asoc Med P Rico 61:294-9, Aug 69
- Hemophilia and aspirin. Quick AJ.  
JAMA 213:1689, 7 Sep 70
- Changes in fibrin-stabilizing factor levels in relation to maternal hemorrhage and neonatal disease. Ambrus CM, et al. Pediat Res 4:82-8, Jan 70
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. Thromb Diath Haemorrh 23:340-6, 1970
- Fibrin crosslinking demonstrated by thrombelastography. Tyler HM.
- Thromb Diath Haemorrh 22:398-400, 15 Nov 69
- Congenital deficiency of factor XIII. Ozsoylu S, et al.  
Turk J Pediat 11:45-50, Apr 69
- [Blood coagulation factors and articular inflammation] Guérin B, et al. Rev Rhum 37:335-46, Apr 70 (Fre)
- [2 patients with congenital factor XIII deficiency. Contribution to the problem of factor XIII determination] Egbring R, et al.
- Thromb Diath Haemorrh 23:313-39, 1970 (Ger)
- [Factor XIII in the neonatal period] Rosti D.  
Boll Soc Ital Biol Sper 45:1220-2, 30 Sep 69 (Ita)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clna Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Effect of ACTH and corticosteroids on the fibrin stabilizing factor] Seifulla RD.  
Farmakol Toksik 32:464-5, Jul-Aug 69 (Rus)
- [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)
- [Activity of the fibrin stabilizing factor in several diseases in children] Alekseenko IF.  
Vop Okhr Materin Dets 15:90, Feb 70 (Rus)

### ANALYSIS

- Factor XIII (fibrin-stabilizing factor) and platelets. I. Study of the association of factor XIII with blood platelets. Rolović Z. Acta Med Jugosl 22:113-23, 1968
- Fibrinolytic and fibrin stabilizing activity of synovial membranes. Andersen RB, et al.  
Ann Rheum Dis 29:287-93, May 70
- Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of screening tests of clot solubility. Dvilansky A, et al.  
Brit J Haemat 18:399-410, Apr 70
- Abnormalities of fibrin stabilization in liver and kidney disease: a comparison of two different methods. Walls WD, et al. Clin Sci 37:837-46, Dec 69
- Congenital factor XIII deficiency and increased fibrinolysis. A case report. Hathirat P, et al.  
Rocky Mountain Med J 67:39-42, Jun 70
- An inhibitor to fibrin stabilizing factor (FSF, factor XIII). Godal HC. Scand J Haemat 7:43-8, 1970
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. Thromb Diath Haemorrh 23:340-6, 1970
- Abnormal fibrin stabilization in renal failure. Losowsky MS, et al. Thromb Diath Haemorrh 22:216-22, 15 Nov 69
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)
- [Identification of the fibrin stabilizing factor (Factor XIII) in healthy skin tissue] Haustein UF.  
Derm Mschr 155:293-8, 1969 (Ger)
- [Factor XIII concentration and wound healing] Glerhake FW, et al.  
Deutsch Med Wschr 95:1472-5, 10 Jul 70 (Ger)
- [Hereditary deficiency in factor XIII activity-synthesis of a non-functional protein] Duckert F.  
Schweiz Med Wschr 100:328, 14 Feb 70 (Ger)
- [Isolation and characterization of the fibrin stabilizing factor from human thrombocytes] Bohn H.  
Thromb Diath Haemorrh 23:455-68, 30 Jun 70 (Ger)
- [2 patients with congenital factor XIII deficiency. Contribution to the problem of factor XIII determination] Egbring R, et al.
- Thromb Diath Haemorrh 23:313-39, 1970 (Ger)
- [Factor XIII (fibrin stabilizing factor) in cutaneous epitheliomas] Argenziano G, et al.  
G Ital Derm 45:69-72, Feb 70 (Ita)
- [Factor XIII (fibrin stabilizing factor) in various dermatological diseases (screening test)] Rossi A, et al. G Ital Derm 45:198-201, Mar 70 (Ita)



- [Afibrinogenemia and dysfibrinogenemia] Fukui H. Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
[Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al. Jap J Clin Path 16:Suppl 16:75-84, 1969 (Jap)  
[Influence of fibrinolysis on factor XIII assay] Suzuki H, et al. Jap J Clin Path 18:540-4, Aug 70 (Jap)  
[Congenital absence of the fibrin-stabilizing factor. (Factor 13)] Cieplewska D, et al. Pediat Pol 45:829-32, Jul 70 (Pol)  
[Activity of the fibrin stabilizing factor in the neonatal period] Chipall A, et al. Rev Medicochir Iasi 74:29-34, Jan-Mar 70 (Rum)  
[Effect of mercurial diuretics on heparin contents fibrinolysis and activity of blood fibrin stabilizing factor in patients with cardiovascular diseases] Kaznacheev VP, et al. Ter Arkh 42:83-6, Jan 70 (Rus)  
[The blood coagulation system and cortisol metabolism in Itsenko-Cushing disease] Vasiukova EA, et al. Ter Arkh 41:85-8, Jul 69 (Rus)  
[The level of fibrin-stabilizing factor in the blood of patients with rheumatism] Panchenko VM. Vop Revm 8:56-8, Oct-Dec 68 (Rus)  
[Hemorrhagic syndrome conditioned by inborn deficiency of coagulation factor XIII and report of the 2d case found in Yugoslavia] Stanulović D, et al. Med Pregl 22:243-7, 1969 (Ser)  
[Quantitative determination of the fibrin-stabilizing factor] Radzevich IM. Ukr Biokhim Zh 41:311-7, 1969 (Ukr)  
[Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. Ukr Biokhim Zh 41:367-70, 1969 (Ukr)

#### ANTAGONISTS & INHIBITORS

- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. Brit J Haemat 17:445-53, Nov 69  
Abnormalities of fibrin stabilization in liver and kidney disease: a comparison of two different methods. Walls WD, et al. Clin Sci 37:837-46, Dec 69  
Factor XIII-inhibitory activity of normal plasma and cysteine. De Cataldo F, et al. Haemat Lat 12:191-2, Apr-Jun 69  
An inhibitor to fibrin stabilizing factor (FSF, factor XIII). Godal HC. Scand J Haemat 7:43-8, 1970  
[The formation of ammonia in citrated plasma following recalcification] Wenzel E, et al. Thromb Diath Haemorrh 22:575-6, 31 Dec 69 (Ger)  
[Effect of ACTH and corticosteroids on the fibrin stabilizing factor] Seifulla RD. Farmakol Toksik 32:464-5, Jul-Aug 69 (Rus)

#### BIOSYNTHESIS

- Abnormalities of fibrin stabilization in liver and kidney disease: a comparison of two different methods. Walls WD, et al. Clin Sci 37:837-46, Dec 69

#### ISOLATION & PURIFICATION

- [Isolation and characterization of the fibrin stabilizing factor from human thrombocytes] Bohn H. Thromb Diath Haemorrh 23:455-68, 30 Jun 70 (Ger)

#### METABOLISM

- Slow activation of factor VIII by thrombin and other enzymes at low temperature. Ozge-Anwar AH. Scand J Haemat 7:5-9, 1970

#### PHYSIOLOGY

- Histological staining properties of in vitro formed fibrin clots and precipitated fibrinogen. Moe N, et al. Acta Path Microbiol Scand 76:61-73, 1969  
The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al. Thromb Diath Haemorrh 22:223-33, 15 Nov 69  
[Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. Chirurg 40:76-80, Feb 69 (Ger)  
[The effect of heparin on fibrin clot stabilization] Rustamova BA, et al. Vop Med Khim 16:290-3, May-Jun 70 (Rus)  
[The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C

- deficiency] Sushkevich GN, et al. Vop Pitan 28:23-7, Sep-Oct 69 (Rus)

#### THERAPEUTIC USE

- Hemophilla prophylaxis. JAMA 212:2256-7, 29 Jun 70  
Haemomedastinum in a haemophiliac after minor trauma. Jivani SK, et al. Thorax 25:372-4, May 70

#### FATTY STREAK, ARTERIAL

- Permeability patterns in pig aorta. Klynstra FB, et al. Atherosclerosis 11:451-62, May-Jun 70  
Effect of early underfeeding on the weight of the white Carneau pigeon. Liebman J, et al. Atherosclerosis 11:439-49, May-Jun 70  
The relationship between diffuse intimal thickening, medial enzyme failure and intimal lipid deposition in various human arteries. Adams CW, et al. J Atheroscler Res 10:327-39, Nov-Dec 69  
Lipid droplets in atherosclerotic fatty streaks of human aorta. Lang PD, et al. J Clin Invest 49:1479-88, Aug 70  
[The pathogenesis of obliterating arterial processes in hypercholesterolemia] Frost H. Thromb Diath Haemorrh 22:351-9, 15 Nov 69 (Ger)  
[Characteristic biochemical changes in experimental vitamin B6 deficiency] Karkalitskii IM, et al. Vop Pitan 29:23-8, Jan-Feb 70 (Rus)

#### ETIOLOGY

- Pathogenesis of myocardial infarcts in rats fed a thrombogenic diet. Wilson RB, et al. Arch Path (Chicago) 89:457-69, May 70

#### PATHOLOGY

- Some observations on the development of spontaneous atherosclerosis in Indian domestic pigs (*Sus scrofa*). Arora RB, et al. Indian J Physiol Pharmacol 13:73-6, Jan 69  
The pediatric aspects of atherosclerosis. Strong JP, et al. J Atheroscler Res 9:251-65, May-Jun 69  
Spontaneous vascular lesions in Indian pigs. Gupta PP, et al. J Path 99:19-28, Sep 69  
The bi-directional transfer of cholesterol in normal aorta, fatty streaks, and atheromatous plaques. Lofland HB, et al. Proc Soc Exp Biol Med 133:1-8, Jan 70

#### FIBRIN

- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. Acta Obstet Gynec Scand 48:392-404, 1969  
Cushion-like intimal lesions and platelet aggregates in intramyocardial arteries of man. Haerem JW. Acta Path Microbiol Scand 77:73-89, 1969  
Spontaneous and experimental thrombosis in the mouse placenta. Moe N. Acta Path Microbiol Scand 77:653-75, 1969  
Electron microscopic observations on fibrinoid and histiotroph in the junctional zone and villi of the human placenta. Dempsey EW, et al. Amer J Anat 128:463-84, Aug 70  
Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. Cohen I, et al. Amer J Med 48:766-76, Jun 70  
Extrachorial (circumvallate) placentas in rhesus monkeys. Harbert GM Jr, et al. Amer J Obstet Gynec 108:98-104, 1 Sep 70  
Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al. Amer J Path 57:127-52, Oct 69  
Aortic plaque morphology in relation to coronary artery disease. Woolf N, et al. Amer J Path 57:187-97, Oct 69  
Platelet aggregation and plug formation: a model test system. Silver MJ. Amer J Physiol 218:384-8, Feb 70  
Pneumocystis carinii infection. A cytologic, histologic, and electron microscopic study of the organism. Huang SN, et al. Amer Rev Resp Dis 102:623-35, Oct 70  
A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. Arch Biochem 134:1-7, Oct 69  
Pulmonary ultrastructure in neonatal hyaline



# SUBJECT SECTION

## FIBRIN

- membrane disease. Lauweryns JM, et al. Arch Dis Child 45:146, Feb 70
- Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis. Smith GF, et al. Arch Path (Chicago) 89:235-46, Mar 70
- Chain pairs in the crosslinking of fibrin. Lorand L, et al. Biochem Biophys Res Commun 37:219-24, 8 Oct 69
- Polypeptide chain involved in the cross-linking of stabilized bovine fibrin. Takagi T, et al. Biochem Biophys Res Commun 38:129-36, 6 Jan 70
- Electron microscopic investigations on soluble and insoluble bovine fibrin. Gollwitzer R, et al. Biochim Biophys Acta 207:445-55, 23 Jun 70
- Nonenzymatic polymerization of fibrinogen by protamine sulfate. An electron microscope study. Stewart GJ, et al. Biochim Biophys Acta 194:462-9, 23 Dec 69
- Resolution of polypeptide chains of sulfitylized fibrinogen by polyacrylamide gel electrophoresis. Takagi T, et al. Biochim Biophys Acta 194:594-6, 23 Dec 69
- Some problems in hemorheology. Copley AL. Biorheology 6:247-8, Jan 70
- Dynamic viscoelastic study for the structure of fibrin networks in the clots of blood and plasma. Kaibara M, et al. Biorheology 6:329-39, Apr 70
- The production of schistocytes by fibrin strands (a scanning electron microscope study). Bull BS, et al. Blood 35:104-11, Jan 70
- Ultrastructural changes in arteriolitis (vasculitis) allergica cutis superficialis. Ruiter M, et al. Brit J Derm 83:Suppl:14-26, 1970
- Morphology of early large vessel lesions in experimental hypertension. Veress B, et al. Brit J Exp Path 50:600-4, Dec 69
- Electron microscopy of fibrin-like precipitate formed during the paracoagulation reaction between soluble fibrin monomer complexes and protamine sulphate. Horn RG, et al. Brit J Haemat 17:463-6, Nov 69
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al. Brit J Haemat 18:625-36, Jun 70
- Inactivation of "Arvin" by plasma proteins. Pitney WR, et al. Brit J Haemat 19:87-81, Jul 70
- Defibrination syndrome due to scorpion venom poisoning. Devi CS, et al. Brit Med J 1:345-7, 7 Feb 70
- Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Rosing DR, et al. Circ Res 27:171-84, Aug 70
- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al. Circulation 42:1-21, Jul 70 (139 ref.)
- Observations on the physiopathology of the CSF pulse and prevention of ventricular catheter obstruction in valve shunts. Hakim S. Develop Med Child Neurol [Suppl] 20:42-8, 1969
- The cross striation pattern of the fibrin fibril. Karges HE, et al. Europ J Biochem 14:94-7, 1 May 70
- Nature of the endothelial layer as demonstrated by ruthenium red. Copley AL, et al. Exp Cell Res 59:491-2, Mar 70
- Fibrinolytic system, fibrinogen degradation products and soluble fibrin monomer complexes of renal venous and aortal blood. Nowak A, et al. Experientia 25:996-7, 15 Sep 69
- Enzymatic and electrochemical polymerization of fibrinogen. Stoner G, et al. J Biomed Mat Res 3:645-54, Dec 69
- The role of fibrinogen in renal disease. 3. Fibrinolytic and anticoagulant treatment of nephrotoxic serum nephritis in mice. Briggs JD, et al. J Lab Clin Med 74:715-24, Nov 69
- Vascular anatomy of the human placenta and its significance for placental pathology. Wigglesworth JS. J Obstet Gynaec Brit Comm 76:979-89, Nov 69
- Fibrin membrane formation in the left ventricular outflow tract following prosthetic replacement of the aortic valve. Fawcett J, et al. J Path 97:391-3, Feb 69
- Rapid peptide synthesis: synthesis of human fibrinopeptide A. Johnson BJ, et al. J Pharm Sci 58:1568, Dec 69
- An appraisal of blood trauma and the blood-material interface following prolonged assisted circulation. Bernhard WF, et al. J Thorac Cardiovasc Surg 58:801-10, Dec 69
- Ultrastructure of dermal lesions in systemic lupus erythematosus. Grishman E, et al. Lab Invest 22:189-97, Mar 70
- Heparin treatment for post-partum renal failure with microangiopathic haemolytic anaemia. Luke RG, et al. Lancet 2:750-2, 10 Oct 70
- Leucocyte antigens and placental sponge. Swinburne LM. Lancet 2:592-4, 19 Sep 70
- Fibrin and renal disease. Wardle EN. Lancet 2:1137, 22 Nov 69
- The clinical challenge of disseminated intravascular coagulation. Deykin D. New Eng J Med 283:636-44, 17 Sep 70
- Intramolecular localization of the acceptor cross-linking sites in fibrin. Lorand L, et al. Proc Nat Acad Sci USA 63:1247-52, Aug 69
- Fibrinolytic activity in the normal and inflamed rectal mucosa. Kwaan HC, et al. Scand J Gastroent 4:441-5, 1969
- The fibrin clot; a medium for supporting loose cells and delicate structures during processing for microscopy. Furtado JS. Stain Techn 45:19-23, Jan 70
- Alterations of and tissue reaction to polyvinyl alcohol sponge implants. Chen RW, et al. Surgery 66:899-906, Nov 69
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al. Thromb Diath Haemorrh 36:Suppl 36:333+, 1969
- Amino acid transport into human platelets and subsequent incorporation into protein. Cooper IA, et al. Thromb Diath Haemorrh 23:140-7, 28 Feb 70
- Virus infection and blood coagulation. Linder M, et al. Thromb Diath Haemorrh 23:1-11, 28 Feb 70
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. Thromb Diath Haemorrh 23:477-85, 30 Jun 70
- A fixation-shadowing technique for electron microscopic visualization of platelets, subcellular material, and fibrin. Stewart GJ. Thromb Diath Haemorrh 23:228-36, 1970
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al. Thromb Diath Haemorrh 36:Suppl 36:269+, 1969
- Preoperative coating of velour-lined circulatory assist devices with a fibrin coagulum membrane (FCM). Adachi M, et al. Trans Amer Soc Artif Intern Organs 16:7-11, 1970
- Emergency thrombectomy of the prosthetic mitral valve. Mullen DC, et al. Vasc Surg 4:137-40, Jun 70
- [A new method of subcutaneous sutureless arteriovenous anastomosis and its significance in repeated hemodialysis with artificial kidney] Bartoš J, et al. Cas Lek Cesk 108:1514-8, Dec 69 (Cze)
- [The determination of serum fibrinolytic inhibitors by the fibrin plate method] Daver J, et al. Ann Biol Clin (Paris) 27:721-33, Oct-Dec 69 (Fre)
- [Teflon-clot. Teflon-piston with utilization of a clot as a joint. 500 cases] Sterkers JM. Ann Otolaryng (Paris) 86:599-600, Sep 69 (Fre)
- [The ultrastructure of blood platelets with reference to their hemostatic function] Hovig T. Nouv Rev Franc Hemat 9:496-506, Jul-Aug 69 (Fre)
- [Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al. Rev Europ Etud Clin Biol 15:333-42, Mar 70 (Fre)
- [Electron-microscopical hepatic findings using ruthenium red] Cossel L, et al. Beitr Path Anat 139:381-408, 1969 (Ger)
- [Pathologic-anatomical studies on Tenckhoff's and Schechter's indwelling peritoneal catheters] Scholz N, et al. Deutsch Med Wschr 95:1641-4, 7 Aug 70 (Ger)
- [In vitro studies on urokinase] Fischer M, et al. Folia Haemat (Leipzig) 92:51-6, 1969 (Ger)
- [Pathogenesis of arterial occlusive diseases. II. Observations with stereoscan electron microscope on the reparations of endothelial defects in arteries] Frost H, et al. Klin Wschr 47:245-9, 1 Mar 69 (Ger)
- [Pathogenesis of arterial occlusive diseases. 3. A model for the study of the pathogenesis of cryoangitis] Frost H, et al. Klin Wschr 47:507-10, 15 May 69 (Ger)
- [Physiopathological principles of prevention and therapy of pulmonary embolism] Sandritter W. Langenbecks Arch Chir 325:1043-52, 1969 (Ger)
- [The pleural x-ray features changed by treatment and terrain] Bohlig H. Prax Pneumol 23:531-47, Aug 69 (Ger)
- [Experimental studies on fibrin pyelotomy] Klosterhalfen H, et al. Urologe 8:167-9, May-Jun 69 (Ger)
- [Production of chronic subdural hematoma in the experimental animals] Watanabe S, et al. Advances Neurol Sci (Tokyo) 14:387-96, Jul 70 (Jap)
- [Structure and origin of fibrinoid] Maldyk E. Reumatologia (Warsz) 7:185-90, 1969 (40 ref.) (Pol)



- [Fibrinolysis in surgical intervention] Klochkov ND. Arkh Pat 31:26-30, 1969 (Rus)
- [Effect of E-aminocaproic acid on the transcapillary exchange of water and proteins in dogs during toxic pulmonary edema (existence of a fibrin layer in the vessels)] Islamov II. Pat Fiziol Eksp Ter 13:27-31, Nov-Dec 69 (Rus)
- [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)
- [Quantitative determination of the inhibitory effect of fibrinogen and its tryptic proteolysis products on fibrin polymerization] Mal'eva GV, et al. Ukr Biokhim Zh 41:691-7, 1969 (Ukr)
- [Effect of enzyme concentration and the presence of cations on the anticoagulant activity of trypsin digestion products of fibrinogen] Mal'eva GV. Ukr Biokhim Zh 41:282-7, 1969 (Ukr)
- [Determination in blood plasma of proteolytic products which provoke bleeding] Radzevich IM. Ukr Biokhim Zh 41:698-701, 1969 (Ukr)

## ADMINISTRATION &amp; DOSAGE

- [Experiments with subretinal implantation of fibrin in the therapy of retinal detachment] Orłowski WJ. Klin Oczna 39:285-8, 1969 (Pol)

## ANALYSIS

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T. Acta Chir Scand 135:653-62, 1969
- Pathomorphology of experimental influenza. 3. Spleen. Radwański Z. Acta Med Pol 10:363-72, 1969
- Pathomorphology of experimental influenza. II. Liver. Radwański Z. Acta Med Pol 10:354-62, 1969
- Pathomorphology of experimental influenza. I. Lungs. Radwański Z. Acta Med Pol 10:337-51, 1969
- Histological and histochemical study of the extracellular deposits in the normal human placenta. Moe N. Acta Path Microbiol Scand 76:419-31, 1969
- Deposits of fibrin and plasma proteins in the normal human placenta. An immunofluorescence study. Moe N. Acta Path Microbiol Scand 76:74-88, 1969
- Histological staining properties of in vitro formed fibrin clots and precipitated fibrinogen. Moe N, et al. Acta Path Microbiol Scand 76:61-73, 1969
- Tumour growth and spontaneous metastasis spread in two syngeneic systems. Hagmar B. Acta Path Microbiol Scand [A] 78:131-42, 1970
- The structure of thrombus-like deposits formed in extracorporeal shunts. Hovig T, et al. Amer J Path 59:75-100, Apr 70
- The glomerulus in man one hour after transplantation. An electron microscopic study. Weymouth RJ, et al. Amer J Path 58:85-104, Jan 70
- Acrylamide gel electrophoresis of the S-sulfo derivatives of fibrinogen. Brummel MC, et al. Anal Biochem 33:28-35, Jan 70
- Electron microscopy of human platelet aggregates formed in vitro with and without fibrin production. Warren BA, et al. Angiologica (Basel) 7:84-103, 1970
- Papillary deposition of fibrin, a characteristic of initial lesions of dermatitis herpetiformis. Mustakallio KK, et al. Ann Clin Res 2:13-8, Mar 70
- Papillary deposition of fibrin in iodide reactions in dermatitis herpetiformis. Salo OP, et al. Ann Clin Res 2:19-21, Mar 70
- Fibrin-fibrinogen degradation products in sera of normal infants and children. Uttley WS, et al. Arch Dis Child 44:761-4, Dec 69
- Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis. Smith GF, et al. Arch Path (Chicago) 89:235-46, Mar 70
- Histochemical study of the hyaline membrane of newborn infants and of that produced in guinea pigs. Berezin A. Biol Neonat 14:90-6, 1969
- Fibrin degradation products in sera of women with normal menstruation and menorrhagia. Basu HK. Brit Med J 1:74-5, 10 Jan 70
- Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al. Brit Med J 3:545-7, 5 Sep 70
- Fibrinolysis and toxemia of pregnancy. Wardle EN. Brit Med J 1:175, 17 Jan 70
- Assessment of immuno-gel diffusion technique and fibrin degradation flocculation test in fibrinolysis investigations. Singh G. Indian J Med Res 57:1261-7, Jul 69
- Disseminated fibrin thromboembolism among neonates dying more than 48 hours after birth. Boyd JF. J Clin Path 22:663-71, Nov 69
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. J Lab Clin Med 75:93-108, Jan 70
- Intrafollicular hyalinosis and arterial hyalinosis of the spleen: histochemical and immunofluorescence studies. Cooper JH, et al. J Path 98:193-9, Jul 69
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al. J Pediatr 76:409-15, Mar 70
- Fat embolism and signs of intravascular coagulation in a posttraumatic autopsy material. Saldeen T. J Trauma 10:273-86, Apr 70
- Bacilli bodies in the lumen and epithelium of the jejunum in Whipple's disease. Watson JH, et al. Lab Invest 21:347-57, Oct 69
- Immunofluorescent examination of biopsies from long-term renal allografts. McPhaul JJ Jr, et al. New Eng J Med 282:412-7, 19 Feb 70
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipiński B, et al. Path Microbiol (Basel) 34:295-304, 1969
- Subunit structure of human fibrinogen, soluble fibrin, and cross-linked insoluble fibrin. McKee PA, et al. Proc Nat Acad Sci USA 66:738-44, Jul 70
- Histopathological and histochemical comparative studies on fibrinoid necrosis. Malydyk E. Reumatologia (Warsz) 7:101-9, 1969
- Gibbon fibrinopeptides: identification of a glycine-serine allelism at position B-3. Mross GA, et al. Science 170:468-70, 23 Oct 70
- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al. Thromb Diath Haemorrh 22:408-10, 15 Nov 69
- The quantitation of fibrinogen or fibrin split products. Some critical remarks. Merskey C. Thromb Diath Haemorrh 36:Suppl 36:195, 1969
- New tests for the diagnosis of consumption coagulopathy. Niewiarowski S. Thromb Diath Haemorrh 36:Suppl 36:277-9, 1969
- Consumption coagulopathy in obstetrics and gynecology. Steichele DF. Thromb Diath Haemorrh 36:Suppl 36:177+, 1969
- [A new quick and sensitive method for analysis of fibrin metabolism products in serum--theoretic and practical meaning] Gormsen J. Nord Med 84:999, 30 Jul 70 (Dan)
- [The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al. Bibl Haemat 32:292-7, 1969 (Ger)
- [Experiences with single plasma units stored at room temperature] Langfelder M, et al. Bibl Haemat 32:333-6, 1969 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Comparative studies on the histochemical behavior of amyloid, fibrinoid and hyalin precipitates in the walls of blood vessels of various mammals and birds. 1. Proteins] Jakob W, et al. Path Vet (Basel) 6:557-67, 1969 (Ger)
- [Isolation and characterization of the fibrin stabilizing factor from human thrombocytes] Bohn H. Thromb Diath Haemorrh 23:455-68, 30 Jun 70 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al. Thromb Diath Haemorrh 23:369-85, 1970 (Ger)
- [Morphological studies of fibrinoid in the human placenta] Gerl D, et al. Zbl Allg Path 112:237-43, 1969 (Ger)
- [Fibrinoid formation in the cornea] Yamagami K. Folia Ophthal Jap 21:8-14, Jan 70 (Jap)
- [Plasma coagulation tests. Phase 3] Abe T. Jap J Clin Path 16:Suppl 16:93+, 1969 (Jap)
- [Fibrinolysis, determination and interpretation] Maki M. Jap J Clin Path 18:563-8, Aug 70 (Jap)
- [Blood coagulation and hemostasis] Matsuoka M. Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Defibrination syndrome in obstetrics] Soma H, et al. Jap J Clin Path 17:843-9, Nov 69 (Jap)
- [Laboratory diagnosis of consumption coagulopathy with a special reference to immunological analysis of fibrinopeptides] Ukita M, et al. Jap J Clin Path 17:826-30, Nov 69 (Jap)
- [Generalized Schwartzman reaction] Lipiński B, et al.



# SUBJECT SECTION

## FIBRIN

- Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
 [Localization of fibrin in human tumors] Rukosuev S, et al. Arkh Pat 31:23-8, 1969 (Rus)  
 [Immunoelectrophoretic study of fibrinogen and of degradation products of fibrinogen and fibrin] Karpinskaia VM. Probl Gemat 13:53-6, Jan 68 (Rus)  
 [Micrometric indices of fibrinoid substance in the placenta in heart disease of rheumatic etiology] Lutsenko GE.  
 Pediat Akush Ginek 4:40-2, Jul-Aug 69 (Ukr)  
 [Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. Ukr Biokhim Zh 41:367-70, 1969 (Ukr)

### ANTAGONISTS & INHIBITORS

- Delayed fibrin polymerization due to removal of calcium ions. Godal HC.  
 Scand J Clin Lab Invest 24:29-33, Aug 69  
 [Homeopathic therapy of varicose conditions and associated edemas] Rouy A.  
 Phlebologie 22:349-54, Oct-Dec 69 (Fre)

### BIOSYNTHESIS

- Electron microscopy of human platelet aggregates formed in vitro with and without fibrin production. Warren BA, et al. Angiologica (Basel) 7:84-103, 1970  
 A story about a fiber. Blombäck B.  
 Scand J Clin Lab Invest Suppl 107:179+, 1969  
 A story about a fiber. Blombäck B.  
 Scand J Clin Lab Invest 24:Suppl 107:179+, 1969  
 Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. Thromb Diath Haemorrh 36:Suppl 36:239+, 1969  
 Fibrin deposition as a pathogenetic mechanism producing glomerulopathy in long surviving renal allografts. Mahabir RN, et al.  
 Transplantation 9:85-8, Jan 70

### BLOOD

- Plasmatic protein separation by gel filtration chromatography and reproduction in vitro of fibres similar to the hyaline membrane of the newborn. Morelli AC, et al. Biol Neonat 14:142-52, 1969  
 Fibrin degradation products. Merskey C, et al. Brit Med J 4:234-5, 25 Oct 69  
 [Vitamin B 12 electrophoresis into the area of hyperalgesia of the heart in coronary insufficiency] Chizhikov AS, et al.  
 Vop Kurort Fizioter 34:527-9, Nov-Dec 69 (Rus)

### DIAGNOSTIC USE

- [Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. Ukr Biokhim Zh 41:367-70, 1969 (Ukr)

### ISOLATION & PURIFICATION

- Isolation of fibrinopeptides formed during intravascular coagulation in dogs. Gröndahl NJ, et al. Acta Physiol Scand 76:369-75, Jul 69  
 Isolation, characterization, and location of a donor-acceptor unit from cross-linked fibrin. Chen R, et al. Proc Nat Acad Sci USA 66:472-9, Jun 70  
 Some effects of pH and temperature upon normal human red cell adenosine triphosphate. Scott GL, et al. Scand J Haemat 6:227-35, 1969  
 [Quantitative determination of the fibrin-stabilizing factor] Radzevich IM.  
 Ukr Biokhim Zh 41:311-7, 1969 (Ukr)  
 [Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. Ukr Biokhim Zh 41:367-70, 1969 (Ukr)

### METABOLISM

- Fibrinolytic activity in healing wound. Peterson HI, et al. Acta Chir Scand 135:649-52, 1969  
 Anaphylactoid purpura. 3. Early morphologic glomerular changes. Urizar RE, et al.  
 Amer J Clin Path 53:258-66, Feb 70  
 Inheritance of deficiency of fibrin-stabilizing factor (factor 13). Lorand L, et al.  
 Amer J Hum Genet 22:89-95, Jan 70  
 Local fibrinolytic activity in the pregnant uterus. Basu HK, et al. Amer J Obstet Gynec 107:1188-94, 15 Aug 70

- Vitreous hemorrhage: an experimental study. I. A macroscopic and isotopic study of the evolution of whole blood and hemoglobin. Regnault FR.  
 Arch Ophthal (Chicago) 83:458-65, Apr 70  
 Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al.  
 Brit J Haemat 17:431-43, Nov 69  
 Fibrin degradation products in sera of women with normal menstruation and menorrhagia. Basu HK.  
 Brit Med J 1:74-5, 10 Jan 70  
 Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al.  
 Brit Med J 3:545-7, 5 Sep 70  
 Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
 The morphology and histochemistry of the full term placenta in anaemic patients. Plotrowicz B, et al.  
 Folia Histochem Cytochem (Krakow) 7:435-44, 1969  
 Effect of an inhibitor of fibrinolysis upon the intravascular clearance of fibrin monomer in dogs. Pratt HW 2d, et al.  
 J Amer Osteopath Ass 69:1049-50, Jun 70  
 Ultrastructural studies of wound healing in mouse skin. II. Dermo-epidermal interrelationships. Tarin D, et al.  
 J Anat 106:79-91, Jan 70  
 Intraglomerular fibrin, platelet aggregation, and subendothelial deposits in lipid nephrosis. Duffy JL, et al. J Clin Invest 49:251-8, Feb 70  
 Assay of serum fibrin degradation products by agglutination-inhibition of coated erythrocytes. Das PC. J Clin Path 23:299-303, May 70  
 Focal tissue necrosis. Hardaway RM 3d.  
 Laryngoscope 79:1705-12, Oct 69  
 A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.  
 New Eng J Med 283:663-8, 24 Sep 70  
 Delayed fibrin polymerization due to removal of calcium ions. Godal HC.  
 Scand J Clin Lab Invest 24:29-33, Aug 69  
 An inhibitor to fibrin stabilizing factor (FSF, factor XIII). Godal HC. Scand J Haemat 7:43-8, 1970  
 Elements of the vascular system. Florey.  
 Sci Basis Med Ann Rev 1-18, 1969 (22 ref.)  
 The mechanism of spontaneous resolution of thromboemboli. Gans H, et al.  
 Surg Gynec Obstet 130:326-32, Feb 70  
 Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al.  
 Thromb Diath Haemorrh 22:273-80, 15 Nov 69  
 The kidneys and the fibrinolytic activity in the blood. Isacson S, et al.  
 Thromb Diath Haemorrh 22:211-5, 15 Nov 69  
 Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Lipiński B.  
 Thromb Diath Haemorrh 22:401-2, 15 Nov 69  
 Abnormal fibrin stabilization in renal failure. Losowsky MS, et al. Thromb Diath Haemorrh 22:216-22, 15 Nov 69  
 The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T.  
 Thromb Diath Haemorrh 22:360-71, 15 Nov 69  
 Fibrin crosslinking demonstrated by thrombelastography. Tyler HM.  
 Thromb Diath Haemorrh 22:398-400, 15 Nov 69  
 Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.  
 Thromb Diath Haemorrh 36:Suppl 36:83-97, 1969  
 The mechanism of the cryosurgical adhesion. Lincoff H.  
 Trans Ophthal Soc UK 88:99-112, 1969  
 [A new quick and sensitive method for analysis of fibrin metabolism products in serum--theoretic and practical meaning] Gormsen J.  
 Nord Med 84:999, 30 Jul 70 (Dan)  
 [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M.  
 Path Europ 4:Suppl 1:9-286, 1969 (Fre)  
 [Cerebral angioloblastoma in advanced age with severe regressive lesions. A histological examination concerning the pathogenesis of the tumour and its regressions] Lüders CJ, et al.  
 Acta Neuropath (Berlin) 15:70-82, 1970 (Ger)  
 [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E.  
 Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)  
 [Endogenous and exogenous fibrinolysis] Perlick E, et al. Folia Haemat (Leipzig) 92:28-32, 1969 (Ger)  
 [Unilateral renal cortical necrosis with contralateral differences in intravascular coagulation] Schubert GE, et al.  
 Virchow Arch [Path Anat] 350:36-43, 1970 (Ger)



- [Scanning electron microscopic study of the ulcerated surface of the arteriosclerotic aorta] Riede UN, et al. *Virchow Arch [Zellpath]* 5:294-300, 1970 (Ger)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al. *Vop Med Khim* 15:483-6, Sep-Oct 69 (Rus)

## PHARMACODYNAMICS

- [On the mechanism of the thrombolytic action of streptokinase: penetration of the streptokinase into clots] Blizzi B, et al. *Minerva Med* 60:4918-22, 8 Dec 69 (Ita)
- [On the biological properties of some fibrinogen degradation products (FDP)] Malofiejew M. *Roczni Akad Med Marchlewski Suppl* 23:1-65, 1969 (Pol)
- [Results of experimental covering with biological substances of the dental pulp in the dog] Pop M, et al. *Stomatologia (Bucur)* 16:397-403, Sep-Oct 69 (Rum)

## PHYSIOLOGY

- The fibrinogen-fibrin system in human intracranial tumor tissues: an immunohistological study. Nabeshima S. *Arch Jap Chir* 38:597-611, 1 Jul 69
- [Dextran and dynamic coagulation] Raby C, et al. *Presse Med* 77:1819-20, 22 Nov 69 (Fre)
- [Blood coagulation factors and articular inflammation] Guérin B, et al. *Rev Rhum* 37:335-46, Apr 70 (Fre)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)
- [The significance of changes in the functional properties of blood platelets, factor XIII activity and fibrin clot quality in the pathogenesis of hemorrhagic diathesis secondary to experimental vitamin C deficiency] Sushkevich GN, et al. *Vop Pitani* 28:23-7, Sep-Oct 69 (Rus)

## URINE

- Histuria and fibrinuria in cases of systemic lupus erythematosus. Antoine B, et al. *Clin Exp Immun* 6:153-9, Jan 70
- [Fibrinuria in human renal transplantation] Antoine B, et al. *Rev Franc Etud Clin Biol* 14:744-53, Oct 69 (Fre)

## FIBRIN FILM AND FOAM

- Some observations on the fibrinolytic activity of blood corporeal elements and vessel walls. Matsuoka M, et al. *Acta Med Biol (Nigata)* 17:231-5, Dec 69
- Fibrinolytic activity in cervical and endometrial neoplasia. Zeller J, et al. *Amer J Obstet Gynec* 107:1071-8, 1 Aug 70
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69
- [Fibrinolysis in burns and cicatricial keloid of burns] Kon S, et al. *Jap J Clin Path* 18:550-62, Aug 70 (Jap)
- [Demonstration of fibrinolytic activity on vaginal smears with special reference to cytological observation of cervical cancer] Soma H, et al. *Jap J Clin Path* 17:935-7, Dec 69 (Jap)
- [Treatment of the donor site of the skin by fibrin membrane] Nishi S, et al. *Orthop Surg (Tokyo)* 21:638-42, Aug 70 (Jap)
- [Treatment of patients with fresh eye burns] Chernova AA, et al. *Oftal Zh* 24:499-503, 1969 (Rus)

## PHARMACODYNAMICS

- [Effect of various fibrin preparations on reimplantations in the rat skin] Matras H. *Oest Z Stomat* 67:338-59, Sep 70 (Ger)

## FIBRINOGEN

- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al. *Acta Chir Scand* 135:569-73, 1969
- Studies in cryofibrinogenemia. Zlotnick A, et al. *Acta Haemat (Basel)* 42:8-17, 1969
- Coagulation studies of the vascular intima. II. Antithrombin activity. Oe K. *Acta Haemat Jap* 32:297-310, Apr 69
- Coagulation and fibrinolysis in women delivered by

- elective caesarean section and in their newborn infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:405-15, 1969
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. *Acta Obstet Gynec Scand* 48:392-404, 1969
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Localization of plasma proteins in kidneys of children with diffuse nephropathies, studied by an indirect immunofluorescent technique. Brentjens JR, et al. *Acta Paediat Scand* 58:374-84, Jul 69
- Effects of epsilon aminocaproic acid (EACA) and Trasylol on thromboplastin-induced intravascular coagulation, studied in dogs with iodine-labelled fibrinogen. Nordström S, et al. *Acta Physiol Scand* 76:93-105, May-Jun 69
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. *Advances Immun* 10:145-227, 1969 (743 ref.)
- Detection of left atrial thrombi. Scintillation scanning after administration of <sup>131</sup>I rabbit antibodies to human fibrinogen. Spar IL, et al. *Amer Heart J* 78:731-9, Dec 69
- An automatic instrument for the measurement of hemoglobin concentration. Gambino SR, et al. *Amer J Clin Path* 52:557-64, Nov 69
- Hereditary nephritis with nerve deafness. Immunofluorescent studies on the kidney, with a consideration of discordant immunoglobulin-complement immunofluorescent reactions. Spear GS, et al. *Amer J Med* 49:52-63, Jul 70
- Local fibrinolytic activity in the pregnant uterus. Basu HK, et al. *Amer J Obstet Gynec* 107:1188-94, 15 Aug 70
- Shear-dependent interaction of plasma proteins with erythrocytes in blood rheology. Chien S, et al. *Amer J Physiol* 219:143-53, Jul 70
- Selected procoagulants in the guinea pig. Hurt JP, et al. *Amer J Physiol* 218:832-7, Mar 70
- Effects of plasma viscosity and aggregation on whole-blood viscosity. Rand PW, et al. *Amer J Physiol* 218:681-8, Mar 70
- The problems of thrombosis in the deep veins of the leg. Kakkar VV. *Ann Roy Coll Surg Eng* 45:257-76, Nov 69
- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. *Arch Biochem* 134:1-7, Oct 69
- The influence of ischemia of the brain and transplanted kidney on fibrinolytic activity. Baciu I, et al. *Arch Immun Ther Exp* 18:195-200, 1970
- Pseudotumor cerebri associated with idiopathic cryofibrinogenemia. Report of a case. Dunsker SB, et al. *Arch Neurol (Chicago)* 23:120-7, Aug 70
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. *Arch Surg (Chicago)* 101:62-8, Jul 70
- Transfusion in hemophilia. Creveld S van. *Bibl Haemat* 34:1-8, 1970
- Heterogeneity of human fibrinogen: possible relation to proteolysis by thrombin and plasmin as studies by SDS-polyacrylamide gel electrophoresis. Mills D, et al. *Biochim Biophys Res Commun* 40:206-11, 13 Jul 70
- Hydrogen ion titration curves of the native bovine fibrinogen and of bovine fibrinogen denatured of 5 M guanidine hydrochloride. Mihalyi E. *Biochemistry (Wash)* 9:804-16, 17 Feb 70
- Characterization of peptides released from human fibrinogen by Arvin. Holleman WH, et al. *Biochim Biophys Acta* 200:587-9, 31 Mar 70
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69
- Nonenzymatic polymerization of fibrinogen by protamine sulfate. An electron microscope study. Stewart GJ, et al. *Biochim Biophys Acta* 194:462-9, 23 Dec 69
- Resolution of polypeptide chains of sulfolyzed fibrinogen by polyacrylamide gel electrophoresis. Takagi T, et al. *Biochim Biophys Acta* 194:594-6, 23 Dec 69
- The rotatory relaxation of fibrinogen in mucopolysaccharide solution detected by fluorescence-depolarization. Baba K, et al. *Biorheology* 6:246, Jan 70



# SUBJECT SECTION

# FIBRINOGEN

- Clotting of bovine fibrinogen by liver transamidase. Farrell J, et al. *Blood* 35:804-8, Jun 70
- Ultrastructural changes in arteriolitis (vasculitis) allergica cutis superficialis. Ruiter M, et al. *Brit J Derm* 83:Suppl:14-26, 1970
- Adenosine diphosphate-induced platelet aggregation in suspensions of washed rabbit platelets. Ardlie NG, et al. *Brit J Haemat* 19:7-17, Jul 70
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al. *Brit J Haemat* 18:625-36, Jun 70
- Inactivation of "Arvin" by plasma proteins. Pitney WR, et al. *Brit J Haemat* 19:67-81, Jul 70
- Increased prothrombin conversion: a new activity of lysed fibrinogen. Triantaphyllopoulos DC, et al. *Brit J Haemat* 18:127-34, Feb 70
- Molecular forms of antihemophilic globulin in plasma, cryoprecipitate and after thrombin activation. Weiss HJ, et al. *Brit J Haemat* 18:89-100, Jan 70
- Preservation of the primate liver by simple cooling and orthoptic autotransplantation for 2 and one-half-6 hours. Slapak M, et al. *Brit J Surg* 57:385, May 70
- Defibrination syndrome due to scorpion venom poisoning. Devi CS, et al. *Brit Med J* 1:345-7, 7 Feb 70
- Mode of action of the alpha toxin of *Staphylococcus aureus*. Wiseman GM, et al.
- Canad J Microbiol 16:47-50, Jan 70
- Thrombin-induced vasodilatation and hypotension in dogs: role of fibrinogen, plasma kinins, and blood cells. Olsson, et al. *Cardiovasc Res* 3:56-63, Jan 69
- Cold aggregation properties of some macroglobulins. Bobrzecka K, et al. *Clin Chim Acta* 26:580-2, Dec 69
- A sensitive method for the determination of proteolytic activity in vitro by immunochemical quantitation of fibrinogen fragments. Ohlsson K. *Clin Chim Acta* 26:131-3, Oct 69
- Study of electrolytic labeling of fibrinogen with 131-iodine by Sephadex G-10 gel filtration. Teulings FA, et al. *Clin Chim Acta* 27:57-64, Jan 70
- The effect of a fibrinolytic agent (Arvin) on wound healing and collagen formation. Holt PJ, et al. *Clin Sci* 38:9P, Feb 70
- Structure and function of glycoproteins. Kent PW. *Essays Biochem* 3:105-51, 1967 (162 ref.)
- Nature of the endothelial layer as demonstrated by ruthenium red. Copley AL, et al. *Exp Cell Res* 59:491-2, Mar 70
- Fibrinolytic system, fibrinogen degradation products and soluble fibrin monomer complexes of renal venous and aortal blood. Nowak A, et al. *Experientia* 25:996-7, 15 Sep 69
- The effect of neuraminidase on the rabbit urinary interferon. Viti A, et al. *Experientia* 26:363-4, 15 Apr 70
- Enzymatic and electrochemical polymerization of fibrinogen. Stoner G, et al. *J Biomed Mat Res* 3:645-54, Dec 69
- Electroosorption of amino acids peptides and proteins in relation to the compatibility of materials and the human body. Stoner GE. *J Biomed Mat Res* 3:655-67, Dec 69
- Identification of absorbed protein films by exposure to antisera and water vapor. Vroman L, et al. *J Biomed Mat Res* 3:669-71, Dec 69
- Adsorption of fibrinogen on modified polytetrafluoroethylene surfaces. Ziegler TF, et al. *J Biomed Mat Res* 4:259-68, Jun 70
- Assay of serum fibrin degradation products by agglutination-inhibition of coated erythrocytes. Das PC. *J Clin Path* 23:299-303, May 70
- Investigations and preparation of fibrinogen-coated tan A/Das PC: Investigations and preparation of fibrinogen-coated tanned sheep red cells. Das PC. *J Clin Path* 23:149-55, Mar 70
- Studies on antigenic competition. Brody NI, et al. *J Exp Med* 130:821-32, 1 Oct 69
- Studies on the specificity and affinity of alpha, DNP-oligoyne antibody: a basis for questioning the role of cell-bound antibody in cellular recognition of antigen. Levin HA, et al. *J Immun* 104:1377-83, Jun 70
- Passive cutaneous anaphylactic and Schultz-Dale reactions elicited in guinea pigs by chemically univalent dinitrophenyl-derivatives of bacitracin A and papain. Mancino D, et al. *J Immun* 103:750-6, Oct 69
- Genetic control of the specificity of anti-DNP antibodies. I. Differences in the specificity of anti-DNP antibody produced by mammalian species. Yoshida T, et al. *J Immun* 105:306-13, Aug 70
- The role of fibrinogen in renal disease. 3. Fibrinolytic and anticoagulant treatment of nephrotoxic serum nephritis in mice. Briggs JD, et al. *J Lab Clin Med* 74:715-24, Nov 69
- Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinopeptide B. Herzig RH, et al. *J Lab Clin Med* 76:451-65, Sep 70
- The diagnosis of deep vein thrombosis in the puerperium. Friend JR, et al. *J Obstet Gynaec Brit Comm* 77:820-3, Sep 70
- Defibrination syndrome in abruptio placentae and ABO blood type. Scott JM, et al. *J Obstet Gynaec Brit Comm* 76:806-8, Sep 69
- The inhibitory effect of non-steroidal anti-inflammatory agents on aggregation of red cells in vitro. Görög P, et al. *J Pharm Pharmacol* 22:86-92, Feb 70
- Cryofibrinogenemia in women using oral contraceptives. Fisch IR. *Lancet* 1:775, 11 Apr 70
- Leg-vein thrombosis following myocardial infarction. Murray TS, et al. *Lancet* 2:792-3, 17 Oct 70
- Detection of thrombosis with iodine-125 fibrinogen. Data reassessed. O'Brien JR. *Lancet* 2:396-9, 22 Aug 70
- Cryofibrinogenemia in women using oral contraceptives. Pindyck J, et al. *Lancet* 1:51-3, 10 Jan 70
- Cryofibrinogenemia in patients on oral contraceptives. Ritzmann SE. *Lancet* 1:522, 7 Mar 70
- Separation of SK-plasminogen-complex in sera and euglobulin solution of cat and monkey by gel filtration using sephadex G-200. Nitta H, et al. *Nagoya Med J* 15:93-102, Jul 69
- Cryofibrinogenemia aggravated during hypothermia. Waxman S, et al. *New Eng J Med* 281:1291-2, 4 Dec 69
- Changes in fibrin-stabilizing factor levels in relation to maternal hemorrhage and neonatal disease. Ambrus CM, et al. *Pediat Res* 4:82-8, Jan 70
- Rheology of blood. Errill EW. *Physiol Rev* 49:363-88, Oct 69 (49 ref.)
- The influence of environmental temperature on the plasma proteins of domestic fowl. Huston TM, et al. *Poult Sci* 48:997-1000, May 69
- The generalized Shwartzman phenomenon in rabbits with denervated kidneys. Klassen J, et al. *Proc Soc Exp Biol Med* 134:980-4, Sep 70
- Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Norén I. *Scand J Clin Lab Invest* 25:47-58, Jan 70
- Effect of the blood sampling procedure on the fibrinogen estimate in rabbit plasma. Gruner OP. *Scand J Haemat* 7:152-6, 1970
- Shear degradation of fibrinogen in the circulation. Charm SE, et al. *Science* 170:466-8, 23 Oct 70
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. Grotto L, et al. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69
- Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Lipiński B. *Thromb Diath Haemorrh* 22:401-2, 15 Nov 69
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. *Thromb Diath Haemorrh* 23:477-85, 30 Jun 70
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D. *Thromb Diath Haemorrh* 23:206-12, 1970
- Consumption coagulopathy in obstetrics and gynecology. Steichele DF. *Thromb Diath Haemorrh* 36:Suppl 36:177+, 1969
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al. *Thromb Diath Haemorrh* 36:Suppl 36:269+, 1969
- Fibrin crosslinking demonstrated by thrombelastography. Tyler HM. *Thromb Diath Haemorrh* 22:398-400, 15 Nov 69
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- Separation of the coagulant components of Bothrops jararaca venom. Denson KW, et al. *Toxicon* 8:15-9, May 70
- [Blood coagulation factors in preserved blood and plasma. 2] Vičková M. *Vnitřní Lek* 16:73-81, Jan 70 (Cze)
- [The determination of serum fibrinolytic inhibitors by



- the fibrin plate method] Daver J, et al.  
Ann Biol Clin (Paris) 27:721-33, Oct-Dec 69 (Fre)
- [Mechanisms of the inhibition of the fibrogenic power of silica dust by mineral substances: role of surface conditions] Le Bouffant L, et al.  
Arch Mal Prof 30:305-10, Jun 69 (Fre)
- [Role of calcium in the structure of fibrinogen] Capet-Antonini FC.  
Biochim Biophys Acta 200:497-507, 31 Mar 70 (Fre)
- [Effect of temperature on the structure of fibrinogen] Capet-Antonini FC, et al.  
Biochim Biophys Acta 200:486-96, 31 Mar 70 (Fre)
- [2 cases of congenital hypoconvertinemia] Mandelli F, et al.  
Nouv Rev Franc Hemat 9:485-94, Jul-Aug 69 (Fre)
- [Arterial ischemic syndrome associated with plasma cryoprecipitation and cutaneous porphyria in adults] Gorin N, et al. Presse Med 78:1111-2, 16 May 70 (Fre)
- [Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al.  
Acta Chir Acad Sci Hung 10:359-66, 1969 (Ger)
- [Cutaneous changes in patients with cryolabile and hydrolyzable blood proteins] Meiers HG, et al.  
Arch Klin Exp Derm 237:395-401, 1970 (Ger)
- [Significance of focal infection in psoriasis vulgaris and psoriasis arthropathica] Krstić A, et al.  
Hautarzt 20:274-6, Jun 69 (Ger)
- [Physiopathological principles of prevention and therapy of pulmonary embolism] Sandritter W.  
Langenbecks Arch Chir 325:1043-52, 1969 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G.  
Thoraxchirurgie 18:134-7, Apr 70 (Ger)
- [Experimental studies on fibrin pyelotomy] Klosterhalfen H, et al.  
Urologe 8:167-9, May-Jun 69 (Ger)
- [The effect of L-asparaginase on fibrinogen and fibrin clot (current data on the tumor-inhibiting mechanism of L-asparaginase)] Benkő S, et al.  
Orv Hetil 110:2083-7, 7 Sep 69 (Hun)
- [Studies on the process of fibrinogen breakdown by plasmin. I. Breakdown process of human fibrinogen by small or large amount of plasmin] Shinada S.  
J Jap Soc Intern Med 59:512-20, Jun 70 (Jap)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)
- [Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al.  
Jap J Clin Path 18:545-9, Aug 70 (Jap)
- [Marked cryofibrinogenemia in a patient with acute promyelocytic leukemia] Kon S, et al.  
Saishin Igaku 25:1605-17, 10 Jul 70 (Jap)
- [The role of blood platelets in hemorrhagic diathesis in the course of scurvy in guinea pigs] Poplawska A, et al.  
Acta Physiol Pol 21:363-9, May-Jun 70 (Pol)
- [On the biological properties of some fibrinogen degradation products (FDP)] Malofiejew M.  
Roczn Akad Med Marchlewski Suppl 23:1-65, 1969 (Pol)
- [Passage of 131-I labelled fibrinogen across the placental barrier in the guinea pig] Szewczyk A.  
Roczn Akad Med Marchlewski 14:235-42, 1969 (Pol)
- [Immunologic tolerance in guinea pigs to contact dermatitis caused by 2,4-dinitrochlorobenzol and dinitrophenol-protein compounds] Ado VA, et al.  
Arkh Pat 32:22-6, 1970 (Rus)
- [Postoperative fibrinogenolysis] Makarenko TP, et al.  
Khirurgiya (Moskva) 45:138-9, May 69 (Rus)
- [Seasonal fluctuation of hemoglobin, erythrocytes, ESR and fibrinogen in donors of the Nikolaev region] Zalkin AN. Probl Gemat 14:62-3, Mar 69 (Rus)
- [Dynamics of the properties of the thromboelastogram, prothrombin time and plasma fibrinogen concentration of rabbits vaccinated with BCG] Polushkina EE. Probl Tuberk 47:72-6, 1969 (Rus)
- [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)
- [Quantitative determination of the inhibitory effect of fibrinogen and its tryptic proteolysis products on fibrin polymerization] Mal'eva GV, et al.  
Ukr Biokhim Zh 41:691-7, 1969 (Ukr)
- [Effect of enzyme concentration and the presence of cations on the anticoagulant activity of trypsin digestion products of fibrinogen] Mal'eva GV.  
Ukr Biokhim Zh 41:282-7, 1969 (Ukr)

## ADMINISTRATION &amp; DOSAGE

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state.

- Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)
- Fibrinogen catabolism: kinetics of catabolism following sudden elevation of the pool with exogenous fibrinogen. Regöczl E. Clin Sci 38:111-21, Jan 70
- [Influence of biological glue on experimental retinal detachment] Szczypiński J.  
Klin Oczna 39:279-83, 1969 (Pol)
- [Method of dose calculation of preparations, necessary for the correction of electrolyte and protein balance, by means of a combined logarithmic ruler] Chepki LP, et al. Kardiologia 9:120-3, Sep 69 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.  
Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)
- [Occurrence of serum hepatitis following the administration of Cohn's fraction I or fibrinogen and antihemophilic globulin (AHG) respectively] Fábryová L, et al. Vnitřní Lek 16:123-6, Feb 70 (Slo)

## ADVERSE EFFECTS

- Fibrinogen-transmitted hepatitis in the surgical patient. Boeve NR, et al. Ann Surg 170:833-8, Nov 69
- Australia antigen in west of Scotland and north of England. Lalwani AC, et al. Lancet 2:121-3, 18 Jul 70

## ANALYSIS

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T.  
Acta Chir Scand 135:653-62, 1969
- Congenital deficiency of fibrinogen in two sisters. A clinical and haematological study. Dube B, et al.  
Acta Haemat (Basel) 43:120-7, 1970
- Studies in cryofibrinogenemia. Zlotnick A, et al.  
Acta Haemat (Basel) 42:8-17, 1969
- Some observations on the fibrinolytic activity of blood corporeal elements and vessel walls. Matsuoka M, et al.  
Acta Med Biol (Nigata) 17:231-5, Dec 69
- Single-blind randomised multicentre trial comparing heparin and streptokinase treatment in recent myocardial infarction. Amery A, et al.  
Acta Med Scand [Suppl] 505:Suppl 505:1+, 1969
- The electrophoretic mobility of red cells and platelets and the plasma viscosity in coronary heart disease. Karppinen K.  
Acta Med Scand [Suppl] Suppl 506:7+, 1970
- Fibrinolysis in human foetuses. Ekelund H, et al.  
Acta Paediat Scand 59:369-76, Jul 70
- Fibrinolysis in newborns. Ekelund H, et al.  
Acta Paediat Scand 59:33-43, Jan 70
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ.  
Acta Paediat Scand 59:551-7, Sep 70
- Fibrinogen and fibrinolysis in the respiratory distress syndrome: observation during the first day of life. Karitzky D, et al. Acta Paediat Scand 59:281-7, May 70
- The bleeding disorder in hepatomegalic forms of glycogen storage disease. Nilsson IM, et al.  
Acta Paediat Scand 59:127-33, Mar 70
- Histological and histochemical study of the extracellular deposits in the normal human placenta. Moe N. Acta Path Microbiol Scand 76:419-31, 1969
- Deposits of fibrin and plasma proteins in the normal human placenta. An immunofluorescence study. Moe N. Acta Path Microbiol Scand 76:74-88, 1969
- Spontaneous and experimental thrombosis in the mouse placenta. Moe N.  
Acta Path Microbiol Scand 77:653-75, 1969
- Histological staining properties of in vitro formed fibrin clots and precipitated fibrinogen. Moe N, et al.  
Acta Path Microbiol Scand 76:61-73, 1969
- Comparative investigations of plasma and lymph in the frog--A qualitative approach to the blood-lymph transfer of proteins. Reichel A.  
Acta Physiol Acad Sci Hung 37:1-17, 1970
- Inhibition of thromboplastin-induced intravascular coagulation by heparin and Trasylol. Nordström S.  
Acta Physiol Scand 79:390-404, Jul 70
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S.  
Acta Physiol Scand Suppl 337:1+, 1970
- Effects of different systemic contraceptives on blood fibrinolysis. Brakman P, et al.  
Amer J Obstet Gynec 106:187-92, 15 Jan 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.  
Amer J Surg 119:225-32, Mar 70



- Acrylamide gel electrophoresis of the S-sulfo derivatives of fibrinogen. Brummel MC, et al. *Anal Biochem* 33:28-35, Jan 70
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- Joint irrigation in rheumatoid arthritis: a controlled trial. Lindsay DJ, et al. *Ann Rheum Dis* 28:679-80, Nov 69
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70
- Bovine fibrinogen--heterogeneity of the gamma-chains. Gerbeck CM, et al. *Arch Biochem* 134:67-75, Oct 69
- Distribution of carbohydrate among the polypeptide chains and plasmin digest products of human fibrinogen. Mills DA, et al. *Arch Biochem* 135:28-35, Dec 69
- Fibrin-fibrinogen degradation products in sera of normal infants and children. Uttley WS, et al. *Arch Dis Child* 44:761-4, Dec 69
- Simultaneous determination of radioactive labeled fibrinogen, haptoglobin and orosomucoid from small plasma samples. Dobryszczyka W, et al. *Arch Immun Ther Exp* 18:201-7, 1970
- Intravascular coagulation associated with pneumococcal bacteremia and symmetrical peripheral gangrene. Stossel TP, et al. *Arch Intern Med (Chicago)* 125:876-8, May 70
- Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis. Smith GF, et al. *Arch Path (Chicago)* 89:235-46, Mar 70
- The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. *Bibl Haemat* 33:457-65, 1969
- On the interrelation between blood viscosity and the erythrocyte sedimentation rate. Isogal Y, et al. *Biorheology* 6:245, Jan 70
- Hypofibrinogenemia due to L-asparaginase: studies of fibrinogen survival using autologous 131-I-fibrinogen. Bettigole RE, et al. *Blood* 35:195-200, Feb 70
- Citrate stabilization of chromatographically purified factor 8. Hynes HE, et al. *Blood* 34:601-9, Nov 69
- Platelet cold agglutinins. Watkins SP Jr, et al. *Blood* 36:153-8, Aug 70
- The effect of Arvin on experimental immune arthritis in rabbits. Ford PM, et al. *Brit J Exp Path* 51:81-6, Feb 70
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. *Brit J Haemat* 18:135-45, Feb 70
- Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al. *Brit J Haemat* 17:431-43, Nov 69
- The original haemorrhagic fever: yellow fever. Dennis LH, et al. *Brit J Haemat* 17:455-62, Nov 69
- Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al. *Brit J Haemat* 19:33-46, Jul 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al. *Brit J Haemat* 18:643-52, Jun 70
- Hyperfibrinogenemia after ECIB in calves. Holland D, et al. *Brit J Haemat* 17:413, Oct 69
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. *Brit J Haemat* 19:159-78, Aug 70
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al. *Brit Med J* 2:200-3, 25 Apr 70
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al. *Brit Med J* 1:564-7, 6 Jun 70
- Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al. *Brit Med J* 3:545-7, 5 Sep 70
- Fibrinolysis and toxemia of pregnancy. Wardle EN. *Brit Med J* 1:175, 17 Jan 70
- Studies on the effect of inflammation on rat serum proteins. Ashton FE, et al. *Canad J Biochem* 48:841-50, Aug 70
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. *Canad J Physiol Pharmacol* 47:935-40, Nov 69
- Thrombolytic agents and lysis of coronary artery thrombosis. Moschos CB, et al. *Cardiovasc Res* 4:228-34, Apr 70
- Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Rosing DR, et al. *Circ Res* 27:171-84, Aug 70
- Dependence of radial immunodiffusion of fibrinogen on time and antigen concentration. Schmid P. *Clin Chim Acta* 26:183-4, Oct 69
- Fibrinogen catabolism: kinetics of catabolism following sudden elevation of the pool with exogenous fibrinogen. Regoez E. *Clin Sci* 38:111-21, Jan 70
- Platelet adhesiveness, plasma fibrinogen and factor 8 levels in diabetes mellitus. Mayne EE, et al. *Diabetologia* 6:436-40, Aug 70
- Increased plasma fibrinogen and the release of a fibrinogen enhancing factor in tumour-bearing rats. Hilgard P, et al. *Experientia* 26:182-3, 1970
- Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. *Haemat Lat* 12:143-54, Apr-Jun 69
- The molecular constancy of fibrinopeptides A and B from 125 individual humans. Doolittle RF, et al. *Humangenetik* 10:15-29, 17 Aug 70
- A fully automated method for immunochemical quantitation by passive hemolysis inhibition. Sturgeon P, et al. *Immunochemistry* 6:689-97, Sep 69
- Assessment of immuno-gel diffusion technique and fibrin degradation flocculation test in fibrinolysis investigations. Singh G. *Indian J Med Res* 57:1261-7, Jul 69
- Thromboelastographic studies on coagulation under influence of antigen-antibody reactions. Yoshida T, et al. *Int Arch Allerg* 38:627-34, 1970
- Drug action--study of plasma protein variations in hyperthrombotic diseases using gel filtration chromatography on agarose. Morelli AC, et al. *Int Z Klin Pharmacol Ther Toxik* 2:259-68, Jul 69
- Plasma protein electrophoretic pattern and blood viscosity in arteriosclerotic heart disease. Mrazek SA. *J Amer Geriatr Soc* 18:396-404, May 70
- Resting levels of fibrinolysis in blood in inactive and exercising men. Moxley TR, et al. *J Appl Physiol* 28:549-52, May 70
- The effect of dipyridamole on increased levels of platelet adhesiveness. Report of a controlled clinical trial. Mayne EE, et al. *J Atheroscler Res* 9:335-8, May-Jun 69
- Isotopic studies of therapeutic anticoagulation with a coagulating enzyme. Bell WR, et al. *J Clin Invest* 49:1872-9, Oct 70
- Chromatographic, ultracentrifugal, and related studies of fibrinogen "Baltimore". Mosesson MW, et al. *J Clin Invest* 48:1656-62, Sep 69
- Evaluation of a rapid method for the determination of plasma fibrinogen. Burmester HB, et al. *J Clin Path* 23:43-6, Feb 70
- Reaction pattern to three stresses--electroplexy, surgery, and myocardial infarction--of fibrinolysis and plasma fibrinogen. Chakrabarti R, et al. *J Clin Path* 22:659-62, Nov 69
- Modification of plasma fibrinogen method. Ellis BC. *J Clin Path* 23:374-5, May 70
- Determination of normal values of plasma fibrinogen in human subjects. Nath RL, et al. *J Indian Med Ass* 54:93-5, 1 Feb 70
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. *J Lab Clin Med* 75:93-108, Jan 70
- An unusual case of recurrent coagulation failure in pregnancy. Treatment with heparin. Basu HK, et al. *J Obstet Gynaec Brit Comm* 76:936-40, Oct 69
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al. *J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- Polycythemia in cyanotic heart disease--a study of altered coagulation. Komp DM, et al. *J Pediatr* 76:231-6, Feb 70
- Quantitation of secondary fibrinolysis in cyanotic heart disease. Komp DM, et al. *J Pediatr* 77:679-82, Oct 70
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al. *J Pediatr* 76:409-15, Mar 70
- Hemocytes, hemolymph, and defense reactions in crustaceans. Rabin H. *J Reticuloendothel Soc* 7:195-207, Feb 70
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al. *J Trauma* 9:939-65, Nov 69
- Plasma protein changes in mild thermal trauma. Baar S. *J Trauma* 10:684-9, Aug 70
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al. *J Trauma* 10:307-21, Apr 70
- The significance of coagulative and thrombotic changes



- after injury. Hardaway RM 3d.  
*J Trauma* 10:354-7, Apr 70
- Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. Hasegawa H, et al.  
*Jap Heart J* 11:258-68, May 70
- Preparation of plasminogen - free fibrinogen; starting from fibrinogen prepared by improved freezing thawing method. Sato T, et al.  
*Jap J Exp Med* 39:135-42, Apr 69
- Lysozyme and fibrinogen in normal and leukemic blood cells: a quantitative electron immunocytochemical study. Sternberger LA, et al.  
*Johns Hopkins Med J* 126:188-209, Apr 70
- Human renal transplants. 3. Immunopathologic studies. Andres GA, et al. *Lab Invest* 22:588-604, Jun 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al. *Lab Invest* 23:179-83, Aug 70
- Effects on platelet stickiness and fibrinolysis of phenformin combined with ethylestrenol or stanozolol. Chakrabarti R, et al.  
*Lancet* 1:591-3, 21 Mar 70
- Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al.  
*Lancet* 2:665, 26 Sep 70
- Impaired fibrinolytic response to exercise in patients with type-IV hyperlipoproteinaemia. Epstein SE, et al. *Lancet* 2:631-4, 26 Sep 70
- Cryofibrinogenemia in women using oral contraceptives. Farrell G, et al.  
*Lancet* 1:952-3, 2 May 70
- Cryofibrinogenemia in women using oral contraceptives. Fisch IR. *Lancet* 1:775, 11 Apr 70
- Blood activity of 125-I-fibrinogen in venous thrombosis. Hickman JA. *Lancet* 2:469, 29 Aug 70
- Decline in blood activity of 125-I-fibrinogen in venous thrombosis. Jeyasingh K, et al. *Lancet* 2:294-6, 8 Aug 70
- Intravascular coagulation in acute hepatic necrosis. Straub PW. *Lancet* 760:1339-40, 20 Jun 70
- Rattlesnake bite. Weiss HJ. *Lancet* 2:156, 18 Jul 70
- Plasma-proteins and oral contraceptives. *Lancet* 1:72-3, 10 Jan 70
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70
- Effect of L-asparaginase on carbohydrate metabolism. Whitecar JP Jr, et al. *Metabolism* 19:581-6, Aug 70
- Identity of chimpanzee with human fibrinopeptides. Doolittle RF, et al.  
*Nature (London)* 225:643-4, 14 Feb 70
- Interspecies constancy of N-terminal amino-acid sequences in the gamma-chain of fibrinogen. Pirkle H, et al. *Nature (London)* 223:400-1, 26 Jul 69
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. *New Eng J Med* 283:778-82, 8 Oct 70
- Immunofluorescent examination of biopsies from long-term renal allografts. McPhaul JJ Jr, et al. *New Eng J Med* 282:412-7, 19 Feb 70
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. *Obstet Gynec* 35:690-4, May 70
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al.  
*Obstet Gynec* 35:69-74, Jan 70
- Tissue activator of the fibrinolytic enzyme in the female reproductive system. Weiss G, et al.  
*Obstet Gynec* 34:809-19, Dec 69
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipinski B, et al.  
*Path Microbiol (Basel)* 34:295-304, 1969
- Immunoglobulin analysis in clinical diagnosis. 2. Immunoelectrophoresis. Cannon DC.  
*Postgrad Med* 46:55-9, Sep 69
- The influence of environmental temperature on the plasma proteins of domestic fowl. Huston TM, et al.  
*Poult Sci* 48:997-1000, May 69
- Changes in concentration of plasma proteins associated with Marek's disease. Washburn KW, et al.  
*Poult Sci* 49:784-93, May 70
- Subunit structure of human fibrinogen, soluble fibrin, and cross-linked insoluble fibrin. McKee PA, et al.  
*Proc Nat Acad Sci USA* 66:738-44, Jul 70
- Unified theory for gel electrophoresis and gel filtration. Rodbard D, et al.  
*Proc Nat Acad Sci USA* 65:970-7, Apr 70
- Measurement during fibrinolytic therapy. McNicol GP.  
*Proc Roy Soc Med* 62:1131-3, Nov 69
- The extinction coefficient of fibrinogen from man, dog, elephant, sheep, and goat at 280 mmu. Dellenback RJ, et al. *Proc Soc Exp Biol Med* 134:353-5, May 70
- The effect of arvin upon cardiac function. Klein MD, et al. *Proc Soc Exp Biol Med* 132:1123-6, Dec 69
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al.  
*Scand J Clin Lab Invest* 24:383-5, Dec 69
- The effect of linolenic acid orally on platelet adhesiveness and fibrinogen concentration. Geill T, et al. *Scand J Clin Lab Invest* 23:255-8, May 69
- Metformin and fibrinolysis. Heikinheimo R.  
*Scand J Haemat* 6:288-90, 1969
- Pharmacological enhancement and short-term stimulation of blood fibrinolytic activity. Laursen B, et al. *Scand J Haemat* 6:402-8, 1969
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J.  
*Scand J Haemat Suppl* 11:14, 1970
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J.  
*Scand J Haemat* 6:343-7, 1969
- Prevention of fatal pulmonary embolism. Atik M, et al. *Surg Gynec Obstet* 130:403-13, Mar 70
- A comparison of asanguineous fluids and whole blood in the treatment of hemorrhagic shock. Moss GS, et al. *Surg Gynec Obstet* 129:1247-57, Dec 69
- Intravascular coagulation--reality or myth? Attar S, et al. *Surgery* 68:27-33, Jul 70
- Fibrinogen assay by an immunodiffusion plate. Chen T, et al. *Techn Bull Regist Med Techn* 39:231-2, Oct 69
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- Comparison between the changes in the plasma fibrinogen and plasminogen levels induced by a moderate or high initial dose of streptokinase. Amery A, et al. *Thromb Diath Haemorrh* 23:504-12, 30 Jun 70
- The role of endotoxin in disseminated intravascular coagulation. Beller FK.  
*Thromb Diath Haemorrh* 36:Suppl 36:125+, 1969
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:333+, 1969
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:171-6, 1969
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- Disseminated intravascular coagulation in shock. Hardaway RM ed.  
*Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969
- Abnormal fibrin stabilization in renal failure. Losowsky MS, et al. *Thromb Diath Haemorrh* 22:216-22, 15 Nov 69
- The purification of fibrinogen degradation products by pevikon block electrophoresis. Marder VJ, et al.  
*Thromb Diath Haemorrh* 22:234-9, 15 Nov 69
- Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Meilger EJ.  
*Thromb Diath Haemorrh* 23:211-27, 1970
- The quantitation of fibrinogen or fibrin split products. Some critical remarks. Merskey C.  
*Thromb Diath Haemorrh* 36:Suppl 36:195, 1969
- New tests for the diagnosis of consumption coagulopathy. Niewiarowski S.  
*Thromb Diath Haemorrh* 36:Suppl 36:277-9, 1969
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:99+, 1969
- Production of the Sanarelli-Shwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F.  
*Thromb Diath Haemorrh* 36:Suppl 36:63-5, 1969
- Some characteristics of the clottable protein of limulus polyphemus blood cells. Solum NO.  
*Thromb Diath Haemorrh* 23:170-81, 28 Feb 70
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs.



# SUBJECT SECTION

# FIBRINOGEN

- Wasantapruek S, et al.  
Thromb Diath Haemorrh 36:Suppl 36:319+, 1969  
The fibrinolytic system in patients with right ventricular failure treated with Novurit. Worowski K, et al. Thromb Diath Haemorrh 23:500-3, 30 Jun 70  
Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al.  
Thromb Diath Haemorrh 23:50-7, 28 Feb 70  
Methods for differential diagnosis of consumption coagulopathy. Maki M, et al.  
Tohoku J Exp Med 99:347-60, Dec 69  
A simplified method for detecting fibrinogen and its derivatives by tanned red cell hemagglutination inhibition immune assay. Matsushima S, et al.  
Tohoku J Exp Med 99:327-30, Dec 69  
Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al.  
Toxicon 7:181-4, Nov 69  
Fibrinogen titre, fibrinolysis and platelet stickiness correlated with capillary bleeding or block in the skin. Kurban AK, et al.  
Trans St John Hosp Derm Soc 55:218-22, 1969  
Cryoprecipitates in treatment of congenital fibrinogen deficiency. Case report. Hattersley PG, et al.  
Transfusion 9:261-4, Sep-Oct 69  
A semiautomated method for quantitative fibrinogen determinations. Rep No 834. Fieseler ML, et al.  
US Army Med Res Lab 1-5, 30 Sep 69  
Automatically controlled continuous recovery of plasma protein fractions for clinical use. A preliminary report. Watt JG. Vox Sang 18:42-61, Jan 70  
[A new quick and sensitive method for analysis of fibrin metabolism products in serum--theoretic and practical meaning] Gormsen J.  
Nord Med 84:999, 30 Jul 70 (Dan)  
[Intravascular coagulation in toxemia and eclampsia] Smorenberg-Schoorl ME, et al.  
Nederl T Verlosk 70:140-54, Apr 70 (Dut)  
[A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al.  
Anesth Analg (Paris) 26:609-18, Jul-Aug 69 (Fre)  
[Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. Bull Soc Chim Biol (Paris) 51:635-48, 18 Sep 69 (Fre)  
[Hepatic involvement during acute respiratory decompensation of chronic broncho-pneumopathies] Lamisse F, et al.  
Cah Coll Med Hop Paris 10:1097-108, 15 Nov 69 (Fre)  
[Blood coagulation in experimental shock] Mazak J, et al. J Chir (Paris) 98:247-53, Sep 69 (Fre)  
[Biological manifestations of gout] Robert D'Eshougues J. Lille Med 15:254-6, Jan 70 (Fre)  
[Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al.  
Nouv Rev Franc Hemat 9:611-26, Sep-Oct 69 (Fre)  
[Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)  
["Extra-membranous" glomerulopathies (E.M.G.). Morphological study with optic microscopy, electron microscopy and immunofluorescence] Bariéty J, et al. Path Biol (Paris) 18:5-32, Jan 70 (Fre)  
[Determination of fibrinogen by the "fibrin-polymerization-time" test using Becton-Dickinson fibrometer] Donati MB, et al. Path Biol (Paris) 18:697-8, Jun-Jul 70 (Fre)  
[Moschowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)  
[Fibrinuria in human renal transplantation] Antoine B, et al. Rev Franc Etud Clin Biol 14:744-53, Oct 69 (Fre)  
[Comparative in vitro effects of industrial macromolecules on blood coagulation factors] Migne J, et al.  
Rev Franc Transfus 12:Suppl:427-38, 1969 (Fre)  
[Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)  
[Studies on temporary hepatic assistance in the dog. Biological data] Chrzanowska M, et al.  
Rev Int Hepat 19:143-64, 1969 (Fre)  
[A new, simplified method for the measurement of blood viscosity] Feuadent R, et al.  
Schweiz Med Wschr 100:296-8, 14 Feb 70 (Fre)  
[Hydrodynamic behavior of fibrinogen from cobalt-treated rabbits] Behlke J, et al.  
Acta Biol Med German 23:933-6, 1969 (Ger)  
[Comparative studies on the accuracy of the fibrinogen-polymerisation-time-test. A method of fibrinogen estimation for use in clinic and practice] Simon B, et al. Aerztl Forsch 24:234-9, 10 Aug 70 (Ger)  
[The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al.  
Bibl Haemat 32:292-7, 1969 (Ger)  
[Blood coagulation disorders due to fractures] Schulz W, et al. Bruns Beitr Klin Chir 218:136-44, Apr 70 (Ger)  
[Behavior of fibrinogen following surgery. II. Studies of the dependence on patient's age] Bach G, et al. Deutsch Gesundh 24:1320-2, 10 Jul 69 (Ger)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[Consumption coagulopathy] Holzknecht F. Deutsch Med Wschr 95:1277-8, 5 Jun 70 (Ger)  
[Consumption coagulopathy] Holzknecht F. Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)  
[Blood coagulation studies during the immunizing phase of leptospirosis with hemorrhagic disease course] Paar D, et al.  
Deutsch Med Wschr 95:954-8, 24 Apr 70 (Ger)  
[Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al.  
Folia Haemat (Leipzig) 92:7-19, 1969 (Ger)  
[Platelet functions following dextran administration] Cronberg S.  
Folia Haemat (Leipzig) 92:491-6, 1969 (Ger)  
[Experiences in the preparation and analytical control of Cohn's plasma fraction I] Hofmann F, et al.  
Folia Haemat (Leipzig) 93:316-9, 1970 (Ger)  
[Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E.  
Folia Haemat (Leipzig) 92:20-7, 1969 (Ger)  
[The physiology of thrombocyte function] Lüscher EF. Folia Haemat (Leipzig) 92:433-47, 1969 (74 ref.) (Ger)  
[Isolation and characterization of fetal fibrinogen] Witt I, et al. Klin Wschr 47:785-7, 15 Jul 69 (Ger)  
[Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al.  
Langenbecks Arch Chir 326:106-36, 1970 (Ger)  
[The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.  
Thromb Diath Haemorrh 22:377-90, 15 Nov 69 (Ger)  
[Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al.  
Thromb Diath Haemorrh 23:347-59, 1970 (Ger)  
[Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection techniques] Gmür JP, et al.  
Thromb Diath Haemorrh 23:82-90, 28 Feb 70 (Ger)  
[The formation of ammonia in citrated plasma following recalcification] Wenzel E, et al.  
Thromb Diath Haemorrh 22:575-6, 31 Dec 69 (Ger)  
[The level of plasma fibrinogen during the course of exchange transfusions] Reddemann H.  
Z Kinderheilk 107:230-7, 1969 (Ger)  
[Determination of steroid elimination and blood coagulation during normal and toxemic pregnancy] Gati I, et al. Zbl Gynaek 91:777-82, 14 Jun 69 (Ger)  
[Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pgnancy toxemias] Sieg U, et al.  
Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)  
[Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al.  
Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)  
[Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al.  
G Clin Med 50:684-98, Aug 69 (Ita)  
[Determination of haptoglobin, Wintzler's orosomucoid and fibrinogen in Pfaundler-Hurler disease and in Morquio-Ullrich disease] Torelli M, et al.  
Pediatrica (Napoli) 77:570-4, 1969 (Ita)  
[Blood fibrinolytic activity and fibrinogen concentration in diabetic retinopathy] Takeuchi Y, et al. Acta Soc Ophthal Jap 74:151-67, Feb 70 (Jap)  
[Metastasis of cancer and blood coagulation system] Shimada N, et al.  
J Jap Med Ass 62:1097-102, 1 Dec 69 (Jap)  
[Coagulation and fibrinolysis observed in the placenta] Soma H, et al.  
J Jap Obstet Gynec Soc 22:515-20, May 70 (Jap)  
[Studies on the adhesiveness of human blood platelets--the pathophysiological significance of the adhesiveness of the human blood platelets in



- alimentary lipemia in coronary sclerosis] Takamiya T.  
J Jap Soc Intern Med 58:1170-8, 10 Nov 69 (Jap)
- [Immunological study on the middle ear effusion]  
Yamaguchi M, et al.  
J Otolaryng Jap 72:1313-22, Aug 69 (Jap)
- [Thrombelastographic studies on blood coagulation during antigen-antibody reaction] Yoshida H.  
Jap J Allerg 19:82-90, Feb 70 (Jap)
- [Properties of the arterial wall and atherosclerosis--elastic type of arteries and muscular type of arteries] Tanaka K.  
Jap J Clin Med 28:1498-503, May 70 (Jap)
- [Plasma coagulation tests. Phase 3] Abe T.  
Jap J Clin Path 16:Suppl 16:93+, 1969 (Jap)
- [Fibrinolysis, determination and interpretation] Maki M.  
Jap J Clin Path 18:563-8, Aug 70 (Jap)
- [Blood coagulation and hemostasis] Matsuoka M.  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Defibrination syndrome in obstetrics] Soma H, et al.  
Jap J Clin Path 17:843-9, Nov 69 (Jap)
- [Immunoelectrophoretic study of circulating blood]  
Furuta K. Jap J Leg Med 23:294-8, Jul 69 (Jap)
- [Fibrinolytic activity and fibrinogen level in children with rheumatic fever treated or not treated with prednisone] Szydlowski E, et al.  
Pediat Pol 44:1399-403, Oct 69 (Pol)
- [Plasma fibrinolytic activity in patients with bronchial asthma] Chyrek-Borowska S, et al.  
Pol Arch Med Wewn 43:1347-51, Oct 69 (Pol)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al.  
Pol Przegl Chir 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Blood clotting disorders in experimental endotoxic shock] Bielski J, et al.  
Pol Tyg Lek 24:1384-6, 9 Sep 69 (Pol)
- [Thrombelastographic studies of the blood in patients with tetanus] Caban J, et al.  
Pol Tyg Lek 24:1720-2, 1 Oct 69 (Pol)
- [Role of erythrocytes in blood coagulation] Gaertner H.  
Przegl Lek 25:649-52, 1969 (Pol)
- [Quantitative changes in plasma fibrinogen in women prepared for pregnancy interruption by intravenous injection of EACA] Howorka E, et al.  
Przegl Lek 26:378-90, 18 Mar 70 (Pol)
- [Hemorrhage caused by fibrinogen deficiency in the course of an operation] Sadłński C, et al.  
Przegl Lek 26:561-2, 1970 (Pol)
- [Correlation between blood lipids and fibrinogen and fibrinolytic activity during acute fasting in obese patients] Dumitrescu C, et al.  
Med Intern (Bucur) 21:1093-101, Sep 69 (Rum)
- [Study of acquired dysfibrinogenemias. I. Importance of the comparative study of 2 methods of determination of fibrinogen for the demonstration of dysfibrinogenemias] Papilian M, et al.  
Stud Cercet Med Intern 10:525-35, 1969 (Rum)
- [Effect of antibiotics of glycopeptide structure on the content of fibrinogen and fibrinolytic activity of blood] Ivleva A Ia.  
Farmakol Toksik 32:719-23, Nov-Dec 69 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al.  
Kardiologiya 9:106-10, Aug 69 (Rus)
- [The significance of thromboelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.  
Khirurgiya (Moskva) 45:60-5, Jun 69 (Rus)
- [Urine fibrinolytic activity (urokinase) in patients with coronary disease] Panchenko VM.  
Klin Med (Moskva) 47:52-5, Jul 69 (Rus)
- [Micromethods of determining the concentration of fibrinogen, fibrinolytic activity, heparin and antifibrinolysin in blood] Andreenko GV.  
Lab Delo 8:477-9, 1969 (Rus)
- [Rapid diagnosis of blood coagulation disorders]  
Fedorova ZD. Lab Delo 8:468-71, 1969 (Rus)
- [Indices of hemostasis in radiotherapy of cancer of the lung] Strashnin AI, et al.  
Med Radiol (Moskva) 15:6-8, Mar 70 (Rus)
- [Peculiarities of the metabolism in arthrosis deformans] Blokhin NN, et al.  
Ortop Travm Protez 31:53-6, Feb 70 (Rus)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Muslatovich Iu, et al.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)
- [Blood coagulation system in primary hypothyroidism]  
Savenkov IuI, et al.  
Probl Endokr (Moskva) 15:15-8, Jul-Aug 69 (Rus)
- [Methods of determination of fibrinogen concentration in blood] Andreenko GV.  
Probl Gemat 13:43-52, Sep 68 (Rus)
- [Immunoelectrophoretic study of fibrinogen and of degradation products of fibrinogen and fibrin]  
Karpinskaya VM. Probl Gemat 13:53-6, Jan 68 (Rus)
- [Quantitative and qualitative blood plasma fibrinogen changes in patients with pulmonary tuberculosis]  
Rzaev NM, et al. Probl Tuberk 47:43-8, 1969 (Rus)
- [Indices of the coagulation and anticoagulation system of the blood under the influence of proteolytic enzyme treatment of patients with chronic nonspecific processes in the lung] Komarova IA.  
Ter Arkh 41:84-6, Mar 69 (Rus)
- [A study of the mucopolysaccharide-thrombogenic mechanism predisposing to myocardial infarct]  
Ol'shevskii V, et al. Ter Arkh 41:71-7, Jul 69 (Rus)
- [State of enzymatic system in children in chronic toxic-allergic tonsillitis without concomitant diseases] Tamm L Ia, et al.  
Vestn Otorinolaring 31:101-5, Sep-Oct 69 (Rus)
- [Concentration of vitamin A in blood and its relation to the content of proteins, cholesterol and beta-lipoproteins in the blood of patients with atherosclerosis] Zhelezovskaya IB.  
Vop Med Khim 15:506-12, Sep-Oct 69 (Rus)
- [The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB.  
Vop Onkol 16:97-9, May 70 (Rus)
- [Blood fibrinogen indices of rheumatic patients as a function of the functional status of the thyroid gland]  
Chernous ES. Vrach Delo 10:34-6, Oct 69 (Rus)
- [Functional state of the liver in chronic kidney insufficiency] Pyrng LA.  
Vrach Delo 7:66-70, Jul 69 (Rus)
- [Oxytocic perfusion and fibrinogen] Alarcon H.  
Rev Chile Obstet Ginec 34:272-5, 1969 (Spa)
- [Thrombin-streptokinase test] Aznar J, et al.  
Sangre (Barc) 15:269-74, 1970 (Spa)
- [Determination in blood plasma of proteolytic products which provoke bleeding] Radzevich IM.  
Ukr Biokhim Zh 41:698-701, 1969 (Ukr)
- [Biological half-life of fibrinogen labelled with radioactive iodine I-131 in coronary disease] Dordevic BS, et al. Acta Med Jugosl 24:7-19, 1970 (Cro)

## ANTAGONISTS &amp; INHIBITORS

- Biological activities of leupeptins. Aoyagi T, et al.  
J Antibiot (Tokyo) 22:558-68, Nov 69
- Delayed fibrin polymerization due to removal of calcium ions. Godal HC.  
Scand J Clin Lab Invest 24:29-33, Aug 69
- [Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)
- [The fibrinolytic activity of blood] Januszko T.  
Roczn Akad Med Marchlewski Suppl 22:1-74, 1969 (Pol)

## BIOSYNTHESIS

- Fine structure of the bond between platelets in artificial thrombi and in platelet aggregates induced by adenosine diphosphate. Shirasawa K, et al.  
Amer J Path 57:127-52, Oct 69
- Relative albumin, transferrin, and fibrinogen synthesis rates in perfused bovine liver. Goldsworthy PD, et al.  
Amer J Physiol 218:1428-33, May 70
- Fibrinogen catabolism: kinetics of catabolism following sudden elevation of the pool with exogenous fibrinogen. Regoezi E. Clin Sci 38:111-21, Jan 70
- Regulation of net biosynthesis of serum albumin and acute phase plasma proteins. Induction of enhanced net synthesis of fibrinogen, alpha<sub>1</sub>-acid glycoprotein, alpha<sub>2</sub> (acute phase)-globulin, and haptoglobin by amino acids and hormones during perfusion of the isolated normal rat liver. John DW, et al.  
J Biol Chem 244:6134-42, 25 Nov 69
- Protein synthesis by the liver after transplantation.  
Rake MO, et al. Lancet 2:341-2, 15 Aug 70
- Production of fibrinogen following an endotoxin injection. Wycoff HD.  
Proc Soc Exp Biol Med 133:940-3, Mar 70
- Amino acid transport into human platelets and subsequent incorporation into protein. Cooper IA, et al. Thromb Diath Haemorrh 23:140-7, 28 Feb 70



# SUBJECT SECTION

## FIBRINOGEN

- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
Thromb Diath Haemorrh 23:58-63, 28 Feb 70  
[Fibrinogen synthesis in blood platelets] Rosiek O, et al. Folia Haemat (Leipzig) 92:553-7, 1969 (Ger)  
[Kinetics of chronic consumption coagulopathy] Vinazzer H. Wien Z Inn Med 51:49-58, 1970 (Ger)  
[Hemorrhage caused by fibrinogen deficiency in the course of an operation] Sadliski C, et al. Przegl Lek 26:561-2, 1970 (Pol)  
[Effect of cortisone desoxycorticosterone and insulin on fibrinogen formation function of the liver in its toxic lesions] Drobnitseva IV.  
Probl Endokr (Moskva) 13:76-9, Jul-Aug 67 (Rus)

### BLOOD

- A procoagulant from human postpartum serum. Effects of coagulation and hemodynamics in dogs. Nordström S, et al. Acta Physiol Scand 76:399-405, Aug 69  
Afibrinogenemia in man following the bite of a rattlesnake (Crotalus adamanteus). Weiss HJ, et al. Amer J Med 47:625-34, Oct 69  
Pharmacological fibrinolysis. Fearnley GR.  
Bristol Medicochir J 84:131-43, Oct 69  
Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al.  
Brit Med J 1:260-3, 2 May 70  
Pneumonic pasteurellosis of cattle: microbiology and immunology. Thomson RG, et al.  
Canad J Comp Med 33:194-206, Jul 69  
Plasma fibrinogen: determination, normal values, physiopathologic shifts, and fluctuations. Grannis GF. Clin Chem 16:486-94, Jun 70  
Fibrinogen levels in patients suffering from acute myocardial infarction. Hashmi JA, et al.  
J Atheroscler Res 10:277-81, Sep-Oct 69  
The mechanism of colloid shock. Wiedmeier VT, et al. J Reticuloendothel Soc 7:716-30, Jun 70  
Phenformin and ethyloestrenol for Raynaud's disease. Fearnley GR, et al. Lancet 2:906-7, 25 Oct 69  
[The possibility of participation of the Sanarelli-Shwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al.  
Radiobiol Radiother (Berlin) 10:663-71, 1969 (Ger)  
[Effect of sodium bromide on the activity of hemostatic substances] Iadrova VM, et al.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)  
[Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the patient's age, degree and length of illness] Fenluk EV. Kardiologiya 8:70-3, Dec 68 (Rus)  
[Effect of cortisone desoxycorticosterone and insulin on fibrinogen formation function of the liver in its toxic lesions] Drobnitseva IV.  
Probl Endokr (Moskva) 13:76-9, Jul-Aug 67 (Rus)  
[Peculiar conditions of the fibrinolytic system of the blood in atherosclerotic patients] Nikitin IuP, et al. Ter Arkh 41:20-3, Jun 69 (Rus)

### DIAGNOSTIC USE

- Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al.  
Amer J Clin Path 52:547-56, Nov 69  
Detection of postoperative venous thrombosis and effectiveness of prophylactic measures studied with the fibrinogen 125-I technique. Tsapogas MJ, et al. Arch Surg (Chicago) 101:149-54, Aug 70  
A modified radioactive fibrinogen test for diagnosing deep-vein thrombosis of the legs. Kakkar VV, et al. Brit J Surg 57:382, May 70  
The prevention of postoperative deep-vein thrombosis, comparing dextran-70 and intensive physiotherapy. Renney JT, et al. Brit J Surg 57:388-9, May 70  
Dextran 70 in prophylaxis of postoperative venous thrombosis. A controlled trial. Lambie JM, et al. Brit Med J 2:144-5, 18 Apr 70  
Diagnostic accuracy in venous thrombosis. Lambie JM, et al. Brit Med J 2:142-3, 18 Apr 70  
Use of radioactive fibrinogen for detecting rejection of human renal transplants. Salaman JR.  
Brit Med J 2:517-21, 30 May 70  
Hemostasis in cyanotic congenital heart disease. Ekert H, et al. J Pediatr 76:221-30, Feb 70  
Prevention of venous thrombosis. Bygdeman S, et al. Lancet 2:419-20, 22 Aug 70  
125-I-labelled fibrinogen test adapted for routine

- screening for deep-vein thrombosis. Kakkar VV, et al. Lancet 1:540-2, 14 Mar 70  
Australia antigen in west of Scotland and north of England. Lalwani AC, et al. Lancet 2:121-3, 18 Jul 70  
The activator time. A method for control of activator activity during thrombolytic therapy. Blix S.  
Scand J Haemat 6:221-6, 1969  
[Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
Nouv Rev Franc Hemat 10:41-54, Jan-Feb 70 (Fre)  
[New methods for the diagnosis of thromboses] Fernholz HJ, et al.  
Deutsch Med Wschr 95:1697-700, 14 Aug 70 (Ger)  
[Clinical experience in the diagnosis of thrombosis by use of 125 I-fibrinogen] Hedlund PO, et al.  
Nord Med 84:952-3, 23 Jul 70 (Swe)

### ISOLATION & PURIFICATION

- Catabolism of iodine-labelled fibrinogen. McFarlane AS. Proc Roy Soc Med 62:1127-9, Nov 69  
The purification of fibrinogen degradation products by pevikon block electrophoresis. Marder VJ, et al. Thromb Diath Haemorrh 22:234-9, 15 Nov 69  
Isolation and purification of highly enriched tissue plasminogen activator from pig heart. Rickli EE, et al. Thromb Diath Haemorrh 23:64-76, 28 Feb 70  
[Isolation of the PPSB fraction in a blood bank] Stein P, et al. Folia Haemat (Leipzig) 93:334-9, 1970 (Ger)  
[Isolation and characterization of fetal fibrinogen] Witt I, et al. Klin Wschr 47:785-7, 15 Jul 69 (Ger)  
[Obtaining fibrinogen from "nonstandard" plasma] From AA, et al. Probl Gemat 13:47-8, May 68 (Rus)

### METABOLISM

- The turnover of fibrinogen in aortic surgery. An experimental study in dogs. Lim RC Jr, et al. Acta Chir Scand 135:363-7, 1969  
Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. I. Heating by immersion in warm water. Copeland ES. Acta Radiol [Ther] (Stockholm) 9:205-24, Jun 70  
Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. II. Heating with microwaves. Copeland ES, et al. Acta Radiol [Ther] (Stockholm) 9:323-36, Aug 70  
Blood-fibrinolysis and activity of rheumatoid arthritis. Andersen RB, et al. Acta Rheum Scand 15:178-84, 1969  
Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)  
Immunopathologic aspects of lung disease. Vazquez JJ. Arch Intern Med (Chicago) 126:471-4, Sep 70  
Vitreous hemorrhage: an experimental study. I. A macroscopic and isotopic study of the evolution of whole blood and hemoglobin. Regnault FR. Arch Ophthal (Chicago) 83:458-65, Apr 70  
The proteolytic action of arvin on human fibrinogen. Ewart MR, et al. Biochem J 115:17P, Nov 69  
Hypofibrinogenemia due to L-asparaginase: studies of fibrinogen survival using autologous 131-I-fibrinogen. Bettigole RE, et al. Blood 35:195-200, Feb 70  
Microangiopathic haemolytic anaemia and mucin-forming adenocarcinoma. Brain MC, et al. Brit J Haemat 18:183-93, Feb 70  
Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al.  
Brit J Haemat 17:431-43, Nov 69  
The original haemorrhagic fever: yellow fever. Dennis LH, et al. Brit J Haemat 17:455-62, Nov 69  
Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al.  
Brit J Haemat 19:33-46, Jul 70  
Deep vein thrombosis. Diagnosis. Browse N.  
Brit Med J 4:676-8, 13 Dec 69  
Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al.  
Brit Med J 3:545-7, 5 Sep 70  
Effect of mercuric chloride on the arterial blood pressure of dogs. Worowski K, et al.  
Bull Acad Pol Sci [Biol] 17:349-51, 1969  
Study of electrolytic labeling of fibrinogen with 131-iodine by Sephadex G-10 gel filtration. Teulings FA, et al. Clin Chim Acta 27:57-64, Jan 70



- Inhibition of experimental tumours by defibrinogenation. Austin JP, et al. *Clin Sci* 37:878, Dec 69
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. *Clin Sci* 38:15P, Mar 70
- Fibrinogen catabolism: kinetics of catabolism following sudden elevation of the pool with exogenous fibrinogen. Regoezi E. *Clin Sci* 38:111-21, Jan 70
- Fibrinolytic agents. Sherry S. *DM* 3:32, May 69 (29 ref.)
- Fibrinolysis, thromboplastin activity and localization of radiolabelled fibrinogen in experimental tumors. Hilgard P, et al. *Europ J Cancer* 6:157-8, Apr 70
- Fibrinogen metabolism in experimental tumors. Peterson HI, et al. *Europ J Cancer* 5:535-42, Dec 69
- Factor XIII-inhibitory activity of normal plasma and cysteine. De Cataldo F, et al. *Haemat Lat* 12:191-2, Apr-Jun 69
- Effect of an inhibitor of fibrinolysis upon the intravascular clearance of fibrin monomer in dogs. Pratt HW 2d, et al. *J Amer Osteopath Ass* 69:1049-50, Jun 70
- A simple way of estimating turnover rates from specific activity-time curves. Corney PL, et al. *J Appl Physiol* 28:672-4, May 70
- Isotopic studies of therapeutic anticoagulation with a coagulating enzyme. Bell WR, et al. *J Clin Invest* 49:1872-9, Oct 70
- Short-term measurement of catabolic rates using iodine-labelled plasma protein. McFarlane AS, et al. *J Clin Invest* 49:1903-11, Oct 70
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al. *J Colloid Interface Sci* 31:188-95, Oct 69
- Prevention of intra-abdominal adhesions by protoporphyrin; an experimental study. Iijima N, et al. *Jap J Exp Med* 39:311-9, Jun 69
- Blood activity of 125-I-fibrinogen in venous thrombosis. Hickman JA. *Lancet* 2:469, 29 Aug 70
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. *Lancet* 1:533-7, 14 Mar 70
- Fibrin and renal disease. Wardle EN. *Lancet* 2:1137, 22 Nov 69
- Focal tissue necrosis. Hardaway RM 3d. *Laryngoscope* 79:1705-12, Oct 69
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al. *New Eng J Med* 283:663-8, 24 Sep 70
- Radioactive fibrinogen as an index of thrombosis. Flute PT, et al. *Proc Roy Soc Med* 62:1129-31, Nov 69
- Treatment of deep vein thrombosis. Kakkar VV. *Proc Roy Soc Med* 63:133-5, Feb 70
- Catabolism of iodine-labelled fibrinogen. McFarlane AS. *Proc Roy Soc Med* 62:1127-9, Nov 69
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al. *Scand J Clin Lab Invest* 24:383-5, Dec 69
- Delayed fibrin polymerization due to removal of calcium ions. Godal HC. *Scand J Clin Lab Invest* 24:29-33, Aug 69
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al. *Scand J Urol Nephrol* 3:23-9, 1969
- 4-aminomethylbicyclo[2.2.2]octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al. *Thromb Diath Haemorrh* 22:263-72, 15 Nov 69
- Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al. *Thromb Diath Haemorrh* 22:273-80, 15 Nov 69
- The purification of fibrinogen degradation products by pevikon block electrophoresis. Marder VJ, et al. *Thromb Diath Haemorrh* 22:234-9, 15 Nov 69
- Chronic intravascular coagulation (IFC) syndrome. Owen CA Jr, et al. *Thromb Diath Haemorrh* 36:Suppl 36:197+, 1969
- Inhibition of platelet aggregation by dialysable fibrinogen degradation products (FDP). Stachurska J, et al. *Thromb Diath Haemorrh* 23:91-8, 28 Feb 70
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al. *Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969
- Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al. *Thromb Diath Haemorrh* 23:50-7, 28 Feb 70
- Fibrin deposition as a pathogenetic mechanism producing glomerulopathy in long surviving renal allografts. Mahabir RN, et al. *Transplantation* 9:65-8, Jan 70
- [On coagulation and catabolism of labelled fibrinogen during Moschkowicz's disease] Marie J, et al. *Arch Franc Pediat* 26:226-7, Feb 69 (Fre)
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al. *Nouv Rev Franc Hemat* 9:575-7, Jul-Aug 69 (Fre)
- [Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al. *Folia Haemat (Leipzig)* 92:470-6, 1969 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. *Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)
- [Blood coagulation studies in cord blood: fetal fibrinogen?] Gmür J, et al. *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. *Thromb Diath Haemorrh* 22:552-68, 31 Dec 69 (Ger)
- [Thermographic, radioisotopic and angiographic findings in the diagnosis of malignant primary and metastatic bone neoplasms] Ravasini R, et al. *Quad Radiol* 33:437-53, Sep-Oct 68 (Ita)
- [Determination of dynamics of blood coagulation factors using radioisotopes] Maekawa T, et al. *Jap J Clin Path* 16:Suppl 16:125+, 1969 (Jap)
- [Disseminated intravascular coagulation] Papilian M. *Stud Cercet Med Intern* 10:209-21, 1969 (70 ref.) (Rum)
- [Time of circulation and character of distribution of fibrinogen, labelled by I-131 in experiment] Laricheva NI, et al. *Probl Gemat* 12:45-9, Sep 67 (Rus)
- [Presence and content of the fibrinogen-I-131 complex in the blood stream after intravenous thrombin administration] Filinkov AF. *Vop Med Khim* 16:59-62, Jan-Feb 70 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al. *Vop Med Khim* 15:483-6, Sep-Oct 69 (Rus)
- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al. *Vop Pitn* 28:25-7, Jul-Aug 69 (Rus)
- [Fibrinogen metabolism in surgical trauma in healthy and in uremic persons] Ljungqvist U, et al. *Nord Med* 84:964-5, 23 Jul 70 (Swe)
- [Fibrinogen metabolism in experimental neoplasms] Peterson HI. *Nord Med* 84:965, 23 Jul 70 (Swe)

## PHARMACODYNAMICS

- Fibrinolytic activity in healing wound. Peterson HI, et al. *Acta Chir Scand* 135:649-52, 1969
- Experimental studies on the antigenic action of bioplast preparations. Horváth N, et al. *Acta Vet Acad Sci Hung* 19:191-5, 1969
- Catecholamines, disseminated intravascular coagulation and shock. *Med J Aust* 1:785-6, 18 Apr 70
- Effects of proteins and inorganic ions on the adhesiveness of human leucocytes to glass beads. Kvarstein B. *Scand J Clin Lab Invest* 24:41-8, Aug 69
- [The inhibition of thrombocyte aggregation in vitro and in vivo] Breddin K. *Folia Haemat (Leipzig)* 92:460-9, 1969 (Ger)
- [Effect of fibrinogen split products on the activity of blood coagulation factors II, V, VII, VIII and X in the plasma] Schimpf K, et al. *Klin Wschr* 47:391-3, 1 Apr 69 (Ger)
- [Immunological reactions of human thrombocytes in response to globulin loaded latex particles] Mueller-Eckhardt C, et al. *Z Ges Inn Med* 24:526-9, 15 Aug 69 (Ger)
- [Relation between the cytotoxic and electrokinetic effect of human serum on L cells and Yoshida hepatoma ascites cells] Boehmer H von, et al. *Z Naturforsch [B]* 25:205-12, Feb 70 (Ger)
- [On the mechanism of the thrombolytic action of streptokinase: penetration of the streptokinase into clots] Bizzl B, et al. *Minerva Med* 60:4918-22, 8 Dec 69 (Ita)
- [Influence of fibrinolysis on factor XIII assay] Suzuki H, et al. *Jap J Clin Path* 18:540-4, Aug 70 (Jap)
- [Immunologic tolerance of experimental guinea-pigs to dinitrophenol and serum protein conjugates] Ado VA. *Vestn Derm Vener* 44:44-7, May 70 (Rus)



# SUBJECT SECTION

# FIBRINOLYSIS

## PHYSIOLOGY

- The fibrinogen-fibrin system in human intracranial tumor tissues: an immunohistological study. Nabeshima S. Arch Jap Chir 38:597-611, 1 Jul 69
- Effect of an antifertility preparation on a fibrinogen-fibrinolysin system in vitro. Moses HA, et al. J Nat Med Ass 61:404-7, Sep 69
- Post-partum haemorrhage due to constitutional hypofibrinogenemia. Ratten GJ, et al. Med J Aust 2:1210-1, 13 Dec 69
- A story about a fiber. Blombäck B. Scand J Clin Lab Invest Suppl 107:179+, 1969
- A story about a fiber. Blombäck B. Scand J Clin Lab Invest 24:Suppl 107:179+, 1969
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al. Thromb Diath Haemorrh 22:223-33, 15 Nov 69
- [Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. Bull Soc Chim Biol (Paris) 51:635-48, 18 Sep 69 (Fre)
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Dayer J, et al. Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al. Rev Franc Etud Clin Biol 14:1028-31, Dec 69 (Fre)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)
- [Role of erythrocytes in blood coagulation] Gaertner H. Przegl Lek 25:649-52, 1969 (Pol)
- [The fibrinolytic activity of blood] Januszko T. Roczn Akad Med Marchlewski Suppl 22:1-74, 1969 (Pol)

## THERAPEUTIC USE

- Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. I. Heating by immersion in warm water. Copeland ES. Acta Radiol [Ther] (Stockholm) 9:205-24, Jun 70
- Fibrinogen-transmitted hepatitis in the surgical patient. Boeve NR, et al. Ann Surg 170:833-8, Nov 69
- The therapeutic application of the plasma substitute Physiolgel in anesthesiology and surgery. Tschirren B, et al. Bibl Haemat 33:494-517, 1969
- Acute fibrinolysis following craniotomy and removal of metastatic tumor of the cerebellum. Case report. MacGee EE, et al. J Neurosurg 32:578-80, May 70
- Diagnosis and treatment of immediate transfusion reaction. Baker RJ, et al. Surg Gynec Obstet 130:665-72, Apr 70
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didihselm P, et al. Thromb Diath Haemorrh 36:Suppl 36:215+, 1969
- Cryoprecipitates in treatment of congenital fibrinogen deficiency. Case report. Hattersley PG, et al. Transfusion 9:261-4, Sep-Oct 69
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. Bibl Haemat 32:298-304, 1969 (Ger)
- [Specific hemotherapy] Stich W. Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)
- [Clinical aspects and clinical course of a case of congenital hypofibrinogenemia] Kruse H, et al. Kinderarztl Prax 37:361-72, Aug 69 (Ger)
- [An histologically confirmed case of fatal amniotic fluid embolism] Doszpod J, et al. Zbl Gynaek 91:1510-6, 15 Nov 69 (Ger)
- [Hemophilia and other hemophilia-like diseases] Matsuoka S. Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)
- [Experimental immunological tolerance and specific inhibition of 2,4-dinitrochlorobenzene-induced allergic contact dermatitis by conjugates] Abo VA. Gig Tr Prof Zabol 14:15-9, Jun 70 (Rus)
- [A method of artificial thrombosis of arterial aneurysms using epsilon-aminocaproic acid and other coagulants in addition to regionally retarded circulation (preliminary report)] Khil'ko VA, et al. Vop Neirokhir 33:6-11, Jul-Aug 69 (Rus)
- [Problems of resuscitation in obstetrics] Baksheev NS, et al. Vop Okhr Materin Dets 14:54-60, Mar 69 (Rus)

## URINE

- Failure to detect evidence for intravascular coagulation during acute renal allograft rejection. Shehadeh IH, et al. Transplantation 9:74-6, Jan 70
- [Studies on chronic potassium deficiency in man. II. Analysis of kaliopenic proteinuria] Antoine B, et al. Rev Europ Etud Clin Biol 15:168-75, Feb 70 (Fre)
- [Fibrinuria in human renal transplantation] Antoine B, et al. Rev Franc Etud Clin Biol 14:744-53, Oct 69 (Fre)
- [Immunological studies on the excretion of fibrinogen fragments in the urine of patients with kidney transplants as possible sign of a graft rejection] Zühlke V, et al. Langenbecks Arch Chir 325:725-31, 1969 (Ger)

## FIBRINOLYSIS

- On the inhibition of a fibrinolytic enzyme from Aspergillus oryzae by serum. Lindvall S, et al. Acta Chem Scand 23:2165-74, 1969
- Studies in cryofibrinogenemia. Zlotnick A, et al. Acta Haemat (Basel) 42:8-17, 1969
- Effects of plasmin on human platelets. Fukutake K, et al. Acta Haemat Jap 32:58-62, Feb 69
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. Advances Immun 10:145-227, 1969 (743 ref.)
- A pedigree demonstrating the transmission of a Gm2,8,21 phenogroup. Steinberg AG, et al. Amer J Hum Genet 22:378-83, Jul 70
- Distribution of carbohydrate among the polypeptide chains and plasmin digest products of human fibrinogen. Mills DA, et al. Arch Biochem 135:28-35, Dec 69
- Permeability patterns in pig aorta. Klynstra FB, et al. Atherosclerosis 11:451-62, May-Jun 70
- Heterogeneity of human fibrinogen: possible relation to proteolysis by thrombin and plasmin as studies by SDS-polyacrylamide gel electrophoresis. Mills D, et al. Biochem Biophys Res Commun 40:206-11, 13 Jul 70
- A 81Br nuclear magnetic resonance study of bromide ion binding to proteins in aqueous solution. Zeppezauer M, et al. Biochem Biophys Res Commun 37:137-42, 24 Sep 69
- Structural studies of human gamma D myeloma protein. Spiegelberg HL, et al. Biochemistry (Wash) 9:2115-22, 12 May 70
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. Brit J Haemat 18:135-45, Feb 70
- Studies on plasminogen. VII. Mechanism of activation of bovine plasminogen. Hoepfinger LM, et al. Canad J Biochem 47:909-15, Oct 69
- A sensitive method for the determination of proteolytic activity in vitro by immunochemical quantitation of fibrinogen fragments. Ohlsson K. Clin Chim Acta 26:131-3, Oct 69
- Biologic and immunologic similarities between rat and human adrenocorticotropin (ACTH). Matsuyama H, et al. Endocrinology 87:756-63, Oct 70
- Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA. Enzymologia 38:57-81, 30 Jan 70
- DNA, a controlling factor in the conversion of plasminogen to plasmin. Hakim AA. Experientia 25:995-6, 15 Sep 69
- Reactivity of rat and man to egg-white. Ankler SI. Fortschr Arzneimittelforsch 13:340-94, 1969 (702 ref.)
- A simple method for purification of bovine plasminogen. Nagasawa S, et al. J Biochem (Tokyo) 66:273-5, Aug 69
- Relationship of staphylococcal toxins and enzymes with serological and phage types. Choudhuri KK, et al. J Clin Path 23:370-2, May 70
- Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. Hasegawa H, et al. Jap Heart J 11:258-68, May 70
- Studies on the interaction between streptokinase and fibrinolytic precursor in human blood applying gel filtration. Sugie I, et al. Nagoya Med J 15:103-12, Jul 69
- Role of plasmin for kinin formation in human plasma. Seidel G, et al. Naunyn Schmiedeberg Arch Pharm 264:305-6, 1969
- Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Back N, et al. Proc Soc Exp Biol Med 133:740-3, Mar 70



- Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest Suppl 107:37+, 1969
- Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest 24:Suppl 107:37+, 1969
- Quantitative determination of plasminogen. A caseinolytic method. Bruhn HD, et al.  
Thromb Diath Haemorrh 23:191-201, 1970
- Diffusion characteristics of human plasminogen (as shown by two agar diffusion techniques). Stuckey RJ, et al. Thromb Diath Haemorrh 22:240-50, 15 Nov 69
- Serum transfusion as a hemostatic procedure. Chiba Y. Tohoku J Exp Med 98:303-27, Aug 69
- Stability of immune serum globulin during storage: effects of prior heating. Art GP, et al. Vox Sang 17:419-33, Nov 69
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al. Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. Path Europ 4:Suppl 1:9-286, 1969 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al. Presse Med 77:1427-8, 4 Oct 69 (Fre)
- [Preparation and properties of active derivatives of the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al. Hoppe Seyler Z Physiol Chem 350:1531-40, Dec 69 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)
- [Crystallization of the Fc fragment from human IgG globulin obtained with plasmin] Haupt H, et al. Klin Wschr 47:270-2, 1 Mar 69 (Ger)
- [Selective concentration of staphylococcal "Panton-Valentine" leukocidine with aluminum oxide-cholesterol] Kanoe M, et al. Z Naturforsch [B] 24:1431-5, Nov 69 (Ger)
- [Analysis of antifibrinolytic activity of blood platelets] Abe T. Acta Haemat Jap 32:38-44, Feb 69 (Jap)
- [Studies on the process of fibrinogen breakdown by plasmin. I. Breakdown process of human fibrinogen by small or large amount of plasmin] Shinada S. J Jap Soc Intern Med 59:512-20, Jun 70 (Jap)
- [Findings in intracutaneous injection of eledoisin-like substance and physalaemin. Supplement: reaction and neuromorphological changes of the dermal peripheral nerves] Fujinami T, et al. Jap J Allerg 19:637-40, Aug 70 (Jap)
- [Relation between kinin formation and plasmin] Kimura Y, et al. Jap J Allerg 18:543-4, Jun 69 (Jap)
- [Lysis of thrombi and emboli by means of streptokinase. I. Activation of fibrinolysis, mechanism of plasmin activity, indications and contra-indications, treatment principles] Janda R, et al. Przegl Lek 25:701-5, 1969 (Pol)
- [The role of some polypeptides and protein derivatives in inflammation] Popescu E. Stud Cercet Med Intern 10:29-37, 1969 (21 ref.) (Rum)
- [Preparation of fibrinolysin blood] Rudykh OD, et al. Probl Gemat 13:57-8, Dec 68 (Rus)
- [The effect of heparin on fibrin clot stabilization] Rustamova BA, et al. Vop Med Khim 16:290-3, May-Jun 70 (Rus)
- [Effect of plasmin on the growth of various microorganisms in vitro] Molčanová H, et al. Bratisl Lek Listy 52:524-9, 1969 (Slo)

## ADMINISTRATION &amp; DOSAGE

- Experimental thrombolysis by perfusion. I. Reaction of the intestinal wall to plasmin infused intra-arterially. Bertelsen S, et al. Acta Chir Scand 135:482-5, 1969
- Enzymes for trauma. Miller RR, et al. Postgrad Med J 46:154-8, Mar 70 (24 ref.)
- Selective lysis of pulmonary clots. Sakakihara Y, et al. Surg Gynec Obstet 130:821-8, May 70
- [Regional perfusion in the treatment of acute phlebothrombosis] Lebedeva GK, et al. Khirurgiya (Moskva) 45:103-7, Jun 69 (Rus)
- [Complex treatment of acute venous thrombosis with the use of regional perfusion and infusion of anticoagulants and thrombolytic agents] Alekseev PP, et al. Sovet Med 32:17-21, 1969 (Rus)
- [Intraperitoneal administration of fibrinolysin and blood coagulation] Zhenchevskii RA. Sovet Med 32:32-6, Dec 69 (Rus)
- [Evaluation of topical fibrinolytic drug therapy in

erosive cervicitis] Lowenberg E, et al. Gynec Obstet Mex 26:235-40, Aug 69 (Spa)

## ADVERSE EFFECTS

- Experimental thrombolysis by perfusion. I. Reaction of the intestinal wall to plasmin infused intra-arterially. Bertelsen S, et al. Acta Chir Scand 135:482-5, 1969

## ANALYSIS

- The control of plasminogen and plasmin during thrombolytic therapy. Blix S. Acta Med Scand 186:479-82, Nov 69
- Blood fibrinolytic activity in skin diseases. Menon IS, et al. Angiologica (Basel) 7:39-43, 1970
- Fibrinolytic activity of shunt arterial blood in patients on regular dialysis treatment. Rastogi SP, et al. Angiologica (Basel) 7:20-4, 1970
- Polymyxin-coagulase-mannitol-agar. I. A selective isolation medium for coagulase-positive Staphylococci. Orth DS, et al. Appl Microbiol 19:73-5, Jan 70
- Localization of fibrinolytic activity in human skin. Turner RH, et al. Biorheology 6:263, Jan 70
- Studies on protein fractions isolated from human plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. Brit J Haemat 18:29-44, Jan 70
- Phenformin and stanazolol in blood fibrinolytic activity. Menon IS, et al. Brit Med J 1:428, 14 Feb 70
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. Canad J Physiol Pharmacol 47:935-40, Nov 69
- Coagulation disorders in cancer. 3. Fibrinolysis and inhibitors. Soong BC, et al. Cancer 25:867-74, Apr 70
- Changes in the activity of blood plasmin after administration of 3-pyridyl acetic acid in leprosy patients. Correlation of activity changes with the Mitsuda reaction. Audier AG. Int J Leprosy 36:405-12, Oct-Dec 68
- Thromboplastic and fibrinolytic activity in lungs of some mammals. Astrup T, et al. Lab Invest 22:381-6, May 70
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al. New Eng J Med 283:663-8, 24 Sep 70
- Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Hedner U, et al. Scand J Clin Lab Invest 25:329-36, Jun 70
- The preparation and evaluation of a standardized fibrin plate for the assessment of fibrinolytic activity. Bishop R, et al. Thromb Diath Haemorrh 23:202-10, 1970
- Serum transfusion as a hemostatic procedure. Chiba Y. Tohoku J Exp Med 98:303-27, Aug 69
- [A new quick and sensitive method for analysis of fibrin metabolism products in serum--theoretic and practical meaning] Gormsen J. Nord Med 84:999, 30 Jul 70 (Dan)
- [Control of plasminemia in the coagulation in arterial surgery] Courbier R, et al. Aggressologie 10:493-7, 1969 (Fre)
- [Evaluation of lytic potential in the control of pre- and post-operative coagulation] Courbier R, et al. Marseille Med 107:137-9, 1970 (Fre)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. Folia Haemat (Leipzig) 92:7-19, 1969 (Ger)
- [The fibrinolytic activity of human tissues] Perlewitz J, et al. Folia Haemat (Leipzig) 92:46-50, 1969 (Ger)
- [Fibrinolysis of pleural exudates] Blatný J, et al. Z Erkr Atmungsorgane 131:39-42, 1969 (Ger)
- [Determination of the fibrinolytic activity of the normal and pathologic parenchyma of the tonsils] Ottaviani A, et al. Arch Ital Otol 79:51-61, Jan-Feb 68 (Ita)
- [Importance of the kidney in coagulo-fibrinolytic homeostasis. Preventive therapy of thromboembolic complications] Parodi A, et al. Clin Ter 51:453-64, Dec 69 (Ita)
- [Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al. G Clin Med 50:684-98, Aug 69 (Ita)
- [Fibrinolytic activity of the capillary blood after venous stasis] Bizzi B, et al. Policlinico [Prat] 76:1195-8, 15 Sep 69 (Ita)
- [Metastasis of cancer and blood coagulation system]



# SUBJECT SECTION

## FIBRINOLYSIS

### BIOSYNTHESIS

- Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al.  
*J Clin Invest* 48:1786-801, Oct 69  
 [Liver function tests and enzymes] Yamamura Y.  
*Iryo* 23:855-65, Jul 69 (Jap)

### BLOOD

- Blood fibrinolytic activity and thermometry in patients with collagen vascular disease and response to treatment. Cunliffe WJ, et al.  
*Biorheology* 6:260, Jan 70  
 [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Glarola PA, et al.  
*Arzneimittelforschung* 20:234-6, Feb 70 (Ger)  
 [Kinin derivatives and plasmin] Fujii S, et al.  
*J Jap Med Ass* 63:924-32, 1 Apr 70 (Jap)  
 [Kinin derivatives and allergy] Kimura Y.  
*J Jap Med Ass* 63:941-6, 1 Apr 70 (Jap)  
 [Cholesteringranuloma in the mastoid cavity (blue drum membrane, or idiopathic haematotympanum)] Watanabe Y, et al.  
*J Otolaryng Jap* 72:2035-48, Nov 69 (Jap)  
 [Activation of plasmin in human blood] Kotschy M.  
*Postepy Hig Med Dosw* 24:231-89, Mar-Apr 70 (Pol)  
 [Effect of trasylol on fibrinolytic activity of tissues] Malusina IB.  
*Farmakol Toksik* 32:628-31, Sep-Oct 69 (Rus)

### CEREBROSPINAL FLUID

- Fibrinolytic activity of human brain and cerebrospinal fluid. Takashima S, et al.  
*Brit J Exp Path* 50:533-9, Dec 69

### ISOLATION & PURIFICATION

- [Separation of plasminogen and plasmin by DEAE Sephadex A-50 column chromatography] Tozawa Y, et al.  
*Jap J Clin Path* 18:571-4, Aug 70 (Jap)  
 [Achievement and clinical study of preparation plasmin, activated by urokinase] Stasiuk NS.  
*Probl Gemat* 12:37-9, Sep 67 (Rus)

### METABOLISM

- Influence of an enzyme from *aspergillus oryzae*, protease I, on some components of the fibrinolytic system. Klessling H, et al.  
*Acta Chem Scand* 24:569-79, 1970  
 The fibrinolysin system in human skin. Turner RH.  
*Biorheology* 6:258, Jan 70  
 Chlorpromazine photosensitivity in mice: its action spectrum and the effect of anti-inflammatory agents. Hunter JA, et al.  
*Brit J Derm* 82:157-68, Feb 70  
 Effect of mercuric chloride on the arterial blood pressure of dogs. Worowski K, et al.  
*Bull Acad Pol Sci [Biol]* 17:349-51, 1969  
 Fibrinolytic agents. Sherry S. *DM* 3-32, May 69 (29 ref.)  
 Substrate specificities of kinin releasing enzymes: hog pancreatic kallikrein and snake venom kininogenase. Kato H, et al.  
*J Biochem (Tokyo)* 68:9-17, Jul 70  
 Influence of dietary trans,trans-linoleate on hematologic and hemostatic properties of rat blood. Raccuglia G, et al.  
*Lipids* 5:85-9, Jan 70  
 Activity of kinin-releasing enzymes in the mammary gland of rats administered with hormones and bacterial extracts. Motol Y, et al.  
*Nat Inst Anim Health Quart (Tokyo)* 10:26-33, Spring 70  
 Slow activation of factor VIII by thrombin and other enzymes at low temperature. Ozge-Anwar AH.  
*Scand J Haemat* 7:5-9, 1970  
 New tests for the diagnosis of consumption coagulopathy. Niewiarowski S.  
*Thromb Diath Haemorrh* 36:Suppl 36:277-9, 1969  
 A study of staphylococci isolated from the upper respiratory tract of different animal species. Hájek V, et al.  
*Zbi Bakt [Orig]* 212:60-73, Dec 69  
 [Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al.  
*Rev Europ Etud Clin Biol* 15:333-42, Mar 70 (Fre)  
 [Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E.  
*Folia Haemat (Leipzig)* 92:20-7, 1969 (Ger)

- Shimada N, et al.  
*J Jap Med Ass* 62:1097-102, 1 Dec 69 (Jap)  
 [Hemolytic complement activity in the synovial fluid of patients with rheumatoid arthritis] Abe M.  
*J Jap Orthop Ass* 44:271-81, Apr 70 (Jap)  
 [Defibrination syndrome in obstetrics] Soma H, et al.  
*Jap J Clin Path* 17:843-9, Nov 69 (Jap)  
 [Studies on proteolytic enzymes in human prostate and seminal plasma] Naito J.  
*Jap J Leg Med* 23:253-61, May 69 (Jap)  
 [Studies on fluidity of blood on the basis of fibrinolysis. 6. Relationship of fluidity to plasmin of blood in sudden and instantaneous deaths and also those from asphyxiation] Ueno S.  
*Jap J Leg Med* 23:98-116, Mar 69 (Jap)  
 [Correlation between blood lipids and fibrinogen and fibrinolytic activity during acute fasting in obese patients] Dumitrescu C, et al.  
*Med Intern (Bucur)* 21:1093-101, Sep 69 (Rum)  
 [Studies of the changes of fibrinolytic activity in rheumatic diseases] Dutu A, et al.  
*Med Intern (Bucur)* 22:189-98, Feb 70 (Rum)  
 [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsuk AI.  
*Kardiologiya* 9:21-8, Sep 69 (Rus)  
 [Changes in the coagulating and anticoagulating systems of the blood in uterine cervix cancer patients following administration of massive doses of thio-TEPA] Kuliev ShB, et al.  
*Vop Onkol* 15:49-54, 1969 (Rus)

### ANTAGONISTS & INHIBITORS

- Fibrinolysis in human fetuses. Ekelund H, et al.  
*Acta Paediat Scand* 59:369-76, Jul 70  
 Activation of coagulase clotting by trypsin inhibitor. Orth DS, et al.  
*Appl Microbiol* 18:906-10, Nov 69  
 The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al.  
*Brit J Haemat* 18:575-84, May 70  
 Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al.  
*Brit Med J* 1:260-3, 2 May 70  
 Biological activities of leupeptins. Aoyagi T, et al.  
*J Antibiot (Tokyo)* 22:558-68, Nov 69  
 C1 inactivator inhibition by plasmin. Harpel PC.  
*J Clin Invest* 49:568-75, Mar 70  
 The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al.  
*Rev Europ Etud Clin Biol* 15:442-3, Apr 70  
 The fibrinolytic enzyme system of human blood plasma in pregnancy. Lauritsen OS.  
*Scand J Clin Lab Invest* 23:191-6, May 69  
 Inhibition of plasminogen activation and plasmin activity after euglobulin precipitation and acidification of plasma. Lauritsen OS.  
*Scand J Clin Lab Invest* 23:121-3, Apr 69  
 Studies on proactivator activity in human blood. Lauritsen OS.  
*Scand J Clin Lab Invest* 23:129-36, Apr 69  
 Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD.  
*Thromb Diath Haemorrh* 23:486-99, 30 Jun 70  
 Tissue damage in disseminated intravascular coagulation—mechanisms of localization of thrombi in the microcirculation. McKay DG.  
*Thromb Diath Haemorrh* 36:Suppl 36:67-81, 1969  
 Have the platelet antiheparin and antiplasmin activities the same support? Moriau M.  
*Thromb Diath Haemorrh* 22:403-7, 15 Nov 69  
 [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al.  
*Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)  
 [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al.  
*Folia Haemat (Leipzig)* 92:78-83, 1969 (Ger)  
 [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M.  
*Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)  
 [Blood coagulation system in thrombelastographic findings in bronchial asthma] Zola-Slęczek E, et al.  
*Pol Tyg Lek* 25:1083-5, 20 Jul 70 (Pol)  
 [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al.  
*Vop Med Khim* 16:161-8, Mar-Apr 70 (Rus)



- [Endogenous and exogenous fibrinolysis] Perlick E, et al. *Folia Haemat (Leipzig)* 92:28-32, 1969 (Ger)
- [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al. *Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)
- [Enzyme activity of the synovial membrane and fluid] Hoshino T. *Acta Med (Fukuoka)* 39:172-88, May 69 (Jap)
- [Activation of plasmin in human blood] Kotschy M. *Postepy Hig Med Dosw* 24:231-89, Mar-Apr 70 (Pol)
- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al. *Vop Pitn* 28:25-7, Jul-Aug 69 (Rus)

## PHARMACODYNAMICS

- Immunological quantitative method for fibrinolytic split products and its clinical use. Seo M. *Acta Haemat Jap* 32:406-16, Jun 69
- Coagulation and metabolic changes during hemorrhagic shock. Bit-Alkhas Irani B, et al. *Angiology* 21:161-71, Mar 70
- The effect of plasmin on the facility of outflow in cynomolgus monkeys. Perkins ES, et al. *Exp Eye Res* 8:386-96, Oct 69
- C1 inactivator inhibition by plasmin. Harpel PC. *J Clin Invest* 49:568-75, Mar 70
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. *J Lab Clin Med* 75:93-108, Jan 70
- The cytotoxic effect of plasmin on Yoshida sarcoma cells. Hilgard P, et al. *Rev Franc Etud Clin Biol* 14:902-4, Nov 69
- The quantitation of fibrinogen or fibrin split products. Some critical remarks. Merskey C. *Thromb Diath Haemorrh* 36:Suppl 36:195, 1969
- [Inactivation of adrenocorticotrophic hormone (ACTH). I. Inactivation of ACTH in the normal human plasma, and relationship between the structure and stability of ACTH] Matsuyama H. *Folia Endocr Jap* 45:163-72, 20 May 69 (Jap)
- [Influence of fibrinolysis on factor XIII assay] Suzuki H, et al. *Jap J Clin Path* 18:540-4, Aug 70 (Jap)
- [On the biological properties of some fibrinogen degradation products (FDP)] Malofiejew M. *Roczn Akad Med Marchlewski Suppl* 23:1-65, 1969 (Pol)
- [Clinical analysis of the effect of fibrinolysed and preserved donor blood in patients with anemia] Al'perin PM, et al. *Probl Gemat* 13:3-6, Apr 68 (Rus)
- [Morphohistochemical characteristics of the eye membranes of pigs in the subconjunctival introduction of various doses of fibrinolysin] Kolushchinskaja RF, et al. *Vestn Oftal* 80:79-81, 1967 (Rus)

## PHYSIOLOGY

- Fibrinolytic agents. Sherry S. *DM* 3-32, May 69 (29 ref.)
- Effect of an antifertility preparation on a fibrinogen-fibrinolysin system in vitro. Moses HA, et al. *J Nat Med Ass* 61:404-7, Sep 69
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M. *Path Europ* 4:Suppl 1:9-286, 1969 (Fre)
- [Enzyme chemistry of kinin releasing mechanism] Suzuki Y, et al. *J Jap Med Ass* 63:913-20, 1 Apr 70 (Jap)

## THERAPEUTIC USE

- Experimental thrombolysis by perfusion. II. Comparative study on the effect of streptokinase, urokinase and plasmin. Egeblad K, et al. *Acta Chir Scand* 135:486-90, 1969
- Prevention of hemorrhagic pancreatitis with fibrinolysin or heparin. Wright PW, et al. *Arch Surg (Chicago)* 100:42-6, Jan 70
- Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs. Safar J, et al. *J Surg Res* 9:649-56, Nov 69
- Bites by the brown spiders *Loxosceles unicolor* and *Loxosceles arizonica* in California and Arizona. Russell FE, et al. *Toxicon* 7:109-17, Sep 69
- The treatment of clotted Quinton-Scribner cannulae by thrombolysin infusion. Rashid A, et al. *Vasc Surg* 4:30-8, Mar 70

- [Enzymes used as drugs] Bar D. *Lille Med* 15:827-47, May 70 (Fre)
- [Use of proteolytic enzymes in gynecology and obstetrics] Dumont M, et al. *Lyon Med* 222:897-9, 16 Nov 69 (Fre)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Effect of combined therapy with lysosome labilizer and antineoplastic agents with reference to increased effect of mitomycin C by lipoprotein lipase] Nilitani H, et al. *Saishin Igaku* 25:172-6, 10 Jan 70 (Jap)
- [Thrombolytic treatment of arterial occlusion (in the light of 2 observed cases)] Król W, et al. *Pol Tyg Lek* 25:489-91, 6 Apr 70 (Pol)
- [The treatment of acute arterial thrombosis and embolism of the extremities with thrombolytic preparations] Drevina AI, et al. *Khirurgia (Moskva)* 45:26-30, Jun 69 (Rus)
- [Cerebral embolism after electric depolarization of a patient with cardiac fibrillation treated with fibrinolysin] Serkina AV, et al. *Klin Med (Moskva)* 47:149-50, Nov 69 (Rus)
- [Application of fibrinolysin in the treatment of frostbite] Ivanova NP, et al. *Ortop Travm Protez* 31:50-1, Mar 70 (Rus)
- [Achievement and clinical study of preparation plasmin, activated by urokinase] Stasiuk NS. *Probl Gemat* 12:37-9, Sep 67 (Rus)
- [Emergency aid in acute coronary and cardiac insufficiency with the use of new drugs] Fialko VA, et al. *Sovet Med* 32:12-5, Apr 69 (Rus)
- [On the clinical picture and pathogenesis of lesions of the nervous system following pulmonary artery thrombosis] Martynov IuS, et al. *Zh Nevropat Psikhiat Korsakov* 69:1132-7, 1969 (Rus)
- [Treatment of leg ulcers with plasmin and antibiotics] Uhrík J, et al. *Bratisl Lek Listy* 52:709-13, 1969 (Slo)
- [Current therapy of thromboembolism with thrombolytic agents] Radojčić B, et al. *Vojnosanit Pregl* 26:350-4, Jul-Aug 69 (Cro)

## FIBRINOLYSIS

- Fibrinolytic activity in healing wound. Peterson HI, et al. *Acta Chir Scand* 135:649-52, 1969
- Coagulation and fibrinolysis in chronic panniculitis. Isacson S, et al. *Acta Dermatovenere (Stockholm)* 50:213-7, 1970
- Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al. *Acta Haemat (Basel)* 43:65-72, 1970
- Thromboelastographic studies in polycythemia vera. Nagy G, et al. *Acta Med Acad Sci Hung* 26:271-4, 1969
- Some observations on the fibrinolytic activity of blood corporeal elements and vessel walls. Matsuoka M, et al. *Acta Med Biol (Nagata)* 17:231-5, Dec 69
- Studies on fibrinolytic activities in pathologic cells of various types of leukemia. Matsuoka M, et al. *Acta Med Biol (Nagata)* 17:251-7, Mar 70
- Various aspects of thrombolysis and fibrinolysis. Szirmai E. *Acta Med Okayama* 23:429-47, Oct 69
- Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Gibiński K, et al. *Acta Med Pol* 11:97-101, 1970
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. *Acta Obstet Gynec Scand* 48:392-404, 1969
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:405-15, 1969
- Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:505-22, 1969
- Influence of pre-eclampsia upon coagulation and fibrinolysis in women and their newborn infants immediately after delivery. Nielsen NC. *Acta Obstet Gynec Scand* 48:523-41, 1969
- Fibrinolytic activity in "dry socket". Birn H. *Acta Odont Scand* 28:37-58, Mar 70
- Fibrinolysis in human fetuses. Ekelund H, et al. *Acta Paediat Scand* 59:369-76, Jul 70



- Fibrinolysis in newborns. Ekelund H, et al. *Acta Paediat Scand* 59:33-43, Jan 70
- Fibrinogen and fibrinolysis in the respiratory distress syndrome: observation during the first day of life. Karitzky D, et al. *Acta Paediat Scand* 59:281-7, May 70
- Spontaneous and experimental thrombosis in the mouse placenta. Moe N. *Acta Path Microbiol Scand* 77:653-75, 1969
- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:741, 1969 (112 ref.)
- Blood-fibrinolysis and activity of rheumatoid arthritis. Andersen RB, et al. *Acta Rheum Scand* 15:178-84, 1969
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. *Advances Immun* 10:145-227, 1969 (743 ref.)
- Local fibrinolytic activity in the pregnant uterus. Basu HK, et al. *Amer J Obstet Gynec* 107:1188-94, 15 Aug 70
- Fibrinolytic activity in cervical and endometrial neoplasia. Zeller J, et al. *Amer J Obstet Gynec* 107:1071-8, 1 Aug 70
- Thromboplastin and plasminogen activator in tissues of the rabbit. Glas P, et al. *Amer J Physiol* 219:1140-6, Oct 70
- Bodily defenses against thrombosis. Takats G de, et al. *Amer J Surg* 120:73-81, Jul 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70
- Immunologic aspects of plasminogen. Sachs V, et al. *Angiology* 21:1-4, Jan 70
- Amphetamine intoxication with coagulopathy, hyperthermia, and reversible renal failure. A syndrome resembling heatstroke. Ginsberg MD, et al. *Ann Intern Med* 73:81-5, Jul 70
- Fibrinolytic and fibrin stabilizing activity of synovial membranes. Andersen RB, et al. *Ann Rheum Dis* 29:287-93, May 70
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70
- Coagulation defects and bleeding in open-heart surgery. Signori EE, et al. *Ann Thorac Surg* 8:521-9, Dec 69
- Fibrin-fibrinogen degradation products in sera of normal infants and children. Utley WS, et al. *Arch Dis Child* 44:761-4, Dec 69
- The influence of ischemia of the brain and transplanted kidney on fibrinolytic activity. Baciu I, et al. *Arch Immun Ther Exp* 18:195-200, 1970
- Fibrinolytic activity in serosal and synovial membranes. Rats, guinea pigs, and rabbits. Myrhe-Jensen O, et al. *Arch Path (Chicago)* 88:623-30, Dec 69
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. *Arch Surg (Chicago)* 101:62-8, Jul 70
- Disseminated intravascular coagulation and fibrinolysis. Duffey PH. *Arizona Med* 27:88-9, Apr 70
- Coagulation changes following hepatic circulatory arrest in dogs. Brockis JG, et al. *Aust New Zeal J Surg* 39:71-5, Aug 69
- Special indications for gelatin plasma substitutes in gynecology. Pfelfer GW. *Bibl Haemat* 33:534-5, 1969
- Fibrinolytic activity and the skin. Kurban AK. *Brit J Derm* 82:76-7, Jan 70 (20 ref.)
- The effect of Arvin on experimental immune arthritis in rabbits. Ford PM, et al. *Brit J Exp Path* 51:81-6, Feb 70
- Fibrinolytic activity of human brain and cerebrospinal fluid. Takashima S, et al. *Brit J Exp Path* 50:533-9, Dec 69
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. *Brit J Haemat* 18:135-45, Feb 70
- Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al. *Brit J Haemat* 17:431-43, Nov 69
- The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al. *Brit J Haemat* 18:575-84, May 70
- Defibrination in normal and abnormal parturition. Kleiner GJ, et al. *Brit J Haemat* 19:159-78, Aug 70
- The effect of arvin on experimental pulmonary embolism in the rabbit. Olsen EG, et al. *Brit J Haemat* 17:425-9, Nov 69
- Studies on the haemostatic mechanism following exercise. Prentice CR, et al. *Brit J Haemat* 17:611, Dec 69
- The extraction and separation of activators and inhibitors of fibrinolysis from bovine endothelium and mesothelium. Pugatch EM, et al. *Brit J Haemat* 18:669-81, Jun 70
- Increased prothrombin conversion: a new activity of lysed fibrinogen. Triantaphyllopoulos DC, et al. *Brit J Haemat* 18:127-34, Feb 70
- The fibrinolytic system with special reference to its relevance to oral surgery. Wedgwood D. *Brit J Oral Surg* 8:82-92, Jul 70
- Fibrin degradation products in sera of women with normal menstruation and menorrhagia. Basu HK. *Brit Med J* 1:74-5, 10 Jan 70
- Coagulation and fibrinolytic mechanisms during and after normal childbirth. Bonnar J, et al. *Brit Med J* 2:200-3, 25 Apr 70
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al. *Brit Med J* 1:564-7, 6 Jun 70
- Fibrinolysis and toxemia of pregnancy. Coopland AT. *Brit Med J* 4:688-9, 13 Dec 69
- Serum lipids, typing, fibrinolysis, and smoking. Dalderup LM, et al. *Brit Med J* 1:223, 25 Jul 70
- Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Henderson AH, et al. *Brit Med J* 3:545-7, 5 Sep 70
- Fibrinolytic activity in pregnancy. Menon IS. *Brit Med J* 2:239, 25 Apr 70
- Fibrin degradation products and menstruation. Menon IS. *Brit Med J* 1:564-5, 28 Feb 70
- Fibrinolysis and toxemia of pregnancy. Wardle EN. *Brit Med J* 1:175, 17 Jan 70
- Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al. *Brit Med J* 1:260-3, 2 May 70
- Postoperative fibrinolysis. Whitaker RH, et al. *Brit Med J* 1:238-9, 24 Jan 70
- Fibrinolysis and menstrual bleeding. *Brit Med J* 1:61-2, 10 Jan 70
- Effect of mercuric chloride on the arterial blood pressure of dogs. Worowski K, et al. *Bull Acad Pol Sci [Biol]* 17:349-51, 1969
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. *Canad J Physiol Pharmacol* 47:935-40, Nov 69
- New assay of fibrinolytic activity as a continuous rate reaction. Roschlau WH, et al. *Canad J Physiol Pharmacol* 48:61-8, Jan 70
- Coagulation disorders in cancer. 3. Fibrinolysis and inhibitors. Soong BC, et al. *Cancer* 25:867-74, Apr 70
- Dynamic blood coagulation and viscosity and degradation of artificial thrombi in patients with hypertension. Dintenfass L, et al. *Cardiovasc Res* 4:50-60, Jan 70
- Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Rosing DR, et al. *Circ Res* 27:171-84, Aug 70
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. *Clin Sci* 38:15P, Mar 70
- Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1:51, Jan 70 (114 ref.)
- Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA. *Enzymologia* 38:57-81, 30 Jan 70
- Fibrinolysis, thromboplastin activity and localization of radiolabeled fibrinogen in experimental tumors. Hilgard P, et al. *Europ J Cancer* 6:157-8, Apr 70
- Fibrinogen metabolism in experimental tumours. Peterson HI, et al. *Europ J Cancer* 5:535-42, Dec 69
- Fibrinolytic system, fibrinogen degradation products and soluble fibrin monomer complexes of renal venous and aortal blood. Nowak A, et al. *Experientia* 25:996-7, 15 Sep 69
- Fibrinolytic activity of rat uterine fluid. Rasmussen J, et al. *Experientia* 26:841-2, 15 Aug 70
- Intravascular fibrinolysis in the treatment of third-degree burns. Weber G, et al. *German Med Monthly* 14:592 passim, Dec 69
- Epsilon-aminocaproic acid therapy in ulcerative colitis. Salter RH, et al. *Gut* 11:585-7, Jul 70
- Fibrinolysis in colonic disease. Swan CH, et al. *Gut* 11:588-91, Jul 70
- Histochemical study of the changes in endometrial fibrinolytic activity during treatment of menometrorrhagia with antifibrinolytics. Koutsky J, et al. *Gynaecologia (Basel)* 168:241-7, 1969



- Assessment of immuno-gel diffusion technique and fibrin degradation flocculation test in fibrinolysis investigations. Singh G.  
*Indian J Med Res* 57:1261-7, Jul 69
- Fibrinolysis mechanism in cardio-pulmonary surgery. Singh G, et al. *Indian J Med Res* 57:2197-202, Dec 69
- Studies on fibrinolytic activity. 3. Fibrinolytic activity in liver diseases. Chandra D, et al.  
*Indian J Med Sci* 23:610-5, Nov 69
- Fibrinolytic activity in acute renal failure. Sharma SD, et al. *Indian J Med Sci* 23:371-3, Jul 69
- Blood fibrinolytic activity in diabetes mellitus. Sharma SD, et al. *Indian J Med Sci* 23:366-70, Jul 69
- Hemostatic mechanism in uremia. Singh G, et al. *Indian J Med Sci* 23:387-94, Jul 69
- Complement dependent cytotoxic autoantibodies in patients with acute leukaemia following fibrinolytic therapy by protease 1 of *aspergillus oryzae*. Thornes RD, et al. *Irish J Med Sci* 3:107-14, Mar 70
- Resting levels of fibrinolysis in blood in inactive and exercising men. Moxley TR, et al.  
*J Appl Physiol* 28:549-52, May 70
- Cholesterol, platelets adhesiveness and fibrinolytic activity in ischaemic heart disease. Gupta KK.  
*J Ass Physicians India* 17:323-31, May 69
- A syndrome of cutaneous vasculitis associated with decreased fibrinolytic activity. Menon IS, et al.  
*J Ass Physicians India* 17:739-43, Dec 69
- Lipids and fibrinolytic activity in normal fasting human plasma. Rao AR, et al.  
*J Ass Physicians India* 17:25-7, Jan 69
- Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al.  
*J Clin Invest* 48:1786-801, Oct 69
- Partial purification and properties of a plasminogen activator from human erythrocytes. Semar M, et al.  
*J Clin Invest* 48:1777-85, Oct 69
- Reaction pattern to three stresses--electroplexy, surgery, and myocardial infarction--of fibrinolysis and plasma fibrinogen. Chakrabarti R, et al.  
*J Clin Path* 22:659-62, Nov 69
- Serum fibrinolytic activity and recalcified plasma clotting time in ischaemic heart disease. Arora A, et al. *J Indian Med Ass* 53:477-82, 16 Nov 69
- Fibrinolytic activity in human skin following epidermal injury. Turner RH, et al.  
*J Invest Derm* 53:458-62, Dec 69
- Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinopeptide B. Herzig RH, et al.  
*J Lab Clin Med* 76:451-65, Sep 70
- Acute fibrinolysis following craniotomy and removal of metastatic tumor of the cerebellum. Case report. MacGee EE, et al. *J Neurosurg* 32:578-80, May 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al.  
*J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- A comparative study of blood fibrinolytic activity in normal women, pregnant women and women on oral contraceptives. Menon IS, et al.  
*J Obstet Gynaec Brit Comm* 77:752-6, Aug 70
- Coagulation studies in the hemolytic-uremic syndrome. Avalos JS, et al. *J Pediatr* 76:538-48, Apr 70
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Altar S, et al.  
*J Trauma* 9:939-65, Nov 69
- Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. Hasegawa H, et al.  
*Jap Heart J* 11:258-68, May 70
- Preparation of plasminogen - free fibrinogen; starting from fibrinogen prepared by improved freezing thawing method. Sato T, et al.  
*Jap J Exp Med* 39:135-42, Apr 69
- Relationship between anaphylactic shock and fibrinolysis (a supplemental study). Ishizu H.  
*Jap J Leg Med* 23:230-40, May 69
- Relationship between anaphylactic shock and fibrinolysis. Ishizu H. *Jap J Leg Med* 23:218-29, May 69
- Fibrinolytic activity of leukemic cells. Watanabe K. *Kelo J Med* 19:47-59, Mar 70
- Estimation of euglobulin lysis time using a time-saving recorder. Menon IS, et al.  
*Lab Pract* 18:1186-7 passim, Nov 69
- Streptokinase for pulmonary embolism. Carmichael JH, et al. *Lancet* 2:418-9, 22 Aug 70
- Impaired fibrinolytic response to exercise in patients with type-IV hyperlipoproteinaemia. Epstein SE, et al. *Lancet* 2:631-4, 26 Sep 70
- Effect of smoking on blood-clotting and lipid and lipoprotein levels. Pozner H, et al.  
*Lancet* 760:1318-21, 20 Jun 70
- Evaluation of the hemostatic mechanism. Bowie EJ, et al. *Med Clin N Amer* 54:889-902, Jul 70
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Management of pulmonary embolism. Silver D, et al. *Med Clin N Amer* 54:361-77, Mar 70 (82 ref.)
- Liver trauma Royal Melbourne Hospital experience, 1956 to 1969. Hardy KJ. *Med J Aust* 1:929-32, 9 May 70
- Fibrinolysis in skin allograft. Mitsui T.  
*Nagoya Med J* 15:203-22, Dec 69
- Separation of SK-plasminogen-complex in sera and euglobulin solution of cat and monkey by gel filtration using sephadex G-200. Nitta H, et al.  
*Nagoya Med J* 15:93-102, Jul 69
- Studies on the interaction between streptokinase and fibrinolytic precursor in human blood applying gel filtration. Sugie I, et al. *Nagoya Med J* 15:103-12, Jul 69
- Hyperfibrinolysis in cirrhosis. Boyett JD, et al.  
*Nebraska Med J* 55:230-6, Apr 70
- Clotting changes, including disseminated intravascular coagulation, during rapid renal-homograft rejection. Starzl TE, et al. *New Eng J Med* 283:383-90, 20 Aug 70
- A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.  
*New Eng J Med* 283:663-8, 24 Sep 70
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. *Obstet Gynec* 35:690-4, May 70
- Biochemical activity of coagulase positive *Staphylococci* isolated from cases and carriers. Bhaskaran CS, et al.  
*Path Microbiol (Basel)* 33:39-43, 1969
- Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipiński B, et al.  
*Path Microbiol (Basel)* 34:295-304, 1969
- Changes in fibrin-stabilizing factor levels in relation to maternal hemorrhage and neonatal disease. Ambrus CM, et al. *Pediatr Res* 4:82-8, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Chessells JM, et al.  
*Pediatrics* 45:155, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Ekelund H, et al.  
*Pediatrics* 45:156-7, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Ekert H. *Pediatrics* 45:154-5, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Glüchricht GS.  
*Pediatrics* 45:158, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Hathaway WE.  
*Pediatrics* 45:154, Jan 70
- Fibrin split products in serum of newborn: possible technical errors. Karpatkin M.  
*Pediatrics* 45:157-8, Jan 70
- Pharmacological fibrinolysis in occlusive vascular disease and its relation to diabetes mellitus. Fearnley GR. *Postgrad Med J* 45:52-62, May 69
- Is there a place for proteinase inhibition? A review of the literature. Lister GD.  
*Postgrad Med J* 45:571-3, Aug 69 (42 ref.)
- Preliminary report of beneficial effect of phenformin in combination with ethyloestrenol in treatment of cutaneous vasculitis and Behçet's syndrome. Menon IS, et al. *Postgrad Med J* 45:62-6, May 69
- A test for fibrinolytic capacity. De Takats G, et al.  
*Proc Inst Med Chicago* 28:125, May 70
- Measurement during fibrinolytic therapy. McNicol GP.  
*Proc Roy Soc Med* 62:1131-3, Nov 69
- The generalized Schwartzman phenomenon in rabbits with denervated kidneys. Klassen J, et al.  
*Proc Soc Exp Biol Med* 134:980-4, Sep 70
- Congenital factor XIII deficiency and increased fibrinolysis. A case report. Hathirat P, et al.  
*Rocky Mountain Med J* 67:39-42, Jun 70
- Acute haemorrhagic syndrome due to intravascular coagulation. Zosin P, et al.  
*Rom Med Rev* 13:16-22, Jul-Sep 69
- Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Hedner U, et al. *Scand J Clin Lab Invest* 25:329-36, Jun 70
- The fibrinolytic enzyme system of human blood plasma



# SUBJECT SECTION

# FIBRINOLYSIS

- in pregnancy. Lauritsen OS.  
Scand J Clin Lab Invest 23:191-6, May 69
- Fibrinolytic activity in the normal and inflamed rectal mucosa. Kwaan HC, et al.  
Scand J Gastroent 4:441-5, 1969
- The activator time. A method for control of activator activity during thrombolytic therapy. Blix S.  
Scand J Haemat 6:221-6, 1969
- Metformin and fibrinolysis. Heikinheimo R.  
Scand J Haemat 6:288-90, 1969
- Catheter material and blood coagulation studies in vitro. Jacobsson B, et al. Scand J Haemat 6:386-94, 1969
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J.  
Scand J Haemat Suppl 11:1+, 1970
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J.  
Scand J Haemat 6:343-7, 1969
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al.  
Scand J Urol Nephrol 3:23-9, 1969
- Effect of trauma on the intravascular fibrinolytic activator. McGregor FH Jr, et al.  
Surg Forum 20:44-6, 1969
- Fibrinolytic activity of mesothelial surfaces. Porter JM, et al. Surg Forum 20:80-2, 1969
- The mechanism of spontaneous resolution of thromboemboli. Gans H, et al.  
Surg Gynec Obstet 130:326-32, Feb 70
- Selective lysis of pulmonary clots. Sakakihara Y, et al.  
Surg Gynec Obstet 130:821-8, May 70
- 4-aminomethylbicyclo[2.2.2]octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al.  
Thromb Diath Haemorrh 22:263-72, 15 Nov 69
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. Thromb Diath Haemorrh 23:553-61, 30 Jun 70
- The preparation and evaluation of a standardized fibrin plate for the assessment of fibrinolytic activity. Bishop R, et al.  
Thromb Diath Haemorrh 23:202-10, 1970
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al.  
Thromb Diath Haemorrh 36:Suppl 36:333+, 1969
- On the role of the stable plasminogen activator of the venous wall in occlusion induced fibrinolytic state. Constantini R, et al.  
Thromb Diath Haemorrh 22:544-51, 31 Dec 69
- Discriminant analysis on coagulation and fibrinolytic data obtained during liver homotransplantation. Currin DR, et al.  
Thromb Diath Haemorrh 22:411-6, 31 Dec 69
- Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoid and with acute myelomonocytic leukemia. Didisheim P, et al.  
Thromb Diath Haemorrh 36:Suppl 36:215+, 1969
- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al.  
Thromb Diath Haemorrh 22:408-10, 15 Nov 69
- The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54. FitzGerald DE. Thromb Diath Haemorrh 22:569-74, 31 Dec 69
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al.  
Thromb Diath Haemorrh 22:223-33, 15 Nov 69
- Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD.  
Thromb Diath Haemorrh 23:486-99, 30 Jun 70
- Disseminated intravascular coagulation in shock. Hardaway RM ed.  
Thromb Diath Haemorrh 36:Suppl 36:159+, 1969
- Consumption coagulopathy in liver cirrhosis. Hörder MH. Thromb Diath Haemorrh 36:Suppl 36:313-8, 1969
- The kidneys and the fibrinolytic activity in the blood. Isacson S, et al.  
Thromb Diath Haemorrh 22:211-5, 15 Nov 69
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG.  
Thromb Diath Haemorrh 36:Suppl 36:281+, 1969
- The quantitation of fibrinogen or fibrin split products. Some critical remarks. Merskey C.  
Thromb Diath Haemorrh 36:Suppl 36:195, 1969
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G.  
Thromb Diath Haemorrh 36:Suppl 36:45-61, 1969
- New tests for the diagnosis of consumption coagulopathy. Niewiarowski S.  
Thromb Diath Haemorrh 36:Suppl 36:277-9, 1969
- The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T.  
Thromb Diath Haemorrh 22:360-71, 15 Nov 69
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. Thromb Diath Haemorrh 36:Suppl 36:239+, 1969
- Inhibition of platelet aggregation by dialysable fibrinogen degradation products (FDP). Stachurska J, et al. Thromb Diath Haemorrh 23:91-3, 28 Feb 70
- Consumption coagulopathy in obstetrics and gynecology. Steichele DF.  
Thromb Diath Haemorrh 36:Suppl 36:177+, 1969
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al.  
Thromb Diath Haemorrh 36:Suppl 36:269+, 1969
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.  
Thromb Diath Haemorrh 36:Suppl 36:83-97, 1969
- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruek S, et al.  
Thromb Diath Haemorrh 36:Suppl 36:319+, 1969
- Serum transfusion as a hemostatic procedure. Chiba Y.  
Tohoku J Exp Med 98:303-27, Aug 69
- Methods for differential diagnosis of consumption coagulopathy. Maki M, et al.  
Tohoku J Exp Med 99:347-60, Dec 69
- Fibrinogen titre, fibrinolysis and platelet stickiness correlated with capillary bleeding or block in the skin. Kurban AK, et al.  
Trans St John Hosp Derm Soc 55:218-22, 1969
- Fibrinolytic activity in human skin. Turner RH, et al.  
Trans St John Hosp Derm Soc 55:212-7, 1969
- [A new quick and sensitive method for analysis of fibrin metabolism products in serum-theoretic and practical meaning] Gormsen J.  
Nord Med 84:999, 30 Jul 70 (Dan)
- [Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al.  
Ann Med Intern (Paris) 120:827-33, Dec 69 (Fre)
- [Post-operative hemorrhage caused by local fibrinolysis] Flament J.  
Arch Ophtal (Paris) 29:785-94, Nov 69 (Fre)
- [Fibrinolysis caused by uterine infarct after tubal ligation] Marty G.  
Bull Fed Gynec Obstet Franc 21:540-1, Nov-Dec 69 (Fre)
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al.  
C R Acad Sci [D] (Paris) 270:1284-7, 2 Mar 70 (Fre)
- [Current events in hematology and carcinologia] Olmer J, et al.  
Cah Coll Med Hop Paris 10:1055-8, 30 Oct 69 (Fre)
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)
- [Blood coagulation in experimental shock] Mazak J, et al. J Chir (Paris) 98:247-53, Sep 69 (Fre)
- [Changes in the activity of the phagocytosis stimulating centers in the hypothalamus and fibrinolysin in silicosis] Suciu I, et al.  
Med Lavoro 59:287-93, Apr 68 (Fre)
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al.  
Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M.  
Path Europ 4:Suppl 1:9-286, 1969 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al.  
Presse Med 77:1427-8, 4 Oct 69 (Fre)
- [The practitioner in the face of hematuria] Jardin A.  
Presse Med 78:1513-5, 11 Jul 70 (Fre)
- [Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al.  
Rev Europ Etud Clin Biol 15:333-42, Mar 70 (Fre)
- [Fibrinuria in human renal transplantation] Antoine B, et al. Rev Franc Etud Clin Biol 14:744-53, Oct 69 (Fre)
- [Drepanocytosis] Seringe P, et al.  
Sem Hop Paris 46:223-37, 20 Jan 70 (Fre)
- [Changes in the blood coagulation mechanism



- associated with kidney operations] Rosdy E, et al. *Acta Chir Acad Sci Hung* 10:359-66, 1969 (Ger)
- [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. *Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. *Chirurg* 40:76-80, Feb 69 (Ger)
- [Purpura hyperfibrinolytica as pathogenic principle of hemorrhagic microbid Miescher] Haustein UF. *Derm Mschr* 155:771-5, 1969 (Ger)
- [The fibrinolytic system in allergic skin diseases] Haustein UF. *Derm Mschr* 155:776-82, 1969 (Ger)
- [Detection of a plasminogen-like substance in healthy human skin] Haustein UF. *Derm Mschr* 155:395-9, 1969 (Ger)
- [Observations on purpura pigmentosa progressiva from the special aspect of clotting analysis findings] Petter O, et al. *Derm Mschr* 155:213-24, 1969 (Ger)
- [Antifibrinolytic and coagulation inhibiting effect of Contrykal] Schulz K, et al. *Deutsch Gesundh* 24:1057-60, 5 Jun 69 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zörn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Thrombolytic therapy in acute arterial occlusions] Ehringer H, et al. *Deutsch Med Wschr* 95:610-5 passim, 20 Mar 70 (Ger)
- [Studies on the efficiency of antifibrinolytic agents in the prevention of fetal hypoxia hemorrhages] Hickl EJ, et al. *Deutsch Med Wschr* 95:616-8 passim, 20 Mar 70 (Ger)
- [Consumption coagulopathy] Holzknecht F. *Deutsch Med Wschr* 95:1277-8, 5 Jun 70 (Ger)
- [Moscow syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al. *Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al. *Folia Haemat (Leipzig)* 92:470-6, 1969 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. *Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)
- [Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al. *Folia Haemat (Leipzig)* 92:78-83, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al. *Folia Haemat (Leipzig)* 92:529-32, 1969 (Ger)
- [The fibrinolytic activity of human tissues] Perlewitz J, et al. *Folia Haemat (Leipzig)* 92:46-50, 1969 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [Endogenous and exogenous fibrinolysis] Perlick E, et al. *Folia Haemat (Leipzig)* 92:28-32, 1969 (Ger)
- [On the combined effect of PAMBA and contrykal] Richter M, et al. *Folia Haemat (Leipzig)* 92:90-2, 1969 (Ger)
- [Local fibrinolysis in the ear, nose and throat area] Küsel HJ. *HNO* 17:335-8, Nov 69 (Ger)
- [For and against the anticoagulants-for and against thrombolysis] Gross R. *Internist (Berlin)* 10:1-2, Jan 69 (Ger)
- [Intensive therapy in shock] Lasch HG, et al. *Internist (Berlin)* 10:234-9, Jun 69 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)
- [Increased blood fibrinolytic activity in hereditary epidermolysis bullosa] Denk R, et al. *Klin Wschr* 47:1232-4, 15 Nov 69 (Ger)
- [Effect of fibrinolysis on possible thrombotic disorders] Fürstenberg H, et al. *Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Conservative therapy of pulmonary embolism] Lasch HG. *Langenbecks Arch Chir* 325:1052-60, 1969 (Ger)
- [Trasylol in hyperfibrinolytic conditions] Ludwig H. *Langenbecks Arch Chir* 325:358-61, 1969 (Ger)
- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al. *Med Welt* 50:2718-22, 13 Dec 69 (Ger)
- [Hemolytic uremic syndrome. Treatment attempt with a proteinase inhibitor] Ritter R. *Med Welt* 52:2790-6, Dec 69 (Ger)
- [Subarachnoid hemorrhages associated with increased fibrinolysis] Wleczorek V, et al. *München Med Wschr* 112:366-9, 27 Jan 70 (Ger)
- [Protracted massive cerebral hemorrhage in hyperfibrinolytic hypofibrinogenemia] Grote E, et al. *Nervenarzt* 40:385-9, Aug 69 (Ger)
- [Fibrinolytic activity of the cerebrospinal fluid] Hemmer R, et al. *Nervenarzt* 41:303-5, Jun 70 (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Blood coagulation studies in cord blood: fetal fibrinogen?] Gmür J, et al. *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrássy K, et al. *Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al. *Thromb Diath Haemorrh* 23:347-59, 1970 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection techniques] Gmür JP, et al. *Thromb Diath Haemorrh* 23:82-90, 28 Feb 70 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al. *Thromb Diath Haemorrh* 23:369-85, 1970 (Ger)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. *Urol Int* 24:385-417, 1969 (122 ref.) (Ger)
- [Experimental studies on fibrin pyelotomy] Klosterhalfen H, et al. *Urologe* 8:167-9, May-Jun 69 (Ger)
- [Chronic and recurrent edema of the capsular ligament apparatus of the knee joint in disorders of the fibrinolytic system] Glogowski G. *Z Allgemeinmed* 46:336-9, 10 Mar 70 (Ger)
- [Fibrinolysis of pleural exudates] Biatný J, et al. *Z Erkr Atmungsorgane* 131:39-42, 1969 (Ger)
- [An histologically confirmed case of fatal amniotic fluid embolism] Doszpod J, et al. *Zbl Gynaek* 91:1510-6, 15 Nov 69 (Ger)
- [Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pgnancy toxemias] Sieg U, et al. *Zbl Gynaek* 91:1662-6, 20 Dec 69 (Ger)
- [The blood coagulation and fibrinolytic enzyme system during and after extracorporeal circulation] Goldschmidt B, et al. *Orv Hetil* 111:1027-30, 3 May 70 (Hun)
- [Fibrinolytic activity of the blood in atherosclerosis] Katalin Z, et al. *Orv Hetil* 111:1579-80, 5 Jul 70 (Hun)
- [Acute defibrination syndrome caused by prostatic adenocarcinoma] Kovács E, et al. *Orv Hetil* 110:2346-7, 5 Oct 69 (Hun)
- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)
- [Determination of the fibrinolytic activity of the normal and pathologic parenchyma of the tonsils] Ottaviani A, et al. *Arch Ital Otol* 79:51-61, Jan-Feb 68 (Ita)
- [The problem of hemostasis in transvesical prostatic adenomectomy: proposals for a preventive hemostasis and for the control of postoperative hemorrhage caused by fibrinolysis activation] Di Grazia G, et al. *Arch Ital Urol* 42:289-98, 1969 (Ita)
- [On spontaneous endogenous fibrinolytic activity in cervix carcinomas] Bertone C, et al. *Arch Sci Med (Torino)* 125:897-901, Dec 68 (Ita)
- [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al. *Boll Chimicofarm* 106:67-84, Feb 67 (172 ref.) (Ita)
- [Pharmacological aspects of fibrinolysis] Prino G, et al. *Boll Chimicofarm* 108:655-75 contd, Nov 69 (Ita)
- [Importance of the kidney in coagulo-fibrinolytic homeostasis. Preventive therapy of thromboembolic complications] Parodi A, et al. *Clin Ter* 51:453-64, Dec 69 (Ita)



# SUBJECT SECTION

# FIBRINOLYSIS

- [Correlative study of fibrinolysis and some indices of blood coagulation and lipid metabolism in arteriosclerotic disease] Craveri A, et al. *G Clin Med* 50:684-98, Aug 69 (Ita)
- [Factor XIII (fibrin stabilizing factor) in cutaneous epitheliomas] Argenziano G, et al. *G Ital Derm* 45:69-72, Feb 70 (Ita)
- [Anti-leukocyte isoimmunization due to transfusion] Cabibbo S, et al. *Recent Progr Med (Roma)* 44:435-85, May 68 (301 ref.) (Ita)
- [Analysis of antifibrinolytic activity of blood platelets] Abe T. *Acta Haemat Jap* 32:38-44, Feb 69 (Jap)
- [Studies on the fibrinolytic activity in urine] Nomura J. *Acta Haemat Jap* 31:1040-57, Nov 68 (Jap)
- [Studies on the interaction between fibrinolytic system and early phase of blood coagulation] Saito H. *Acta Haemat Jap* 31:1031-9, Nov 68 (Jap)
- [Blood fibrinolytic activity and fibrinogen concentration in diabetic retinopathy] Takeuchi Y, et al. *Acta Soc Ophthal Jap* 74:151-67, Feb 70 (Jap)
- [Coagulation and fibrinolysis observed in the placenta] Soma H, et al. *J Jap Obstet Gynec Soc* 22:515-20, May 70 (Jap)
- [Fibrinolytic phenomenon in the field of orthopedic surgery] Ueda F. *J Jap Orthop Ass* 43:673-88, Sep 69 (Jap)
- [Clinical studies on alpha 2-macroglobulin. Serum antifibrinolytic activity and alpha 2-macroglobulin] Ando H. *J Jap Soc Intern Med* 59:329-39, Apr 70 (Jap)
- [Blood fibrinolytic activity in diabetics—before and after treatment] Endo K. *J Jap Soc Intern Med* 59:16-27, 10 Jan 70 (Jap)
- [Studies on the coagulation and fibrinolytic activity of the human aorta. II. Coagulation and fibrinolytic activity in the aorta] Oishi M. *J Jap Soc Intern Med* 58:1363-75, 10 Dec 69 (Jap)
- [Clinical studies on the changes in clotting factor before and after extracorporeal circulation] Orumuka Y. *J Kumamoto Med Soc* 44:497-511, 25 Jun 70 (Jap)
- [Nasopharyngitis and fibrinolysis] Horiguchi S, et al. *J Otolaryng Jap* 72:494-5, 20 Feb 69 (Jap)
- [Correlation between the clinical course of nasopharyngitis and the activity of fibrinolytic system] Ichikawa H. *J Otolaryng Jap* 73:220-36, Feb 70 (Jap)
- [Fibrinolysis in nose and paranasal sinus diseases. I. Blood and nasal secretion] Komatsu A, et al. *J Otolaryng Jap* 72:314-5, 20 Feb 69 (Jap)
- [Increased fibrinolysis of cerebro-spinal fluid in dogs with the intracranial paraffin clot (hematoma-model)] Fujii T. *J Physiol Soc Jap* 32:265-74, 1970 (Jap)
- [Relationship between pain sensation and blood coagulation-fibrinolysis] Abe T, et al. *Jap J Allerg* 19:634-7, Aug 70 (Jap)
- [Effect of acute hyperventilation in general anesthesia on coagulation and fibrinolysis systems] Tanaka R. *Jap J Anesth* 19:39-45, Jan 70 (Jap)
- [Fibrinolysis in cancer] Abe T, et al. *Jap J Cancer Clin* 15:785-96, Sep 69 (Jap)
- [Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T. *Jap J Clin Med* 28:1448-54, May 70 (20 ref.) (Jap)
- [Properties of the arterial wall and atherosclerosis—elastic type of arteries and muscular type of arteries] Tanaka K. *Jap J Clin Med* 28:1498-503, May 70 (Jap)
- [Fibrinolysis in burns and cicatricial keloid of burns] Kon S, et al. *Jap J Clin Path* 18:550-62, Aug 70 (Jap)
- [Tests for fibrinolysis] Maki M. *Jap J Clin Path* 16:Suppl 16:114+, 1969 (Jap)
- [Fibrinolysis, determination and interpretation] Maki M. *Jap J Clin Path* 18:563-8, Aug 70 (Jap)
- [Difference between serum and euglobulin in the determination of fibrinolytic activity by streptokinase: differences of fibrinolytic activity in various diseases] Miyatani K, et al. *Jap J Clin Path* 18:512-4, Jul 70 (Jap)
- [Difference between serum and euglobulin in the determination of fibrinolytic activity by SK-method; evaluation of determination methods for the fibrinolytic activity] Miyatani K, et al. *Jap J Clin Path* 18:447-50, Jun 70 (Jap)
- [Fibrinolysis in the Schwartzman type tissue reaction] Miyazawa T. *Jap J Clin Path* 18:569-70, Aug 70 (Jap)
- [Demonstration of fibrinolytic activity on vaginal smears with special reference to cytological observation of cervical cancer] Soma H, et al. *Jap J Clin Path* 17:935-7, Dec 69 (Jap)
- [Influence of fibrinolysis on factor XIII assay] Suzuki H, et al. *Jap J Clin Path* 18:540-4, Aug 70 (Jap)
- [Thrombosis and fibrinolysis] Tanaka K. *Jap J Clin Path* 16:Suppl 16:10+, 1969 (34 ref.) (Jap)
- [Separation of plasminogen and plasmin by DEAE Sephadex A-50 column chromatography] Tozawa Y, et al. *Jap J Clin Path* 18:571-4, Aug 70 (Jap)
- [Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al. *Jap J Clin Path* 18:545-9, Aug 70 (Jap)
- [Studies on fluidity of blood on the basis of fibrinolysis. 6. Relationship of fluidity to plasmin of blood in sudden and instantaneous deaths and also those from asphyxiation] Ueno S. *Jap J Leg Med* 23:98-116, Mar 69 (Jap)
- [The relationship between exercise and fibrinolytic enzyme system. 3. Changes of urinary sediments in relation to blood clotting system influenced by exercise] Kono N, et al. *Jap J Urol* 61:193-205, Feb 70 (Jap)
- [Localization of fibrinolytic activity in the nasal mucosa and its physiological significance] Sasaki Y. *Otolaryngology (Tokyo)* 41:601-6, Aug 69 (Jap)
- [Fibrinolytic activity in radicular cysts] Yamamoto H. *Shikwa Gaku* 70:435-47, Mar 70 (Jap)
- [Fibrinolysis and fibrinolytic therapy] Blix S. *T Norsk Laegeforen* 90:273-6, 25 Jan 70 (Nor)
- [Blood coagulation and fibrinolysis following hemorrhage in the dog] Worowski K, et al. *Acta Physiol Pol* 20:655-62, Jul-Aug 69 (Pol)
- [Role of blood coagulation and fibrinolysis in pathogenesis of arteriosclerosis] Lipiński B. *Kardiol Pol* 13:81-8, 1970 (Pol)
- [Fibrinolytic activity and fibrinogen level in children with rheumatic fever treated or not treated with prednisone] Szydłowski E, et al. *Pediat Pol* 44:1399-403, Oct 69 (Pol)
- [Plasma fibrinolytic activity in patients with bronchial asthma] Chyrek-Borowska S, et al. *Pol Arch Med Wewnet* 43:1347-51, Oct 69 (Pol)
- [Blood clotting and fibrinolysis in mucoviscidosis in adults] Dzięwolska M, et al. *Pol Arch Med Wewnet* 43:1453-8, Oct 69 (Pol)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al. *Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Disorders of blood coagulation and fibrinolysis following implantation of lateral patches into the femoral artery] Glowinski S, et al. *Pol Przegl Chir* 42:38-47, Jan 70 (Pol)
- [Effect of transcardiac galvanization on blood fibrinolytic activity] Bielawiec M, et al. *Pol Tyg Lek* 25:249-51, 16 Feb 70 (Pol)
- [Studies of the fibrinolytic activity of the blood in diabetics] Bielawiec M, et al. *Pol Tyg Lek* 25:85-7, 19 Jan 70 (Pol)
- [The possibility of using a glucocorticosteroid derivative in the treatment of premature lymphedema of the extremities] Kleczyński S. *Pol Tyg Lek* 25:936-8, 22 Jun 70 (Pol)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R. *Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)
- [Generalized Schwartzman reaction] Lipiński B, et al. *Postepy Hig Med Dosw* 23:435-49, Jul-Aug 69 (59 ref.) (Pol)
- [Activation of blood fibrinolysis during pulmonary tissue resection] Adamski S, et al. *Przegl Lek* 25:533-5, 1969 (Pol)
- [The fibrinolytic activity of blood] Januszko T. *Roczn Akad Med Marchlewski Suppl* 22:1-74, 1969 (Pol)
- [Administration of epsilon-aminocaproic acid (EACA) in the prevention of fibrinolytic hemorrhages associated with the expulsion of the fetus remaining in the uterus after its death] Howorka E, et al. *Wiad Lek* 23:973-7, Jun 70 (Pol)
- [The role of lipoproteins in the process of fibrinolysis] Skrzydlewski Z. *Wiad Lek* 23:1017-21, 15 Jun 70 (38 ref.) (Pol)
- [Fibrinolysis in obesity] Dumitrescu C, et al. *Med Intern (Bucur)* 21:857-64, Jul 69 (Rum)
- [Fibrinolysis in obstetrics and gynecology] Sigal I, et al. *Rev Medicochir Iasi* 73:553-8, Jul-Sep 67 (Rum)
- [Disseminated intravascular coagulation] Papilian M. *Stud Cercet Med Intern* 10:209-21, 1969 (70 ref.) (Rum)



- [Euglobulin lysis time and thrombocyte adhesiveness in young obese subjects] Popescu TA, et al. *Stud Cercet Med Intern* 10:161-6, 1969 (Rum)
- [Fibrinolysis in surgical intervention] Klochov ND. *Arkhh Pat* 31:26-30, 1969 (Rus)
- [The participation of the lungs in the body's fibrinolytic processes] Solov'ev GM, et al. *Biull Eksp Biol Med* 69:22-5, May 70 (Rus)
- [Study of the fibrinolytic properties of human serous membranes by the fibrinolysis microautography method] Nikitin IuP, et al. *Dokl Akad Nauk SSSR* 191:1397-9, 21 Apr 70 (Rus)
- [Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the patient's age, degree and length of illness] Feniuk EV. *Kardiologiya* 8:70-3, Dec 68 (Rus)
- [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsiuk AI. *Kardiologiya* 9:21-8, Sep 69 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al. *Kardiologiya* 9:106-10, Aug 69 (Rus)
- [A case of acute fibrinolysis] Alimov TU, et al. *Khirurgiya (Moskva)* 45:146-7, May 69 (Rus)
- [The blood coagulation in patients with peptic ulcer during acute hemorrhage] Belousov AS, et al. *Khirurgiya (Moskva)* 45:58-62, May 69 (Rus)
- [Postoperative fibrinogenolysis] Makarenko TP, et al. *Khirurgiya (Moskva)* 45:138-9, May 69 (Rus)
- [A case of acute fibrinolysis in reconstructive surgery of the stomach] Gelfer AP, et al. *Klin Khir (Kiev)* 5:55-7, May 70 (Rus)
- [Hemocoagulation properties of the human peritoneum and the mechanism of adhesion formation] Skipetrov VP, et al. *Klin Khir (Kiev)* 2:64-8, Feb 70 (Rus)
- [Study on the fibrinolysis in renal hypertension] Guseinov ChS, et al. *Klin Med (Moskva)* 47:70-5, Jul 69 (Rus)
- [Several indices of the coagulation and fibrinolytic activity of blood in patients with erysipelas] Kireeva Rla. *Klin Med (Moskva)* 48:107-11, Mar 70 (Rus)
- [Fibrinolytic purpura in cancer of the stomach] Rekhman BO. *Klin Med (Moskva)* 47:49-50, Apr 69 (Rus)
- [Micromethods of determining the concentration of fibrinogen, fibrinolytic activity, heparin and antifibrinolysin in blood] Andreenko GV. *Lab Delo* 8:477-9, 1969 (Rus)
- [Evaluating the level of fibrinolytic activity] Gribauskas PS. *Lab Delo* 8:485, 1969 (Rus)
- [Several problems in the mechanism and methods of calculating spontaneous fibrinolysis of plasma and blood] Ivanov EP. *Lab Delo* 2:81-7, 1970 (Rus)
- [A rapid method of determining fibrinolysis, clot retraction and utilization of various factors during blood coagulation] Skipetrov VP, et al. *Lab Delo* 8:480-2, 1969 (Rus)
- [Methods of determining the activity of the fibrinolytic system (review of the literature)] Zaporozhchenko AA. *Lab Delo* 8:474-7, 1969 (Rus)
- [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)
- [The blood coagulation and fibrinolytic systems in experimental hypothyroidism] Petrishchev NN. *Pat Fiziol Eksp Ter* 13:48-50, May-Jun 69 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov IuI, et al. *Probl Endokr (Moskva)* 15:15-8, Jul-Aug 69 (Rus)
- [Effect of splenectomy on the condition of the coagulation system and fibrinolytic activity of blood in patients with congenital microspherocytic hemolytic anemia] Akhundova AM, et al. *Probl Gemat* 13:18-20, Apr 68 (Rus)
- [Clinical analysis of the effect of fibrinolysed and preserved donor blood in patients with anemia] Al'perin PM, et al. *Probl Gemat* 13:3-6, Apr 68 (Rus)
- [Some characteristics of postagonal blood] Gutionova KP. *Probl Gemat* 13:20-1, May 68 (Rus)
- [Immunoelectrophoretic study of fibrinogen and of degradation products of fibrinogen and fibrin] Karpinskaya VM. *Probl Gemat* 13:53-6, Jan 68 (Rus)
- [Technic for obtaining of fibrinolysed blood] Rudykh OD, et al. *Probl Gemat* 12:51-2, Sep 67 (Rus)
- [Fibrinolytic properties of human tissue and pathogenesis of hyperfibrinolysis in thrombohemorrhagic syndrome] Skipetrov VP. *Probl Gemat* 14:36-43, Nov 69 (Rus)
- [Fibrinolytic activity of the uterine tissue in some gynecologic diseases] Iusim EM. *Sovet Med* 32:36-41, Dec 69 (Rus)
- [Heparin activity, fibrinolysis and vascular state in a cerebral form of hypertensive disease] Kukhtevich II, et al. *Sovet Med* 33:28-32, 1970 (Rus)
- [Changes in the functional status of hemocoagulation in initial donors after blood donation in low, medium and high mountain regions] Sergeev VP. *Sovet Zdravookhr Kirgiz* 1:19-23, Jan-Feb 70 (Rus)
- [Disorders of capillary permeability in patients with arteriosclerosis and hypertension] Dzizinski AA, et al. *Ter Arkh* 42:21-4, Jan 70 (Rus)
- [Indices of the coagulation and anticoagulation system of the blood under the influence of proteolytic enzyme treatment of patients with chronic nonspecific processes in the lung] Komarova IA. *Ter Arkh* 41:84-6, Mar 69 (Rus)
- [Peculiar conditions of the fibrinolytic system of the blood in atherosclerotic patients] Nikitin IuP, et al. *Ter Arkh* 41:20-3, Jun 69 (Rus)
- [Several indices of the coagulating and fibrinolytic systems of the blood in chronic pneumonia] Patrushev VI. *Ter Arkh* 41:61-4, 1969 (Rus)
- [The blood coagulation system and cortisol metabolism in Itsenko-Cushing disease] Vasilukova EA, et al. *Ter Arkh* 41:85-8, Jul 69 (Rus)
- [Blood losses and hemostasis problems in surgery of prostatic carcinoma] Epifanov NS, et al. *Vestn Khir Grekov* 103:37-41, Dec 69 (Rus)
- [State of enzymatic system in children in chronic toxic-allergic tonsillitis without concomitant diseases] Tamm Lla, et al. *Vestn Otorinolaring* 31:101-5, Sep-Oct 69 (Rus)
- [Fezing fibrinolysed blood] Kuleshov Iula, et al. *Voennomed Zh* 2:77-9, Feb 70 (Rus)
- [Use of cadaver blood in the treatment of thromboembolic diseases] Zykova KI. *Voennomed Zh* 12:72-3, Dec 69 (Rus)
- [The effect of heparin on fibrin clot stabilization] Rustamova BA, et al. *Vop Med Khim* 16:290-3, May-Jun 70 (Rus)
- [Problems of resuscitation in obstetrics] Baksheev NS, et al. *Vop Okhr Materin Dets* 14:54-60, Mar 69 (Rus)
- [Genesis of retinal hemorrhage in newborn infants] Evsiukova II, et al. *Vop Okhr Materin Dets* 14:61-5, May 69 (Rus)
- [Fibrinolytic properties of uterine tissues and pathogenesis of hyperfibrinolysis in obstetrical thrombohemorrhagic syndrome] Skipetrov VP. *Vop Okhr Materin Dets* 14:69-75, Mar 69 (Rus)
- [Determination of fibrinolytic and antifibrinolytic activity of blood in epidemic Botkin's disease] Arakelov RA, et al. *Zh Eksp Klin Med* 9:61-3, 1969 (Rus)
- Method to determine fibrinolytic activity of plasma euglobulin fractions and antifibrinolytic activity in blood] Aslanian NL, et al. *Zh Eksp Klin Med* 10:101-5, 1970 (Rus)
- [Determining fibrinolytic activity of whole blood by the method of thrombelastography (in hypertension and thrombophlebitis)] Aslanian NL, et al. *Zh Eksp Klin Med* 10:77-9, 1970 (Rus)
- [Clinical significance of some indices of blood coagulation and anticoagulation system in acute bacillary dysentery] Keshishian SG. *Zh Eksp Klin Med* 9:67-70, 1969 (Rus)
- [Coagulation and hemostasis] Santos F. *Rev Brasil Anest* 19:153-63, Apr-Jun 69 (Spa)
- [Thrombin-streptokinase test] Aznar J, et al. *Sangre (Barc)* 15:269-74, 1970 (Spa)
- [Thrombolytic treatment of acute venous thrombosis--and health care costs] Leonhardt T, et al. *Lakartidningen* 67:586-8, 4 Feb 70 (Swe)
- [Fibrinogen metabolism in surgical trauma in healthy and in uremic persons] Ljungqvist U, et al. *Nord Med* 84:964-5, 23 Jul 70 (Swe)
- [Fibrinolytic activity of the toxins of *Cl. perfringens*, *Cl. oedematis* and *Cl. septicum* in mono- and mixed gas infection] Zhak SP, et al. *Mikrobiol Zh (Kiev)* 31:271-2, May-Jun 69 (Ukr)

## ANALYSIS

- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. *Brit J Haemat* 17:445-53, Nov 69



# SUBJECT SECTION

## FIBRINOLYSIS

### DRUG EFFECTS

- Fibrinolytic activity in healing wound. Peterson HI, et al. *Acta Chir Scand* 135:649-52, 1969
- Coagulation and fibrinolytic studies during continuous use of low dose gestagen. Nilsson IM, et al. *Acta Endocr (Kobenhavn)* 65:111-6, Sep 70
- Various aspects of thrombolysis and fibrinolysis. Szirmai E. *Acta Med Okayama* 23:429-47, Oct 69
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. *Acta Physiol Scand Suppl* 337:1+, 1970
- Afibrinogenemia in man following the bite of a rattlesnake (*Crotalus adamanteus*). Weiss HJ, et al. *Amer J Med* 47:625-34, Oct 69
- Effects of different systemic contraceptives on blood fibrinolysis. Brakman P, et al. *Amer J Obstet Gynec* 106:187-92, 15 Jan 70
- Effects of adrenalin and noradrenalin on euglobulin lysis time and effects of adrenergic receptor blocking agents on shortening of lysis time by adrenalin. Ishioka T, et al. *Angiologica (Basel)* 7:104-8, 1970
- Studies on fibrinolytic activity in normal persons and patients with atherosclerotic vascular disease after physical activity and injections of nicotinic acid. Laursen B, et al. *Angiology* 21:486-92, Jul 70
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. *Arch Int Pharmacodyn* 181:153-69, Sep 69
- The effect of different plasma volume expanders (rheomacrodex and haemacel) on the fibrinolytic system and some platelet functions. Fischer M. *Bibl Haemat* 33:457-65, 1969
- Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeiffer GW, et al. *Bibl Haemat* 33:481-91, 1969
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemacel and Rheomacrodex. Trede M. *Bibl Haemat* 33:553-68, 1969
- Evaluation of a standard dosage schedule with streptokinase. Hirsh J, et al. *Blood* 35:341-9, Mar 70
- Pharmacological fibrinolysis. Fearnley GR. *Bristol Medicochir J* 84:131-43, Oct 69
- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. *Brit J Haemat* 17:445-53, Nov 69
- Heparin and the haemolytic-uraemic syndrome. Clarkson AR, et al. *Brit Med J* 3:463, 22 Aug 70
- Onions and blood fibrinolysis. Menon IS. *Brit Med J* 1:421, 16 May 70
- Microangiopathic haemolytic anaemia. Rosen SM, et al. *Brit Med J* 3:465, 22 Aug 70
- Effect of epsilon aminocaproic acid (EACA) on lysis of subcutaneous clots. Marrack D, et al. *Clin Sci* 39:12P, Sep 70
- Fibrinolytic agents. Sherry S. *DM* 3-32, May 69 (29 ref.)
- Studies on the fibrinolytic activity in human semen studied by gel filtration. Hisazumi H. *Invest Urol* 7:410-21, Mar 70
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. *J Lab Clin Med* 75:93-108, Jan 70
- Bridged bicyclic and polycyclic amino acids. Potent new inhibitors of the fibrinolytic process. Loeffler LJ, et al. *J Med Chem* 13:926-35, Sep 70
- A comparative study of blood fibrinolytic activity in normal women, pregnant women and women on oral contraceptives. Menon IS, et al. *J Obstet Gynaec Brit Comm* 77:752-6, Aug 70
- Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs. Safar J, et al. *J Surg Res* 9:649-56, Nov 69
- Streptokinase in acute pulmonary embolism. Gurewicz V, et al. *J Thorac Cardiovasc Surg* 59:655-61, May 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. *J Trauma* 10:287-98, Apr 70
- Prevention of intra-abdominal adhesions by protoporphyrin; an experimental study. Iijima N, et al. *Jap J Exp Med* 39:311-9, Jun 69
- Fibrinolytic activity of leukemic cells. Watanabe K. *Kelo J Med* 19:47-59, Mar 70
- Effect of carbon dioxide inhalation on blood fibrinolytic activity. Menon IS. *Lab Pract* 18:1284-5, Dec 69
- Effects on platelet stickiness and fibrinolysis of phenformin combined with ethyloestrenol or stanozolol. Chakrabarti R, et al. *Lancet* 1:591-3, 21 Mar 70
- Phenformin and ethyloestrenol for Raynaud's disease. Fearnley GR, et al. *Lancet* 2:906-7, 25 Oct 69
- Aspirin and blood fibrinolysis. Menon IS. *Lancet* 1:364, 14 Feb 70
- Resistance to testosterone as a stimulator of blood fibrinolytic activity in patients with cancer of the breast. Winther O. *Lancet* 1:625, 21 Mar 70
- Enhancement of fibrinolysis and blood clotting: role of microvascular changes. Holemans R, et al. *Med Exp (Basel)* 18:299-307, 1968
- Pharmacological fibrinolysis in occlusive vascular disease and its relation to diabetes mellitus. Fearnley GR. *Postgrad Med J* 45:52-62, May 69
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al. *Scand J Clin Lab Invest Suppl* 107:143+, 1969
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al. *Scand J Clin Lab Invest* 24:Suppl 107:143+, 1969
- Metformin and fibrinolysis. Helkinhelmo R. *Scand J Haemat* 6:288-90, 1969
- Effect of prednisolone on the coagulation and fibrinolytic systems. Isacson S. *Scand J Haemat* 7:212-6, 1970
- Pharmacological enhancement and short-term stimulation of blood fibrinolytic activity. Laursen B, et al. *Scand J Haemat* 6:402-8, 1969
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J. *Scand J Haemat Suppl* 11:1+, 1970
- AMCA (aminomethyl cyclohexane carboxylic acid, Cyklo-kapron) a potent haemostatic agent in urinary tract bleeding. Andersson L, et al. *Scand J Urol Nephrol* 3:169-76, 1969
- Inactivation of human serum plasminogen activator by synthetic fibrinolysis inducers. Aoki N, et al. *Thromb Diath Haemorrh* 22:251-62, 15 Nov 69
- The effect of chronic administration of lathyrigen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bańkowski E, et al. *Thromb Diath Haemorrh* 22:372-6, 15 Nov 69
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al. *Thromb Diath Haemorrh* 22:223-33, 15 Nov 69
- Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al. *Thromb Diath Haemorrh* 36:Suppl 36:99+, 1969
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- The fibrinolytic system in patients with right ventricular failure treated with Novurit. Worowski K, et al. *Thromb Diath Haemorrh* 23:500-3, 30 Jun 70
- Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al. *Thromb Diath Haemorrh* 23:50-7, 28 Feb 70
- [Effect of glucose administration on blood coagulation and fibrinolysis in relation to age and obesity] Pstružinová H, et al. *Sborn Lek* 72:150-6, May 70 (Cze)
- [Studies on substances in the benzofuran group. 43. Angiotrophic, anti-inflammatory and fibrinolytic properties of benzarone] Chaillet F, et al. *Arzneimittelforschung* 20:358-63, Mar 70 (Fre)
- [Phlebothrombosis and magnesium] Dupont B, et al. *Sem Hop Paris* 45:3048-54, 26 Nov 69 (Fre)
- [Some aspects of enzyme inhibition in therapeutics] Moreau RC. *Therapeutique* 46:29-38, Jan 70 (Fre)
- [Thrombelastographic radiobiological studies of the blood of patients with gynecologic cancer following administration of irradiated streptokinase-streptodornase] Stamm H, et al. *Acta Med Lugosi* 23:42-9, 1969 (Ger)
- [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Giarola PA, et al. *Arzneimittelforschung* 20:234-6, Feb 70 (Ger)
- [“Extracoronary” effect of carbochromen on the circulation] Votál BE, et al. *Arzneimittelforschung* 20:442-6, Mar 70 (Ger)
- [Platelet functions following dextran administration]



- Cronberg S.  
Folia Haemat (Leipzig) 92:491-6, 1969 (Ger)  
[Absorption of orally administered bromelain] Lang H, et al. Klin Wschr 47:106-7, 15 Jan 69 (Ger)  
[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeiffer GW, et al. Zbl Gynaek 91:1292-5, 4 Oct 69 (Ger)  
[Pharmacological aspects of fibrinolysis] Prino G, et al. Boll Chimicofarm 108:727-60 passim, Dec 69 (613 ref.) (Ita)  
[Activation of euglobulin lysis induced by Atheroid (R)] Prino G, et al.  
Boll Soc Ital Biol Sper 45:133-7, 31 Jan 69 (Ita)  
[Various therapeutic prerogatives of phenethylbiguanide in diabete mellitus. Effect of the drug on body weight, blood cholesterol, fibrinolysis, and blood lactic acid] Prevato G, et al.  
Clin Ter 50:27-36, 15 Jul 69 (Ita)  
[Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al. Farmaco [Prat] 24:552-61, Sep 69 (Ita)  
[Clinical evaluation of a fibrinolytic drug in an experimental cross-over study] Bizzzi B, et al. Minerva Med 60:Suppl 99:5062+, 12 Dec 69 (Ita)  
[On the mechanism of the thrombolytic action of streptokinase: penetration of the streptokinase into clots] Bizzzi B, et al.  
Minerva Med 60:4918-22, 8 Dec 69 (Ita)  
[Controlled experimental study of the relations between fibrinolytic activity and anticoagulant activity in evaluation of activators of fibrinolysis] Cascone A, et al.  
Minerva Med 60:Suppl 99:5039+, 12 Dec 69 (Ita)  
[Control and regulation of fibrinolysis in patients with arteriopathies by the use of an extractive mucopolysaccharide complex] Centonza D, et al. Minerva Med 60:Suppl 99:5023+, 12 Dec 69 (Ita)  
[Action of an extractive heparinoid on some blood coagulation indices] Guidi G, et al.  
Minerva Med 60:Suppl 99:5034+, 12 Dec 69 (Ita)  
[Antilipemic and fibrinolytic activity of an extractive mucopolysaccharide in atherosclerotic disease] Isidori A, et al.  
Minerva Med 60:Suppl 99:5077+, 12 Dec 69 (Ita)  
[Pharmacological aspects of the fibrinolytic activity of Ateroid] Prino G, et al.  
Minerva Med 60:Suppl 99:5015+, 12 Dec 69 (Ita)  
[Effect of a proteolysis inhibitor on fibrinolytic activity in acute peritonitis] Rubino M, et al.  
Rass Int Clin Ter 48:587-96, 31 May 68 (Ita)  
[Correlation between the clinical course of nasopharyngitis and the activity of fibrinolytic system] Ichikawa H.  
J Otolaryng Jap 73:220-36, Feb 70 (Jap)  
[Studies on anti-atherosclerotic agents. II. Experimental studies of 1,3-propanediol bis(2-p-chlorophenoxyisobutyrate) (CLY-503) for anti-atherosclerotic agents] Nakanishi M, et al. J Pharm Soc Jap 90:926-32, Aug 70 (Jap)  
[Studies on the activation mechanism of fibrinolysis by dextran sulphate] Mihara H, et al.  
J Physiol Soc Jap 32:25-34, Jan 70 (Jap)  
[Thromboelastographic examination of blood coagulation and fibrinolysis during ether anesthesia] Zimnicki Z. Pol Przegl Chir 42:340-6, Apr 70 (Pol)  
[Lysis of thrombi and emboli by means of streptokinase. I. Activation of fibrinolysis, mechanism of plasmin activity, indications and contra-indications, treatment principles] Janda R, et al. Przegl Lek 25:701-5, 1969 (Pol)  
[Behavior of some factors in the blood-clotting system and blood fibrinolytic activity in women with uterine myoma treated with progestin (Polfa)] Rózewicki S, et al. Przegl Lek 26:564-5, 1970 (Pol)  
[The hemorrhagic syndrome in radiation sickness. II. Experimental study of the radioprotective effect of cystamine and treatment with nucleic acids of homologous bone marrow on coagulation and fibrinolysis in rats exposed to lethal x-ray doses] Cutcudache C, et al.  
Fiziol Norm Pat 16:169-77, Mar-Apr 70 (Rum)  
[Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)  
[Effect of aortic extracts on blood coagulation and fibrinolysis] Papilian M, et al.  
Stud Cercet Med Intern 10:431-8, 1969 (Rum)  
[Effect of sodium bromide on the activity of hemostatic substances] Iadrova VM, et al.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)  
[Effect of antibiotics of glycopeptide structure on the content of fibrinogen and fibrinolytic activity of blood] Ivleva Ala.  
Farmakol Toksik 32:719-23, Nov-Dec 69 (Rus)  
[Inhibitor of fibrinolysis from pancreas pantrypin] Lakin KM, et al.  
Farmakol Toksik 32:712-5, Nov-Dec 69 (Rus)  
[Effect of trasylol on fibrinolytic activity of tissues] Mallusina IB.  
Farmakol Toksik 32:628-31, Sep-Oct 69 (Rus)  
[Blood coagulation characteristics and fibrinolytic activity in patients with coronary arteriosclerosis during a course of treatment with vetrazline] Agapova EN, et al. Kardiologiya 8:130-2, Dec 68 (Rus)  
[Use of streptase in myocardial infarct patients] Liusov VA, et al. Kardiologiya 9:88-95, Jul 69 (Rus)  
[The effect of corticosteroid therapy on the blood coagulation system and the fibrinolytic activity of the blood in hemorrhagic fever with renal syndrome] Kireeva RA, et al.  
Klin Med (Moskva) 47:69-74, Nov 69 (Rus)  
[The effect of econortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)  
[Electron microscope studies of thrombocytes of rabbits before and after administration of epsilon-aminocaproic acid] Beznosikova VK, et al. Probl Gemat 13:32-7, Jan 68 (Rus)  
[Effect of intravenous administration of polyvinol on the state of the coagulation and fibrinolytic blood system in hypofibrinogenemia] Chernala VV.  
Probl Gemat 13:16-9, May 68 (Rus)  
[Effect of 6-mercaptopurine on the fibrinolytic activity of blood] Kovalev IE, et al.  
Probl Gemat 13:22-3, Jan 68 (Rus)  
[Dynamics of the formation and neutralization of thrombin in the blood stream after intravenous injections of tissue thromboplastin] Pastorova VE, et al. Probl Gemat 13:16-21, Jun 68 (Rus)  
[Fibrin stabilizing properties of tissue] Skipemrov VP, et al. Probl Gemat 13:24-7, Jun 68 (Rus)  
[Effect of small doses of heparin in a complex treatment of patients with pneumocarditis on the blood coagulation and fibrinolytic system] Alzenberg AA, et al. Sovet Med 32:33-9, Feb 69 (Rus)  
[Regulation of fibrinolysis and anti-fibrinolytic activity of the serum in children] Alekseenko IF.  
Sovet Zdravookhr Kirgiz 6:18-22, Nov-Dec 69 (Rus)  
[Effect of mercurial diuretics on heparin contents fibrinolysis and activity of blood fibrin stabilizing factor in patients with cardiovascular diseases] Kaznacheev VP, et al. Ter Arkh 42:83-6, Jan 70 (Rus)  
[Anabolic steroids in the treatment of endocrine diseases] Vasiukova EA, et al.  
Ter Arkh 41:9-15, Apr 69 (44 ref.) (Rus)  
[Distinctive features characterizing metabolic processes in rabbits kept on a cholesterol-free atherogenic diet and following administration to them of a fibrinolytic activity inhibitor] Apekar' SG, et al. Vop Pitan 28:24-9, Nov-Dec 69 (Rus)  
[Hemocoagulation and fibrinolytic activity of the blood in patients with rheumatism treated with prednisolone] Krutovskaya OV.  
Vop Revm 9:36-8, Oct-Dec 69 (Rus)  
[Tranexamic acid, a new antifibrinolytic agent] Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)
- ### PREVENTION & CONTROL
- [Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection technics] Gmür JP, et al.  
Thromb Diath Haemorrh 23:82-90, 28 Feb 70 (Ger)
- ### RADIATION EFFECTS
- [Influence of solar activity on the blood fibrinolytic system] Rozhdestvenskaya ED, et al.  
Klin Med (Moskva) 47:65-70, Jul 69 (Rus)  
[Indices of hemostasis in radiotherapy of cancer of the lung] Strashinin AI, et al.  
Med Radiol (Moskva) 15:6-8, Mar 70 (Rus)



## FIBRINOLYTIC AGENTS

- Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Gibifski K, et al. *Acta Med Pol* 11:97-101, 1970
- Electron microscopy of human platelet aggregates formed in vitro with and without fibrin production. Warren BA, et al. *Angiologica (Basel)* 7:84-103, 1970
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69
- Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. *Brit J Haemat* 18:135-45, Feb 70
- Studies on plasminogen. VII. Mechanism of activation of bovine plasminogen. Hoepfinger LM, et al. *Canad J Biochem* 47:909-15, Oct 69
- Studies on plasminogen. 8. Species specificity of streptokinase. Wulf RJ, et al. *Canad J Biochem* 47:927-31, Oct 69
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. *Canad J Physiol Pharmacol* 47:935-40, Nov 69
- Fibrinolytic activity of rat uterine fluid. Rasmussen J, et al. *Experientia* 26:841-2, 15 Aug 70
- A simple method for purification of bovine plasminogen. Nagasawa S, et al. *J Biochem (Tokyo)* 66:273-5, Aug 69
- Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al. *J Clin Invest* 48:1786-801, Oct 69
- Partial purification and properties of a plasminogen activator from human erythrocytes. Semar M, et al. *J Clin Invest* 48:1777-85, Oct 69
- Long-term inhibition of platelet functions by aspirin. Atac A, et al. *Proc Soc Exp Biol Med* 133:1331-3, Apr 70
- Studies on proactivator activity in human blood. Lauritsen OS. *Scand J Clin Lab Invest* 23:129-36, Apr 69
- Quantitative determination of plasminogen. A caseinolytic method. Bruhn HD, et al. *Thromb Diath Haemorrh* 23:191-201, 1970
- Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Melliger EJ. *Thromb Diath Haemorrh* 23:211-27, 1970
- Isolation and purification of highly enriched tissue plasminogen activator from pig heart. Rickli EE, et al. *Thromb Diath Haemorrh* 23:64-76, 28 Feb 70
- Inhibition of platelet aggregation by dialysable fibrinogen degradation products (FDP). Stachurska J, et al. *Thromb Diath Haemorrh* 23:91-8, 28 Feb 70
- Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al. *Thromb Diath Haemorrh* 22:496-507, 31 Dec 69
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al. *Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al. *Path Biol (Paris)* 18:887-94, Jun-Jul 70 (Fre)
- [Arterial ischemic syndrome associated with plasma cryoprecipitation and cutaneous porphyria in adults] Gorin N, et al. *Presse Med* 78:1111-2, 16 May 70 (Fre)
- [In vitro studies on urokinase] Fischer M, et al. *Folia Haemat (Leipzig)* 92:51-6, 1969 (Ger)
- [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al. *Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)
- [Various syntheses of therapeutic interest in the coumarin and chromone series] Mesnard P. *Farmaco [Sci]* 25:57-83, Jan 70 (Ita)
- [Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al. *Jap J Clin Path* 18:545-9, Aug 70 (Jap)
- [Isolation and properties of the proteinase of *Aspergillus terreicola*] Korshunov VV. *Mikrobiologiya* 38:238-44, Mar-Apr 69 (Rus)
- [Achievement and clinical study of preparation plasmin, activated by urokinase] Stasiuk NS. *Probl Gemat* 12:37-9, Sep 67 (Rus)
- [Determination of fibrinolytic and antifibrinolytic activity of blood in epidemic Botkin's disease]

Arakelov RA, et al.  
Zh Eksp Klin Med 9:61-3, 1969 (Rus)

## ADMINISTRATION &amp; DOSAGE

- Quantification of the fibrinolytic activity in vitro. Coppi G, et al. *Arzneimittelforschung* 19:1762-3, Oct 69
- Some factors influencing the toxicity of thrombolytic enzymes (Brinase). Freedman HJ, et al. *Canad J Physiol Pharmacol* 48:69-76, Jan 70
- Fibrinolytic agents. Sherry S. *DM* 3:32, May 69 (29 ref.)
- Thrombolytic effect of urokinase on artificial thrombi in vitro. Suyama T, et al. *Kobe J Med Sci* 15:137-47, Sep 69
- The surgical aspects of deep vein thrombosis. Mavor GE, et al. *Proc Roy Soc Med* 63:126-31, Feb 70
- Prevention of fatal pulmonary embolism. Atik M, et al. *Surg Gynec Obstet* 130:403-13, Mar 70
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)
- [Treatment of acute arterial obliterations of the limbs] Cormier JM, et al. *J Chir (Paris)* 98:101-28, Jul-Aug 69 (Fre)
- [Clinical aspects of thrombolytic therapy] Schmutzler R. *Internist (Berlin)* 10:21-9, Jan 69 (38 ref.) (Ger)
- [Regional perfusion in the treatment of acute ischemia of the extremities] Misharev OS, et al. *Khirurgia (Moskva)* 45:35-9, Jun 69 (Rus)

## ADVERSE EFFECTS

- Various aspects of thrombolysis and fibrinolysis. Szirmai E. *Acta Med Okayama* 23:429-47, Oct 69
- Deep vein thrombosis: medical management. Flute PT. *Brit Med J* 4:878-80, 13 Dec 69
- [For and against the anticoagulants-for and against thrombolysis] Gross R. *Internist (Berlin)* 10:1-2, Jan 69 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)
- [Thrombolytic therapy. II] Sterkowicz S. *Przegl Lek* 25:698-701, 1969 (56 ref.) (Pol)

## ANALYSIS

- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70
- The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. *Bibl Haemat* 33:457-65, 1969
- Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al. *Brit J Haemat* 17:431-43, Nov 69
- Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Rosing DR, et al. *Circ Res* 27:171-84, Aug 70
- [Thrombolysis and fibrinolysis] Tanaka K. *Jap J Clin Path* 16:Suppl 16:10+, 1969 (34 ref.) (Jap)
- [A method of determining the fibrinolytic properties of tissues] Skipetrov VP. *Lab Delo* 8:482-4, 1969 (Rus)
- [Fibrinolytic properties of uterine tissues and pathogenesis of hyperfibrinolysis in obstetrical thrombohemorrhagic syndrome] Skipetrov VP. *Vop Okhr Materin Dets* 14:69-75, Mar 69 (Rus)

## ANTAGONISTS &amp; INHIBITORS

- Fibrinolysis in human fetuses. Ekelund H, et al. *Acta Paediat Scand* 59:369-76, Jul 70
- Plasminogen activator and urokinase inhibitor in myometrium, placenta, and amniotic fluid. Uszyński M, et al. *Amer J Obstet Gynec* 105:1041-3, 1 Dec 69
- Partial purification and properties of urokinase inhibitor from human placenta. Kawano T, et al. *J Biochem (Tokyo)* 67:333-42, Mar 70
- The fibrinolytic enzyme system of human blood plasma in pregnancy. Lauritsen OS. *Scand J Clin Lab Invest* 23:191-6, May 69
- [Irreversible synthetic inhibitors of urokinase] Landmann H, et al. *Experientia* 26:145-7, 1970 (Ger)

## BIOSYNTHESIS

- [Biosynthesis of fibrinolytic substance by *Mycobacterium* sp. strain 69, grown on media with



different carbon sources] Egorov NS, et al.  
Mikrobiologiya 38:442-6, May-Jun 69 (Rus)

## BLOOD

Immunological quantitative method for fibrinolytic split products and its clinical use. Seo M.  
Acta Haemat Jap 32:406-16, Jun 69  
Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al.  
Brit Med J 1:280-3, 2 May 70  
Thrombolytic effect of urokinase on artificial thrombi in vitro. Suyama T, et al.  
Kobe J Med Sci 15:137-47, Sep 69  
The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al.  
Thromb Diath Haemorrh 22:223-33, 15 Nov 69  
[The role of lipoproteins in the process of fibrinolysis] Skrzydzewski Z.  
Wiad Lek 23:1017-21, 15 Jun 70 (38 ref.) (Pol)  
[The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB.  
Vop Onkol 16:97-9, May 70 (Rus)

## CHEMICAL SYNTHESIS

Structure-dependent inhibition by synthetic fibrinolytic anions of collagen-induced aggregation of human platelets. Thilo D, et al.  
J Med Chem 13:503-10, May 70

## ISOLATION &amp; PURIFICATION

The extraction and separation of activators and inhibitors of fibrinolysis from bovine endothelium and mesothelium. Pugatch EM, et al.  
Brit J Haemat 18:669-81, Jun 70

## METABOLISM

Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al.  
Scand J Urol Nephrol 3:23-9, 1969  
The kidneys and the fibrinolytic activity in the blood. Isacson S, et al.  
Thromb Diath Haemorrh 22:211-5, 15 Nov 69  
[Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al.  
Rev Europ Etud Clin Biol 15:333-42, Mar 70 (Fre)

## PHARMACODYNAMICS

Influence of an enzyme from aspergillus oryzae, protease I, on some components of the fibrinolytic system. Klessling H, et al.  
Acta Chem Scand 24:569-79, 1970  
Fibrinolytic activity in healing wound. Peterson HI, et al.  
Acta Chir Scand 135:649-52, 1969  
Immunological quantitative method for fibrinolytic split products and its clinical use. Seo M.  
Acta Haemat Jap 32:406-16, Jun 69  
Fibrinolysis in newborns. Ekelund H, et al.  
Acta Paediat Scand 59:33-43, Jan 70  
Quantification of the fibrinolytic activity in vitro. Coppi G, et al.  
Arzneimittelforschung 19:1762-3, Oct 69  
The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al.  
Brit J Haemat 18:575-84, May 70  
New assay of fibrinolytic activity as a continuous rate reaction. Roschlau WH, et al.  
Canad J Physiol Pharmacol 48:61-8, Jan 70  
Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
Circulation 42:1-21, Jul 70 (139 ref.)  
Thrombolytic effect of urokinase on artificial thrombi in vitro. Suyama T, et al.  
Kobe J Med Sci 15:137-47, Sep 69  
The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al.  
Rev Europ Etud Clin Biol 15:442-3, Apr 70  
Inhibition of plasminogen activation and plasmin activity after euglobulin precipitation and acidification of plasma. Lauritsen OS.  
Scand J Clin Lab Invest 23:121-8, Apr 69  
Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al.  
Thromb Diath Haemorrh 23:477-85, 30 Jun 70  
[Studies on substances in the benzofuran group. 43.

Angiotrophic, anti-inflammatory and fibrinolytic properties of benzarone] Chaillet F, et al.  
Arzneimittelforschung 20:358-63, Mar 70 (Fre)  
[Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M.  
Path Europ 4:Suppl 1:9-286, 1969 (Fre)  
[Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al.  
Folia Haemat (Leipzig) 92:84-9, 1969 (Ger)  
[Pharmacological aspects of fibrinolysis] Prino G, et al.  
Boll Chimicofarm 108:655-75 contd, Nov 69 (Ita)  
[Activation of euglobulin lysis induced by Atheroid (R)] Prino G, et al.  
Boll Soc Ital Biol Sper 45:133-7, 31 Jan 69 (Ita)  
[Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al.  
Farmaco [Prat] 24:552-61, Sep 69 (Ita)  
[Controlled experimental study of the relations between fibrinolytic activity and anticoagulant activity in evaluation of activators of fibrinolysis] Cascone A, et al.  
Minerva Med 60:Suppl 99:5039+, 12 Dec 69 (Ita)  
[Studies on the activation mechanism of fibrinolysis by dextran sulphate] Mihara H, et al.  
J Physiol Soc Jap 32:25-34, Jan 70 (Jap)  
[Investigation of antithrombogenic properties of modified polymers for use in cardiovascular surgery] Vaslukov SE, et al.  
Eksp Khir Anest 14:51-4, Mar-Apr 69 (Rus)  
[Regulation of fibrinolysis and anti-fibrinolytic activity of the serum in children] Alekseenko IF.  
Sovet Zdravookhr Kirgiz 6:18-22, Nov-Dec 69 (Rus)  
[Cerebrovascular diseases. 7. Dextran treatment during thrombotic diseases] Bygdeman S.  
Lakartidningen 66:4090-3, 1 Oct 69 (Swe)

## SECRETION

The role of the arterial wall in the mechanism of thrombosis and lysis. Experimental study. Courbier R, et al.  
J Cardiovasc Surg (Torino) 10:355-61, Sep-Oct 69  
[The participation of the lungs in the body's fibrinolytic processes] Solov'ev GM, et al.  
Biull Eksp Biol Med 69:22-5, May 70 (Rus)

## STANDARDS

[In vitro studies on urokinase] Fischer M, et al.  
Folia Haemat (Leipzig) 92:51-6, 1969 (Ger)

## THERAPEUTIC USE

Experimental thrombolysis by perfusion. II. Comparative study on the effect of streptokinase, urokinase and plasmin. Egeblad K, et al.  
Acta Chir Scand 135:486-90, 1969  
Various aspects of thrombolysis and fibrinolysis. Szirmal E. Acta Med Okayama 23:429-47, Oct 69  
The control of plasminogen and plasmin during thrombolytic therapy. Blix S.  
Acta Med Scand 186:479-82, Nov 69  
The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
Bodily defenses against thrombosis. Takats G de, et al.  
Amer J Surg 120:73-81, Jul 70  
Recent developments in antithrombotic therapy. Wright IS. Ann Intern Med 71:823-31, Oct 69 (30 ref.)  
Vascular factors in the pathogenesis of acute haemorrhagic pancreatitis. Goodhead B.  
Ann Roy Coll Surg Eng 45:80-97, Aug 69  
The use of urokinase in Scribner shunts. Hartley LC, et al.  
Brit J Urol 42:246-9, Apr 70  
Prophylaxis of pulmonary embolism. Browse NL.  
Brit Med J 2:780-2, 27 Jun 70  
Deep vein thrombosis: medical management. Flute PT.  
Brit Med J 4:678-80, 13 Dec 69  
Maintenance of silastic-teflon shunts for intermittent haemodialysis. McIntosh CS, et al.  
Brit Med J 4:717-20, 20 Dec 69  
Microangiopathic haemolytic anaemia. Rosen SM, et al.  
Brit Med J 3:465, 22 Aug 70  
The effect of a fibrinolytic agent on vitreous hemorrhage in rabbits. Maberley AL, et al.  
Canad J Ophthalmol 5:55-64, Jan 70  
Thrombolytic agents and lysis of coronary artery thrombosis. Moschos CB, et al.  
Cardiovasc Res 4:228-34, Apr 70  
The accuracy of pulmonary angiography in assessing



- resolution of experimental thromboemboli. Wolf PS, et al. *Circulation* 41:59-66, Jan 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Fibrinolytic agents. Sherry S. *DM* 3-32, May 69 (29 ref.)
- The thrombolytic action of protease 1 on experimentally produced venous thrombi in the dog. Huang CL, et al. *Irish J Med Sci* 2:379-89, Aug 69
- The role of fibrinogen in renal disease. 3. Fibrinolytic and anticoagulant treatment of nephrotoxic serum nephritis in mice. Briggs JD, et al. *J Lab Clin Med* 74:715-24, Nov 69
- Pulmonary embolism and the urokinase pulmonary embolism trial. Wenger NK. *J Med Ass Georgia* 59:161-2, Apr 70
- The short-term effects of chondroitin sulfates A and C on coronary atherosclerotic subjects: With reference to its anti-thrombogenic activities. Nakazawa K, et al. *Jap Heart J* 10:289-96, Jul 69
- Selection of patients with pulmonary embolism for thrombolytic therapy. Kakkar VV, et al. *Lancet* 2:237-41, 1 Aug 70
- Thrombolytic therapy in pulmonary embolism. Kakkar VV, et al. *Lancet* 2:610, 19 Sep 70
- Increased blood-urea during phenformin therapy. Menon IS, et al. *Lancet* 2:263, 1 Aug 70
- Streptokinase for pulmonary embolism. Thomas DP. *Lancet* 2:418, 22 Aug 70
- Streptokinase for pulmonary embolism. *Lancet* 2:253-4, 1 Aug 70
- Ovarian-vein thrombosis: a postpartum surgical emergency. Report of a case. Epps JM, et al. *Med Ann DC* 39:202-4, Apr 70
- Management of pulmonary embolism. Silver D, et al. *Med Clin N Amer* 54:361-77, Mar 70 (82 ref.)
- Thrombolytic therapy in acute myocardial infarction. *Med J Aust* 2:348, 22 Aug 70
- Advances in the treatment of peripheral vascular disease. Mavor GE. *Practitioner* 203:468-82, Oct 69 (58 ref.)
- Measurement during fibrinolytic therapy. McNicol GP. *Proc Roy Soc Med* 62:1131-3, Nov 69
- The activator time. A method for control of activator activity during thrombolytic therapy. Blx S. *Scand J Haemat* 6:221-6, 1969
- [Therapy of venous thrombosis] Mahieu F, et al. *Acta Chir Belg [Suppl]* 2:3-82, 1969 (Fre)
- [Medical treatment of superficial, particularly recurrent, phlebitis] Merlen JF, et al. *Angiologie* 22:217-22, Jul-Aug 70 (Fre)
- [CY 58 in the treatment of acute ischemia of the extremities] Cassou JM, et al. *Lille Med* 14:Suppl 3:503-7, Apr 69 (Fre)
- [CY 58 in treatment of acute ischemia of the extremities] Cassou JM, et al. *Lille Med* 14:Suppl 3:503-7, Apr 69 (Fre)
- [Fibrinolytic treatment of cerebral thromboembolism] Castellano F, et al. *Neurochirurgie* 16:81-8, Jan-Feb 70 (Fre)
- [Medical treatment in superficial phlebitis, especially recurring phlebitis] Merlen JF, et al. *Phlebologie* 23:75-9, Jan-Mar 70 (Fre)
- [Treatment of thrombosis of the central retinal vein by anticoagulants or by thrombolytics] Ottolander GJ den, et al. *Phlebologie* 23:73-4, Jan-Mar 70 (Fre)
- [Evolution of the clot in acute pulmonary embolism in man. Angiographic and hemodynamic statement] Bory M, et al. *Presse Med* 78:110, 17 Jan 70 (Fre)
- [Fibrinolytic therapy] Wehrlin N. *Rev Infirm Assist Soc* 19:977-80, Oct 69 (Fre)
- [Anticoagulant therapy in heart disease] Lübcke P. Agnes Karll Schwest 24:94-6, Mar 70 (Ger)
- [Thrombolytic therapy in acute arterial occlusions] Ehringer H, et al. *Deutsch Med Wschr* 95:610-5 passim, 20 Mar 70 (Ger)
- [Guidelines and results of consequent fibrinolytic therapy in phlegmasia cerulea dolens] Paquet KJ, et al. *Deutsch Med Wschr* 95:903-4, 17 Apr 70 (Ger)
- [Thrombolytic therapy] Schimpf K. *Deutsch Med Wschr* 94:2292-4, 31 Oct 69 (Ger)
- [On the treatment of myocardial infarct with special reference to fibrinolytic substances] Heinrich HG. *Folia Haemat (Leipzig)* 92:38-45, 1969 (Ger)
- [For and against the anticoagulants--for and against thrombolysis] Gross R. *Internist (Berlin)* 10:1-2, Jan 69 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)
- [Clinical aspects of thrombolytic therapy] Schmutzler R. *Internist (Berlin)* 10:21-9, Jan 69 (38 ref.) (Ger)
- [Conservative therapy of pulmonary embolism] Lasch HG. *Langenbecks Arch Chir* 325:1052-60, 1969 (Ger)
- [Therapy of cor pulmonale] Fruhmant G. *Med Klin* 64:2324-8, 12 Dec 69 (17 ref.) (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Immediate therapy in arterial occlusion caused by embolism] Koncz J, et al. *Z Allgemeinmed* 45:1470-6, 10 Nov 69 (Ger)
- [Phlegmasia coerulea dolens following cesarean section, treated by conservative (fibrinolytic and anticoagulant) therapy] Bösze P, et al. *Orv Hetil* 111:448-50, 22 Feb 70 (Hun)
- [Clinico-radiological findings on splanchnic ischemic syndromes] Modigliani U, et al. *Acta Chir Ital* 24:39-50, Jan-Feb 68 (Ita)
- [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al. *Boll Chimicofarm* 106:67-84, Feb 67 (172 ref.) (Ita)
- [Pharmacological aspects of fibrinolysis] Prino G, et al. *Boll Chimicofarm* 108:727-60 passim, Dec 69 (613 ref.) (Ita)
- [Blood coagulation changes studied by means of thrombelastography in various neoplastic manifestations during medical, surgical, and radiotherapy] Barlattani M, et al. *Clin Ter* 49:221-58, May 69 (Ita)
- [Therapy of cerebral vascular accidents] Visco G. *Policlinico [Prat]* 76:701-17, 2 Jun 69 (69 ref.) (Ita)
- [Fibrinolytic and "consumption" coagulopathy. Therapeutic and clinical remarks] Dyk T. *Pol Tyg Lek* 24:1318-22, 25 Sep 69 (Pol)
- [Thrombolytic therapy. II] Sterkowicz S. *Przegl Lek* 25:698-701, 1969 (56 ref.) (Pol)
- [The treatment of acute arterial thrombosis and embolism of the extremities with thrombolytic preparations] Drevina AI, et al. *Khirurgia (Moskva)* 45:26-30, Jun 69 (Rus)
- [Anesthesia in the treatment of arterial obstruction of the extremities by the regional perfusion method] Lipen' EB. *Khirurgia (Moskva)* 45:45-8, Jun 69 (Rus)
- [Analysis of the effectiveness of anticoagulant and fibrinolytic therapy in myocardial infarct] Kheinonen IM, et al. *Klin Med (Moskva)* 47:41-8, Jul 69 (Rus)
- [Certain aspects of the tactics of anticoagulant therapy in myocardial infarct] Anisimov VK. *Ter Arkh* 41:94-9, Apr 69 (Rus)
- [Changes in electroretractographic indices of the blood in patients with thrombophlebitis treated with fibrinolytic and anticoagulant agents] Previna AI, et al. *Vestn Khir Grekov* 103:70-4, Oct 69 (Rus)
- [2 cases of intestinal gangrene due to venous thrombosis successfully treated by streptase] Vujadinović B, et al. *Srpski Arh Celok Lek* 97:365-8, May 69 (Ser)

## TOXICITY

- Some factors influencing the toxicity of thrombolytic enzymes (Brinase). Freedman HJ, et al. *Canad J Physiol Pharmacol* 48:69-76, Jan 70

## URINE

- Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al. *Brit Med J* 1:260-3, 2 May 70
- Oral contraceptives and urokinase activity. Moses HA, et al. *J Nat Med Ass* 61:466-9, Nov 69
- Effect of bradykinin on the urokinase excretion in rabbits. Hamberg U, et al. *Scand J Clin Lab Invest Suppl* 107:105+, 1969
- Effect of bradykinin on the urokinase excretion in rabbits. Hamberg U, et al. *Scand J Clin Lab Invest* 24:Suppl 107:105+, 1969
- [Action of calcium and parathyroid hormone on the excretion of electrolytes and urokinase in idiopathic parathyroid insufficiency] Verbanck M, et al. *J Urol Nephrol (Paris)* 75:983-93, Dec 69 (Fre)
- [Mechanical and biochemical measures in the prevention of thromboembolism following prostatectomy] Schrader CP. *Langenbecks Arch Chir* 325:1088-90, 1969 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase



- excretion] Theiss W, et al.  
 Thromb Diath Haemorrh 23:369-85, 1970 (Ger)  
 [Experimental studies on fibrin pyelotomy]  
 Klosterhalfen H, et al.  
 Urologe 8:167-9, May-Jun 69 (Ger)  
 [Importance of the kidney in coagulo-fibrinolytic  
 homeostasis. Preventive therapy of thromboembolic  
 complications] Parodi A, et al.  
 Clin Ter 51:453-64, Dec 69 (Ita)  
 [Urine fibrinolytic activity (urokinase) in patients with  
 coronary disease] Panchenko VM.  
 Klin Med (Moskva) 47:52-5, Jul 69 (Rus)

## HEMANGIOENDOTHELIOMA

- Multiple malignant (haem) angioendotheliomas of the  
 stomach and small intestine. Vrind HM, et al.  
 Arch Chir Neerl 22:15-23, 1970  
 Angioendothelioma (lymphatic type). Gold SC.  
 Brit J Derm 82:92-3, Jan 70  
 Malignant endovascular papillary angioendothelioma of  
 the skin in childhood. Clinicopathologic study of 6  
 cases. Dabska M. Cancer 24:503-10, Sep 69  
 Some interesting skin tumours met with in the skin  
 department General Hospital Madras between 1964  
 and 1968. Rau US. Indian J Derm 14:115-7, Apr 69  
 Malignant neoplasm of the penis. Report of  
 endothelioma in a Muslim boy. Chandra K, et al.  
 Indian J Pediat 36:412-5, Oct 69  
 Malignant hemangioendothelioma of the cervical spine.  
 A case report. Sweterlitsch PR, et al.  
 J Bone Joint Surg [Brit] 52:805-8, Jun 70  
 Hemangioendotheliosarcoma. Dutt AK.  
 Med J Malaya 24:161-3, Dec 69  
 Studies on morphological precursors of the mouse  
 hepatoma induced with o-aminoozotoluene. II.  
 Sequence to the development of hepatoma and its  
 gradation with strain SL mice. Ito K.  
 Mie Med J 19:173-87, Sep 69  
 Induction of tumors in ICR mice with  
 N-nitrosopiperidine, especially in forestomach.  
 Takayama S. Naturwissenschaften 56:142, Mar 69  
 Hepatic hemangioendothelioma during infancy:  
 pathology, diagnosis and treatment with prednisone.  
 Touloukian RJ. Pediatrics 45:71-6, Jan 70  
 [Cancer of the small intestine] Chevrel B, et al.  
 Presse Med 78:1415-8, 24 Jun 70 (Fre)  
 [Tumors of the soft tissues] Rizzl I.  
 Minerva Med 60:3451-74, 15 Sep 69 (Ita)  
 [A case of a hemangioendothelioma in the right upper  
 lid extending to the orbit] Okuda K, et al.  
 Folia Ophthal Jap 21:341-50, Apr 70 (Jap)  
 [Case of hemangioendothelioma originating from the  
 soft tissue of the knee joint] Kondo S, et al.  
 Orthop Surg (Tokyo) 20:1582-5, Dec 69 (Jap)  
 [Cavernous hemangioendothelioma] Gabrys A.  
 Pol Przegl Chir 42:102-4, Jan 70 (Pol)  
 [Hepatic hemangioendothelioma. General findings.  
 Case report] Galper E, et al.  
 Hospital (Rio) 75:1935-41, Jun 69 (Por)

## CHEMICALLY INDUCED

- The production of hemangioendotheliosarcoma in rats  
 by feeding  
 5-acetamido-3-(5-nitro-2-furyl)-6H-1,2,4-oxadiazine.  
 Ertürk E, et al. Cancer Res 29:2212-8, Dec 69  
 Sequential effects of chemically different carcinogens,  
 dimethylnitrosamine and  
 4-dimethylaminoazobenzene, on  
 hepatocarcinogenesis in rats. Takayama S, et al.  
 Int J Cancer 4:373-83, 15 Jul 69

## COMPLICATIONS

- Hemangioendothelioma of the liver associated with  
 microangiopathic hemolytic anemia. Report of four  
 cases. Alpert LI, et al. Amer J Med 48:624-8, May 70  
 Acquired sixth-nerve paresis in children. Robertson  
 DM, et al. Arch Ophthal (Chicago) 83:574-9, May 70  
 [Vascular etiology of so-called adamantinoma (primary  
 epithelial tumor) of long tubular bones] Vinogradova  
 TP. Arkh Pat 31:14-24, 1969 (Rus)  
 [Endothelioma of the abdominal portion of the aorta  
 complicated by pancreonecrosis] Savkiv BT, et al.  
 Vrach Delo 6:131-3, Jun 68 (Rus)

## DIAGNOSIS

- Inflammatory angiomatous nodules with abnormal

- blood vessels occurring about the ears and scalp  
 (pseudo or atypical pyogenic granuloma). Jones EW,  
 et al. Brit J Derm 81:804-16, Nov 69  
 Primary paravascular hemangioma. Fernicola AR.  
 J Med Soc New Jersey 67:523-6, Sep 70  
 Malignant melanoma of the choroid. An unusual  
 variant. Donders PC.  
 Ophthalmologica (Basel) 160:314-8, 1970  
 Hepatic hemangioendothelioma during infancy:  
 pathology, diagnosis and treatment with prednisone.  
 Touloukian RJ. Pediatrics 45:71-6, Jan 70  
 [Recurrent pericardial effusion of the newborn infant  
 and benign hemangioendothelioma] Chevrel ML, et al.  
 Ann Anat Path (Paris) 14:335-42, Jul-Sep 69 (Fre)  
 [Hemangioepithelioma of the uterus] Laffargue P, et al.  
 Ann Anat Path (Paris) 14:195-212, Apr-Jun 69 (Fre)  
 [A case of synovialoma or malignant  
 hemangioendothelioma of the wrist] Fevrier JC.  
 Ann Chir Plast 15:156-8, 1970 (Fre)  
 [Pseudo-leititis. Apropos of 3 diagnostic errors]  
 Laplane R, et al.  
 Ann Pediat (Paris) 17:355-61, 2 May 70 (Fre)  
 [Hepatic hemangioendothelioma. General findings.  
 Case report] Galper E, et al.  
 Hospital (Rio) 75:1935-41, Jun 69 (Por)  
 [The clinical picture of extramedullary neoplasms  
 lying anterior to the spinal cord] Pen'kovoï KI.  
 Zh Nevropat Psikhiat Korsakov 70:664-9, May 70 (Rus)

## DRUG THERAPY

- Hepatic hemangioendothelioma during infancy:  
 pathology, diagnosis and treatment with prednisone.  
 Touloukian RJ. Pediatrics 45:71-6, Jan 70  
 [Combined chemotherapy of malignant tumors of  
 angioecogenic origin] Sokolov IuN.  
 Vestn Akad Med Nauk SSSR 24:40-5, 1969 (Rus)

## ETIOLOGY

- [Thorotrast damage. Review and report of 3 cases]  
 Barousch R.  
 Wien Med Wschr 119:681-5, 11 Oct 69 (Ger)

## METABOLISM

- [Histochemical characteristics of ascorbic acid in  
 nervous system tumors] Kasab'ian SS, et al.  
 Arkh Pat 31:48-52, 1969 (Rus)

## OCCURRENCE

- Malignant endovascular papillary angioendothelioma of  
 the skin in childhood. Clinicopathologic study of 6  
 cases. Dabska M. Cancer 24:503-10, Sep 69  
 [A case of a hemangioendothelioma in the right upper  
 lid extending to the orbit] Okuda K, et al.  
 Folia Ophthal Jap 21:341-50, Apr 70 (Jap)  
 [Osteoarticular tumors of the hand] Cerveňanský J, et  
 al.  
 Acta Chir Orthop Traum Cech 37:198-201, Aug 70 (Slo)

## PATHOLOGY

- Brain metastases from haemangioendothelioma of the  
 spleen. Report of a case. Nurick S, et al.  
 Acta Neuropath (Berlin) 14:345-9, 1970  
 Malignant primary vein tumors. Leu HJ, et al.  
 Angiologica (Basel) 6:302-9, 1969  
 Multiple malignant (haem) angioendotheliomas of the  
 stomach and small intestine. Vrind HM, et al.  
 Arch Chir Neerl 22:15-23, 1970  
 Angioendothelioma (lymphatic type). Gold SC.  
 Brit J Derm 82:92-3, Jan 70  
 Haemangiomatous and meningiomatous  
 endotheliomata of the orbit (histopathologic study).  
 Mortada A, et al.  
 Bull Ophthal Soc Egypt 62:351-60, 1969  
 Malignant endovascular papillary angioendothelioma of  
 the skin in childhood. Clinicopathologic study of 6  
 cases. Dabska M. Cancer 24:503-10, Sep 69  
 Sequential effects of chemically different carcinogens,  
 dimethylnitrosamine and  
 4-dimethylaminoazobenzene, on  
 hepatocarcinogenesis in rats. Takayama S, et al.  
 Int J Cancer 4:373-83, 15 Jul 69  
 Case records of the Angell Memorial Animal Hospital.  
 J Amer Vet Med Ass 155:1508-13, 1 Nov 69  
 Malignant hemangioendothelioma of the cervical spine.



# SUBJECT SECTION

## HEMANGIOMA

- A case report. Sweterlitsch PR, et al.  
*J Bone Joint Surg [Brit]* 52:805-8, Jun 70  
 Primary paravascular hemangioma. Fernicola AR.  
*J Med Soc New Jersey* 67:523-6, Sep 70  
 Multiple malignant neoplasms in a golden hamster. A case report and literature survey. Kesterson JW, et al.  
*Lab Anim Care* 20:220-5, Apr 70 (21 ref.)  
 Hepatic hemangioendothelioma during infancy: pathology, diagnosis and treatment with prednisone. Touloukian RJ. *Pediatrics* 45:71-6, Jan 70  
 [Recurrent pericardial effusion of the newborn infant and benign hemangioendothelioma] Chevrel ML, et al.  
*Ann Anat Path (Paris)* 14:335-42, Jul-Sep 69 (Fre)  
 [Clinical picture and morphology of the struma maligna] Lessen H van, et al.  
*Bruns Beitr Klin Chir* 217:108-23, Mar 69 (Ger)  
 [A case of a hemangioendothelioma in the right upper lid extending to the orbit] Okuda K, et al.  
*Folia Ophthal Jap* 21:341-50, Apr 70 (Jap)  
 [Tumor of the left cheek] Alhara M.  
*Jap J Clin Path* 18:39-40, Jan 70 (Jap)  
 [Case of hemangioendothelioma originating from the soft tissue of the knee joint] Kondo S, et al.  
*Orthop Surg (Tokyo)* 20:1582-5, Dec 69 (Jap)  
 [A case of multifocal endothelioma of the leg and foot bones in a 25-year-old man] Papla B, et al.  
*Pat Pol* 20:261-5, Apr-Jun 69 (Pol)  
 [2 cases of hemendothelioma of the lung] Druzhinina VS. *Vestn Rentgen Radiol* 44:98-100, Mar-Apr 69 (Rus)

### RADIOGRAPHY

- Angiography in primary hepatic tumours in children. Fredens M.  
*Acta Radiol [Diagn] (Stockholm)* 8:193-200, May 69  
 Angiography of vascular lesions of the face and neck. Walk FS, et al. *J Canad Ass Radiol* 20:165-75, Sep 69  
 Primary paravascular hemangioma. Fernicola AR.  
*J Med Soc New Jersey* 67:523-6, Sep 70  
 [2 cases of hemendothelioma of the lung] Druzhinina VS. *Vestn Rentgen Radiol* 44:98-100, Mar-Apr 69 (Rus)

### RADIOTHERAPY

- Hepatic hemangioendothelioma during infancy: pathology, diagnosis and treatment with prednisone. Touloukian RJ. *Pediatrics* 45:71-6, Jan 70

### SURGERY

- Multiple malignant (haem) angioendotheliomas of the stomach and small intestine. Vrind HM, et al.  
*Arch Chir Neerl* 22:15-23, 1970  
 Hematological study on a case with cerebellar hemangioblastoma associated with erythrocytosis, with special reference to a erythropoiesis-stimulating activity present in the fluid of the cyst of tumor. Kawafuchi JJ, et al. *Blut* 20:69-75, Feb 70  
 Successful excision of a giant scalp hemangioendothelioma in an infant. Cantu RC.  
*Int Surg* 53:293-5, Apr 70  
 Primary paravascular hemangioma. Fernicola AR.  
*J Med Soc New Jersey* 67:523-6, Sep 70  
 [Surgery of malignant lung neoplasms] Salzer G. *Chirurg* 41:289-93, Jul 70 (Ger)  
 [Its surgery for benign lung tumors justified?] Lichtenauer F, et al.  
*Thoraxchirurgie* 17:213-21, Jun 69 (Ger)  
 [Diagnostic difficulties and treatment of mandibular endothelioma in a 7-year-old child] Sikora-Gierowska I, et al. *Czas Stomat* 23:267-71, Mar 70 (Pol)

### VETERINARY

- Case records of the Angell Memorial Animal Hospital. *J Amer Vet Med Ass* 155:1508-13, 1 Nov 69  
 Multiple malignant neoplasms in a golden hamster. A case report and literature survey. Kesterson JW, et al.  
*Lab Anim Care* 20:220-5, Apr 70 (21 ref.)

## HEMANGIOMA

- Hemangioma of the placenta. Case report and review of the literatures. Lin JB, et al.  
*Acta Obstet Gynaec Jap* 17:107-14, Apr 70  
 Synovial hemangioma of the knee. Stevens J, et al.  
*Arthritis Rheum* 12:647-9, Dec 69  
 Polydactyly and other minor stigmata associated with 46,XX-47,XX,D+ mosaicism. Bowen P, et al.  
*Canad Med Ass J* 102:49-51, 17 Jan 70

- Soft tissue tumors of the penis. A clinicopathologic study of 46 cases. Dehner LP, et al.  
*Cancer* 25:1431-47, Jun 70  
 Polyps in the large bowel in children. Cremin BJ, et al.  
*Clin Radiol* 21:195-200, Apr 70  
 Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
*J Amer Podiat Ass* 60:63-75, Feb 70 (68 ref.)  
 Hemangioma of spinal canal. Makk L, et al.  
*J Kentucky Med Ass* 67:825-6, Nov 69  
 Hemangioma of the parotid gland: report of case. Cowan WK, et al. *J Oral Surg* 28:129-30, Feb 70  
 Benign nonodontogenic tumors of the jaws. Walker DG.  
*J Oral Surg* 28:39-57, Jan 70  
 Hemangiomas. Laymon CW. *Minn Med* 53:453-4, Apr 70  
 Renal angliomyolipoma. Report of a case. Fryjordet A Jr. *Scand J Urol Nephrol* 3:69-71, 1969  
 [Skin hemangiomas in children] Huffstadt AJ.  
*Nederl T Geneesk* 114:181-5, 31 Jan 70 (Dut)  
 [Morphological and clinical aspects of the chorioangioma placenta] Wallenburg HC.  
*Nederl T Geneesk* 113:1757-9, 4 Oct 69 (Dut)  
 [A case of angio-myolipoma of the kidney revealed by an encysted hematoma. Arteriographic study] Poilleux J, et al. *Ann Chir* 24:311-5, Mar 70 (Fre)  
 [Hemangioma of the left liver lobe. Arteriography. Left hepatectomy] Legré M, et al.  
*Arch Franc Mal Appar Dig* 59:285-6, Apr-Mar 70 (Fre)  
 [Case of anglioma of the small intestine in a child] Caille B, et al. *Arch Franc Pediat* 26:581-9, May 69 (Fre)  
 [Some problems in child dermatology] Sourreil MP, et al. *Bordeaux Med* 3:1603-20, Jun 70 (Fre)  
 [Cystic formation in otorhinolaryngology] Tchedomir I. *Bordeaux Med* 3:1305-82 contd, May 70 (Fre)  
 [Anglioma of the small intestine] Krivine JM.  
*Mem Acad Chir (Paris)* 95:435-8, 1969 (Fre)  
 [Information on and problems with the Patau syndrome] Schettler D, et al.  
*Deutsch Zahnärztl Z* 24:966-70, 1969 (Ger)  
 [Rare tumors of the iris and ciliary body. 2. Hemangioma simplex of the ciliary body] Bruck C.  
*Klin Mbl Augenheilk* 154:49-53, Jan 69 (Ger)  
 [Unusual case of fibromyxangioma of the stomach] Parma A, et al.  
*Acta Chir Ital* 25:499-571, Jul-Aug 69 (Ita)  
 [Mesenchymal abnormalities and hematological disorders in Turner's syndrome] Ferramosca B, et al.  
*Arch Maragliano Pat Clin* 26:29-46, Jan-Feb 70 (Ita)  
 [Aging and virus production of cells transformed by polyoma virus] Pitzurra M, et al.  
*Boll Soc Ital Biol Sper* 46:215-8, 15 Mar 70 (Ita)  
 [Angiodysplasias of the hand] Azzolini A.  
*Minerva Chir* 23:313-31, 15 Apr 68 (Ita)  
 [Tumors of the soft tissues] Rizzi I.  
*Minerva Med* 60:3451-74, 15 Sep 69 (Ita)  
 [Pericardial cyst: report of a case] Ino A, et al.  
*Jap J Thorac Surg* 23:283-7, 1 Apr 70 (Jap)  
 [Tumors of the fundus oculi] Isayama Y.  
*Ophthalmology (Tokyo)* 12:648-57, Aug 70 (Jap)  
 [Arteriovenous hemangioma of the hand] Nagay B.  
*Chir Narzad Ruchu Ortop Pol* 35:133-4, 1970 (Pol)  
 [Hemangiomas of the oral cavity] Hattowska H, et al.  
*Otolaryng Pol* 24:327-32, 1970 (Pol)  
 [Symptomatic hemangioma of the cervical vertebrae] Jordan J, et al. *Otolaryng Pol* 24:99-103, 1970 (Pol)  
 [Kasabach-Merritt syndrome] Gura C, et al.  
*Wlad Lek* 23:1145-51, 1 Jul 70 (Pol)  
 [Phlebangioma of the arm] Dragomir D, et al.  
*Rev Medicochir Iasi* 73:1001-3, Oct-Dec 69 (Rum)  
 [Benign neoplasms of the lungs] Bondarenko VA, et al.  
*Klin Khir (Kiev)* 4:41-4, Apr 69 (Rus)  
 [2 cases of tumors of the spleen] Mitrofanov EI, et al.  
*Klin Khir (Kiev)* 2:59-62, Feb 69 (Rus)  
 [2 cases of tumor of the heart] Aleksandrova EA.  
*Klin Med (Moskva)* 47:97-100, Jun 69 (Rus)  
 [Primary tumors of the spine] Korzh AA, et al.  
*Ortop Travm Protez* 30:14-20, Apr 69 (Rus)  
 [Hemangioma of bone] Sashchikova VG.  
*Vestn Khir Grekov* 102:124, Jun 69 (Rus)

### BLOOD

- Chronic intravascular coagulation (IFC) syndrome. Owen CA Jr, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:197+, 1969

### CHEMICALLY INDUCED

- Hemangiomatosis of the liver with thrombosis



- following use of an oral contraceptive. Kositchek RJ, et al. *Calif Med* 113:70-4, Sep 70
- Effect of alkylbenzenesulfonate as a vehicle for 4-nitroquinoline 1-oxide on gastric carcinogenesis in rats. Takahashi M. *Gann* 61:27-33, Feb 70
- [Features of the carcinogenic effect of 3,3'-benzidine dicarboxylic acid] Pliss GB. (Rus)  
*Vop Onkol* 15:60-4, 1969

## CLASSIFICATION

- Benign tumors of lung and tracheobronchial tree. Miller DR. *Ann Thorac Surg* 8:542-60, Dec 69 (132 ref.)
- Hemangiomas. Laymon CW. *Minn Med* 53:453-4, Apr 70
- Diffuse neonatal hemangiomatosis. Holden KR, et al. *Pediatrics* 46:411-21, Sep 70
- [Benign bronchial and lung neoplasms] Schaudig A. *Chirurg* 41:294-301, Jul 70 (Ger)
- [Hemangiomas] Schnyder UW. *Deutsch Med Wschr* 94:1990-1, 26 Sep 69 (Ger)
- [Hemangiomas of the oral cavity] Hattowska H, et al. *Otolaryng Pol* 24:327-32, 1970 (Pol)
- [Systematic classification of angiomatous formations] Gomez Orbaneja J. *Actas Dermosif (Madrid)* 60:123-52, May-Jun 69 (Spa)

## COMPLICATIONS

- A giant congenital arteriovenous aneurysm in perineal region. Report of a case. Seppänen J, et al. *Acta Chir Scand* 135:647-8, 1969
- Placental hypertrophy associated with chorangioma. Sen DK. *Amer J Obstet Gynec* 107:652-4, 15 Jun 70
- Upper respiratory tract obstruction in infants and children. Dunbar JS. *Amer J Roentgen* 109:227-46, Jun 70
- Unusual causes of occult bleeding from the gastrointestinal tract. Stafford ES, et al. *Amer J Surg* 119:208-12, Feb 70
- Klippel-Trenaunay syndrome, omental hemangioma with hemorrhage. Komi N, et al. *Bull Tokyo Med Dent Univ* 17:1-7, Mar 70
- Serous detachment of the macula. Schneider RJ. *Canad J Ophthalm* 5:117-26, Apr 70
- Multiple bile-duct hamartomas. Chung EB. *Cancer* 26:287-96, Aug 70
- Thrombocytopenia in a patient with a relatively small facial hemangioma. Successful management with irradiation after failure of prednisone therapy. Corby DG, et al. *Clin Pediat (Phila)* 8:728-31, Dec 69
- Intestinal obstruction in a newborn with congenital atresia and volvulus caused by hemangioma of the small bowel. Case report. Elefant E, et al. *Clin Pediat (Phila)* 9:287-9, May 70
- Ligation of the hepatic artery in the treatment of heart failure due to hepatic haemangiomatosis. Rake MO, et al. *Gut* 11:512-5, Jun 70
- Hemangioma and lymphangioma. Dennison WM. *Indian J Pediat* 36:366-9, Oct 69
- The phlebectasias of old age--Incidence and diagnostic importance. Kocsard E, et al. *J Amer Geriatr Soc* 18:31-8, Jan 70
- Cerebral vascular disease in pregnancy. I. Haemorrhage. Amias AG. *J Obstet Gynaec Brit Comm* 77:100-20, Feb 70
- Angiomyolipoma of the kidney: report of 27 cases and review of the literature. Hajdu SI, et al. *J Urol* 102:396-401, Oct 69
- Multiple intracranial aneurysms associated with metastatic malignancy of brain. Devadiga KV, et al. *Neurol India* 17:143-4, Sep 69
- The influence of placental lesions on the newborn infant. Shanklin DR. *Pediat Clin N Amer* 17:25-42, Feb 70
- Acute hemangioma-like lesions associated with ECHO viral infections. Cherry JD, et al. *Pediatrics* 44:498-502, Oct 69
- Diffuse neonatal hemangiomatosis. Holden KR, et al. *Pediatrics* 46:411-21, Sep 70
- Control of arteriovenous fistulae in massive facial hemangioma by muscle embol. Case report. Cunningham DS, et al. *Plast Reconstr Surg* 46:305-8, Sep 70
- Retinitis pigmentosa, haemangioma, diabetes mellitus, psoriasis, hypertension. Wright MG, et al. *Proc Roy Soc Med* 63:628, Jun 70
- Brain angioma and intracerebral haematoma. Ameli NO. *Progr Brain Res* 30:427-31, 1968
- To the discussion of arterio-venous anomalies. Kunicki A. *Progr Brain Res* 30:397-401, 1968

- The relative importance of atheroma in the clinical course of arteriovenous angiomata of the brain. Pallas JE, et al. *Progr Brain Res* 30:419-25, 1968
- Arteriography in the diagnosis of large bowel bleeding. Clark RA, et al. *Radiology* 94:83-8, Jan 70
- Renal angiomyolipoma. Report of a case. Fryjordet A Jr. *Scand J Urol Nephrol* 3:69-71, 1969
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- [Thymoangiofibrolipoma associated with bone lesions] Ribet M, et al. *Ann Chir Thorac Cardiovasc* 8:173-7, Mar 69 (Fre)
- [Extra-dural dorsal angiolipoma: unusual case of medullary compression] Warot P, et al. *Lille Med* 14:311-5, Mar 69 (Fre)
- [Renal angiomyolipoma revealed by profuse hematuria associated with Bourneville's tuberous sclerosis] Fournier A, et al. *Pediatr* 24:79-85, Jan-Feb 69 (Fre)
- [A case of marginal hemosiderosis of the central nervous system secondary to medullary angiomata] Foncin JF, et al. *Rev Neurol (Paris)* 116:685-90, Jun 67 (Fre)
- [Therapy of subarachnoid hemorrhage] Pla HW. *Deutsch Med Wschr* 95:700-2, 27 Mar 70 (Ger)
- [Possibility of error in the interpretation of encephalotrophic findings] Rabe W. *Wien Z Nervenheilk* 27:365-82, 1969 (Ger)
- [Ataxia-telangiectasia (Louis-Bar-syndrome). Report on seven cases] Terheggen HG, et al. *Z Kinderheilk* 107:324-42, 1970 (Ger)
- [Pulmonary hemangioendoteliumatosis] Güttner J. *Zbl Allg Path* 112:321-6, 1969 (Ger)
- [Hemangioma of the parotid gland with multiple phleboliths] Brands T. *Zbl Chir* 94:1064-7, 9 Aug 69 (Ger)
- [Angiohamartoma of the uterus] Schrodt U. *Zbl Gynaek* 91:421-4, 29 Mar 69 (Ger)
- [The adult form of the Kasabach-Merritt syndrome] Boros G, et al. *Orv Hetil* 111:1998-2004, 23 Aug 70 (Hun)
- [Fabry's angiokeratoma circumscriptionum naeviforme] Benedicenti A. *G Ital Derm* 44:659-64, Dec 69 (Ita)
- [Case of double primary pulmonary tumors-hemangiomatous squamous cell carcinoma] Hamano T, et al. *Jap J Thorac Surg* 23:125-9, Feb 70 (Jap)
- [Sturge-Weber syndrome] Gazdowska-Nawrocka D, et al. *Pol Przegl Radiol* 34:305-7, May-Jun 70 (Pol)
- [Mixed form of neuroectomesodermal dysplasia with features of Sturge-Weber and Klippel-Trenaunay syndromes] Kopyś Z, et al. *Wiad Lek* 23:575-9, 1 Apr 70 (Pol)
- [Angiohypertrophic necrotic myelitis and venous angiomata of the spinal cord] Duma D, et al. *Neurologia (Bucur)* 14:423-33, Sep-Oct 69 (Rum)
- [On the problem of Mafucci's syndrome] Kudinskiy IG, et al. *Klin Khir (Kiev)* 9:89-90, Sep 67 (Rus)

## CONGENITAL

- A giant congenital arteriovenous aneurysm in perineal region. Report of a case. Seppänen J, et al. *Acta Chir Scand* 135:647-8, 1969
- Multiple congenital anomalies in an infant with an elongated B-group chromosome. Kelch RP, et al. *Amer J Ment Defic* 74:436-40, Nov 69
- Infantile hemangioma of the parotid gland; a clinicopathological study of 15 cases. Goldman RL, et al. *Arch Otolaryng (Chicago)* 90:605-8, Nov 69
- Arteriovenous fistulas: a review and ten-year experience at the Mayo Clinic. Gomes MM, et al. *Mayo Clin Proc* 45:81-102, Feb 70 (73 ref.)
- Diffuse neonatal hemangiomatosis. Holden KR, et al. *Pediatrics* 46:411-21, Sep 70
- Pregnancies after chemotherapy of trophoblastic neoplasms. Van Thiel DH, et al. *Science* 169:1326-7, 25 Sep 70
- [Fabry's angiokeratoma circumscriptionum naeviforme] Benedicenti A. *G Ital Derm* 44:659-64, Dec 69 (Ita)
- [Various current problems of angiomata in children] García-Pérez A, et al. *Actas Dermosif (Madrid)* 60:171-91, May-Jun 69 (Spa)

## DIAGNOSIS

- Evaluation of chest masses in children with early and delayed radionuclide angiography. Conway JJ, et al. *Amer J Roentgen* 108:575-81, Mar 70
- The radioactive phosphorus uptake test in diagnosis of



# SUBJECT SECTION

## HEMANGIOMA

- uveal melanoma. Hagler WS, et al.  
Arch Ophthal (Chicago) 83:548-57, May 70
- Idiopathic joint apoplexy. Miller A.  
Arthritis Rheum 12:646, Dec 69
- Choroidal melanoma. Fluorescence angiographic and histopathological study. Hayreh SS.  
Brit J Ophthal 54:145-60, Mar 70
- Vascular malformations simulating salivary disease. Dempsey EF, et al. Brit J Plast Surg 23:77-84, Jan 70
- Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)
- Hemangioma of spinal canal. Makk L, et al.  
J Kentucky Med Ass 67:825-6, Nov 69
- Sacroccygeal teratoma in children. Dillard BM, et al.  
J Pediat Surg 5:53-9, Feb 70
- Congenital hemihypertrophy of the face: Impersonator of childhood facial tumors. Furnas DW, et al.  
J Pediat Surg 5:344-8, Jun 70
- Renal angiolipoma: report of 2 cases. Konuralp HZ, et al. J Urol 104:47-9, Jul 70
- Scintigraphy and angiography in primary tumours of bones and joints. (Correlations, limits and possibilities). Kolář J, et al.  
Neoplasma (Bratisl) 17:265-72, 1970
- Value of cutaneous angliomas in the arteriographic localization of spinal-cord arteriovenous malformations. Doppman JL, et al.  
New Eng J Med 281:1440-4, 25 Dec 69
- Diagnosis of hepatic hemangioma with combined scanning technique. Freeman LM, et al.  
Radiology 95:127-8, Apr 70
- Lymphangiomatosis of bone. Steiner GM, et al.  
Radiology 93:1093-8, Nov 69
- Experience with benign tumors of the liver. Malt RA, et al. Surg Gynec Obstet 130:285-91, Feb 70
- Tumors of the chest wall. Teitelbaum SL.  
Surg Gynec Obstet 129:1059-73, Nov 69 (103 ref.)
- [Brain scanning-cerebral scintigraphy] Rasmussen P, et al. Nord Med 84:1134-9, 3 Sep 70 (Dan)
- [Choroid melanoma or choroid hemangioma?] Loewer-Sieger DH, et al.  
Nederl T Geneesk 114:493-4, 14 Mar 70 (Dut)
- [One-dimension (A scan) echoencephalography. Its use in the clinical neurology of a general hospital] Henneaux J. Acta Neurol Belg 69:632-60, Aug 69 (Fre)
- [Hemangioepithelioma of the uterus] Laffargue P, et al. Ann Anat Path (Paris) 14:195-212, Apr-Jun 69 (Fre)
- [A rare tumor: angiolipoma of the kidney] Méry JP, et al.  
Ann Med Intern (Paris) 121:599-608, Jun-Jul 70 (Fre)
- [Pseudo-leititis. Apropos of 3 diagnostic errors] Laplane R, et al.  
Ann Pediat (Paris) 17:355-61, 2 May 70 (Fre)
- [Case of anglioma of the small intestine in a child] Calle B, et al. Arch Franc Pediat 26:581-9, May 69 (Fre)
- [Disseminated bony lymphangiectasis] Sacrez R, et al. Arch Franc Pediat 26:537-46, May 69 (Fre)
- [Tumors of the iris] Babel J.  
Arch Ophthal (Paris) 28:809-14, Dec 68 (Fre)
- [Clinical diagnosis of choroid neoplasms] Nordmann J.  
Arch Ophthal (Paris) 28:815-20, Dec 68 (Fre)
- [Thermography of malignant melanoma. Preliminary report] Maillard GF, et al.  
Dermatologica (Basel) 139:353-8, 1969 (Fre)
- [An unusual cricoid tumor: aneurysmal cyst] Baron F, et al. J Franc Otorhinolaryng 19:495-9, Jun 70 (Fre)
- [Medullary angliomas, segmentary or generalized vascular dysplasias and phakomatosis] Djindjian R, et al. Rev Neurol (Paris) 121:109-11, Jul 69 (Fre)
- [Intraocular tumors in children] Naumann G.  
Ber Deutsch Ophth Ges 69:179-91, 1969 (147 ref.) (Ger)
- [Clinical aspects and differential diagnosis of the sciatica syndrome] Jensen HP.  
Langenbecks Arch Chir 325:550-8, 1969 (Ger)
- [Which diagnosis would you make?] Börngen U.  
Med Klin 64:2421 passim, 26 Dec 69 (Ger)
- [Prognosis of arteriovenous anglioma in functionally high-grade cerebral regions following total extirpation] Bischof W.  
Neurochirurgia (Stuttgart) 12:181-8, Sep 69 (Ger)
- [Diagnosis and symptoms of parietal lobe tumors] Arseni C, et al.  
Schweiz Arch Neurol Neurochir Psychiat 106:209-22, 1970 (Ger)
- [Possibility of error in the interpretation of encephalotrophic findings] Rabe W.  
Wien Z Nervenheilk 27:365-82, 1969 (Ger)
- [Hemangioma of the parotid gland with multiple

- phleboliths] Brands T.  
Zbl Chir 94:1064-7, 9 Aug 69 (Ger)
- [Arteriovenous anglioma of the orbit. Case report and review of the literature] Klingler M, et al.  
Zbl Neurochir 30:9-16, 1969 (Ger)
- [Unilateral papilledemas] Skrzypczak J.  
Zbl Neurochir 30:249-54, 1969 (Ger)
- [A case for diagnosis: multiple angliomatous vegetative lesions of the lower extremity] Strani GF, et al.  
G Ital Derm 45:483-5, Aug 70 (Ita)
- [The studies on the ultrasonic diagnosis in ophthalmology. 2. The ultrasonic diagnosis for orbital tumours-especially, the correlations between the histological structure and the echogram] Tane S, et al.  
Acta Soc Ophthal Jap 74:851-7, Aug 70 (Jap)
- [Case of hemangioma of the choroid diagnosed by fluorescent fundus photography] Matsumoto K.  
Ophthalmology (Tokyo) 11:650-6, Aug 69 (Jap)
- [X-ray therapy of hemangioma of the spine with involvement of the spinal cord] Merkova MA, et al.  
Med Radiol (Moskva) 14:3-9, Aug 69 (Rus)
- [Clinico-roentgenological characteristics of spinal hemangioma] Merkova MA, et al.  
Sovet Med 32:96-100, Oct 69 (Rus)
- [Diagnosis of multiple hemangioma of the liver] Maliukov VM, et al. Vrach Delo 9:139-41, Sep 69 (Rus)
- [Histopathological aspects of cutaneous angliomas] Sanchez Yus E, et al.  
Actas Dermosif (Madrid) 60:153-70, May-Jun 69 (Spa)
- [Correlation between clinical and splenoportographic picture in lienoportal circulation disorders] Marinković M, et al.  
Liječn Vjesn 91:1059-68, 1969 (Cro)

### DRUG THERAPY

- Successful treatment of eyelid hemangioma with prednisone. De Venecia G, et al.  
Arch Ophthal (Chicago) 84:98-102, Jul 70
- Ligation of the hepatic artery in the treatment of heart failure due to hepatic haemangiomatosis. Rake MO, et al. Gut 11:512-5, Jun 70
- Hemangliomas. Laymon CW. Minn Med 53:453-4, Apr 70
- Diffuse neonatal hemangliomatosis. Holden KR, et al. Pediatrics 46:411-21, Sep 70
- The corticosteroids in childhood. Pearn JH, et al. Practitioner 204:34-45, Jan 70 (34 ref.)
- [Skin hemangliomas in children] Heer JL de.  
Nederl T Geneesk 114:1187-8, 11 Jul 70 (Dut)

### ENZYMOLGY

- Histoenzymological study of dermal vessels in normal and pathological skin. Héwitt J, et al.  
Brit J Derm 82:364-70, Apr 70
- [Kinin forming enzymes in the blood vessels of the skin] Aoyama H, et al.  
Jap J Allerg 18:899-901, Nov 69 (Jap)

### ETIOLOGY

- Unilateral nevoid telangiectasia. Selmanowitz VJ.  
Ann Intern Med 73:87-90, Jul 70
- Vessel proliferation with reference to pyogenic granuloma. Jones EW. Biorheology 6:261, Jan 70
- Angiography of haemangliomata of the calvarium. Rosenbaum AE, et al. Brit J Radiol 42:682-7, Sep 69
- Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)
- Value of cutaneous angliomas in the arteriographic localization of spinal-cord arteriovenous malformations. Doppman JL, et al.  
New Eng J Med 281:1440-4, 25 Dec 69
- Arteriovenous fistula: results of management of congenital and acquired forms, blood flow measurements, and observations on proximal arterial degeneration. Sako Y, et al. Surgery 67:40-61, Jan 70
- [Tumors of the iris] Babel J.  
Arch Ophthal (Paris) 28:809-14, Dec 68 (Fre)
- [Anatomic study of 2 placental chorio-angliomas] Houcke M, et al.  
Bull Fed Gynec Obstet Franc 21:44-7, Jan-Mar 69 (Fre)
- [Hemangliomas of the oral cavity] Hattowska H, et al. Otolaryng Pol 24:327-32, 1970 (Pol)
- [Role of injuries in the development of hemangliomas of the skin] Zagalski J.  
Pat Pol 20:153-61, Apr-Jun 69 (Pol)
- [Cardiovascular manifestations during hepatic



## HEMANGIOMA

## SUBJECT SECTION

cirrhosis] Bercovici S, et al.  
Med Intern (Bucur) 20:115-24, Sep 68 (Rum)

### FAMILIAL & GENETIC

[On some conclusions of a survey of phlebologists about vascular diseases of the legs in patients under 18]  
Wallois P, et al. Phlebologie 22:249-53, Jul-Sep 69 (Fre)

### METABOLISM

[Indirect demonstration of acid mucopolysaccharides by means of sudan black B] Franz H, et al.  
Acta Histochem (Jena) 36:350-5, 1970 (Ger)  
[Erythropoietin producing tumor] Takaku F, et al.  
Jap J Cancer Clin 16:469-75, May 70 (Jap)  
[Characteristics of glycogen levels in tumors of mesodermal origin] Lavnikova GA.  
Arkiv Pat 31:42-6, 1969 (Rus)

### MICROBIOLOGY

Acute hemangioma-like lesions associated with ECHO viral infections. Cherry JD, et al.  
Pediatrics 44:498-502, Oct 69

### MORTALITY

Angiomatous and fistulous arteriovenous aneurysm in children. Carrea R, et al.  
Progr Brain Res 30:433-9, 1968

### OCCURRENCE

The phlebectasias of old age--incidence and diagnostic importance. Kocsard E, et al.  
J Amer Geriatr Soc 18:31-8, Jan 70  
Angiomyolipoma of the kidney: report of 27 cases and review of the literature. Hajdu SI, et al.  
J Urol 102:396-401, Oct 69  
[Brain tumours in geriatric patients] Harenko A.  
Duodecim 86:765-71, 1970 (Fin)  
[Case of angioma of the small intestine in a child] Caille B, et al. Arch Franc Pediat 26:581-9, May 69 (Fre)  
[Radiotherapy of hemanglioma] Schieferstein G.  
Z Haut Geschlechtskr 45:483-94, 15 Jun 70 (Ger)  
[Statistical analysis of tumors of the hand] Hirasawa S, et al. Orthop Surg (Tokyo) 20:1393-5, Nov 69 (Jap)

### PATHOLOGY

Hemangioma of the placenta. Case report and review of the literatures. Lin JB, et al.  
Acta Obstet Gynaec Jap 17:107-14, Apr 70  
Clinical pathologic conference. Lee RE Jr, et al.  
Amer Heart J 79:552-61, Apr 70  
Placental hypertrophy associated with chorangioma. Sen DK. Amer J Obstet Gynec 107:652-4, 15 Jun 70  
Giant hemangiomas of the liver. Adam YG, et al.  
Ann Surg 172:239-45, Aug 70  
Infantile hemangioma of the parotid gland; a clinicopathological study of 15 cases. Goldman RL, et al. Arch Otolaryng (Chicago) 90:605-8, Nov 69  
Liver tumors in infants and children. Clinical and pathological analysis of 22 cases. Nikaido H, et al. Arch Surg (Chicago) 101:245-57, Aug 70  
Synovial hemangioma of the knee. Stevens J, et al. Arthritis Rheum 12:647-9, Dec 69  
Vessel proliferation with reference to pyogenic granuloma. Jones EW. Biorheology 6:261, Jan 70  
Klippel-Trenaunay syndrome, omental hemangioma with hemorrhage. Koml N, et al.  
Bull Tokyo Med Dent Univ 17:1-7, Mar 70  
Ultrastructural comparison of an adenomatoid tumor, lymphangioma, hemangioma, and mesothelioma. Marcus JB, et al. Cancer 25:171-5, Jan 70  
Primary hemangioma of the pericardium. Jablonsky VR. Illinois Med J 137:144-6, Feb 70  
Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)  
Asymptomatic threefold pathology of the oral mucosa: case report. Callaghan TE.  
J Irish Dent Ass 15:129-30, Dec 69  
Naturally occurring tumours and other lesions of the digestive tract in untreated C57BL mice. Rowlett C, et al. J Path 100:Pxii, Feb 70  
Angiomyolipoma of the kidney: report of 27 cases and review of the literature. Hajdu SI, et al.  
J Urol 102:396-401, Oct 69

Renal angiomyolipoma: report of 2 cases. Konuralp HZ, et al. J Urol 104:47-9, Jul 70  
Juxtapapillary retinal angiomatosis--histology of congenital glaucoma--transverse ischaemic optic nerve necrosis in neuroblastoma. Manschot WA. Ophthalmologica (Basel) 160:326-9, 1970  
Acute hemangioma-like lesions associated with ECHO viral infections. Cherry JD, et al.  
Pediatrics 44:498-502, Oct 69  
The relative importance of atheroma in the clinical course of arteriovenous angioma of the brain. Paillas JE, et al. Progr Brain Res 30:419-25, 1968  
Intraluminal venous angioma. Sewell RL.  
Texas Med 66:64-5, May 70  
Vesicles of fenestrated and non-fenestrated endothelium. Ludatscher RM, et al.  
Z Zellforsch 97:169-77, 23 May 69  
[Coccygeal localization of neuro-pericytic glomangioma] Lombart A Jr, et al.  
Ann Anat Path (Paris) 14:327-34, Jul-Sep 69 (Fre)  
[A case of angio-myolipoma of the kidney revealed by an encysted hematoma. Arteriographic study] Polleux J, et al. Ann Chir 24:311-5, Mar 70 (Fre)  
[Thymoangiofibrolipoma associated with bone lesions] Ribet M, et al.  
Ann Chir Thorac Cardiovasc 8:173-7, Mar 69 (Fre)  
[A rare tumor: angiomyolipoma of the kidney] Méry JP, et al.  
Ann Med Intern (Paris) 121:599-608, Jun-Jul 70 (Fre)  
[Pseudo-leititis. Apropos of 3 diagnostic errors] Laplane R, et al.  
Ann Pediat (Paris) 17:355-61, 2 May 70 (Fre)  
[Riopelle's tumor. I. Analytical study] Roujeau J, et al.  
Ann Urol (Paris) 4:85-95, May 70 (Fre)  
[Pathologico-anatomical aspects of cerebral circulation disorders] Ule G.  
Bull Schweiz Akad Med Wiss 24:440-59, Jul 69 (Ger)  
[Structure of the kidney pelvis angioma in renovasography. Unilateral kidney hemorrhage] Romanuk PA.  
Fortschr Roentgenstr 110:457-62, Apr 69 (Ger)  
[Optic agnosia as a diagnostic problem] Falk K, et al.  
Psychiat Clin (Basel) 2:368-79, 1969 (Ger)  
[Pulmonary hemangioectodermatosis] Güttner J.  
Zbl Allg Path 112:321-6, 1969 (Ger)  
[Orsos' hemangioma] Krauss J, et al.  
Zbl Chir 94:1579-84, 15 Nov 69 (Ger)  
[Angiohamartoma of the uterus] Schrodt U.  
Zbl Gynaek 91:421-4, 29 Mar 69 (Ger)  
[Arteriovenous angioma of the orbit. Case report and review of the literature] Klingler M, et al.  
Zbl Neurochir 30:9-16, 1969 (Ger)  
[Hemangioma of the umbilical cord] Jakobovits A, et al.  
Orv Hetil 110:2886-7, 7 Dec 69 (Hun)  
[Retroperitoneal tumor, a case report--hemangioma with lymphocytic infiltration] Kiyoshima S, et al.  
Acta Urol Jap 16:10-6, Jan 70 (Jap)  
[Review on the retina in 1968. Retinal vascular diseases] Matsui M.  
Ophthalmology (Tokyo) 12:1-24, Jan 70 (206 ref.) (Jap)  
[Case of hemangioma of the clavicle] Takahashi Y, et al.  
Orthop Surg (Tokyo) 21:127-30, Feb 70 (Jap)  
[Diseases of the vertebral arteries in angiographic patterns] Bryc S, et al.  
Pol Przegl Radiol 34:309-15, May-Jun 70 (Pol)  
[Angioma serpiginosum (Hutchinson-Crocker)] Ruszczak Z, et al. Przegl Derm 57:527-30, 1970 (Pol)  
[Various current problems of angiomias in children] Garcia-Perez A, et al.  
Actas Dermosif (Madrid) 60:171-91, May-Jun 69 (Spa)  
[Histopathological aspects of cutaneous angiomias] Sanchez Yus E, et al.  
Actas Dermosif (Madrid) 60:153-70, May-Jun 69 (Spa)  
[Usability of sialography in the diagnosis of parotid gland hemangiomas in infants] Čáková L, et al.  
Bratisl Lek Listy 53:191-4, Feb 70 (Sio)

### RADIOGRAPHY

Angiography in primary hepatic tumours in children. Fredens M.  
Acta Radiol [Diagn] (Stockholm) 8:193-200, May 69  
Ophthalmic artery in axial view. Lombardi G, et al.  
Acta Radiol [Diagn] (Stockholm) 9:379-82, 1969  
Arteriography of the spinal cord. Djindjian R.  
Amer J Roentgen 107:461-78, Nov 69  
Extension of posterior fossa tumors, particularly intraventricular fourth ventricle tumors, into the



# SUBJECT SECTION

# HEMANGIOMA

- upper cervical spinal canal. Epstein BS, et al. *Amer J Roentgen* 110:31-8, Sep 70
- Cystography in childhood. Tumors and pseudotumors. Tucker AS, et al. *Amer J Roentgen* 109:390-8, Jun 70
- Angiography of haemangiomas of the calvarium. Rosenbaum AE, et al. *Brit J Radiol* 42:682-7, Sep 69
- Diffuse cavernous haemangioma of the rectum and sigmoid colon. Stening SG, et al. *Brit J Surg* 57:186-9, Mar 70
- The view box. Love L. *Illinois Med J* 136:686 passim, Dec 69
- Renal angliomyolipoma: report of 2 cases. Konuralp HZ, et al. *J Urol* 104:47-9, Jul 70
- Value of cutaneous angliomas in the arteriographic localization of spinal-cord arteriovenous malformations. Doppman JL, et al. *New Eng J Med* 281:1440-4, 25 Dec 69
- Correlation conferences in radiology and pathology. Skull lesion. New York *J Med* 70:1875-8, 15 Jul 70
- X-ray photos of the optic foramen. Bleeker GM. *Ophthalmologica (Basel)* 160:354-68, 1970
- Hepatic angiography. Baum S. *Progr Liver Dis* 3:444-65, 1970 (20 ref.)
- Arteriography in the diagnosis of large bowel bleeding. Clark RA, et al. *Radiology* 94:83-8, Jan 70
- Errors in angiographic diagnosis of renal masses. Meaney TF. *Radiology* 93:361-6, Aug 69
- Renal angliomyolipoma. Report of a case. Fryjordet A Jr. *Scand J Urol Nephrol* 3:69-71, 1969
- [Generalized bone hemangiomatosis] Bohut V, et al. *Cas Lek Cesk* 109:318-21, 7 Mar 70 (Cze)
- [Renal hemangioma] Lucht U, et al. *Ugeskr Laeg* 131:1522-4, 4 Sep 69 (Dan)
- [Ethyl mono-iodo-stearate and myelography] Borles J, et al. *Acta Radiol [Diagn] (Stockholm)* 9:686-92, 1969 (Fre)
- [A rare tumor: angliomyolipoma of the kidney] Méry JP, et al. *Ann Med Intern (Paris)* 121:599-608, Jun-Jul 70 (Fre)
- [Angiography of the hepatic scintigraphic lacuna] Hernandez C, et al. *Ann Radiol (Paris)* 12:629-54, 1969 (Fre)
- [Fluorescein angiography in uvea tumors] Orsoni C. *Arch Ophtal (Paris)* 28:831-8, Dec 68 (Fre)
- [Clinical and radiological aspects of congenital pulmonary abnormalities in children] Gerbeaux J. *Poumon Coeur* 26:367-83, 1970 (Fre)
- [The angiographic demonstration of a vertebral body hemangioma] Hacker H, et al. *Fortschr Roentgenstr* 111:581-3, Oct 69 (Ger)
- [Structure of the kidney pelvis anglioma in renovasography. Unilateral kidney hemorrhage] Romanjuk PA. *Fortschr Roentgenstr* 110:457-62, Apr 69 (Ger)
- [Radiologic differential diagnosis of the caudal syndrome] Karyofilis A, et al. *Nervenarzt* 40:542-5, Nov 69 (Ger)
- [Retrograde brachial angiography and its hemodynamic aspects] Braun H, et al. *Radiologe* 9:13-5, Jan 69 (Ger)
- [Experiences with vertebral angiography in tumors of the posterior cranial fossa in Zürich] Hünig R, et al. *Radiologe* 9:470-3, Dec 69 (Ger)
- [The radiographic pattern of spinal cord angliomata. Critical observations] Cantore GP, et al. *Nunt Radiol* 34:329-53, Apr 68 (Ita)
- [Meningeal arterial circulation in neuroradiologic diagnosis] Nori A, et al. *Radiol Med (Torino)* 54:209-23, Mar 68 (Ita)
- [Cerebral arteriography by subtraction method] Hayashi Y, et al. *Rinsho Hosha* 14:545-52, Jul 69 (Jap)
- [Clinico-roentgenological characteristics of spinal hemangioma] Merkova MA, et al. *Sovet Med* 32:96-100, Oct 69 (Rus)
- [Usability of sialography in the diagnosis of parotid gland hemangiomas in infants] Čáková L, et al. *Bratisl Lek Listy* 53:191-4, Feb 70 (Slo)
- [Correlation between clinical and splenoportographic picture in lienoportal circulation disorders] Marinković M, et al. *Liječn Vjesn* 91:1059-68, 1969 (Cro)
- facial hemangioma. Successful management with irradiation after failure of prednisone therapy. Corby DG, et al. *Clin Pediat (Phila)* 8:728-31, Dec 69
- The role of radiation therapy in the management of hemangiomas of the liver. Park WC, et al. *JAMA* 212:1496-8, 1 Jun 70
- Hemangiomas. Laymon CW. *Minn Med* 53:453-4, Apr 70
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- [Results of mild-ray radiotherapy of childhood hemangiomas using small doses] Neumann JG. *Cesk Radiol* 24:18-22, Jan 70 (Ger)
- [Surgical therapy of hemangiomas in children] Birke WP. *Deutsch Gesundh* 24:1562-6, 14 Aug 69 (Ger)
- [Clinical experience with the therapy of lateral hemangioma using applicators with radioactive phosphorus] Kolínská J, et al. *Radiobiol Radiother (Berlin)* 11:35-40, 1970 (Ger)
- [Radiotherapy of hemanglioman] Schieferstein G. *Z Haut Geschlechtskr* 45:483-94, 15 Jun 70 (Ger)
- [Lingual angliomas and their treatment with sclerosing solutions] Ceria G. *G Batt Virol Immun* 62:683-702, Sep-Oct 69 (Ita)
- [Considerations and critical data on the therapy of cutaneous angliomatous formations] Cofano AR. *G Ital Derm* 45:144-50, Mar 70 (Ita)
- [Beta therapy of cutaneous angliomas] Passerini A, et al. *Radiol Med (Torino)* 55:870-8, Sep 69 (Ita)
- [Electron beam therapy of hemanglioma] Ashizawa A, et al. *Rinsho Hosha* 15:518-27, Jul 70 (Jap)
- [Chronological study on radiotherapy in children. 1. Benign tumors] Watanabe T. *Rinsho Hosha* 14:669-72, Aug 69 (Jap)
- [Symptomatic hemangioma of the cervical vertebrae] Jordan J, et al. *Otolaryng Pol* 24:99-103, 1970 (Pol)
- [Remote results of treatment of skin hemangiomas with soft x-rays] Narożnik K. *Przegl Derm* 57:225-31, Mar-Apr 70 (Pol)
- [A comparative evaluation of roentgenotherapy and cryotherapy of hemangiomas in children] Rubisz-Brzezińska J, et al. *Przegl Derm* 57:337-44, May-Jun 70 (Pol)
- [Kasabach-Merritt syndrome] Gura C, et al. *Wiad Lek* 23:1145-51, 1 Jul 70 (Pol)
- [X-ray therapy of hemangioma of the spine with involvement of the spinal cord] Merkova MA, et al. *Med Radiol (Moskva)* 14:3-9, Aug 69 (Rus)
- [The use of a grid in short range radiotherapy of hemangioma] Peresleni NA, et al. *Med Radiol (Moskva)* 14:17-21, Feb 69 (Rus)
- [Radiotherapy dosage in different technics of rentgenotherapy of highmoritis and anglioma of the cranial vault bones] Podlashuk EL, et al. *Med Radiol (Moskva)* 14:46-51, Sep 69 (Rus)
- [Radiation therapy of laryngeal hemangiomas in children] Podlashchuk EL. *Vestn Otorinolaring* 32:76-9, May 70 (Rus)
- [The condition of the bones following radiotherapy of cutaneous hemangiomas in children] Svistunova TM. *Vop Onkol* 16:112-7, 1970 (Rus)
- [Treatment of extensive hemangioma of the skin and subcutaneous space in the Kasabach-Merritt syndrome] Svistunova TM. *Vop Onkol* 16:123-4, Apr 70 (Rus)

## SURGERY

- A giant congenital arteriovenous aneurysm in perineal region. Report of a case. Seppänen J, et al. *Acta Chir Scand* 135:647-8, 1969
- Giant hemangiomas of the liver. Adam YG, et al. *Ann Surg* 172:239-45, Aug 70
- Infantile hemangioma of the parotid gland; a clinicopathological study of 15 cases. Goldman RL, et al. *Arch Otolaryng (Chicago)* 90:605-8, Nov 69
- Liver tumors in infants and children. Clinical and pathological analysis of 22 cases. Nikaido H, et al. *Arch Surg (Chicago)* 101:245-57, Aug 70
- POR 8, a new vasoconstrictor substitute for adrena-line in plastic surgery. Clodius L, et al. *Brit J Plast Surg* 23:73-8, Jan 70
- Klippel-Trenaunay syndrome, omental hemangioma with hemorrhage. Komi N, et al. *Bull Tokyo Med Dent Univ* 17:1-7, Mar 70
- Ligation of the hepatic artery in the treatment of heart failure due to hepatic haemangliomatosis. Rake MO, et al. *Gut* 11:512-5, Jun 70
- Hemangioma and lymphangioma. Dennison WM. *Indian J Pediat* 36:366-9, Oct 69

## RADIOTHERAPY

- Giant hemangiomas of the liver. Adam YG, et al. *Ann Surg* 172:239-45, Aug 70
- Successful treatment of eyelid hemangioma with prednisone. De Venecia G, et al. *Arch Ophthal (Chicago)* 84:98-102, Jul 70
- Thrombocytopenia in a patient with a relatively small



- Deliberate interruption of the cerebral circulation. White DC. *Int Anesth Clin* 7:687-99, Fall 69 (36 ref.)
- The hypothermostat. An instrument to obtain local hypothermia of the brain or spinal cord. Negrin J Jr. *Int Surg* 54:93-106, Aug 70
- Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ. *J Amer Podiat Ass* 60:63-75, Feb 70 (68 ref.)
- The effect of autotransplantation on the progression or reversibility of aging in human skin. Papa CM, et al. *J Invest Derm* 54:200-12, Mar 70
- The role of radiation therapy in the management of hemangiomas of the liver. Park WC, et al. *JAMA* 212:1496-8, 1 Jun 70
- Control of arteriovenous fistulae in massive facial hemangioma by muscle emboli. Case report. Cunningham DS, et al. *Plast Reconstr Surg* 46:305-8, Sep 70
- Brain angiomata and intracerebral haematoma. Ameli NO. *Progr Brain Res* 30:427-31, 1968
- Angiomatous and fistulous arteriovenous aneurysm in children. Carrea R, et al. *Progr Brain Res* 30:433-9, 1968
- To the discussion of surgical treatment of the encephalic supratentorial arteriovenous aneurysms. Kunicki A. *Progr Brain Res* 30:401-2, 1968
- Some remarks to the operability of the centrally located arteriovenous angiomata. Zoltán L. *Progr Brain Res* 30:403-8, 1968
- A case of prolonged deep hypothermia during cardiopulmonary bypass. Rygg IH, et al. *Scand J Thorac Cardiovasc Surg* 3:197-202, 1969
- Renal angiomatosis. Report of a case. Fryjordet A Jr. *Scand J Urol Nephrol* 3:69-71, 1969
- The treatment of ophthalmic vascular disease by argon laser photocoagulation. L'Esperance FA Jr. *Trans Amer Acad Ophthalmol Otolaryng* 73:1077-96, Nov-Dec 69
- [Intracranial vascular malformations of the dura mater] Fiser Z, et al. (Cze)
- Cesk Neurol 32:295-8, Oct 69
- [Renal hemangioma] Lucht U, et al. (Dan)
- Ugeskr Laeg 131:1522-4, 4 Sep 69
- [A rare tumor: angiomatosis of the kidney] Méry JP, et al.
- Ann Med Intern (Paris)* 121:599-608, Jun-Jul 70 (Fre)
- [Importance of per-operative angiography in cerebral vascular malformations] Vlahovitch B, et al. (Fre)
- Neurochirurgie 15:191-201, May-Jun 69
- [List of surgical indications in infants] Paquet JP. (Fre)
- Rev Med Liege 24:421-30, 15 May 69
- [Extensive mandibular angiomata of the dental artery treated by emergency hemiresection during a critical hemorrhagic episode] Benoit P, et al. (Fre)
- Rev Stomat (Paris) 70:546-8, Oct-Nov 69
- [Reparative surgery for benign tumors of the lip cutis and mucosa. Anatomical clinical characteristics and therapeutic indications] Mouly R. (Fre)
- Rev Stomat (Paris) 71:197-203, Apr-May 70
- [Angio-lipoma of the upper lip] Vigneul J. (Fre)
- Rev Stomat (Paris) 71:206-7, Apr-May 70
- [Rhino-logical aspects of surgery for plethoric orbital neoplasms] Boette G. (Ger)
- Arch Klin Exp Ohr Nas Kehlkopfheilk 194:294-7, 22 Dec 69
- [Experience with free compound flap transplantation] Hofmeyer G, et al. (Ger)
- Bruns Beitr Klin Chir 217:232-40, May 69
- [Possibilities and limitations of vascular surgery of the central nervous system] Yasargil MG. (Ger)
- Bull Schweiz Akad Med Wiss 24:487-93, Jul 69
- [Surgical therapy of hemangiomas in children] Birke WP. *Deutsch Gesundh* 24:1562-6, 14 Aug 69
- [Therapy of subarachnoid hemorrhage] Pla HW. (Ger)
- Deutsch Med Wschr 95:700-2, 27 Mar 70
- [Rare tumors of the iris and ciliary body. 2. Hemangioma simplex of the ciliary body] Bruck C. *Klin Mbl Augenheilk* 154:49-53, Jan 69
- [Functions and limits of plastic surgery] Schmidt-Tintemann U. (Ger)
- Munchen Med Wschr 112:1035-42, 11 Sep 70
- [Prognosis of arteriovenous angiomata in functionally high-grade cerebral regions following total extirpation] Bischof W. (Ger)
- Neurochirurgia (Stuttgart) 12:181-6, Sep 69
- [Therapy of hemangiomatosis] Stryhal F, et al. (Ger)
- Z Orthop 106:626-30, Jul 69
- [Orsors' hemangioma] Krauss J, et al. (Ger)
- Zbl Chir 94:1579-84, 15 Nov 69
- [Arteriovenous angiomata of the orbit. Case report and review of the literature] Klingler M, et al. (Ger)
- Zbl Neurochir 30:9-16, 1969
- [Retroperitoneal tumor, a case report--hemangioma with lymphocytic infiltration] Kiyoshima S, et al. (Jap)
- Acta Urol Jap 16:10-6, Jan 70
- [Advantages in the simple excision and suture technic] Ohara K, et al. (Jap)
- Jap J Plast Reconstr Surg 13:134-42, Mar 70
- [Case of successfully removed giant hemangioma of the adrenal gland] Nagatani M, et al. (Jap)
- Naika 24:383-6, Aug 69
- [Case of hemangioma of the clavicle] Takahashi Y, et al. (Jap)
- Orthop Surg (Tokyo) 21:127-30, Feb 70
- [Maculous hemangiomas and their treatment] Solovko Alu. *Sovet Med* 33:141-3, Feb 70
- [Anesthesia with trichloroethylene (Rotilan) in children in minor surgery] Gorokhovskii VI, et al. (Rus)
- Vestn Khir Grekov 104:79-82, Feb 70
- [Diagnosis and surgical treatment of extensive hemangiomas of the extremities] Krakovskii NI, et al. (Rus)
- Vestn Khir Grekov 102:68-74, Mar 69
- [Principles of selecting the method of blepharoplasty] Zaikova MV, et al. (Rus)
- Vestn Oftal 2:68-72, Jan-Feb 70
- [Electrosurgical methods of treating hemangiomas] Solovko Alu. *Vop Onkol* 16:95-8, 1970

## THERAPY

- Treatment of neoplasms of the liver. Spellberg MA. *Amer J Gastroent* 52:326-33, Oct 69 (72 ref.)
- Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ. *J Amer Podiat Ass* 60:63-75, Feb 70 (68 ref.)
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969
- [Cryotherapy. Experimental and clinical study] Walder HA. *Neurochirurgie* 15:241-9, May-Jun 69 (Fre)
- [Lingual angiomata and their treatment with sclerosing solutions] Ceria G. (Ita)
- G Batt Virol Immun 62:683-702, Sep-Oct 69
- [Hemangiomas of the oral cavity] Hattowska H, et al. (Pol)
- Otolaryng Pol 24:327-32, 1970
- [A comparative evaluation of roentgenotherapy and cryotherapy of hemangiomas in children] Rubisz-Brzezinska J, et al. (Pol)
- Przegl Derm 57:337-44, May-Jun 70

## VETERINARY

- Bovine enzootic haematuria in New Zealand. Smith BL, et al. *New Zeal Vet J* 18:115-20, Jun 70

## HEMANGIOMA, CAVERNOUS

- Haemangiomas involving the submandibular salivary gland. Bowerman JE, et al. *Brit J Oral Surg* 7:196-201, Mar 70
- Soft tissue tumors of the penis. A clinicopathologic study of 46 cases. Dehner LP, et al. *Cancer* 25:1431-47, Jun 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Cavernous hemangioma. A case report. Wolf DS. *J Amer Podiat Ass* 59:446-7, Nov 69
- Naevi and moles. Baker H. *Practitioner* 204:655-64, May 70
- [Skin hemangiomas in children] Huffstadt AJ. *Nederl T Geneesk* 114:181-5, 31 Jan 70 (Dut)
- [A case of effective spontaneous splenorenal derivation during a case of portal cavernoma] Dommergues JP, et al. (Fre)
- Arch Franc Pediat 27:533-42, May 70
- [Cavernoma of the ponto-cerebellar angle] Schott B, et al. *J Franc Otorhinolaryng* 19:339-42, Apr 70 (Fre)
- [Vascular capsulo-synovial hamartomas (study of a case with tibio-tarsal location)] Domenella G, et al. (Ita)
- Chir Organi Mov 56:359-75, 1968
- [One case of choroidal hemangioma] Ishida N. *Folia Ophthalmol Jap* 21:177-86, Mar 70 (Jap)
- [Case of hemangioma of the upper extremity] Kondo S, et al. *Orthop Surg (Tokyo)* 20:1236-8, Oct 69 (Jap)
- [Cavernous hemangioma of the mediastinum] Golovskii EV, et al. (Rus)
- Grudn Khir 11:114-5, Jan-Feb 69
- [Sudden death due to cavernous hemangioma of a vascular plexus] Starshun GA. (Rus)
- Sudebno med Ekspert 11:49, Jul-Sep 68
- [A rare form of gigantic cavernous hemangioma of the



# SUBJECT SECTION

# HEMANGIOMA,

liver and spleen] Bochkovskii FR, et al.  
Vrach Delo 12:134-5, 1969 (Rus)

## CHEMICALLY INDUCED

[Features of the carcinogenic effect of 3,3'-benzidine dicarboxylic acid] Pliss GB.  
Vop Onkol 15:60-4, 1969 (Rus)  
[Carcinogenic properties of derivatives of symmetric triazine] Pliss GB, et al. Vop Onkol 16:82-5, 1970 (Rus)

## COMPLICATIONS

Angiography in intracranial cavernous hemangiomas. Bogren H, et al.  
Acta Radiol [Diagn] (Stockholm) 10:81-9, Mar 70  
Diffuse cavernous haemangioma of the rectum and sigmoid colon. Stening SG, et al.  
Brit J Surg 57:186-9, Mar 70  
Unilateral proptosis of unexplained origin and superior orbital fissure syndrome of uncertain aetiology. Mortada A. Bull Ophthal Soc Egypt 62:191-204, 1969  
Cavernous hemangioma of the ovary. Gay RM, et al. Gynaecologia (Basel) 168:248-57, 1969  
Haemangiomatous splenomegaly. Chakravarti A. J Ass Physicians India 17:439-41, Jul 69  
Clinicopathologic conference.  
Texas Med 66:78-85, Jul 70  
[Severe hemorrhage of the small intestine] Larena-Avellaneda A, et al.  
Chirurg 40:117-21, Mar 69 (Ger)  
[Autopsy case of cavernous hemangioma of the liver associated with anemia, thrombopenia and subcutaneous hemorrhage] Yamagiwa H, et al. Naika 24:759-61, Oct 69 (Jap)  
[Rupture of cavernous hemangioma of the omentum] Vasilenko IS, et al.  
Khirurgia (Moskva) 46:121, Jan 70 (Rus)

## CONGENITAL

Arteriovenous fistulas: a review and ten-year experience at the Mayo Clinic. Gomes MM, et al. Mayo Clin Proc 45:81-102, Feb 70 (73 ref.)

## DIAGNOSIS

Diffuse cavernous haemangioma of the rectum and sigmoid colon. Stening SG, et al.  
Brit J Surg 57:186-9, Mar 70  
Intracranial bruits in children. Moore RY, et al. Develop Med Child Neurol 11:650-2, Oct 69  
Cavernous hemangioma of the rectum: an unusual case. Vallette FN. Dis Colon Rectum 13:344-5, Jul-Aug 70  
Surgical treatment of massive hemangioma of the liver: report of 2 cases. Murphy EG.  
J Amer Osteopath Ass 69:656-64, Mar 70  
[Echography for the diagnosis of exophthalmos in children] Ossolinig K.  
Ber Deutsch Ophth Ges 69:98-104, 1969 (Ger)  
[Hemangiomas] Schnyder UW.  
Deutsch Med Wschr 94:1990-1, 26 Sep 69 (Ger)  
[The correlations between histological structure and the echogram as the basis of bloodless tissue differentiation] Böck J, et al.  
Klin Mbl Augenheilk 155:687-95, 1969 (Ger)  
[Which diagnosis would you make?] Börngen U. Med Klin 64:2421 passim, 26 Dec 69 (Ger)

## DRUG THERAPY

[Clinico-biochemical assessment of sclerosing therapy of facial hemangioma] Kulikova VS, et al.  
Khirurgia (Moskva) 45:105-9, Oct 69 (Rus)  
[Hematological changes in treatment of cavernous hemangioma of the face by injections of ethyl alcohol] Vasil'eva IG, et al.  
Stomatologiya (Moskva) 48:57-9, Sep-Oct 69 (Rus)

## ETIOLOGY

Microangiopathic hemolytic anemia. Brain MC.  
Ann Rev Med 21:133-44, 1970 (83 ref.)  
Cavernous hemangioma of the orbit. A consideration of pathogenesis with an illustrative case. Hood CI. Arch Ophthal (Chicago) 83:49-53, Jan 70  
[Role of injuries in the development of hemangiomas of the skin] Zagalski J.  
Pat Pol 20:153-61, Apr-Jun 69 (Pol)

## PATHOLOGY

Angiography in intracranial cavernous hemangiomas. Bogren H, et al.  
Acta Radiol [Diagn] (Stockholm) 10:81-9, Mar 70  
Facial nerve tumors. Pulec JL.  
Ann Otol 78:962-82, Oct 69  
Cavernous hemangioma of the rectum: an unusual case. Vallette FN. Dis Colon Rectum 13:344-5, Jul-Aug 70  
Cavernous hemangioma of the ovary. Gay RM, et al. Gynaecologia (Basel) 168:248-57, 1969  
Surgical treatment of massive hemangioma of the liver: report of 2 cases. Murphy EG.  
J Amer Osteopath Ass 69:656-64, Mar 70  
Hemangioma of the bladder: report of a case and review of the literature. Fuleihan FM, et al.  
J Urol 102:581-5, Nov 69  
Ovarian tumors in rhesus monkeys (Macaca mulatta): report of three cases. Martin CB Jr, et al.  
Lab Anim Care 20:686-92, Aug 70  
Clinicopathologic conference.  
Texas Med 66:78-85, Jul 70  
[Cavernoma and telangiectasis of the brain] Girard P, et al. Arch Anat Path (Paris) 17:167-78, Sep 69 (Fre)  
[The correlations between histological structure and the echogram as the basis of bloodless tissue differentiation] Böck J, et al.  
Klin Mbl Augenheilk 155:687-95, 1969 (Ger)  
[One case of choroidal hemangioma] Ishida N. Folia Ophthal Jap 21:177-86, Mar 70 (Jap)  
[Diffuse cavernous hemangioma (differentiated hemangiosarcoma?) of the spleen with multiple visceral foci] Hizawa K, et al.  
Jap J Cancer Clin 15:831-7, Sep 69 (Jap)  
[Autopsy case of cavernous hemangioma of the liver associated with anemia, thrombopenia and subcutaneous hemorrhage] Yamagiwa H, et al. Naika 24:759-61, Oct 69 (Jap)  
[A case of tumor of the uterine blood vessels] Djurić M, et al. Srpski Arh Celok Lek 97:625-8, May 69 (Ser)  
[Tumors of the mesentery. Case report of a cavernous hemangioma] Miyar Gonzalez A.  
Rev Esp Enferm Apar Dig 28:521-30, Apr 69 (Spa)

## PHYSIOPATHOLOGY

Cavernous hemangioma of the orbit. A consideration of pathogenesis with an illustrative case. Hood CI. Arch Ophthal (Chicago) 83:49-53, Jan 70

## RADIOGRAPHY

Angiography in intracranial cavernous hemangiomas. Bogren H, et al.  
Acta Radiol [Diagn] (Stockholm) 10:81-9, Mar 70  
Angiography of haemangiomata of the calvarium. Rosenbaum AE, et al. Brit J Radiol 42:682-7, Sep 69  
Angiography of hepatic neoplasms. Pollard JJ, et al. Radiol Clin N Amer 8:31-41, Apr 70  
Angiography of calvarial hemangioma. Report of a case. Simmons JB, et al. Radiology 93:328-30, Aug 69  
[Angioma of the larynx] De Vecchi A, et al.  
Ann Radiol (Paris) 12:1015-20, 1969 (Fre)  
[Angiographic diagnosis of cavernous hemangioma of the scalp] Vogelsang H.  
Fortschr Roentgenstr 110:683-7, May 69 (Ger)  
[Diagnosis and surgical treatment of extensive hemangiomas of the extremities] Krakovski NI, et al. Vestn Khir Grekov 102:68-74, Mar 69 (Rus)  
[Roentgenological changes of the facial bones in hemangiomas of the soft tissues of the face] Rabukhina NA, et al.  
Vestn Rentgen Radiol 44:45-9, Nov-Dec 69 (Rus)

## RADIOTHERAPY

Angiography of calvarial hemangioma. Report of a case. Simmons JB, et al. Radiology 93:328-30, Aug 69  
[Radiotherapy of hemangioma] Schieferstein G.  
Z Haut Geschlechtskr 45:483-94, 15 Jun 70 (Ger)  
[Considerations and critical data on the therapy of cutaneous angiomatous formations] Cofano AR.  
G Ital Derm 45:144-50, Mar 70 (Ita)

## SURGERY

Facial nerve tumors. Pulec JL.  
Ann Otol 78:962-82, Oct 69  
The surgical treatment of cavernous haemangiomas of the hand. Glanz S. Brit J Plast Surg 22:293-301, Oct 69



- Cavernous hemangioma of the rectum: an unusual case. Vallette FN. *Dis Colon Rectum* 13:344-5, Jul-Aug 70
- Hemangioma and lymphangioma. Dennison WM. *Indian J Pediatr* 38:366-9, Oct 69
- Surgical treatment of massive hemangioma of the liver: report of 2 cases. Murphy EG. *J Amer Osteopath Ass* 69:656-64, Mar 70
- Hemangioma of the bladder: report of a case and review of the literature. Fuleihan FM, et al. *J Urol* 102:581-5, Nov 69
- [Intracranial vascular malformations of the dura mater] Fišer Z, et al. *Cesk Neurol* 32:295-8, Oct 69 (Cze)
- [Experiences in facial nerve surgery in cavernous subcutaneous hemangiomas and lymphangiomas of the jaw] Köle H. *Oest Z Stomat* 67:202-6, Jun-Jul 70 (Ger)
- [The "postoperative paller-hyperthermia syndrome". Apropos of 3 cases] Breschi F, et al. *Minerva Med* 60:4209-21, 24 Oct 69 (Ita)
- [Surgery of the facial nerve in surgical interventions for hemangiomas and subcutaneous cavernous lymphangiomas of the jaw] Köle H. *Riv Ital Stomat* 25:117-24, Feb 70 (Ita)
- [A huge hemangioma of the rectum] Litwin M, et al. *Pol Przegl Chir* 41:1760-2, Dec 69 (Pol)
- [Diagnosis and surgical treatment of extensive hemangiomas of the extremities] Krakovski NI, et al. *Vestn Khir Grekov* 102:68-74, Mar 69 (Rus)
- [Electrosurgical methods of treating hemangiomas] Solovko Alu. *Vop Onkol* 16:95-8, 1970 (Rus)
- [Tumors of the mesentery. Case report of a cavernous hemangioma] Miyar Gonzalez A. *Rev Esp Enferm Apar Dig* 28:521-30, Apr 69 (Spa)
- [Congenital malformation of the vessels of extremities in children] Terštianska G, et al. *Bratisl Lek Listy* 52:459-63, Oct 69 (Slo)

## THERAPY

- [Therapeutic management in childhood tumoral hemangioma] Quiñones PA. *Actas Dermosif (Madrid)* 60:195-9, Jul-Aug 69 (Spa)

## VETERINARY

- Ovarian tumors in rhesus monkeys (*Macaca mulatta*): report of three cases. Martin CB Jr, et al. *Lab Anim Care* 20:686-92, Aug 70
- [Cavernous hemangioma in the spine of a dog] Berlin Munchen Tierarztl Wschr 82:444, 15 Nov 69 (Ger)

## HEMANGIOPERICYTOMA

- Hemangiopericytomas of the uterus. Greene RR, et al. *Amer J Obstet Gynec* 106:1020-31, 1 Apr 70
- Hemangiopericytoma. Report of a case and comprehensive review of the literature. Backwinkel KD, et al. *Cancer* 25:896-901, Apr 70
- Haemangiopericytoma of kidney. Mehrotra TN, et al. *Indian J Path Bact* 12:128-30, Jul 69
- Nasal hemangiopericytoma. Eneroth CM, et al. *Laryngoscope* 80:17-24, Jan 70
- Hemangiopericytoma of the lip. A case report. Kopp WK, et al. *New York Dent J* 36:409-10, Aug-Sep 70
- [Skin hemangiomas in children] Huffstadt AJ. *Nederl T Geneesk* 114:181-5, 31 Jan 70 (Dut)
- [Hemangiopericytoma of the uterus] Laffargue P, et al. *Ann Anat Path (Paris)* 14:195-212, Apr-Jun 69 (Fre)
- [Unusual primary tumor of the heart: a malignant hemangiopericytoma] Warembourg H, et al. *Presse Med* 77:2137-40, 27 Dec 69 (Fre)
- [A case of mandibular hemangiopericytoma] Vilasco J, et al. *Rev Stomat (Paris)* 71:50-4, Jan-Feb 70 (Fre)
- [Tumors of the soft tissues] Rizzi I. *Minerva Med* 60:3451-74, 15 Sep 69 (Ita)
- [Hemangiopericytoma. Clinical and anatomic-pathological contribution] Candela F, et al. *Rass Int Clin Ter* 50:151-8, 15 Feb 70 (Ita)
- [Hemangiopericytoma of the lung] Vasil'ev VN, et al. *Grudn Khir* 11:96-7, Nov-Dec 69 (Rus)
- [Hemangiopericytoma of the nasopharynx in a 4-year-old boy] Albats EI, et al. *Vestn Otorinolaring* 31:102, Mar-Apr 69 (Rus)

## CLASSIFICATION

- Nasal hemangiopericytoma. Eneroth CM, et al. *Laryngoscope* 80:17-24, Jan 70

## DIAGNOSIS

- Hemangiopericytomas of the uterus. Greene RR, et al. *Amer J Obstet Gynec* 106:1020-31, 1 Apr 70
- Orbital hemangiopericytoma or vascular meningioma? Sugar HS, et al. *Amer J Ophthal* 70:103-9, Jul 70
- Haemangiopericytoma. Chhangani DL, et al. *J Laryng* 84:457-61, Apr 70
- Hemangiopericytoma of the thoracic spine; case report. Fathle K. *J Neurosurg* 32:371-4, Mar 70
- Paravascular hemangiopericytoma. Hakala TR, et al. *J Urol* 103:436-40, Apr 70
- Malignant melanoma of the choroid. An unusual variant. Donders PC. *Ophthalmologica (Basel)* 160:314-8, 1970
- [Hemangiopericytoma of the uterus] Laffargue P, et al. *Ann Anat Path (Paris)* 14:195-212, Apr-Jun 69 (Fre)
- [Osteogenic sarcoma of the soft tissues. In fact, hemangiopericytoma with metaplastic osteogenesis] Brizon J, et al. *Presse Med* 77:1907-8, 29 Nov 69 (Fre)
- [Unusual primary tumor of the heart: a malignant hemangiopericytoma] Warembourg H, et al. *Presse Med* 77:2137-40, 27 Dec 69 (Fre)
- [Semiological value of the auscultation of abdominal arteries] Warter J, et al. *Presse Med* 78:421-4, 21 Feb 70 (Fre)
- [Cerebral angioloblastoma in advanced age with severe regressive lesions. A histological examination concerning the pathogenesis of the tumour and its regressions] Lüders CJ, et al. *Acta Neuropath (Berlin)* 15:70-82, 1970 (Ger)
- [Hemangiopericytoma of the right pubic bone with skeletal destruction] Brands T, et al. *Bruns Beitr Klin Chir* 217:377-83, Jun 69 (Ger)
- [The clinical picture of intracranial sarcomas] Kretschmer H. *Fortschr Neurol Psychiat* 37:653-60, Dec 69 (Ger)

## DRUG THERAPY

- [Combined chemotherapy of malignant tumors of anglogenic origin] Sokolov IuN. *Vestn Akad Med Nauk SSSR* 24:40-5, 1969 (Rus)

## ETIOLOGY

- [Hemangiopericytoma of the uterus] Laffargue P, et al. *Ann Anat Path (Paris)* 14:195-212, Apr-Jun 69 (Fre)

## METABOLISM

- On para-endocrine cancer syndromes. Goodall CM. *Int J Cancer* 4:1-13, 15 Jan 69 (110 ref.)
- [Renin-secreting tumor (juxtaglomerular cell tumor)] Hoshimo T. *Saishin Igaku* 24:2561-9, Dec 69 (Jap)

## MORTALITY

- Angioblastic meningiomas; clinicopathologic study of 81 cases. Pitkethly DT, et al. *J Neurosurg* 32:539-44, May 70
- [Hemangiopericytoma of the uterus] Laffargue P, et al. *Ann Anat Path (Paris)* 14:195-212, Apr-Jun 69 (Fre)

## PATHOLOGY

- Hemangiopericytomas of the uterus. Greene RR, et al. *Amer J Obstet Gynec* 106:1020-31, 1 Apr 70
- Orbital hemangiopericytoma or vascular meningioma? Sugar HS, et al. *Amer J Ophthal* 70:103-9, Jul 70
- Tumors arising from pericytes. Ultrastructure and organ culture of a case. Kuhn C 3d, et al. *Arch Path (Chicago)* 88:653-63, Dec 69
- Haemangiopericytoma of the small intestine. A report of three cases. Olsen EG, et al. *Brit J Surg* 57:66-9, Jan 70
- Hemangiopericytoma of the small bowel: case report and review of the literature. Larsen TE, et al. *Canad J Surg* 13:50-3, Jan 70
- Hemangiopericytoma with angiographic studies. A case report. Gerstmann KE, et al. *Clin Orthop* 68:108-11, Jan-Feb 70
- Malignant haemangiopericytoma. A case report. Vasudevan DM, et al. *Indian J Cancer* 6:262-6, Dec 69
- Haemangiopericytoma of kidney. Mehrotra TN, et al. *Indian J Path Bact* 12:128-30, Jul 69
- Haemangiopericytoma. Chhangani DL, et al. *J Laryng* 84:457-61, Apr 70
- Hemangiopericytoma of the pineal body. Olson JR, et al. *J Neurol Neurosurg Psychiat* 32:445-9, Oct 69



# SUBJECT SECTION

# HEMATOMA

- Hemangiopericytoma of the thoracic spine; case report.  
Fathie K. *J Neurosurg* 32:371-4, Mar 70  
Angioblastic meningiomas; clinicopathologic study of 81 cases. Pitkethly DT, et al.  
*J Neurosurg* 32:539-44, May 70  
Paravascular hemangiopericytoma. Hakala TR, et al.  
*J Urol* 103:436-40, Apr 70  
Nasal hemangiopericytoma. Eneroth CM, et al.  
*Laryngoscope* 80:17-24, Jan 70  
[Hemangiopericytoma of the uterus] Laffargue P, et al.  
*Ann Anat Path (Paris)* 14:195-212, Apr-Jun 69 (Fre)  
[Osteogenic sarcoma of the soft tissues. In fact, hemangiopericytoma with metaplastic osteogenesis] Brizon J, et al. *Presse Med* 77:1907-8, 29 Nov 69 (Fre)  
[Unusual primary tumor of the heart: a malignant hemangiopericytoma] Warembourg H, et al.  
*Presse Med* 77:2137-40, 27 Dec 69 (Fre)  
[Hemangiopericytoma of the right pubic bone with skeletal destruction] Brands T, et al.  
Bruns Beitr Klin Chir 217:377-83, Jun 69 (Ger)  
[Hemangiopericytoma. Clinical and anatomic-pathologic contribution] Candela F, et al.  
*Rass Int Clin Ter* 50:151-8, 15 Feb 70 (Ita)  
[A hemangiopericytoma of the eye lid] Oshida N, et al.  
*Folia Ophthal Jap* 21:269-72, Apr 70 (Jap)  
[Malignant hemangiopericytoma of the stomach] Kimura M, et al.  
*Jap J Cancer Clin* 15:1067-70, Dec 69 (Jap)  
[An experimental-histologic and pathomorphologic study of various soft tissue sarcomas] Zhudina AI, et al.  
*Vop Onkol* 16:46-54, May 70 (Rus)

## RADIOGRAPHY

- Hemangiopericytoma of the small bowel: case report and review of the literature. Larsen TE, et al.  
*Canad J Surg* 13:50-3, Jan 70  
Hemangiopericytoma with angiographic studies. A case report. Gerstmann KE, et al.  
*Clin Orthop* 68:108-11, Jan-Feb 70  
Paravascular hemangiopericytoma. Hakala TR, et al.  
*J Urol* 103:436-40, Apr 70  
[Bone tumors. A selection] Swoboda W.  
*Arch Atlas Norm Path Anat Typ Roentgenbild* 78:217-26, 1969 (Ger)  
[Hemangiopericytoma of the right pubic bone with skeletal destruction] Brands T, et al.  
Bruns Beitr Klin Chir 217:377-83, Jun 69 (Ger)  
[Meningeal arterial circulation in neuroradiologic diagnosis] Nori A, et al.  
*Radiol Med (Torino)* 54:209-23, Mar 68 (Ita)

## RADIOTHERAPY

- The role of radiation therapy in the management of soft somatic tissue sarcoma. Murphy WT.  
*Proc Nat Cancer Conf* 6:775-88, 1970

## SURGERY

- A twenty-five year experience with soft tissue sarcomas. Coran AG, et al.  
*Amer J Surg* 119:288-93, Mar 70  
Hemangiopericytoma of the small bowel: case report and review of the literature. Larsen TE, et al.  
*Canad J Surg* 13:50-3, Jan 70  
Hemangiopericytoma with angiographic studies. A case report. Gerstmann KE, et al.  
*Clin Orthop* 68:108-11, Jan-Feb 70  
Haemangiopericytoma of kidney. Mehrotra TN, et al.  
*Indian J Path Bact* 12:128-30, Jul 69  
Haemangiopericytoma. Chhangani DL, et al.  
*J Laryng* 84:457-61, Apr 70  
Hemangiopericytoma of the thoracic spine; case report.  
Fathie K. *J Neurosurg* 32:371-4, Mar 70  
Angioblastic meningiomas; clinicopathologic study of 81 cases. Pitkethly DT, et al.  
*J Neurosurg* 32:539-44, May 70  
Nasal hemangiopericytoma. Eneroth CM, et al.  
*Laryngoscope* 80:17-24, Jan 70  
[Cancer of the small intestine] Chevrel B, et al.  
*Presse Med* 78:1415-8, 24 Jun 70 (Fre)  
[Malignant hemangiopericytoma of the stomach] Kimura M, et al.  
*Jap J Cancer Clin* 15:1067-70, Dec 69 (Jap)

## THERAPY

- [Cancer of the stomach. II. Mesenchymal malignant

- tumors] Chevrel B, et al.  
*Presse Med* 78:1199-203, 27 May 70 (Fre)  
[Hemangiopericytoma of the right pubic bone with skeletal destruction] Brands T, et al.  
Bruns Beitr Klin Chir 217:377-83, Jun 69 (Ger)

## HEMATOMA

- Operative treatment of the advanced stasis ulcer using muscle transposition. A follow-up study. Ger R.  
*Amer J Surg* 120:376-80, Sep 70  
Spontaneous brain hemorrhage: a current review. Hay RK.  
*Appl Ther* 12:18-23, Apr 70  
Hematoma of the rectus abdominis muscle. Sasmaz O, et al.  
*Arch Surg (Chicago)* 100:8-10, Jan 70  
Puerperal perigenital hematomas. Report of a case of broad ligament hematoma and review of literature. Bukhari HI.  
*Arizona Med* 27:81-6, May 70  
Spontaneous intracerebellar haemorrhage. Chawla JC.  
*Brit Med J* 1:93-4, 10 Jan 70  
Jejunal hematoma, child abuse, and Felson's sign. Bratu M, et al.  
*Conn Med* 34:261-4, Apr 70  
Complications in brachial counter-current arteriography and in retrograde femoral arteriography. Garti I, et al.  
*Israel J Med Sci* 5:1192-7, Nov-Dec 69  
Arteriographic demonstration of a cerebellar hematoma. Lang EK.  
*J Louisiana Med Soc* 121:322-3, Oct 69  
Two cases of ruptured aneurysm of splanchnic arteries in pregnancy with comment on the lesser sac syndrome. Abramovich DR, et al.  
*J Obstet Gynaec Brit Comm* 76:1037-9, Nov 69  
Delayed repair of the ruptured left bronchus. A case report with determination of pulmonary surfactant. Strevey TE, et al.  
*J Thorac Cardiovasc Surg* 59:638-41, May 70  
Scurvy in the adult. Scobie BA.  
*New Zeal Med J* 70:398-400, Dec 69  
Our experiences with the silastic gel breast prosthesis. Cronin TD, et al.  
*Plast Reconstr Surg* 46:1-7, Jul 70  
Traumatic liver injuries. Hellström G.  
*Progr Liver Dis* 3:432-43, 1970 (101 ref.)  
Small bowel submucosal haematoma: a conservative attitude. Sanidad P, et al.  
*S Afr Med J* 44:811-4, 11 Jul 70  
Idiopathic intramural haematoma of the duodenum. Solanke TF, et al.  
*W Afr Med J* 18:140-2, Aug 69  
Intramural hematoma of the duodenum. Bush AK.  
*W Virginia Med J* 65:395-8, Dec 69  
[Hematoma of the rectus abdominis in a pregnant patient] Frische LE.  
*Ugeskr Laeg* 131:1845-6, 23 Oct 69 (Dan)  
[Spontaneous hematoma of adrenal glands in adults] Loire R, et al.  
*Ann Anat Path (Paris)* 14:441-8, Oct-Dec 69 (Fre)  
[Hematoma of the sigmoid mesocolon] Perrotin J, et al.  
*Ann Chir* 24:215-20, Feb 70 (Fre)  
[Damage of limb buds of chicken embryos by dimethyl sulfoxide] Cros S, et al.  
*Ann Pharm Franc* 28:263-70, Apr 70 (Fre)  
[Thyroid nodules in children and the adolescents. Diagnostic and therapeutic problems (apropos of 100 cases)] Mariani R, et al.  
*Arch Franc Pediat* 26:907-24, Oct 69 (Fre)  
[Secondary glaucoma due to closing of the angle] Demailly P, et al.  
*Arch Ophtal (Paris)* 30:141-6, Feb 70 (Fre)  
[Spontaneous hematoma of the sheath of the rectus abdominis] Stoppa R, et al.  
*Chirurgie* 96:354-8, 8-15 Apr 70 (Fre)  
[Traumatic rupture of a vein of the renal pedicle associated with renal injury and disinsertion of the calix. Apropos of 2 cases] Cukier J, et al.  
*J Chir (Paris)* 97:331-40, Mar 69 (Fre)  
[Primary infectious aneurysms of the limbs. 3 cases] Cormier JM, et al.  
*Presse Med* 77:1415-7, 4 Oct 69 (Fre)  
[Abdominal apoplexy. Observation of a clinical case as a complication of Schönlein-Henoch purpura] Metz J, et al.  
Bruns Beitr Klin Chir 217:573-6, Oct 69 (Ger)  
[Neonatal mortality. Description of clinical cases of rare occurrence] Gondolfo Caramello MT.  
*G Batt Virol Immun* 62:439-47, May-Aug 69 (Ita)  
[Pulmonary changes due to closed thoracic injuries] Fossati F.  
*Minerva Radiol* 14:222-9, Jun 69 (Ita)  
[5 year postoperative follow-up results of head injuries, with special reference to intracranial hematoma and depression fractures] Sano K.  
*J Jap Med Ass* 62:431-4, 1 Sep 69 (Jap)  
[Arterial aneurysm (aneurysm due to an iliac artery



- injury] Arantes WL, et al.  
Hospital (Rio) 77:525-35, Feb 70 (Por)  
[Primary intracerebral hematomas] Arseni C.  
Neurologia (Bucur) 15:115-27, Mar-Apr 70 (Rum)  
[Clinico-therapeutic study of 300 fractures of the  
petrous portion of the temporal bone and associated  
lesions] Oblu N, et al.  
Rev Medicochir Iasi 74:345-50, Apr-Jun 70 (Rum)  
[Biological properties of extravasated blood] Tepper  
PA, et al. Probl Gemat 13:21-4, Jun 68 (Rus)  
[Spontaneous perirenal hematoma secondary to  
polyarteritis nodosa histologically demonstrated]  
Oliva Otero G, et al.  
Prensa Med Argent 57:257-60, 3 Apr 70 (Spa)  
[Sub-capsular renal hematoma] Mocellini Iturralde JA,  
et al. Rev Argent Urol 36:238-40, Aug-Dec 67 (Spa)

## CEREBROSPINAL FLUID

- [Increased fibrinolysis of cerebro-spinal fluid in dogs  
with the intracranial paraffin clot  
(hematoma-model)] Fujii T.  
J Physiol Soc Jap 32:265-74, 1970 (Jap)

## CHEMICALLY INDUCED

- Evaluation of transluminal recanalisation of the  
femoral artery. Brahme F, et al.  
Acta Chir Scand 135:679-84, 1969  
Anticoagulant therapy. Leslie J.  
Brit Med J 4:621-2, 6 Dec 69  
Isoproterenol-induced cardiac lesions in frog observed  
in vivo. Poupa O, et al.  
Canad J Physiol Pharmacol 48:306-11, May 70  
Local anesthesia for patients with hemophilia. Nazif M.  
J Dent Child 37:79-84, Jan-Feb 70  
Breast-feeding and anticoagulant therapy. Eckstein  
HB, et al. Lancet 1:672-3, 28 Mar 70  
Antepartum thrombophlebitis. Morbidity with  
long-term heparin and a proposed regimen of therapy.  
Mueller MJ Jr, et al. Obstet Gynec 34:874-80, Dec 69  
Perileal nerve and root lesions developing as a result of  
hematoma formation during anticoagulant  
treatment. Parkes JD, et al.  
Postgrad Med J 46:146-8, Mar 70  
Significant complications of anticoagulant therapy.  
Macon WL, et al. Surgery 68:571-82, Sep 70 (93 ref.)  
Anticoagulant induced intramural hematoma of the  
small intestine. Schachner SH, et al.  
Virginia Med Monthly 96:717-9, Dec 69  
[Prophylaxis of postoperative thromboembolic  
disease: heparinate or heparinoid? 1000 cases]  
Malavaud A, et al.  
Anesth Analg (Paris) 27:225-35, Mar-Apr 70 (Fre)  
[Unusual complication of anticoagulant therapy]  
Paolaggi JA.  
Cah Coll Med Hop Paris 8:917-8, Sep 67 (Fre)  
[Occlusive syndromes due to intraparietal hematoma of  
the small intestine during anticoagulant therapy (3  
cases, 2 surgically treated)] Huart F d.  
Mem Acad Chir (Paris) 95:755-61, 1969 (Fre)  
[Pharyngeal hematomas complicating an anticoagulant  
treatment] Ray J, et al.  
Presse Med 77:2054, 20 Dec 69 (Fre)  
[Streptomycin therapy in pigeons] Bernau U, et al.  
Deutsch Tierärztl Wschr 77:431-4, 1 Sep 70 (Ger)  
[Increased fibrinolysis of cerebro-spinal fluid in dogs  
with the intracranial paraffin clot  
(hematoma-model)] Fujii T.  
J Physiol Soc Jap 32:265-74, 1970 (Jap)

## COMPLICATIONS

- Hepatic hemorrhage in toxemia of pregnancy.  
Castañeda H, et al.  
Amer J Obstet Gynec 107:578-84, 15 Jun 70  
Chronic duodenal obstruction. French WE.  
Amer J Surg 120:23-6, Jul 70  
Treatment of a large pseudotumour of the iliac bone in  
a patient with a severe form of haemophilia A.  
Heydenrijk PA, et al. Arch Chir Neerl 21:187-98, 1969  
Latent mediastinal tamponade after open-heart  
surgery. Hill JD, et al.  
Arch Surg (Chicago) 99:808-14, Dec 69  
Recovery from decerebration. Brendler SJ, et al.  
Brain 93:381-92, 1970  
Fractures of the mandibular condylar process.  
MacLennan WD. Brit J Oral Surg 7:31-9, Jul 69  
Controlled trial of an anticoagulant (warfarin sodium)

- in the prevention of venous thrombosis following hip  
surgery. Pinto DJ. Brit J Surg 57:349-52, May 70  
Ectopic pregnancy in a hernial sac: a case report.  
D'Souza CR, et al. Canad J Surg 13:166-7, Apr 70  
Vascular insufficiency complicating trauma to the  
lower limb. Doporto JM, et al.  
J Bone Joint Surg [Brit] 51:680-5, Nov 69  
Retropharyngeal haematoma. Clark WG, et al.  
J Laryng 83:1039-42, Oct 69  
Temporary blindness and ophthalmoplegia from nasal  
packing. Giammanco P, et al. J Laryng 84:631-5, Jun 70  
Calcified intracranial haematoma associated with  
chronic subdural hygroma. Arseni C, et al.  
J Neurol Neurosurg Psychiat 33:205-7, Apr 70  
Hydrocephalus in the adult secondary to the rupture of  
intracranial arterial aneurysms. Galera R, et al.  
J Neurosurg 32:634-41, Jun 70  
Craoerebral gunshot wounds in civilian practice.  
Raimondi AJ, et al. J Neurosurg 32:647-53, Jun 70  
Neonatal jaundice in Chinese newborns. Lee KH, et al.  
J Obstet Gynaec Brit Comm 77:561-4, Jun 70  
Traumatic perivesical hematoma: late sequelae of false  
ileac aneurysm. Harrow BR. J Urol 104:271-2, Aug 70  
Gangrene of an extremity in the newborn. Gilbert EF,  
et al. Pediatrics 45:469-72, Mar 70  
Perileal nerve and root lesions developing as a result of  
hematoma formation during anticoagulant  
treatment. Parkes JD, et al.  
Postgrad Med J 46:146-8, Mar 70  
Brain angiomata and intracerebral haematoma. Amell  
NO. Progr Brain Res 30:427-31, 1968  
Ischemic colitis with gangrene. Miller WT, et al.  
Radiology 94:291-7, Feb 70  
Complications of thyroid surgery: current concepts of  
prevention and treatment. Freeman GC.  
Surg Clin N Amer 50:409-25, Apr 70  
[A case of the A-type hemophilia, complicated by  
muscle hematoma and symptomatic neuritis] Pelovski  
P, et al. Khirurgia (Sofia) 23:102-3, 1970 (Bul)  
[Unusual course of pregnancy in a case of hematomole]  
Voogd J. Nederl T Geneesk 114:243-6, 7 Feb 70 (Dut)  
[From anosognosia to fabulation concerning a  
paralysed hemibody in a patient with left hemiplegia]  
Lainé E, et al.  
Ann Medico-psychol (Paris) 2:672-80, Dec 69 (Fre)  
[Cerebral concussion and the post-concussion  
syndrome] Ectors L.  
Arch Belg Med Soc 27:4-19, Jan 69 (Fre)  
[Severe case of anuria following retroperitoneal  
hematoma (R.P.H.)] Herman B, et al.  
Bull Fed Gynec Obstet Franc 21:73-8, Jan-Mar 69 (Fre)  
[A case of crural paralysis due to traumatic hematoma  
of the iliac psoas muscle] Dbjay H, et al.  
J Chir (Paris) 99:511-22, May-Jun 70 (Fre)  
[Unilateral vesico-renal reflux due to a perivesical  
hematoma secondary to a fracture of the pelvis]  
Rometti A.  
J Urol Nephrol (Paris) 76:286-8, Mar 70 (Fre)  
[Large hematoma within a histiocytoma raising  
diagnostic problems with melanoma] Colomb D, et al.  
Lyon Med 223:340, 1 Feb 70 (Fre)  
[Occlusive syndromes due to intraparietal hematoma of  
the small intestine during anticoagulant therapy (3  
cases, 2 surgically treated)] Huart F d.  
Mem Acad Chir (Paris) 95:755-61, 1969 (Fre)  
[Intracerebral hematomas revealing a cerebral tumor]  
Goutelle A, et al.  
Neurochirurgia (Stuttgart) 12:218-27, Nov 69 (Fre)  
[Regression of physiognomy recognition disorders and  
topographic memory disorders in a patient operated  
on for intracerebral, right parieto-temporal  
hematoma] Assal G.  
Rev Neurol (Paris) 121:184-5, Aug 69 (Fre)  
[Color vision disorders in posterior lesions of the brain  
a propos of 42 observations] Lhermitte F, et al.  
Rev Neurol (Paris) 121:5-29, Jul 69 (Fre)  
[Reminder of the neuropsychological symptoms of  
right hemispheric lesions] Assal G, et al.  
Schweiz Arch Neurol Neurochir Psychiat 105:217-39,  
1969 (Fre)  
[Treatment of protracted recurrent pulmonary  
embolism by ligation of the inferior vena cava] Gyr K.  
Munchen Med Wschr 112:1193-9, 19 Jun 70 (Ger)  
[Clinical studies on head injuries in infants] Hayakawa  
I, et al. Brain Nerve (Tokyo) 22:295-305, Mar 70 (Jap)  
[Tumor of the right buttock] Mitsuyasu G.  
Jap J Clin Path 18:38-9, Jan 70 (Jap)  
[Arterial hypertension following kidney injury]  
Zajackowski T.  
Pol Przegl Chir 41:1546-9, Nov 69 (30 ref.) (Pol)



# SUBJECT SECTION

## HEMATOMA

- [Retrolbulbar hemorrhages with acute exophthalmos as a cause of blindness and reflex changes of heart action] Andrzejewska W, et al.  
Pol Tyg Lek 25:579-80, 20 Apr 70 (Pol)  
[Therapy of septicemia] Molodov PA, et al.  
Klin Khir (Kiev) 7:87, Jul 69 (Rus)

### DIAGNOSIS

- The surgical management of intrahepatic hematomas. Thomas CS Jr, et al. Amer Surg 36:171-6, Mar 70  
Clinical evaluation of vocal velocity index in laryngeal disease. Iwata S, et al. Ann Otol 79:259-68, Apr 70  
The radioactive phosphorus uptake test in diagnosis of uveal melanoma. Hagler WS, et al.  
Arch Ophthalmol (Chicago) 83:548-57, May 70  
Detection of laryngeal disease by computer technique. Von Leden H, et al.  
Arch Otolaryng (Chicago) 91:3-10, Jan 70  
Latent mediastinal tamponade after open-heart surgery. Hill JD, et al.  
Arch Surg (Chicago) 99:808-14, Dec 69  
Hematoma of the rectus abdominis muscle. Sasmaz O, et al. Arch Surg (Chicago) 100:8-10, Jan 70  
Puerperal perigenital hematomas. Report of a case of broad ligament hematoma and review of literature. Bukhari HI. Arizona Med 27:81-6, May 70  
Haematoma of the rectus abdominis muscle. Its aetiology and a review of 10 cases. Stirrat GM, et al. Brit J Surg 57:175-8, Mar 70  
Pelvic hematoma masquerading as rectal abscess: report of a case. Swerdlow DB, et al.  
Dis Colon Rectum 13:341-3, Jul-Aug 70  
Use of echography with EEG in the diagnosis of cerebral haematomas. Agneray H, et al.  
Electroenceph Clin Neurophysiol 28:646, Jun 70  
Retropharyngeal haematoma. Clark WG, et al.  
J Laryng 83:1039-42, Oct 69  
Successful removal of a large intrapontine hematoma. Case report. Koos WT, et al.  
J Neurosurg 31:690-4, Dec 69  
Rectus muscle hematoma as a complication of gynecologic and obstetric procedures. Schiffer MA, et al. Obstet Gynec 35:231-4, Feb 70  
The management of postpartum hemorrhage. Williams TJ, et al. Surg Clin N Amer 49:1151-60, Oct 69  
Intramural hematomas of the alimentary tract in children. Stewart DR, et al. Surgery 68:550-7, Sep 70  
[Subcapsular hepatic hematoma in 2 newborn infants] Veleminský M. Cesk Pediat 25:96, Feb 70 (Cze)  
[Hematoma of the rectus abdominis in a pregnant patient] Frische LE.  
Ugeskr Laeg 131:1845-6, 23 Oct 69 (Dan)  
[Ultrasonic scanning in the diagnosis of diseases in the upper part of the abdomen] Holm HH.  
Ugeskr Laeg 131:2287-97, 25 Dec 69 (Dan)  
[One-dimension (A scan) echoencephalography. Its use in the clinical neurology of a general hospital] Henneaux J. Acta Neurol Belg 69:632-60, Aug 69 (Fre)  
[Prefrontal (fronto-orbital) extradural hematoma] Oblu N, et al. Acta Neurol Belg 69:249-56, Apr 69 (Fre)  
[Spontaneous hematoma of the sheath of the rectus abdominis] Stoppa R, et al.  
Chirurgie 96:354-8, 8-15 Apr 70 (Fre)  
[A case of crural paralysis due to traumatic hematoma of the iliac psoas muscle] Dbjay H, et al.  
J Chir (Paris) 99:511-22, May-Jun 70 (Fre)  
[Large hematoma within a histiocytoma raising diagnostic problems with melanoma] Colomb D, et al. Lyon Med 223:340, 1 Feb 70 (Fre)  
[Pharyngeal hematomas complicating an anticoagulant treatment] Ray J, et al.  
Presse Med 77:2054, 20 Dec 69 (Fre)  
[Combined echography and electroencephalography in the diagnosis of cerebral hematomas] Agneray H, et al. Rev Neurol (Paris) 121:265, Sep 69 (Fre)  
[Diagnosis of abruptio placentae in normally located placentae by means of ultrasonic technique] Herschlein HJ. Aertzi Forsch 24:210-3, 10 Jul 70 (Ger)  
[Differential diagnosis of eyelid hematomas] Honegger H. Klin Mbl Augenheilk 155:68-71, Jul 69 (Ger)  
[Periorbital eyelid hematoma. A clinical and experimental contribution to differential diagnosis] Honegger H. Med Mschr 23:441-3, Oct 69 (Ger)  
[Diagnosis and symptoms of parietal lobe tumors] Arseni C, et al.  
Schweiz Arch Neurol Neurochir Psychiat 106:209-22, 1970 (Ger)  
[Localization of cerebral processes in the EEG and

- brain scan] Schmolgl S, et al.  
Wien Z Nervenheilk 27:393-6, 1969 (Ger)  
[Intrahepatic hematoma] Blerwag K.  
Zbl Chir 94:643-6, 10 May 69 (Ger)  
[Unilateral papilledemas] Skrzypczak J.  
Zbl Neurochir 30:249-54, 1969 (Ger)  
[Clinico-neurological study of surgical therapy of hypertensive brain hemorrhage, with special reference to the localization of hematoma and surgical indication] Onodera E.  
Advances Neurol Sci (Tokyo) 13:647-59, Nov 69 (Jap)  
[Spontaneous intracerebellar hematoma; report of a case and review of surgically treated cases in the literature] Yamashita J, et al.  
Brain Nerve (Tokyo) 22:983-8, Aug 70 (Jap)  
[Hematoma under the retinal pigment epithelium presumed to be a malignant melanoma of the choroid] Uyama M, et al.  
Folia Ophthalm Jap 20:692-4, Jul 69 (Jap)  
[Hemorrhage into the rectus muscle of the stomach] Tsatsanidi KN, et al.  
Khirurgia (Moskva) 45:144-5, May 69 (Rus)  
[Differential diagnosis of Paget-Schroetter disease] Dumpe EP, et al.  
Vestn Khir Grekov 104:46-51, May 70 (Rus)  
[Diagnosis of traumatic intramural hematomas of the intestine] Evdokimov VN, et al.  
Vestn Khir Grekov 104:94-8, May 70 (Rus)

### DRUG THERAPY

- The pathology and treatment of haematoma of the nasal septum. Fry HJ. Brit J Plast Surg 22:331-5, Oct 69  
Experimental studies on the chemotherapy of open fracture (2). The distribution of kanamycin (2'-amino-2'-deoxy kanamycin) concentrations in the blood and in fracture hematoma. Kondo S.  
Bull Osaka Med Sch 15:127-36, Oct 69  
Bromelain—a proteolytic enzyme. Körlof B, et al.  
Scand J Plast Reconstr Surg 3:27-9, 1969  
[Clinical test of a new vascular eutrophic agent in phlebology] Passas H.  
Phlebologie 22:219-24, Apr-Jun 69 (Fre)  
[Further experimental studies on the effect of a hirudin-containing ointment] Tronnier H.  
Hautarzt 20:114-6, Mar 69 (Ger)  
[Effectiveness of heparinoid-aescin gel] Ludwig H.  
Med Welt 5:194-6, 31 Jan 70 (Ger)  
[Use of benzydamine in traumatology] Perini G.  
Minerva Ortop 19:200-2, Apr 68 (Ita)

### ENZYMOLOGY

- The biochemical characteristics of the fracture hematoma in man. Wray JB.  
Surg Gynec Obstet 130:847-52, May 70

### ETIOLOGY

- Nephrectomy following liver biopsy. Blain C.  
Amer J Dig Dis 14:745-7, Oct 69  
Extravasation of urine. Radiological demonstration following percutaneous renal biopsy. Stern L, et al.  
Amer J Dis Child 119:88-90, Jan 70  
Hepatic hemorrhage in toxemia of pregnancy. Castañeda H, et al.  
Amer J Obstet Gynec 107:578-84, 15 Jun 70  
Angiographic demonstration of acute renal hemorrhage. Cornell SH.  
Amer J Roentgen 109:549-52, Jul 70  
The angiographic features of organizing splenic hematoma (?hamartoma). Graham JC Jr, et al.  
Amer J Roentgen 107:430-3, Oct 69  
Unusual cause of intramural hematoma of duodenum. Katsas AG, et al. Amer Surg 36:563-4, Sep 70  
The surgical management of intrahepatic hematomas. Thomas CS Jr, et al. Amer Surg 36:171-6, Mar 70  
Erosion aneurysm secondary to pharyngomaxillary abscess. Zook EG, et al. Amer Surg 36:460-2, Jul 70  
Percutaneous radial artery cannulation. Brown AE, et al. Anaesthesia 24:532-6, Oct 69  
Prolonged femoral arterial catheterization for intensive care. Ersoz CJ, et al.  
Anesth Analg (Cleveland) 49:160-4, Jan-Feb 70  
Complications of cerebral angiography: preliminary report of 432 examinations. Raskind R, et al.  
Angiology 21:447-50, Jul 70  
Percutaneous transarterial angiography: complications and their avoidance. Redman HC, et al.  
Angiology 21:575-9, Oct 70



- Iliac muscle hematoma. A complication of heparin administration. Sigler L, et al. *Angiology* 21:114-5, Feb 70
- Bilateral subcapsular hematoma after needle biopsy of one kidney. Yatzidis H, et al. *Angiology* 20:580-4, Nov 69
- A new technique for blind (subcutaneous) fasciotomy of the anterior compartment of the leg. Reneman RS, et al. *Arch Chir Neerl* 22:39-43, 1970
- Dural sinus and cerebral venous thrombosis. Incidence in young women receiving oral contraceptives. Buchanan DS, et al. *Arch Neurol (Chicago)* 22:440-4, May 70
- Hematoma of the rectus abdominis muscle. Sasmaz O, et al. *Arch Surg (Chicago)* 100:8-10, Jan 70
- Polyarteritis nodosa with bilateral renal artery aneurysms and perirenal haematomas: angiographic and nephrotomographic features. Peterson C Jr, et al. *Brit J Radiol* 43:62-8, Jan 70
- Haematoma of the rectus abdominis muscle. Its aetiology and a review of 10 cases. Stirrat GM, et al. *Brit J Surg* 57:175-8, Mar 70
- Entrapment neuropathies. *Brit Med J* 1:645, 14 Mar 70
- Pulmonary hematoma associated with thrombocytopenia. Luna MA, et al. *Chest* 57:487-9, May 70
- Percutaneous right and left heart catheterization in children. Experience with 1,000 patients. Simovitch H, et al. *Circulation* 41:513-7, Mar 70
- Total hip prostheses. Müller ME. *Clin Orthop* 72:46-68, Sep-Oct 70
- Pelvic hematoma masquerading as rectal abscess: report of a case. Swerdlow DB, et al. *Dis Colon Rectum* 13:341-3, Jul-Aug 70
- Observations of the hallux sesamoids in trauma to the denervated foot. Enna CD. *Int Surg* 53:97-107, Feb 70
- Unusual infected hematoma: report of case. Ewbank RL. *J Amer Dent Ass* 79:898-900, Oct 69
- Unusual infected hematoma: report of case. Ewbank RL. *J Biomed Mat Res* 79:898-900, Oct 69
- Haemophilic cysts. Report of five cases. Steel WM, et al. *J Bone Joint Surg [Brit]* 51:614-26, Nov 69
- A complication with the use of the Fogarty balloon catheter for arterial embolectomy. Cranley JJ, et al. *J Cardiovasc Surg (Torino)* 10:407-9, Sep-Oct 69
- Retropharyngeal haematoma. Clark WG, et al. *J Laryng* 83:1039-42, Oct 69
- Radiologic seminar 88: Ischial apophysiolysis. McCay TS. *J Mississippi Med Ass* 10:466-7, Oct 69
- Successful removal of a large intrapontine hematoma. Case report. Koos WT, et al. *J Neurosurg* 31:690-4, Dec 69
- Consideration of the intrinsic nerve supply of the eye in orbital fractures. Lewis JM, et al. *J Oral Surg* 28:707-10, Sep 70
- Bilateral lipoma of the tongue with postoperative complications: report of case. Moss DC, et al. *J Oral Surg* 28:533-6, Jul 70
- Scalene node excision-biopsy in stages 3 and 4 carcinoma of prostate: background notes and preliminary report. Arduino LJ. *J Urol* 103:458-61, Apr 70
- Post-prostatectomy epididymitis: a bacteriological and clinical survey. Beck AD, et al. *J Urol* 104:143-5, Jul 70
- Focal osmotic nephrosis due to the therapeutic use of mannitol: a case of perirenal hematoma after renal biopsy. Goodwin WE, et al. *J Urol* 103:11-4, Jan 70
- Traumatic perivesical hematoma: late sequela of false ileac aneurysm. Harrow BR. *J Urol* 104:271-2, Aug 70
- Urologic complications in percutaneous renal biopsy in children. Karafin L, et al. *J Urol* 103:332-5, Mar 70
- Spontaneous intracerebral haematoma in a patient undergoing haemodialysis. Vapalahti PM, et al. *Lancet* 2:823, 17 Oct 70
- Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 52-1969. *New Eng J Med* 281:1414-9, 18 Dec 69
- Rectus muscle hematoma as a complication of gynecologic and obstetric procedures. Schiffer MA, et al. *Obstet Gynec* 35:231-4, Feb 70
- Silastic breast implants: coping with complications. Johnson HA. *Plast Reconstr Surg* 44:588-91, Dec 69
- Some aspects of thoracic trauma. Wilkinson AE. *Proc Mine Med Officers Ass* 48:11-6, May-Jul 69
- Postemetic dissecting intramural hematoma of the esophagus. Joffe N, et al. *Radiology* 95:379-80, May 70
- Complication rate of selective cerebral angiography in infants and children. A comparison with a similar adult series. Obenchain TG, et al. *Radiology* 95:669-73, Jun 70
- Surgical complications associated with arterial catheterization. Eriksson I, et al. *Scand J Thorac Cardiovasc Surg* 4:69-75, 1970
- Splenectomy in a hemophiliac. Diagnosis of occult rupture, preoperative evaluation, and postoperative support. Baron JM, et al. *Surg Clin N Amer* 50:205-11, Feb 70
- Unexpected postoperative problems in skin grafting. Flowers RS. *Surg Clin N Amer* 50:439-56, Apr 70
- Unexpected complications of radical prostatectomy. Strode WS. *Surg Clin N Amer* 50:387-93, Apr 70
- Intramural hematomas of the alimentary tract in children. Stewart DR, et al. *Surgery* 68:550-7, Sep 70
- New families with factor XII deficiency. Egeberg O. *Thromb Diath Haemorrh* 23:441-8, 30 Jun 70
- [Hematoma of the rectus abdominis in a pregnant patient] Frische LE. *Ugeskr Laeg* 131:1845-6, 23 Oct 69 (Dan)
- [Traumatic intramural hematoma of the duodenum] Madsen B, et al. *Ugeskr Laeg* 132:1188-90, 18 Jun 70 (Dan)
- [Spinal arachnoid blood clot as a complication following lumbar puncture in the course of anticoagulant therapy] Joosten EM, et al. *Nederl T Geneesk* 114:1364-6, 15 Aug 70 (Dut)
- [Hematoma of the sigmoid mesocolon] Perrotin J, et al. *Ann Chir* 24:215-20, Feb 70 (Fre)
- [A case of angio-myolipoma of the kidney revealed by an encysted hematoma. Arteriographic study] Polleux J, et al. *Ann Chir* 24:311-5, Mar 70 (Fre)
- ["Cephalomatoma", this biological-unknown] Bruniquel G, et al. *Bull Fed Gynec Obstet Franc* 22:121-3, Jan-Mar 70 (Fre)
- [Important hematoma in a histiocytoma raising problems of melanoma diagnosis] Colomb D, et al. *Bull Soc Franc Derm Syph* 76:891-2, 1969 (Fre)
- [Complications of percutaneous retrograde arterial catheterization] Olivier C, et al. *Chirurgie* 96:680-8, 1970 (Fre)
- [A major form of plantar phlyctenular hemorrhagic pseudochromhidrosis. Association with thrombocyte disorders. Pathogenic explanation] Dupré A. *Dermatologica (Basel)* 140:178-85, 1970 (Fre)
- [Liver injuries] Fékété F, et al. *J Chir (Paris)* 98:55-74, Jul-Aug 69 (Fre)
- [The treatment of tunica vaginalis hydrocele by the Lord technic] Aboulker P, et al. *J Urol Nephrol (Paris)* 76:582-4, Jun 70 (Fre)
- [Perirenal hematomas due to a angio-myolipomatosis during a visceral form of Bourneville tuberous sclerosis] Rognon LM, et al. *Mem Acad Chir (Paris)* 95:499-504, 1969 (Fre)
- [Distal arterial aneurysms or aneurysms in peripheral branches of the middle cerebral artery] Courson B, et al. *Neurochirurgie* 16:15-24, Jan-Feb 70 (Fre)
- [Vascular lesion of the small intestine in a patient treated with anticoagulants] Monnoyer JF, et al. *Rev Med Liege* 24:728-31, 15 Oct 69 (Fre)
- [Surgical treatment of traumatic liver damage] Bengmark S, et al. *Chirurg* 40:458-61, Oct 69 (Ger)
- [Knee joint hematomas not due to accidents] Andreesen R. *Deutsch Med Wschr* 95:1217-8, 29 May 70 (Ger)
- [Complications in various arteriographic examination methods] Belán A, et al. *Fortschr Roentgenstr* 110:57-64, Jan 69 (Ger)
- [Complications in catheter arteriography using Seldinger's technic] Heger N, et al. *Fortschr Roentgenstr* 111:124-30, Jul 69 (Ger)
- [Periorbital eyelid hematoma. A clinical and experimental contribution to differential diagnosis] Honegger H. *Med Mschr* 23:441-3, Oct 69 (Ger)
- [Puncture of the subclavian vein and its complications from the pathological and anatomical viewpoint] Scholz G, et al. *Med Welt* 41:2248-51, 11 Oct 69 (Ger)
- [Various lesions, disorders and complications of peripheral percutaneous angiography] Ulmer D. *Med Welt* 41:2217-22, 11 Oct 69 (Ger)
- [Nil nocere. Late haemorrhage after blind hepatic biopsy] Kottlors W, et al. *Munchen Med Wschr* 112:1238-40, 26 Jun 70 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [Kinetics of chronic consumption coagulopathy] Vinazzer H. *Wien Z Inn Med* 51:49-58, 1970 (Ger)
- [Intrahepatic hematomas] Bierwag K. *Zbl Chir* 94:643-6, 10 May 69 (Ger)
- [Surgical treatment of complications in Seldinger's



# SUBJECT SECTION

# HEMATOMA

- indirect angiography] Heinrich P, et al.  
Zbl Chir 94:12-22, 4 Jan 69 (Ger)  
[Clinical consideration of spontaneous vulvar  
hematoma] Nitzsche P, et al.  
Zbl Gynaek 92:585-8, 9 May 70 (Ger)  
[Postoperative electroencephalographic studies of  
traumatic intracranial hematoma] Yamamoto T, et al.  
Brain Nerve (Tokyo) 21:1079-87, Oct 69 (Jap)  
[Pathomorphologic state of the heart in experimental  
thoracic injuries in dogs] Sośnierz M, et al.  
Pat Pol 20:219-26, Apr-Jun 69 (Pol)  
[Thrombosis of internal artery following closed  
injuries of head and neck] Mazurowski W, et al.  
Pol Przegl Chir 41:1706-10, Dec 69 (Pol)  
[Rare coexistence of pulmonary hematoma and  
pneumothorax after chest injury] Dobrowolski J, et  
al. Pol Przegl Radiol 34:323-8, May-Jun 70 (Pol)  
[Problems in fractures of the pelvis with associated  
lesions] Ciohodaru G, et al.  
Rev Medicochir Iasi 74:103-10, Jan-Mar 70 (Rum)  
[Case of false traumatic aneurysm of the left ventricle  
of the heart after a gunshot wound of the chest]  
Ermilov VV. Kardiologiya 10:134-5, May 70 (Rus)  
[A case of acute fibrinolysis] Allmov TU, et al.  
Khirurgiya (Moskva) 45:146-7, May 69 (Rus)  
[Treatment of fractures of tuberosities of distal  
phalanges and subungual hematomas of the fingers]  
Bogdanov EA. Klin Khir (Kiev) 12:50-1, Dec 69 (Rus)  
[An atypical course of the hemorrhagic period as a  
complication of aneurysm rupture with arterial spasm  
and intracerebral hematoma] Zlotnik EI, et al.  
Zh Nevropat Psikhiat Korsakov 70:212-6, 1970 (Rus)  
[Perivesical dissecting hematoma. A rare  
complication of surgery for genital prolapse] Cornelli  
O, et al. Prensa Med Argent 56:988-9, 25 Jul 69 (Spa)  
[Spontaneous perirenal hematoma (2 cases)] Torrenti  
H, et al. Rev Argent Urol 38:229-32, Sep 69 (Spa)  
[Complications following percutaneous renal biopsy.  
Review] Mydlík M.  
Vnitřní Lek 16:168-76, Feb 70 (77 ref.) (Slo)

## METABOLISM

- Preoperative induction of healing in skin wounds in  
rats. Kassens WD Jr, et al. Surg Forum 20:60-3, 1969  
The biochemical characteristics of the fracture  
hematoma in man. Wray JB.  
Surg Gynec Obstet 130:847-52, May 70

## MICROBIOLOGY

- Brucella organisms isolated from dogs: comparison of  
characteristics of members of the genus Brucella.  
Meyer ME. Amer J Vet Res 30:1751-6, Oct 69  
Unusual infected hematoma: report of case. Ewbank  
RL. J Amer Dent Ass 79:898-900, Oct 69  
Unusual infected hematoma: report of case. Ewbank  
RL. J Biomed Mat Res 79:898-900, Oct 69  
Major surgery in a patient with thrombasthenia and  
rapid removal of normal platelets. Barlie H, et al.  
Scand J Haemat 6:338-42, 1969

## MORTALITY

- Haematoma of the rectus abdominis muscle. Its  
aetiology and a review of 10 cases. Stirrat GM, et al.  
Brit J Surg 57:175-8, Mar 70  
Craoerebral gunshot wounds in civilian practice.  
Raimondi AJ, et al. J Neurosurg 32:647-53, Jun 70  
[Increased fibrinolysis of cerebro-spinal fluid in dogs  
with the intracranial paraffin clot  
(hematoma-model)] Fujii T.  
J Physiol Soc Jap 32:265-74, 1970 (Jap)

## OCCURRENCE

- Complications of otoplasty. Goode RL, et al.  
Arch Otolaryng (Chicago) 91:352-5, Apr 70

## PATHOLOGY

- Bilateral subcapsular hematoma after needle biopsy of  
one kidney. Yatzidis H, et al.  
Angiology 20:580-4, Nov 69  
Hematoma of the rectus abdominis muscle. Sasmaz O,  
et al. Arch Surg (Chicago) 100:8-10, Jan 70  
The pathology and treatment of haematoma of the nasal  
septum. Fry HJ. Brit J Plast Surg 22:331-5, Oct 69  
Haemophilic cysts. Report of five cases. Steel WM, et  
al. J Bone Joint Surg [Brit] 51:614-26, Nov 69

- Vascular anatomy of the human placenta and its  
significance for placental pathology. Wigglesworth  
JS. J Obstet Gynaec Brit Comm 76:979-89, Nov 69  
ase records of the Massachusetts General Hospital.  
Weekly clinicopathological exercises. Case 1-1970.  
New Eng J Med 282:38-44, 1 Jan 70  
Case records of the Massachusetts General Hospital.  
Weekly clinicopathological exercises. Case 52-1969.  
New Eng J Med 281:1414-9, 18 Dec 69  
Microvascular response to experimental spinal cord  
trauma. Ducker TB, et al. Surg Forum 20:428-30, 1969  
[A case of crural paralysis due to traumatic hematoma  
of the iliac psoas muscle] Dbjay H, et al.  
J Chir (Paris) 99:511-22, May-Jun 70 (Fre)  
[Spontaneous intracerebellar hematoma; report of a  
case and review of surgically treated cases in the  
literature] Yamashita J, et al.  
Brain Nerve (Tokyo) 22:983-8, Aug 70 (Jap)  
[Cerebral intraparenchymal hematoma] Pérez Sotelo  
R, et al. Rev Clin Esp 12:439-44, 15 Sep 69 (Spa)  
[Cerebral intraparenchymal hematoma] Pérez Sotelo  
R, et al. Rev Clin Esp 112:439-44, 15 Sep 69 (Spa)

## PHYSIOPATHOLOGY

- [Clinical aspects of supratentorial vestibular  
pathology. Case records of 54 cases] Felletti V, et al.  
Ann Laring 67:671-705, 1968 (Ita)  
[Postoperative electroencephalographic studies of  
traumatic intracranial hematoma] Yamamoto T, et al.  
Brain Nerve (Tokyo) 21:1079-87, Oct 69 (Jap)

## PREVENTION & CONTROL

- Evaluation of transluminal recanalisation of the  
femoral artery. Brahme F, et al.  
Acta Chir Scand 135:679-84, 1969  
A double-blind trial of bromelains as an adjunct to  
vaginal plastic repair operations. Cowie DH, et al.  
J Obstet Gynaec Brit Comm 77:365-8, Apr 70  
Ligation, stripping, and excision of varicose veins. Dale  
WA. Surgery 67:389-93, Feb 70  
[Treatment of the post-traumatic hematoma.  
Reduction according to charnley-padded, primary  
circular plaster cast-venornton treatment] Schmitt  
HW. Munchen Med Wschr 112:384-8, 27 Jan 70 (Ger)

## RADIOGRAPHY

- Angiographic demonstration of acute renal  
hemorrhage. Cornell SH.  
Amer J Roentgen 109:549-52, Jul 70  
The angiographic features of organizing splenic  
hematoma (?hamartoma). Graham JC Jr, et al.  
Amer J Roentgen 107:430-3, Oct 69  
Percutaneous selective arteriography in abdominal  
emergencies. Green WH, et al.  
Amer J Roentgen 107:803-11, Dec 69  
Spontaneous closure of traumatic renal arteriovenous  
fistulas. Halpern M. Amer J Roentgen 107:730-6, Dec 69  
Renal pseudotumors. Lopez FA.  
Amer J Roentgen 109:172-84, May 70  
Polyarteritis nodosa with bilateral renal artery  
aneurysms and perirenal haematomas: angiographic  
and nephrotomographic features. Peterson C Jr, et al.  
Brit J Radiol 43:62-6, Jan 70  
Pulmonary hematoma associated with  
thrombocytopenia. Luna MA, et al.  
Chest 57:487-9, May 70  
Aortography in the investigation of traumatic  
mediastinal haematoma. Davies ER, et al.  
Clin Radiol 21:297-305, Jul 70  
A useful roentgen sign in dissecting aneurysm of the  
thoracic aorta. Dizadji H, et al.  
Dis Chest 56:456-8, Nov 69  
Subcapsular hematoma of the spleen and associated  
subdiaphragmatic hematoma. Peters JP, et al.  
J Louisiana Med Soc 122:185-6, Jun 70  
Hypernephroma with massive perineal hematoma.  
Radiological notes. Shevach MR.  
J Mount Sinai Hosp NY 36:439-42, Sep-Oct 69  
Hemophilia, (Factor VIII deficiency) hematuria and  
urological intervention. Albert DJ, et al.  
J Urol 103:421-4, Apr 70  
Traumatic perivesical hematoma: late sequela of false  
ileac aneurysm. Harrow BR. J Urol 104:271-2, Aug 70  
Postmetabolic dissecting intramural hematoma of the  
esophagus. Joffe N, et al. Radiology 95:379-80, May 70  
Simultaneous screen and nonscreen films for



- evaluation of lumps of the skull and spine. Poznanski AK. *Radiology* 95:424, May 70
- Small bowel submucosal haematoma: a conservative attitude. Sanidad P, et al. *S Afr Med J* 44:811-4, 11 Jul 70
- Arteriography as an adjunct to the diagnosis of splenic injury. Polln SG, et al. *Surgery* 67:313-8, Feb 70
- [Prefrontal (fronto-orbital) extradural hematoma] Obliu N, et al. *Acta Neurol Belg* 69:249-56, Apr 69 (Fre)
- [Differential diagnosis of isolated round shadows of the lung] Papagni L. *Minerva Med* 61:2156-79, 16 May 70 (Ita)
- [Traumatic intracranial hematoma without angiographic deviation of the anterior section of the superior cerebral artery] Miyazaki Y, et al. *Brain Nerve (Tokyo)* 22:661-75, Jun 70 (Jap)
- [Spontaneous intracerebellar hematoma; report of a case and review of surgically treated cases in the literature] Yamashita J, et al. *Brain Nerve (Tokyo)* 22:983-8, Aug 70 (Jap)
- [Rare coexistence of pulmonary hematoma and pneumothorax after chest injury] Dobrowolski J, et al. *Pol Przegl Radiol* 34:323-8, May-Jun 70 (Pol)
- [Diagnosis of traumatic intramural hematomas of the intestine] Evdokimov VN, et al. *Vestn Khir Grekov* 104:94-8, May 70 (Rus)

## SURGERY

- Angiographic study of the collateral circulation to the liver after ligation of the hepatic artery in man. Bengmark S, et al. *Amer J Surg* 119:620-4, Jun 70
- Ischemia and gangrene of the colon following abdominal aortic resection. McBurney RP, et al. *Amer Surg* 36:205-9, Apr 70
- The surgical management of intrahepatic hematomas. Thomas CS Jr, et al. *Amer Surg* 36:171-6, Mar 70
- Perianal ecchymosis as a clinical sign. Manifestation of rupture of an aneurysm into the sigmoid mesocolon. Tamvakopoulos SK, et al. *Arch Surg (Chicago)* 99:612-4, Nov 69
- The pathology and treatment of haematoma of the nasal septum. Fry HJ. *Brit J Plast Surg* 22:331-5, Oct 69
- Diffuse cavernous haemangioma of the rectum and sigmoid colon. Stening SG, et al. *Brit J Surg* 57:186-9, Mar 70
- Haematoma of the rectus abdominis muscle. Its aetiology and a review of 10 cases. Stirrat GM, et al. *Brit J Surg* 57:175-8, Mar 70
- Pelvic hematoma masquerading as rectal abscess: report of a case. Swerdlow DB, et al. *Dis Colon Rectum* 13:341-3, Jul-Aug 70
- Haemophilic cysts. Report of five cases. Steel WM, et al. *J Bone Joint Surg [Brit]* 51:614-26, Nov 69
- Successful removal of a large intrapontine hematoma. Case report. Koos WT, et al. *J Neurosurg* 31:690-4, Dec 69
- Craocerebral gunshot wounds in civilian practice. Raimondi AJ, et al. *J Neurosurg* 32:647-53, Jun 70
- Surgical technique in six hemihepatectomies. Baden H, et al. *Scand J Gastroent Suppl* 7:169+, 1970
- Surgical Grand Rounds from the University of Mississippi Medical Center. *Southern Med J* 63:1021-9, Sep 70
- The management of postpartum hemorrhage. Williams TJ, et al. *Surg Clin N Amer* 49:1151-60, Oct 69
- Painless evacuation of subungual hematoma. Wee GC, et al. *Surg Gynec Obstet* 131:531, Sep 70
- Intramural hematomas of the alimentary tract in children. Stewart DR, et al. *Surgery* 68:550-7, Sep 70
- [Cerebral apoplexy. Surgical treatment of intracerebral hematomas] Rishede J. *Cesk Neurol* 32:217-23, Sep 69 (Cze)
- [Prefrontal (fronto-orbital) extradural hematoma] Obliu N, et al. *Acta Neurol Belg* 69:249-56, Apr 69 (Fre)
- [Hematoma of the sigmoid mesocolon] Perrotin J, et al. *Ann Chir* 24:215-20, Feb 70 (Fre)
- [A case of crural paralysis due to traumatic hematoma of the iliac psoas muscle] Dbjay H, et al. *J Chir (Paris)* 99:511-22, May-Jun 70 (Fre)
- [Intracerebral hematomas revealing a cerebral tumor] Goutelle A, et al. *Neurochirurgia (Stuttgart)* 12:218-27, Nov 69 (Fre)
- [Regression of physiognomy recognition disorders and topographic memory disorders in a patient operated on for intracerebral, right parieto-temporal hematoma] Assal G. *Rev Neurol (Paris)* 121:184-5, Aug 69 (Fre)
- [Current management in major surgical interventions

- in patients with hemophilia A] Wedell J, et al. *Deutsch Med Wschr* 94:2539-44, 5 Dec 69 (Ger)
- [Postoperative progressive gangrene] Stauffer UG, et al. *Helv Paediat Acta* 25:194-203, Apr 70 (Ger)
- [Intrahepatic hematoma] Bierwag K. *Zbl Chir* 94:643-6, 10 May 69 (Ger)
- [Surgical treatment of complications in Seldinger's indirect angiography] Heinrich P, et al. *Zbl Chir* 94:12-22, 4 Jan 69 (Ger)
- [Clinico-neurological study of surgical therapy of hypertensive brain hemorrhage, with special reference to the localization of hematoma and surgical indication] Onodera E. *Advances Neurol Sci (Tokyo)* 13:647-59, Nov 69 (Jap)
- [Postoperative electroencephalographic studies of traumatic intracranial hematoma] Yamamoto T, et al. *Brain Nerve (Tokyo)* 21:1079-87, Oct 69 (Jap)
- [Spontaneous intracerebellar hematoma; report of a case and review of surgically treated cases in the literature] Yamashita J, et al. *Brain Nerve (Tokyo)* 22:983-8, Aug 70 (Jap)
- [Increased fibrinolysis of cerebro-spinal fluid in dogs with the intracranial paraffin clot (hematoma-model)] Fujii T. *J Physiol Soc Jap* 32:265-74, 1970 (Jap)
- [Changes in electrocardiography in hypertensive cerebral hemorrhage. 2. Post-surgical follow-up of hypertensive cerebral hemorrhage] Kuramitsu H, et al. *Saishin Igaku* 24:1547-52, Jul 69 (Jap)
- [Operative technic in removing intracranial hematoma] Kitamura K, et al. *Shujutsu* 24:665-75, Jun 70 (Jap)
- [Excision of hematoma in hypertensive cerebral hemorrhage] Kanaya H, et al. *Surg Ther (Osaka)* 21:8-16, Jul 69 (Jap)
- [Diagnosis and treatment of arterial injuries: analysis of 95 cases] Wolosker M, et al. *Rev Ass Med Brasil* 15:321-30, Aug 69 (Por)
- [Treatment of fractures of tuberosities of distal phalanges and subungual hematomas of the fingers] Bogdanov EA. *Klin Khir (Kiev)* 12:50-1, Dec 69 (Rus)
- [Diagnosis of traumatic intramural hematomas of the intestine] Evdokimov VN, et al. *Vestn Khir Grekov* 104:94-8, May 70 (Rus)
- [Spontaneous perirenal hematoma (2 cases)] Torrenti H, et al. *Rev Argent Urol* 38:229-32, Sep 69 (Spa)
- [Spontaneous atypical intracerebral hemorrhages] Ercegovic N. *Vojnosanit Pregl* 27:214-6, May 70 (Cro)

## THERAPY

- Anti-G suit as a therapeutic device. Pelligra R, et al. *Aerospace Med* 41:943-5, Aug 70
- Hematoma of the rectus abdominis muscle. Sasmaz O, et al. *Arch Surg (Chicago)* 100:8-10, Jan 70
- Minor injuries and their management. Bhattacharya S. *J Indian Med Ass* 53:189-91, 16 Aug 69
- Rectus muscle hematoma as a complication of gynecologic and obstetric procedures. Schiffer MA, et al. *Obstet Gynec* 35:231-4, Feb 70
- [Spontaneous hematoma of the sheath of the rectus abdominis] Stoppa R, et al. *Chirurgie* 96:354-8, 8-15 Apr 70 (Fre)
- [Treatment of the post-traumatic hematoma. Reduction according to charnley-padded, primary circular plaster cast-venorin treatment] Schmitt HW. *Munchen Med Wschr* 112:384-8, 27 Jan 70 (Ger)
- [Clinical consideration of spontaneous vulvar hematoma] Nitzsche P, et al. *Zbl Gynaek* 92:585-8, 9 May 70 (Ger)

## VETERINARY

- Postparturient infections of dairy cattle. Callahan CJ. *J Amer Vet Med Ass* 155:1963-7, 15 Dec 69
- [Streptomycin therapy in pigeons] Bernau U, et al. *Deutsch Tieraerztl Wschr* 77:431-4, 1 Sep 70 (Ger)

## HEMOPHILIA

- The management of bleeding in hemophilia. Abildgaard CF. *Advances Pediat* 16:365-90, 1969 (57 ref.)
- Psychiatric factors in hemophilia methods of parental adaptation. Agle DP, et al. *Bibl Haemat* 34:89-94, 1970
- Orthopaedic surgery in bleeders. Ahlberg A. *Bibl Haemat* 34:170-6, 1970
- Inhibitors in haemophilia. Biggs R. *Bibl Haemat* 34:125-34, 1970
- Orthopaedic and other surgical aspects of hemophilia.



# SUBJECT SECTION

# HEMOPHILIA

- Introduction of topic. Jordan HH.  
Bibl Haemat 34:159-61, 1970
- Problems related to anticoagulants in hemophiliacs.  
Strauss HS. Bibl Haemat 34:149-53, 1970
- Dental treatment of patients with hemorrhagic disorders. Webster WP, et al.  
Bibl Haemat 34:139-48, 1970
- Von Willebrand factor and platelet adhesiveness.  
Meyer D, et al. J Clin Path 23:228-31, Apr 70
- Local anesthesia for patients with hemophilia. Nazif M.  
J Dent Child 37:79-84, Jan-Feb 70
- Surgery in the hemophiliac. Bove LG.  
J Maine Med Ass 60:202-4, Sep 69
- Antihemophilic factor 8 in hemophilia. Use of concentrates to permit major surgery. Mazza JJ, et al.  
JAMA 211:1818-23, 16 Mar 70
- Hemophilia and aspirin. Quick AJ.  
JAMA 213:1689, 7 Sep 70
- Use of aspirin or acetaminophen in hemophilia. Mielke CH Jr, et al. New Eng J Med 282:1270, 28 May 70
- Haemophilia—a teacher's view. Thomas C.  
Nurs Times 66:880-1, 9 Jul 70
- [Special care for hemophiliacs] Cepelák V.  
Vnitřní Lek 16:57-60, Jan 70 (Cze)
- [The most frequent sites of hemophilic hemorrhages and their frequency] Chrobák L, et al.  
Vnitřní Lek 16:5-10, Jan 70 (Cze)
- [Change of the clinical features of hematologic diseases during the last decades] Libánský J.  
Vnitřní Lek 15:937-45, Oct 69 (Cze)
- [Frequency of the hemophilia gene in the population, frequency of mutations] Polák J.  
Vnitřní Lek 16:1-4, Jan 70 (Cze)
- [Suitable occupations for hemophiliacs] Procházka J, et al. Vnitřní Lek 16:53-6, Jan 70 (Cze)
- [Tooth extraction in hemophilia] Creveld S van, et al.  
Nederl T Tandheelk 76:711-32, Oct 69 (Dut)
- [Extraction in patients with hemophilia A] Herk W van.  
Nederl T Tandheelk 76:745-50, Oct 69 (Dut)
- [Psychological aspects of hemophilia] Alby N.  
Bibl Haemat 34:83-8, 1970 (Fre)
- [Surgery in the hemophiliac] Sultan Y.  
Bibl Haemat 34:182-6, 1970 (Fre)
- [Hemophilia] Paccalin J.  
Rev Odontostomat Midi France 27:90-101, 1969 (Fre)
- [Clinical and sociological problems of hemophilia in Schleswig-Holstein] Nosseir E.  
Med Welt 49:2674-8, 6 Dec 69 (Ger)
- [Clinical observations on hemophilia] Yoshioka K, et al.  
Iryo 24:95-103, Feb 70 (Jap)
- [Oral surgery in hemophilic patients] Johansen J.  
Norske Tannlaegeforen Tid 79:535-45, Oct 69 (Nor)
- [Characteristics of the blood coagulation system in female carriers of hemophilia] Sallev KK.  
Probl Gemat 14:31-2, Oct 69 (Rus)
- [Importance of hemophilia in dentistry] Köyliüoglu AO.  
Dental (Istanbul) 2:101-4, Mar-Apr 70 (Tur)

## BLOOD

- Experience with Bergna's assay of factor VIII activity.  
Velkova-Simova N, et al.  
Acta Med Jugosl 22:68-76, 1968
- Selected procoagulants in the guinea pig. Hurt JP, et al.  
Amer J Physiol 218:832-7, Mar 70
- Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies.  
Girolami A, et al. Haemat Lat 12:143-54, Apr-Jun 69
- Effects of the spleen on canine factor VIII levels.  
McKee PA, et al. J Lab Clin Med 75:391-402, Mar 70
- Antihemophilic factor 8 in hemophilia. Use of concentrates to permit major surgery. Mazza JJ, et al.  
JAMA 211:1818-23, 16 Mar 70
- Serum-immunoglobulins in haemophilia. Ali MA, et al.  
Lancet 1:947-8, 2 May 70
- Seasonal variations of plasma-cortisol in haemophilia-A. Giordano ND, et al.  
Lancet 1:249, 31 Jan 70
- Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.  
New Eng J Med 281:1039-42, 6 Nov 69
- [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. Vnitřní Lek 16:61-8, Jan 70 (79 ref.) (Cze)
- [Platelet aggregation in the newborn infant] Hrodek O.  
Nouv Rev Franc Hemat 9:569-73, Jul-Aug 69 (Fre)
- [Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al.  
Nouv Rev Franc Hemat 9:611-26, Sep-Oct 69 (Fre)

- [Pathogenesis and treatment of Willebrand's disease] Melli EO, et al.  
Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)
- [Case report of hemophilia A diagnosed in the neonatal stage] Ikari H.  
Acta Paediat Jap 74:423-8, 1 Apr 70 (Jap)
- [Hemophilia and other hemophilia-like diseases] Matsuoka S.  
Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)
- [Rotating intermittent coagulometer] Fukutake K, et al. Jap J Clin Path 18:443-6, Jun 70 (Jap)
- [A case of hemophilia A with transient disorders of the prothrombin complex] Czesłowska E, et al.  
Pol Arch Med Wewnet 44:261-4, Mar 70 (Pol)
- [Value of certain studies of the hemostatic system in the diagnosis of hemophilia] Wichert K.  
Roczn Pom Akad Med Swierczewski 15:329-43, 1969 (Pol)
- [Activity of the fibrin stabilizing factor in several diseases in children] Alekseenko IF.  
Vop Okhr Materin Dets 15:90, Feb 70 (Rus)
- [Increased AHG levels after injection of adrenaline] Ulutin ON, et al.  
Turk Tip Cem Mec 35:674-8, 1969 (Tur)

## COMPLICATIONS

- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.  
Ann Surg 172:98-108, Jul 70
- Treatment of a large pseudotumour of the iliac bone in a patient with a severe form of haemophilia A. Heydenrijk PA, et al. Arch Chir Neerl 21:187-98, 1969
- Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Fuller AM, et al.  
Arch Otolaryng (Chicago) 91:296-8, Mar 70
- Electroencephalographic patterns in hemophilia.  
Denton RL, et al. Bibl Haemat 34:135-8, 1970
- Steroids and hemophilia. Gourdeau R, et al.  
Bibl Haemat 34:65-8, 1970
- Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE.  
Bibl Haemat 34:97-103, 1970
- Treatment of contractures in haemophilia. Kingma MJ.  
Bibl Haemat 34:162-3, 1970
- Hypnosis and stress in hemophilia. Lucas ON.  
Bibl Haemat 34:73-82, 1970
- Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al.  
Bibl Haemat 34:111-24, 1970
- Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. Blood 35:189-94, Feb 70
- Serum hepatitis in a haemophiliac. Fitzpatrick J, et al.  
Brit Med J 4:299, 1 Nov 69
- Nonmechanical causes of surgical bleeding. Silver D, et al. Curr Probl Surg 1:51, Jan 70 (114 ref.)
- Therapy for AHF and PTC hemophilia. II. Seeler RA.  
Illinois Med J 137:598-602 passim, Jun 70
- Haemophilic cysts. Report of five cases. Steel WM, et al. J Bone Joint Surg [Brit] 51:614-26, Nov 69
- Post-tonsillectomy haemorrhage in a carrier of haemophilia A. Arruth JA. J Laryng 83:1035-7, Oct 69
- Preventive and restorative dental care for the hemophiliac. Snyder DT, et al.  
J Mich Dent Ass 52:6-8, Jan 70
- Intracranial ventricular haemorrhage as a first presentation of haemophilia. A case of successful surgical management. Adeloey A, et al.  
J Neurol Neurosurg Psychiat 32:470-3, Oct 69
- Iliac fossa mass syndrome in hemophilia. Britten AF.  
JAMA 212:159, 6 Apr 70
- Should haemophilic haemarthroses be aspirated? Wanken JJ, et al. Lancet 2:1253, 6 Dec 69
- Management of haemophilic haemarthrosis. Lancet 1:1376-7, 27 Jun 70
- Double-blind studies on the use of steroids in the treatment of acute hemarthrosis in patients with hemophilia. Kisker CT, et al.  
New Eng J Med 282:639-42, 19 Mar 70
- Aspirin and bleeders. Velkamp JJ, et al.  
New Eng J Med 283:434-5, 20 Aug 70
- Successful surgical removal of chromophobic adenoma of the hypophysis in a haemophiliac A. Petr R, et al.  
Sborn Ved Prac Lek Fak Karlov Univ 12:7-16, 1969
- The changing prognosis in hemophilic arthropathy. Rothermel JE, et al. Southern Med J 62:1340-2, Nov 69
- Splenectomy in a hemophiliac. Diagnosis of occult rupture, preoperative evaluation, and postoperative



- support. Baron JM, et al.  
Surg Clin N Amer 50:205-11, Feb 70
- Haemomediastinum in a haemophilic after minor trauma. Jivani SK, et al. Thorax 25:372-4, May 70
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Salto H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69
- [A case of the A-type hemophilia, complicated by muscle hematoma and symptomatic neuritis] Pelovski P, et al. Khirurgia (Sofia) 23:102-3, 1970 (Bul)
- [Experience with stomatologic therapy in 27 hemophiliacs] Kominek J, et al. (Cze)  
Cesk Pediat 25:239-41, May 70
- [Is the prevention of hemophilic arthropathies feasible?] Libánský J.  
Vnitřní Lek 16:29-33, Jan 70 (Cze)
- [Joint manifestations in hemophilia] Salavec M.  
Vnitřní Lek 16:21-8, Jan 70 (Cze)
- [Experience from the Hemophilia Clinic. 3. Intramuscular hemorrhages in hemophilia] Creveld S van, et al.  
Nederl T Geneesk 114:719-22, 25 Apr 70 (Dut)
- [Cause and treatment of digestive tract hemorrhages in children. II.] Sloof JP.  
Nederl T Geneesk 112:2042-53, 9 Nov 68 (125 ref.) (Dut)
- [Operative surgery in patients with hemophilia] Fock G, et al. Duodecim 85:890-3, 1969 (Fin)
- [Aspects of non-specific treatment in hemophiliacs] Cosma A, et al. Bibi Haemat 34:177-81, 1970 (Fre)
- [Articular manifestations of hemophilia] Cayla J. Cah Coll Med Hop Paris 8:731-46, Jul-Aug 67 (Fre)
- [Hip disorders associated with hemophilia] Serre H, et al. Marseille Med 106:483-93, 1969 (Fre)
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)
- [Surgery of hemophiliacs] Larrieu MJ.  
Therapeutique 45:798-800, Oct 69 (Fre)
- [Bone marrow and blood diseases with skeletal sequelae] Swoboda W.  
Arch Atlas Norm Path Anat Typ Roentgenbild 78:206-26, 1969 (Ger)
- [Gastrectomy in severe hemophilia A during substitution with porcine AHG (antihemophilic globulin)] Köstering H, et al.  
Chirurg 41:266-70, Jun 70 (Ger)
- [Intraoral surgery in hemophiliacs] Wörner H.  
DDZ 24:351-5, Aug 70 (Ger)
- [Tonsillectomy in hemophilia A] Gerhards U, et al. Z Laryng Rhinol Otol 49:31-5, Jan 70 (Ger)
- [Hemorrhagic diathesis and recurrent retino-vitreous hemorrhages in young subjects. (hemophilia and pseudohemophilia in Eales disease)] Crolle G, et al. Minerva Oftal 10:221-7, Nov-Dec 68 (Ita)
- [The technic of protection of wounds in patients with severe hemophilia subjected to multiple dental extractions] Gagliani N, et al.  
Rass Int Stomat Prat 21:17-20, Jan-Feb 70 (Ita)
- [Surgical removal of myeloplaxoma in a hemophilic] Gagliani N, et al.  
Rass Trim Odont 50:293-8, Oct-Dec 69 (Ita)
- [The hemorrhagic diseases reflected in dental practice] Vichi F, et al.  
Riv Ital Stomat 24:1253-92, Dec 69 (89 ref.) (Ita)
- [Surgical experience in hemophilic pseudotumor of the hand] Futaki M, et al.  
Orthop Surg (Tokyo) 20:1391-3, Nov 69 (Jap)
- [Results of the gradually increased muscular exercise for hemarthrosis in hemophilia] Tamaki T, et al.  
Orthop Surg (Tokyo) 21:574-6, Jul 70 (Jap)
- [Effect of anti-hemophilic globulin in surgery of a hemophilia A patient] Takahashi M, et al.  
Shujutsu 23:1040-3, Aug 69 (Jap)
- [Retrolbulbar hemorrhages with acute exophthalmos as a cause of blindness and reflex changes of heart action] Andrzejewska W, et al.  
Pol Tyg Lek 25:579-80, 20 Apr 70 (Pol)
- [Treatment of fractures in patients with hemophilia] Smilowicz M. Wlad Lek 23:585-9, 1 Apr 70 (8 ref.) (Pol)
- [Considerations on a case of hemophilia associated with hypofibrinogenemia and thrombocytopenia] Petrescu CM, et al.  
Med Intern (Bucur) 20:613-6, May 68 (Rum)
- [Nephrectomy in rupture of the kidney in a patient with hemophilia] Petrov VI.  
Vestn Khir Grekov 103:132-3, Oct 69 (Rus)
- [Tonsillectomy in a patient with hemophilia] Kostiuk NV, et al.  
Vestn Otorinolaring 31:91-2, May-Jun 69 (Rus)
- [A case of severe hemorrhage following tonsillectomy in patients with hemophilia] Shvartsman Ala, et al. Zh Ushn Nos Gori Bolez 29:102-3, Nov-Dec 69 (Rus)
- [A rational substitution therapy of hemorrhage in hemophilia] Malaska Z, et al.  
Vnitřní Lek 16:34-40, Jan 70 (Slo)

## DIAGNOSIS

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)
- Perforation of small and large intestine following exchange transfusion. Hilgartner MW, et al.  
Amer J Dis Child 120:79-81, Jul 70
- Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Fuller AM, et al.  
Arch Otolaryng (Chicago) 91:296-8, Mar 70
- Von Willebrands disease. Distinction from other syndromes associated with a long bleeding time, and from hemophilia. Calif Med 111:113-9, Aug 69
- A simple test for detecting disorders of thromboplastin generation. Benedek E, et al.  
Scand J Haemat 7:49-55, 1970
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
Thromb Diath Haemorrh 23:206-12, 1970
- Hereditary disease in British Antarctic sledge dogs. Bellars AR. Vet Rec 85:600-7, 29 Nov 69
- [Homogeneity of hemophilia A groups] Polák J.  
Cesk Pediat 25:118-20, Mar 70 (Cze)
- [Problems of the so-called screening tests in hemophilia] Procházka J.  
Vnitřní Lek 16:69-72, Jan 70 (Cze)
- [Disorders of hemostasis] Lasch HG.  
Arch Klin Exp Ohr Nas Kehlkopfheilk 194:265-77, 22 Dec 69 (Ger)
- [Treatment of hemophilia] Straub PW.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)
- [Case report of hemophilia A diagnosed in the neonatal stage] Ikari H.  
Acta Paediat Jap 74:423-8, 1 Apr 70 (Jap)
- [Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al.  
Jap J Clin Path 16:Suppl 16:75-84, 1969 (Jap)
- [Value of certain studies of the hemostatic system in the diagnosis of hemophilia] Wichert K.  
Roczni Pom Akad Med Swierczewski 15:329-43, 1969 (Pol)

## DRUG THERAPY

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)
- Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. Blood 35:189-94, Feb 70
- The use of blood fractions in coagulation disorders. Biggs R. Brit J Haemat 17:604, Dec 69
- Continuous intravenous infusion of factor VIII in classic haemophilia. McMillan CW, et al.  
Brit J Haemat 18:659-67, Jun 70
- Serum hepatitis in a haemophilic. Fitzpatrick J, et al.  
Brit Med J 4:299, 1 Nov 69
- Aminocaproic acid for haemophilia. Duncan JC.  
J Canad Dent Ass 35:617, Dec 69
- Use of aminocaproic acid in oral surgery for haemophiliacs. Report of case. Gaum LI.  
J Canad Dent Ass 35:599-602, Nov 69
- Hemophilia, (Factor VIII deficiency) hematuria and urological intervention. Albert DJ, et al.  
J Urol 103:421-4, Apr 70
- Steroid therapy for haemophilia. Bennett AE, et al.  
Lancet 1:476, 28 Feb 70
- Severe reactions after cryoprecipitated human factor VIII. Ahrons S, et al. Vox Sang 18:182-4, Feb 70
- [Current therapy of hemophilia] Myllylä G.  
Duodecim 85:850-3, 1969 (Fin)
- [Cryoprecipitates rich in factor VIII. In vitro and in vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)
- [The cryoprecipitate, plasmatc fraction rich in antihemophilic globulin (factor VIII). Its use in the treatment of hemophilia] Otto-Servais M, et al.  
Rev Med Liege 24:401-7, 15 May 69 (Fre)
- [Disorders of hemostasis] Lasch HG.



# SUBJECT SECTION

# HEMOPHILIA

- Arch Klin Exp Ohr Nas Kehlkopfheilk 194:265-77, 22 Dec 69 (Ger)  
 [Treatment of hemophilia] Straub PW.  
 Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)  
 [Specific hemotherapy] Stich W.  
 Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)  
 [Surgical removal of myeloplaxoma in a hemophiliac] Gagliani N, et al.  
 Rass Trim Odont 50:293-8, Oct-Dec 69 (Ita)  
 [A case of urinary tract hemorrhage in a child with hemophilia A treated with cryoprecipitate AHG] Foltyn H, et al. Pediat Pol 44:1155-7, Sep 69 (Pol)  
 [Effect of Lagochilus preparations on blood coagulation in patients with hemophilia] Budyka LP. Ter Arkh 42:86-9, Jan 70 (Rus)

## ENZYMOLGY

- [Cytochemical studies and chromosomes in non-hemopathic diseases] Grozdea J, et al. Nouv Rev Franc Hemat 9:722-7, Sep-Oct 69 (Fre)

## ETIOLOGY

- The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1309-20, Nov 69  
 The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1321-30, Nov 69  
 Acquired hemophilia. Shulman NR, et al. Trans Ass Amer Physicians 82:388-97, 1969  
 [Etiology of hemophilia. New aspects of factor VIII deficiency] Marcsek M, et al. Munchen Med Wschr 112:1377-80, 24 Jul 70 (Ger)

## FAMILIAL & GENETIC

- Electron microscopy of bleeder swine platelets. Kahn RA, et al. Amer J Vet Res 31:679-84, Apr 70  
 X-linked ichthyosis: linkage relationship with the Xg blood groups and other studies in a large Dutch kindred. Went LN, et al. Ann Hum Genet 32:333-45, May 69  
 Post-tonsillectomy haemorrhage in a carrier of haemophilia A. Arruth JA. J Laryng 83:1035-7, Oct 69  
 Adaptation in hemophilic adolescents. Spencer RF, et al. Psychosomatics 10:304-9, Sep-Oct 69  
 Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69  
 [A case of the A-type hemophilia, complicated by muscle hematoma and symptomatic neuritis] Pelovski P, et al. Khirurgia (Sofia) 23:102-3, 1970 (Bul)  
 [Homogeneity of hemophilia A groups] Polák J. Cesk Pediat 25:118-20, Mar 70 (Cze)  
 [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. Vnitřní Lek 16:81-8, Jan 70 (79 ref.) (Cze)  
 [Psychological aspects of hemophilia] Alby N. Bibl Haemat 34:83-8, 1970 (Fre)  
 [Study of peculiarities of hemostasis in women hemophilia carriers] Papaian LP, et al. Probl Gemat 13:24-9, Jan 68 (Rus)

## HISTORY

- [Genetics in Lyons 100 years ago] Robert JM. Lyon Med Suppl:137-9, Dec 69 (Fre)

## IMMUNOLOGY

- Inhibitors in haemophilia. Biggs R. Bibl Haemat 34:125-34, 1970  
 Problems related to anticoagulants in hemophiliacs. Strauss HS. Bibl Haemat 34:149-53, 1970  
 Immunologic studies of antihemophilic factor (AHF, factor VIII) II. Properties of cross-reacting material. Hoyer LW, et al. Blood 35:809-20, Jun 70  
 Immunological studies in haemophilia. Bennett E. Clin Sci 38:11P, Feb 70  
 Serum-immunoglobulins in haemophilia. Ali MA, et al. Lancet 1:947-8, 2 May 70  
 Au antigen in at-risk patients. Kunst VA, et al. Lancet 1:423-4, 21 Feb 70  
 Acquired inhibitors to factor IX. Roberts HR. New Eng J Med 283:543-4, 3 Sep 70  
 The stimulation of immune antibodies anti-A and anti-B in patients after treatment with cryoprecipitate and factor IX concentrate (P.P.S.B. according to Soulier). McShine RL, et al. Vox Sang 18:435-40, May 70

- [Search for the Australia antigen and the corresponding antibody] Soulier JP, et al. Presse Med 78:487-90, 28 Feb 70 (Fre)  
 [Immunological study of viral hepatitis. Study of the Australia antigen and the corresponding antibody. Preliminary results] Soulier J, et al. Rev Franc Transfus 12:361-82, Sep 69 (Fre)  
 [Antigens and antibodies of viral hepatitis. The Australia antigen] Soulier JP. Rev Franc Transfus 12:303-17, Sep 69 (30 ref.) (Fre)  
 [6th symposium: Complement] Jap J Allerg 19:137-59, Feb 70 (Jap)  
 [Appearance of anti-c (anti-hr') antibodies in combination with anti-leukocyte antibodies in patient with hemophilia] Burlachenko IS, et al. Probl Gemat 13:49-51, Jan 68 (Rus)

## METABOLISM

- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. Mayo Clin Proc 44:784-92, Nov 69

## MORTALITY

- Problems related to anticoagulants in hemophiliacs. Strauss HS. Bibl Haemat 34:149-53, 1970  
 [Current management in major surgical interventions in patients with hemophilia A] Wedell J, et al. Deutsch Med Wschr 94:2539-44, 5 Dec 69 (Ger)

## OCCURRENCE

- Prevalence of hemophilia in Ontario, 1966. Hewitt D, et al. Canad Med Ass J 102:174-7, 31 Jan 70

## PHYSIOPATHOLOGY

- Electroencephalographic patterns in hemophilia. Denton RL, et al. Bibl Haemat 34:135-8, 1970  
 Orthopaedic and other surgical aspects of hemophilia. Introduction of topic. Jordan HH. Bibl Haemat 34:159-61, 1970

## PREVENTION & CONTROL

- Prophylaxis in hemophilia. Britten AF. Bibl Haemat 34:104-10, 1970  
 Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE. Bibl Haemat 34:97-103, 1970  
 Our experience in Sweden with prophylaxis on haemophilia. Nilsson IM, et al. Bibl Haemat 34:111-24, 1970  
 Hemophilia and aspirin. Quick AJ. JAMA 213:1689, 7 Sep 70  
 Hemophilia prophylaxis. JAMA 212:2256-7, 29 Jun 70

## REHABILITATION

- Orthopaedic and other surgical aspects of hemophilia. Introduction of topic. Jordan HH. Bibl Haemat 34:159-61, 1970  
 Hemophilia. Some vocational aspects. Katz AH. Bibl Haemat 34:203-8, 1970  
 Problems in the vocational development of the hemophilic individual. Rusaleim H. Bibl Haemat 34:209-13, 1970  
 Hemophiliacs at summer camp. Britten AF, et al. JAMA 213:873, 3 Aug 70  
 Treatment of hemarthrosis in hemophilia. Britten AF. New Eng J Med 283:375, 13 Aug 70

## SURGERY

- "Hemophilia A" presenting unusual vesical bleeding; report of a case. Kawamura J, et al. Acta Urol Jap 15:827-46, Dec 69  
 The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)  
 Effects of the spleen on canine factor VIII levels. McKee PA, et al. J Lab Clin Med 75:391-402, Mar 70  
 Production of antihemophilic factor by the perfused spleen. Kelly GL, et al. Surg Forum 20:82-4, 1969  
 [Current management in major surgical interventions in patients with hemophilia A] Wedell J, et al. Deutsch Med Wschr 94:2539-44, 5 Dec 69 (Ger)  
 [Increased AHG levels after injection of adrenaline] Ulutin ON, et al. Turk Tip Cem Mec 35:674-8, 1969 (Tur)



## THERAPY

- Transfusion in hemophilia. Creveld S van.  
Bibl Haemat 34:1-8, 1970
- Purification and clinical evaluation of a factor 8 concentrate. Johnson AJ, et al.  
Bibl Haemat 34:30-9, 1970
- The P.P.S.B. fraction. Josso F, et al.  
Bibl Haemat 34:18-22, 1970
- Treatment of contractures in haemophilia. Kingma MJ.  
Bibl Haemat 34:162-3, 1970
- Experimental transplantation of the spleen for classical hemophilia A. Rationales and long-term results. Norman JC, et al. Bibl Haemat 34:187-99, 1970
- Cryoprecipitated factor 8 concentrate. Pool JG.  
Bibl Haemat 34:23-9, 1970
- Rapid correction of AHF deficiency by antihemophilic factor-method four, with special reference to inhibitors. Shanbrom E. Bibl Haemat 34:52-9, 1970
- In vitro and in vivo recovery of cryoprecipitated factor 8. Verstraete M, et al. Bibl Haemat 34:9-17, 1970
- Rasputin provides clue for modern treatment. (Lucas Rasputin ON), Heyden MJ. Dent Angles 10:11, Sep 69
- Therapy for AHF and PTC hemophilia. I. Seeler RA. Illinois Med J 137:518-21, May 70
- Therapy for AHF and PTC hemophilia. II. Seeler RA. Illinois Med J 137:598-602 passim, Jun 70
- Surgery in the hemophilic. Bove LG.  
J Maine Med Ass 60:202-4, Sep 69
- Hemophilia prophylaxis. JAMA 212:2256-7, 29 Jun 70
- Serum-immunoglobulins in haemophilia. Ali MA, et al. Lancet 1:947-8, 2 May 70
- Two cases of transfusion malaria. Dike AE.  
Lancet 1:72-3, 11 Jul 70
- Hemofil and other factor VIII concentrates.  
Med Lett Drugs Ther 11:96, 14 Nov 69
- Splenic transplant for hemophilia. Hampton JW, et al. New Eng J Med 283:48, 2 Jul 70
- Splenic homotransplantation for hemophilia. Norman JC. New Eng J Med 283:435, 20 Aug 70
- Ice in treatment of hemophilic bleeding. Quick AJ. New Eng J Med 283:597, 10 Sep 70
- Haemophilia today. Coles M.  
Nurs Times 65:1415-6, 6 Nov 69
- Hemophilia A. Lyons BM, et al.  
Oral Surg 28:641-5, Nov 69
- The management of haemophilia. Rizza CR. Practitioner 204:763-72, Jun 70
- Haemophilia. Biggs R.  
Proc Roy Soc Med 62:913-4, Sep 69
- Ambulatory paediatrics in a teaching hospital. Leary PM. S Afr Med J 44:499-502, 25 Apr 70
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al. Surg Clin N Amer 49:1161-70, Oct 69
- Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Salto H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69
- Hemolytic anemia due to anti-A in concentrated antihemophilic factor preparations. Rosati LA, et al. Transfusion 10:139-41, May-Jun 70
- [Care of hemophiliacs in Czechoslovakia. (A medico-sociological study)] Libánský J. Vnitřní Lek 16:11-20, Jan 70 (Cze)
- [The weak inhibitors of factor VIII in patients with hemophilia A] Mayer G, et al. Blut 19:517-28, 1969 (Fre)
- [Hemolytic anemias due to plasma therapy in hemophiliacs] Delmas-Marsalet Y, et al. Rev Franc Transfus 12:351-60, Sep 69 (Fre)
- [Treatment of hemophilia] Straub PW. Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)
- [Tooth extraction during substitution treatment in hemophilia A and B-Report of experiences with the use of cryoprecipitate and Cohn plasma fractions I and of contact activating fresh plasma] Hausamen JE, et al. Deutsch Zahnärztl Z 25:319-25, Feb 70 (Ger)
- [Experiences in the use of Cohn's fraction I] Beeser H, et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)
- [The dosage of antihemophilic globulin, or antihemophilic plasma as well as Cohn's fraction I in factor VIII deficiency] Hrubíšková K. Folia Haemat (Leipzig) 93:363-8, 1970 (Ger)
- [Long-term treatment of hemophilia A with plasma fractions] Mey U, et al. Folia Haemat (Leipzig) 93:357-62, 1970 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E. Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)

- [In-vivo control of blood coagulation fractions] Richter K, et al. Folia Haemat (Leipzig) 93:344-8, 1970 (Ger)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Hemophilia therapy with plasma fractions. Milan, April 23, 1968] Policlinico [Prat] 75:1017-9, 29 Jul 68 (Ita)
- [Hemophilia and other hemophilia-like diseases] Matsuo S. Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)
- [Treatment of hemophilia] Stavem P, et al. T Norsk Laegeforen 90:1413-8, 1 Jul 70 (Nor)
- [Improvement of indices of the blood coagulation system in patients with hemophilia during physical exercise] Damsker IS, et al. Probl Gemat 14:24-6, Mar 69 (Rus)
- [Occurrence of serum hepatitis following the administration of Cohn's fraction I or fibrinogen and antihemophilic globulin (AHG) respectively] Fábryová L, et al. Vnitřní Lek 16:123-6, Feb 70 (Slo)

## VETERINARY

- Electron microscopy of bleeder swine platelets. Kahn RA, et al. Amer J Vet Res 31:679-84, Apr 70
- Hereditary disease in British Antarctic sledge dogs. Bellars AR. Vet Rec 85:600-7, 29 Nov 69

## HEMORRHAGIC DIATHESIS

- The effect of dextran (Macrodex) and gelatin (Physlogel) on hemorrhagic diathesis during postirradiation thrombocytopenia in dogs. Kummer H, et al. Bibl Haemat 33:472-80, 1969
- Bleeding time after aspirin in intrinsic clotting disorders. Procházka J. New Eng J Med 282:753, 26 Mar 70
- Gingival hemorrhage secondary to uremia. Review and report of a case. Merrill A, et al. Oral Surg 29:530-5, Apr 70
- [Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Morlau M. Path Europ 4:Suppl 1:9-286, 1969 (Fre)
- [The great hemorrhagic diatheses] Paccalin J. Rev Odontostomat Midi France 27:58-74, 1969 (Fre)
- [Problems of dental surgery in patients with hemorrhagic diathesis, or patients subjected to anticoagulant therapy] Catapano B, et al. Riv Ital Stomat 24:1182-96, Nov 69 (Ita)
- [Autocoagulogram with erythrocytin and some aspects of use of this method in clinical practice] Shevchenko VI, et al. Probl Gemat 14:27-31, Mar 69 (Rus)
- [Coexistence of PhI negative chronic myeloidosis and verrucous carcinoma of the mandibular gingiva in pregnancy] Premužić-Lampić M, et al. Liječn Vjesn 91:971-5, 1969 (Cro)

## BLOOD

- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. Amer J Med 48:408-11, Mar 70
- Variant of factor IX deficiency in female with 45, X Turner's syndrome. Bithell TC, et al. Blood 36:169-79, Aug 70
- Platelet-collagen reaction and bleeding syndrome. Caen JP. Lancet 1:568, 14 Mar 70
- Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al. New Eng J Med 281:1039-42, 6 Nov 69
- [Effect of intralipid on platelet adhesiveness] Szabó R, et al. Folia Haemat (Leipzig) 93:435-42, 1970 (Ger)
- [The role of blood platelets in hemorrhagic diathesis in the course of scurvy in guinea pigs] Popławska A, et al. Acta Physiol Pol 21:363-9, May-Jun 70 (Pol)
- [Thromboelastographic changes in hemorrhagic diathesis] Chistiakova VG. Klin Med (Moskva) 47:61-4, Jul 69 (Rus)
- [Morphological picture of the peripheral blood of children born of mothers with Werlhof's disease] Sautina VO. Probl Gemat 14:26-9, Feb 69 (Rus)

## CHEMICALLY INDUCED

- Drugs and the liver: a review of metabolism and adverse reactions. Schaffner F, et al. Advances Intern Med 15:221-51, 1969 (99 ref.)
- Surreptitious self-administration of heparin. Martin CM, et al. JAMA 212:475-6, 20 Apr 70
- Protection by catatonic steroids against phenindione



# SUBJECT SECTION

## HEMORRHAGIC

### CONGENITAL

- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- Congenital deficiency of factor XIII. Ozsoylu S, et al. *Turk J Pediat* 11:45-50, Apr 69

### DIAGNOSIS

- Occult haemorrhagic diathesis in children with congenital heart disease. Hooja V, et al. *Indian Pediat* 6:691-6, Nov 69
- Evaluation of the hemostatic mechanism. Bowie EJ, et al. *Med Clin N Amer* 54:889-902, Jul 70
- The vascular component in hemostasis. Quick AJ. *New Eng J Med* 283:186-9, 23 Jul 70
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al. *Surg Clin N Amer* 49:1161-70, Oct 69
- [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. *Urol Int* 24:385-417, 1969 (122 ref.) (Ger)
- [Diagnosis of hemorrhagic diathesis I] Pálos AL, et al. *Orv Hetil* 111:5-11, 4 Jan 70 (Hun)
- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)
- [Diagnostic significance of the blood coagulation factor 3 in hemorrhagic diathesis] Chistlakova VG. *Sovet Med* 32:135-7, Nov 69 (Rus)

### DRUG THERAPY

- [Capillary microscopic studies of the effect of a glycopeptide complex on the damaged vascular wall] Brückle G. *Med Welt* 41:2252-5, 11 Oct 69 (Ger)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Therapy and prevention of disseminated intravascular coagulation] Popov S, et al. *Med Welt* 45:2458-71, 8 Nov 69 (Ger)
- [Diagnosis and therapy of vascular, thrombocytic and plasmatic kidney hemorrhage] Brüster H. *Mschr Kinderheilk* 117:360-3, Apr 69 (Ger)
- [On vasculoprotective therapy in various hemorrhagic syndromes] Carlie L. *Clin Ter* 45:445-60, 15 Jun 68 (Ita)
- [Hemorrhagic diathesis (excluding thrombopenia, leukemia and aplastic anemia)] Yamanaka M. *Naika* 25:1220-2, Jun 70 (Jap)
- [Fibrinolytic and "consumption" coagulopathy. Therapeutic and clinical remarks] Dyk T. *Pol Tyg Lek* 24:1318-22, 25 Sep 69 (Pol)
- [The effect of hydrocortisone and epsilon-aminocaproic acid on the course of hemorrhagic syndrome in vitamin C deficiency] Oivin VI, et al. *Pat Fiziol Eksp Ter* 13:51-4, Mar-Apr 69 (Rus)

### ETIOLOGY

- The bleeding disorder in hepatomegalic forms of glycogen storage disease. Nilsson IM, et al. *Acta Paediat Scand* 59:127-33, Mar 70
- Lassa fever, a new virus disease of man from West Africa. I. Clinical description and pathological findings. Frame JD, et al. *Amer J Trop Med* 19:670-6, Jul 70
- Congenital factor XIII deficiency. Report of 2 cases. Fradera J, et al. *Bol Asoc Med P Rico* 61:294-9, Aug 69
- Progress in disseminated intravascular coagulation. II. McKay DG. *Calif Med* 111:279-90, Oct 69
- Unusual manifestations of chronic granulocytic leukemia in a child. Pochedly C. *Cancer* 24:1017-20, Nov 69
- Hemorrhage and heat stroke. Kessinger A, et al. *Geriatrics* 25:115-8, Jul 70 (18 ref.)
- Cancer and thrombohemorrhagic disease. Roscher AA. *Int Surg* 52:326-8, Oct 69
- Carbenicillin in renal failure. Gordon DH. *Lancet* 2:422, 22 Aug 70
- Hemorrhagic disorders in gynecology. Wendt WP. *Nebraska Med J* 55:5-9, Jan 70
- Bleeding after cardiac catheterization. Komp DM, et al. *New Eng J Med* 281:1246, 27 Nov 69

- overdosage. Selye H. *Thromb Diath Haemorrh* 23:77-81, 28 Feb 70
- [Hematological complications in antiepileptic therapy. (Review of the literature and own experience)] Svatý J. *Cesk Pediat* 25:193-7, Apr 70 (Cze)
- [Acquired thrombopathy due to the use of acetosal] Cate JW ten, et al. *Nederl T Geneesk* 113:2273-7, 20 Dec 69 (Dut)
- [L-asparaginase in the treatment of solid tumors and leukemia] Helm RR, et al. *Deutsch Med Wschr* 95:989-93, 1 May 70 (Ger)
- [Current status of the problem of blood system change in chronic benzol poisoning (literature review)] Magagina GE. *Probl Gemat* 12:45-9, Feb 67 (Rus)

### CLASSIFICATION

- [The great hemorrhagic diatheses] Paccalin J. *Rev Odontostomat Midi France* 27:58-74, 1969 (Fre)

### COMPLICATIONS

- Intravascular coagulation in generalized herpes simplex infection of the newborn. Shershow LW, et al. *Acta Paediat Scand* 58:535-9, Sep 69
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al. *Ann Surg* 172:98-108, Jul 70
- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- Pericardial abnormalities in Gaucher's disease. Harvey PK, et al. *Brit Heart J* 31:603-6, Sep 69
- Haematoma of the rectus abdominis muscle. Its aetiology and a review of 10 cases. Stirrat GM, et al. *Brit J Surg* 57:175-8, Mar 70
- Aspirin, platelets, and bleeding. Bowie EJ, et al. *Circulation* 40:757-60, Dec 69
- Abnormalities of fibrin stabilization in liver and kidney disease: a comparison of two different methods. Walls WD, et al. *Clin Sci* 37:837-46, Dec 69
- Gastrointestinal complications of the Ehlers-Danlos syndrome. Beighton PH, et al. *Gut* 10:1004-8, Dec 69
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al. *Obstet Gynec* 35:69-74, Jan 70
- Observations related to pathogenesis of dengue hemorrhagic fever. IV. Relation of disease severity to antibody response and virus recovered. Halstead SB, et al. *Yale J Biol Med* 42:311-28, Apr 70
- [Pneumonia in 1-year-old infants according to the data from the IV pediatric clinical hospital in Erevan] Ibolan SR. *Zh Eksp Klin Med* 9:91-5, 1969 (Arm)
- [The role of the weak factor VIII inhibitors] Mayer G, et al. *Acta Haemat (Basel)* 42:27-41, 1969 (Fre)
- [Metabolic determined skeletal diseases] Swoboda W. *Arch Atlas Norm Path Anat Typ Roentgenbild* 78:141-64, 1969 (Ger)
- [Electrocardiographic examination in patients with skin diseases] Denk R. *Arch Kreislaufforsch* 60:33-114, Oct 69 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K. *Bibl Haemat* 32:281-7, 1969 (Ger)
- [Gastrointestinal hemorrhage from the pathological point of view] Eder M, et al. *Chirurg* 40:97-100, Mar 69 (Ger)
- [Carcinoid of the small intestine and hemorrhagic diathesis] May B. *Deutsch Med Wschr* 95:1083-4, 8 May 70 (Ger)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. *Urol Int* 24:385-417, 1969 (122 ref.) (Ger)
- [Treatment of extensive gastric hemorrhage] Theisinger W. *Zbl Chir* 94:670-5, 17 May 69 (Ger)
- [The hemorrhagic diseases reflected in dental practice] Vichi F, et al. *Riv Ital Stomat* 24:1253-92, Dec 69 (89 ref.) (Ita)
- [The role of blood platelets in hemorrhagic diathesis in the course of scurvy in guinea pigs] Poplowska A, et al. *Acta Physiol Pol* 21:363-9, May-Jun 70 (Pol)
- [Disturbances in hemostasis in secondary thrombocytopenia in the light of studies on platelet aggregation] Lawkowicz W, et al. *Pol Arch Med Wewnet* 43:1555-62, Dec 69 (Pol)
- [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al. *Prensa Med Argent* 57:21-9, 6 Mar 70 (Spa)



- Vitamin K deficiency after the newborn period. Goldman HI, et al. *Pediatrics* 44:745-9, Nov 69
- Cystic fibrosis presenting with severe hemorrhage due to vitamin K malabsorption: a report of three cases. Torstenson OL, et al. *Pediatrics* 45:857-61, May 70
- Intravascular coagulation and hemangiomata. Hagedorn AB, et al.
- Thromb Diath Haemorrh 36:Suppl 36:233-8, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG.
- Thromb Diath Haemorrh 36:Suppl 36:281+, 1969
- Observations related to pathogenesis of dengue hemorrhagic fever. VI. Hypotheses and discussion. Halstead SB. *Yale J Biol Med* 42:350-62, Apr 70
- [Bone marrow inhibition in latent syphilis] Jedličková J, et al. *Vnitřní Lek* 16:798-801, Aug 70 (Cze)
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)
- [Disorders of hemostasis] Lasch HG. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)
- [Purpura hyperfibrinolytica as pathogenic principle of hemorrhagic microblid Miescher] Haustein UF. *Derm Mschr* 155:771-5, 1969 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [Therapy and prevention of disseminated intravascular coagulation] Popov S, et al. *Med Welt* 45:2458-71, 8 Nov 69 (Ger)
- [Diagnosis and therapy of vascular, thrombocytic and plasmatic kidney hemorrhage] Brüster H. *Mschr Kinderheilk* 117:360-3, Apr 69 (Ger)
- [Modification of certain parameters of blood coagulation by peritoneal dialysis] Ströder J, et al. *Mschr Kinderheilk* 117:357-60, Apr 69 (Ger)
- [The possibility of participation of the Sanarelli-Shwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al. *Radiobiol Radiother (Berlin)* 10:663-71, 1969 (Ger)
- [Disseminated intravascular coagulation and perinatal shock] Bleyl U, et al. *Verh Deutsch Ges Path* 53:495-501, 1969 (Ger)
- [Diagnosis of plasmacytoma] Zimmermann S, et al. *Z Ges Inn Med* 24:385-90, 1 Jul 69 (Ger)
- [Acute defibrination syndrome caused by prostatic adenocarcinoma] Kovács E, et al. *Orv Hetil* 110:2346-7, 5 Oct 69 (Hun)
- [Diagnosis of hemorrhagic diathesis I] Pálos AL, et al. *Orv Hetil* 111:5-11, 4 Jan 70 (Hun)
- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)
- [Observations on a case of favism with hemorrhagic diathesis] Crolle G, et al. *Minerva Med* 60:4923-6, 8 Dec 69 (Ita)
- [Hemorrhagic diathesis and recurrent retino-vitreous hemorrhages in young subjects. (hemophilia and pseudohemophilia in Eales disease)] Crolle G, et al. *Minerva Oftal* 10:221-7, Nov-Dec 68 (Ita)
- [Blood clotting disorders in experimental endotoxic shock] Bielski J, et al. *Poi Tyg Lek* 24:1384-6, 9 Sep 69 (Pol)
- [Prognostic value of certain clinical and hematological manifestations in acute leukemia in adults] Krykowski E, et al. *Poi Tyg Lek* 25:175-7, 2 Feb 70 (Pol)
- [Fibrinolysis in surgical intervention] Klochov ND. *Arkhl Pat* 31:26-30, 1969 (Rus)
- [Pathomorphology of experimental hemorrhagic fever in monkeys] Krylova RI, et al. *Arkhl Pat* 31:65-9, 1969 (Rus)
- [Endotoxins in the pathogenesis of hemorrhagic syndrome in acute radiation sickness] Volodin VM, et al. *Med Radiol (Moskva)* 14:29-35, Aug 69 (Rus)
- [Some problems of the pathogenesis of increased hemorrhagic diathesis in patients with so-called acute promyelocytic leukemia] Al'pidovskii VK, et al. *Probl Gemat* 13:3-10, Jun 68 (Rus)
- [Combination of tuberculosis with hypo- and aplastic anemias] Llubimova LS, et al. *Probl Gemat* 13:57-60, Oct 68 (Rus)
- [Neuropathic hemorrhagic diathesis] Lorie Iul, et al. *Ter Arkhl* 41:28-33, Dec 69 (Rus)
- [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al. *Prensa Med Argent* 57:21-9, 6 Mar 70 (Spa)

## FAMILIAL &amp; GENETIC

- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- [Familial capillaropathy (M. Willebrand) in 12 families] Sadikario A, et al. *God Zborn Med Fak Skopje* 15:49-59, 1969 (Cro)

## IMMUNOLOGY

- Observations related to the pathogenesis of dengue hemorrhagic fever. II. Antigenic and biologic properties of dengue viruses and their association with disease response in the host. Halstead SB, et al. *Yale J Biol Med* 42:276-92, Apr 70
- [Hereditary deficiency in factor XIII activity-synthesis of a non-functional protein] Duckert F. *Schweiz Med Wschr* 100:328, 14 Feb 70 (Ger)

## METABOLISM

- Urinary procoagulant excretion and its relation to kidney function. Matsumura T, et al. *Nephron* 7:165-77, 1970

## MICROBIOLOGY

- Observations related to pathogenesis of dengue hemorrhagic fever. I. Experience with classification of dengue viruses. Halstead SB, et al. *Yale J Biol Med* 42:261-75, Apr 70

## MORTALITY

- Observations related to pathogenesis of dengue hemorrhagic fever. 3. Virologic studies of fatal disease. Nisalak A, et al. *Yale J Biol Med* 42:293-310, Apr 70

## OCCURRENCE

- Successful 20-hour storage of the canine liver by continuous hypothermic perfusion. Turner MD, et al. *Cryobiology* 6:293-301, Jan-Feb 70
- Altered platelet function in newborns. Mull MM, et al. *Pediat Res* 4:229-37, May 70
- Observations related to pathogenesis of dengue hemorrhagic fever. V. Examination of agspecific sequential infection rates using a mathematical model. Fischer DB, et al. *Yale J Biol Med* 42:329-49, Apr 70

## PATHOLOGY

- Intravascular coagulation in generalized herpes simplex infection of the newborn. Shershow LW, et al. *Acta Paediat Scand* 58:535-9, Sep 69
- [Capillary microscopic studies of the effect of a glycopeptide complex on the damaged vascular wall] Brückle G. *Med Welt* 41:2252-5, 11 Oct 69 (Ger)

## PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. *Urol Int* 24:385-417, 1969 (122 ref.) (Ger)
- [Review on the retina in 1968. Retinal vascular diseases] Matsui M. *Ophthalmology (Tokyo)* 12:1-24, Jan 70 (206 ref.) (Jap)

## PREVENTION &amp; CONTROL

- Glucocorticoids in haematology. Videbaek A. *Acta Med Scand [Suppl]* 500:Suppl 500:35+, 1969 (49 ref.)
- Vitamin activity of coenzyme Q in chickens and turkeys. Larsen M, et al. *Int Z Vitamforsch* 39:447-56, 1969
- Protection by catatoxic steroids against phenindione overdosage. Selye H. *Thromb Diath Haemorrh* 23:77-81, 28 Feb 70
- [Therapy and prevention of disseminated intravascular coagulation] Popov S, et al. *Med Welt* 45:2458-71, 8 Nov 69 (Ger)



# SUBJECT SECTION

## HEMORRHAGIC

### THERAPY

- Special indications for gelatin plasma substitutes in gynecology. Pfeifer GW. *Bibl Haemat* 33:534-5, 1969
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al. *Surg Clin N Amer* 49:1161-70, Oct 69
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- [Modification of certain parameters of blood coagulation by peritoneal dialysis] Ströder J, et al. *Mtschr Kinderheilk* 117:357-60, Apr 69 (Ger)
- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. *Urol Int* 24:385-417, 1969 (122 ref.) (Ger)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. *Clin Ter* 45:489-93, 15 Jun 68 (54 ref.) (Ita)
- [Hemorrhagic syndrome conditioned by inborn deficiency of coagulation factor XIII and report of the 2d case found in Yugoslavia] Stanulović D, et al. *Med Pregl* 22:243-7, 1969 (Ser)

### HEMORRHAGIC DISEASE OF NEWBORN

- Postmortem findings among low birth weight infants. Washington JL, et al. *J Louisiana Med Soc* 122:276-8, Sep 70
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)
- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)

### BLOOD

- [Phosphorus, lipid and fatty acid constituents of the erythrocyte in children. 2. Phosphorus, lipid and fatty acid constituents of the erythrocyte in children with hematologic diseases and after administration of adrenocortical steroids] Nishihira K. *Acta Paediat Jap* 73:919-24, 1 Jul 69 (Jap)

### CHEMICALLY INDUCED

- Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Bloomfield DK. *Amer J Obstet Gynec* 107:883-8, 15 Jul 70
- Neonatal haemorrhage following maternal anticonvulsant therapy. Evans AR, et al. *Lancet* 1:517-8, 7 Mar 70

### COMPLICATIONS

- [Idiopathic respiratory distress syndrome. Clinical, biological and therapeutic study] Vert P, et al. *Ann Pediat (Paris)* 17:174-84, 2 Mar 70 (Fre)
- [Detection and prognosis of the neonatal mal according to the electroclinical study of 150 cases] Monod N, et al. *Arch Franc Pediat* 26:1085-102, 1969 (Fre)
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)

### DIAGNOSIS

- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)
- [Symptoms seen in newborn infants] Matsumura T, et al. *Sanfujin Jissai* 18:728-42, Aug 69 (Jap)

### DRUG THERAPY

- The liver in congenital heart disease. Effects of infantile coarctation of the aorta and the hypoplastic left heart syndrome in infancy. Weinberg AG, et al. *Amer J Dis Child* 119:390-4, May 70
- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)

### ETIOLOGY

- Hepatic cell necrosis in the newborn. A pathologic study of 147 cases, with particular reference to congenital heart disease. Shiraki K. *Amer J Dis Child* 119:395-400, May 70
- The liver in congenital heart disease. Effects of infantile coarctation of the aorta and the hypoplastic

- left heart syndrome in infancy. Weinberg AG, et al. *Amer J Dis Child* 119:390-4, May 70
- [Hemorrhagic disease of the newborn. New pathogenetic trends] Grasso E, et al. *Minerva Pediat* 20:1139-69, 2 Jun 68 (Ita)
- [Activity of the fibrin stabilizing factor in the neonatal period] Chipall A, et al. *Rev Medicochir Iasi* 74:29-34, Jan-Mar 70 (Rum)

### MORTALITY

- Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Bloomfield DK. *Amer J Obstet Gynec* 107:883-8, 15 Jul 70

### PREVENTION & CONTROL

- Neonatal haemorrhage following maternal anticonvulsant therapy. Evans AR, et al. *Lancet* 1:517-8, 7 Mar 70
- [Changes in the blood and plasma volume in premature infants after administration of plasma and plasma concentrates] Rogner G, et al. *Folia Haemat (Leipzig)* 92:215-26, 1969 (Ger)

### THERAPY

- The P.P.S.B. fraction. Josso F, et al. *Bibl Haemat* 34:18-22, 1970
- Ambulatory paediatrics in a teaching hospital. Leary PM. *S Afr Med J* 44:499-502, 25 Apr 70
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)
- [Changes in the blood and plasma volume in premature infants after administration of plasma and plasma concentrates] Rogner G, et al. *Folia Haemat (Leipzig)* 92:215-26, 1969 (Ger)

## HEMORRHAGIC THROMBOCYTHEMIA

### BLOOD

- [Ferrokinetical study of 3 cases of essential thrombocythemia] Henry J, et al. *Nouv Rev Franc Hemat* 9:895-907, Nov-Dec 69 (Fre)
- [Ultrastructure and functional properties of the blood platelets in hemorrhagic thrombocythemia] Totskala AA, et al. *Probl Gemat* 13:15-21, Jan 68 (Rus)
- [The concentration of adenylic system components and enzyme activity in the thrombocytes of patients with thrombocythemia] Timofeeva LM. *Vop Med Khim* 16:240-4, May-Jun 70 (Rus)

### COMPLICATIONS

- The dangers of surgery in uncontrolled haemorrhagic thrombocythaemia. Ravich RB, et al. *Med J Aust* 1:704-8, 4 Apr 70

### DIAGNOSIS

- The dangers of surgery in uncontrolled haemorrhagic thrombocythaemia. Ravich RB, et al. *Med J Aust* 1:704-8, 4 Apr 70
- [Cytochemical examinations in the differentiation of acute leukemias] Szolc A. *Pediat Pol* 44:1173-6, Sep 69 (22 ref.) (Pol)
- [Acute malignant megakaryocytosis associated with pancytopenia] Woessner S, et al. *Sangre (Barc)* 15:89-97, 1970 (Spa)

### DRUG THERAPY

- Hemorrhagic thrombocythemia; control of postsplenectomy thrombocytosis with melphalan. Bensinger TA, et al. *Blood* 36:61-9, Jul 70
- The dangers of surgery in uncontrolled haemorrhagic thrombocythaemia. Ravich RB, et al. *Med J Aust* 1:704-8, 4 Apr 70

### ENZYMOLGY

- [Isoenzymes of fructosephosphate aldolase in the serum of patients with various malignant hemopathies. Isoenzymes of fructosephosphate aldolase. IX] Dikow AL, et al. *Z Klin Chem* 7:614-6, Nov 69 (Ger)



- [Anaerobic splitting of carbohydrates and enzyme activity in thrombocytes in hemorrhagic thrombocythemia] Cherniak NB, et al. *Probl Gemat* 15:44-9, 1970 (Rus)
- [The concentration of adenylic system components and enzyme activity in the thrombocytes of patients with thrombocythemia] Timofeeva LM. *Vop Med Khim* 16:240-4, May-Jun 70 (Rus)

## ETIOLOGY

- [Etiological aspects of thrombocytopathy] Parreira F, et al. *Munchen Med Wschr* 111:2640-6, 19 Dec 69 (Ger)

## METABOLISM

- [Anaerobic splitting of carbohydrates and enzyme activity in thrombocytes in hemorrhagic thrombocythemia] Cherniak NB, et al. *Probl Gemat* 15:44-9, 1970 (Rus)

## MICROBIOLOGY

- Unusual Sphaerophorus species from the large intestine of man. Pearson TA, et al. *Appl Microbiol* 19:458-62, Mar 70

## PATHOLOGY

- Idiopathic thrombocythaemia. Hou-Jensen K, et al. *Acta Path Microbiol Scand [Suppl]* 212:Suppl 212:193+, 1970
- [Ultrastructure and functional properties of the blood platelets in hemorrhagic thrombocythemia] Totskala AA, et al. *Probl Gemat* 13:15-21, Jan 68 (Rus)

## PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)

## RADIOTHERAPY

- Unusual Sphaerophorus species from the large intestine of man. Pearson TA, et al. *Appl Microbiol* 19:458-62, Mar 70

## THERAPY

- [Emergency therapy in platelet syndromes] Gilly R, et al. *Pediatr* 24:927-36, Dec 69 (Fre)

## HEMOSTASIS

- The turnover of fibrinogen in aortic surgery. An experimental study in dogs. Lim RC Jr, et al. *Acta Chir Scand* 135:363-7, 1969
- Disturbances of hemostasis in acute myeloblastic leukemia. Rosner F, et al. *Acta Haemat (Basel)* 43:65-72, 1970
- Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Giblinski K, et al. *Acta Med Pol* 11:97-101, 1970
- Heparin action on bleeding time and its rate of removal from blood in dogs and rabbits. Magalhães JR. *Acta Physiol Lat Amer* 19:243-8, 1969
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. *Advances Immun* 10:145-227, 1969 (743 ref.)
- A pharmacological analysis of aspirin. Collier HO. *Advances Pharmacol* 7:333-405, 1969 (388 ref.)
- Anti-G suit as a therapeutic device. Pelligrà R, et al. *Aerospace Med* 41:943-5, Aug 70
- Femoral artery occlusion following percutaneous catheterization. Kloster FE, et al. *Amer Heart J* 79:175-80, Feb 70
- Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al. *Amer J Path* 60:19-42, Jul 70
- Splenectomy and coronary vein ligation for the control of bleeding esophageal varices. Smith GW. *Amer J Surg* 119:122-31, Feb 70
- Experimental auxiliary liver allotransplantation with special reference to biliary duct obstruction and hepatic arterial blood restriction of host liver. Uchida H, et al. *Amer J Surg* 119:138-46, Feb 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70
- Completely severed left lobe of liver by trauma: case report. French WE. *Amer Surg* 36:459, Jul 70
- The effects of a fluoroalkyl cyanoacrylate tissue adhesive upon granulation tissue development, fibroplasia and hemostasis. Herrmann JB, et al. *Amer Surg* 36:276-82, May 70
- Intra-arterial occlusion in vascular surgery. McCaughan JJ Jr, et al. *Ann Surg* 171:695-703, May 70
- Two-stage treatment of ventricular septal defect with pulmonary hypertension. Wada J, et al. *Ann Thorac Surg* 8:415-24, Nov 69
- Acute aortic dissection due to cystic necrosis. Four cases of emergency replacement of the ascending aorta with survival. Matloff JM, et al. *Arch Surg (Chicago)* 101:8-13, Jul 70
- A new fluoroalkyl cyanoacrylate surgical adhesive. Nelson RA, et al. *Arch Surg (Chicago)* 100:295-8, Mar 70
- "Repeat" high ligation. Halliday P. *Aust New Zeal J Surg* 39:354-6, May 70
- The effect of gelatin plasma substitutes on the hemostatic mechanism. Heene DL, et al. *Bibl Haemat* 33:428-33, 1969
- Hemostasis and gelatin infusion. Ludwig H, et al. *Bibl Haemat* 33:492-3, 1969
- Eight years' experience with the use of modified fluid gelatin for resuscitation. Picard P, et al. *Bibl Haemat* 33:522-4, 1969
- Dental treatment of patients with hemorrhagic disorders. Webster WP, et al. *Bibl Haemat* 34:139-48, 1970
- Human platelet membrane protein. Nachman RL, et al. *Biochemistry (Wash)* 9:200-5, 20 Jan 70
- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- Wiskott-Aldrich syndrome: qualitative platelet defects and short platelet survival. Gröttem KA, et al. *Brit J Haemat* 17:373-88, Oct 69
- POR 8, a new vasoconstrictor substitute for adrenaline in plastic surgery. Clodius L, et al. *Brit J Plast Surg* 23:73-6, Jan 70
- A new approach to the operation of blepharoplasty. Silver HL. *Brit J Plast Surg* 22:253-6, Jul 69
- The effect of isobutyl-cyanoacrylate monomer adhesive on closure of nephrotomy and partial nephrectomy incisions. Fox M, et al. *Brit J Urol* 41:539-45, Oct 69
- Haemostatic mechanism in the uterine circulation during placental separation. Bonnar J, et al. *Brit Med J* 1:564-7, 6 Jun 70
- Haemostasis and the uterus. *Brit Med J* 1:553-4, 6 Jun 70
- Local and systemic factors in the pathogenesis of thrombosis. Deykin D. *Calif Med* 112:31-40, Mar 70 (93 ref.)
- Hemostatic mechanisms in thrombogenesis: implications for therapy. Rapaport SI. *Calif Med* 112:79-80, Mar 70
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- oxicity of diphenylhydantoin in dogs with experimental myocardial infarction. Nigri A, et al. *Cardiologia (Basel)* 53:150-7, 1968
- Collateral circulation, renal function and histology after experimental obstruction of renal veins. Threefoot SA, et al. *Chest* 58:249-60, Sep 70
- Aspirin, platelets, and bleeding. Bowie EJ, et al. *Circulation* 40:757-60, Nov 69
- Anesthetic and surgical problems in treating aortofemoral occlusive disease. Perry MO, et al. *Clin Anesth* 3:228-45, 1968 (31 ref.)
- The role of circulating catecholamines in arterial baroreceptor reflexes in the dog and in man. Hodge RL, et al. *Clin Sci* 37:69-77, Aug 69
- The effect of nephrectomy on the metabolism of labelled parathyroid hormone. Martin TJ, et al. *Clin Sci* 37:137-42, Aug 69
- Glomerular permeability during proteinuria induced by plasma infusion. Petrie JJ, et al. *Clin Sci* 39:383-9, Sep 70
- The septal artery and vein in canine coronary vessels. The blood flow rate through the anterior interventricular vein after ligation of the septal artery. Elišková M, et al. *Cor Vasa* 11:136-45, 1969
- A model of myocardial infarct in dogs, through the gradual compression of the coronary vessels by rods of laminaria digitata. Maros TN, et al. *Cor Vasa* 11:93-100, 1969



# SUBJECT SECTION

# HEMOSTASIS

Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1:51, Jan 70 (114 ref.)

Management of head injury by industrial nurses. Bouzarth WF. *Industr Med Surg* 39:21-2, Jan 70

Aid of LN2-cryospray in extirpation of brain tumors. Hamlin H. *Int Surg* 52:285-6, Oct 69

Comparison of the results of internal iliac and uterine artery ligation in Wertheim hysterectomy and pelvic lymphadenectomy. Lash AF, et al. *Int Surg* 53:344-7, May 70

Renal injury: suture versus n-butyl cyanoacrylate tissue adhesive spray repair. Fein RL, et al. *Invest Urol* 8:12-20, Jul 70

Toe dressing following nail avulsion. Stein N. *J Amer Podiat Ass* 60:211, May 70

Thermal response to ureteral obstruction: a model for the study of factors which influence glomerular filtration pressure. Jaenike JR. *J Lab Clin Med* 76:373-82, Sep 70

Abdominal trauma at the Howard University Hospital. Callender C, et al. *J Nat Med Ass* 62:147-52, Mar 70

Intracranial ventricular haemorrhage as a first presentation of haemophilia. A case of successful surgical management. Adeloys A, et al. *J Neurol Neurosurg Psychiat* 32:470-3, Oct 69

Hemostasis in cyanotic congenital heart disease. Ekert H, et al. *J Pediat* 76:221-30, Feb 70

Clotting and bleeding in cyanotic congenital heart disease. Naiman JL. *J Pediat* 76:333-5, Feb 70

Topical treatment of minipig split thickness skin graft donor sites using 2-cyanoacrylate homologues. Ousterhout DK, et al. *J Surg Res* 10:213-9, May 70

Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al. *J Trauma* 9:939-65, Nov 69

Prostatic fossa packing via cystostomy tube: an aid to hemostasis in selected cases. Grabstald H. *J Urol* 103:200-1, Feb 70

Vascular surgery in Jehovah's Witnesses. Simmons CW Jr, et al. *JAMA* 213:1032-4, 10 Aug 70

Vaginal hysterectomy by morcellation. Pratt JH, et al. *Mayo Clin Proc* 45:374-87, May 70

The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69

The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69

Functional aspects of disordered immunoglobulins. Penny R. *Med J Aust* 2:515-7, 6 Sep 69 (22 ref.)

Epistaxis. Hill CL. *Med Trial Techn Quart* 16:29-32, Sep 69

Hemostasis with cyanoacrylate: a new method. Heisterkamp CA 3d, et al. *Milit Med* 134:1508-9, Dec 69

Subfascial vein ligation in the treatment of venostasis. Dillard BM, et al. *Missouri Med* 67:655-61 passim, Sep 70

The clinical challenge of disseminated intravascular coagulation. Deykin D. *New Eng J Med* 283:636-44, 17 Sep 70

Aspirin, platelets and hemostasis. Quick AJ. *New Eng J Med* 283:598, 10 Sep 70

The vascular component in hemostasis. Quick AJ. *New Eng J Med* 283:186-9, 23 Jul 70

Aspirin, platelets and hemostasis. Weiss HJ. *New Eng J Med* 283:597, 10 Sep 70

Adrenochrome monosemicarbazone sodium salicylate complex and blood loss. Report of negative results. Thompson WB Jr, et al. *Obstet Gynec* 35:797-9, May 70

Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)

A test for fibrinolytic capacity. De Takats G, et al. *Proc Inst Med Chicago* 28:125, May 70

The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al. *Rev Europ Etud Clin Biol* 15:442-3, Apr 70

An inhibitor to fibrin stabilizing factor (FSF, factor XIII). Godal HC. *Scand J Haemat* 7:43-8, 1970

The blood platelet release reaction. Holmsen H, et al. *Scand J Haemat* 3:26, 1969

Ligation of internal maxillary artery for intractable epistaxis. Henderson GP Jr, et al. *Southern Med J* 63:41-3, Jan 70

Factors influencing postischemic cerebral vascular obstruction. Cantu RC. *Surg Forum* 20:426-8, 1969

Effects of subclavian steal and compromised cephalic blood flow on cerebral circulation. Eklof B, et al. *Surg Forum* 20:154-6, 1969

Lung scanning and differential bronchspirometry: a comparative study. Isawa T, et al. *Surg Forum* 20:230-1, 1969

Mechanical efficiency of the left ventricle following experimental myocardial infarction and infarctectomy. Stein MA, et al. *Surg Forum* 20:192-4, 1969

Control of hepatic venous bleeding by transvenous balloon catheter. Doty DB, et al. *Surg Gynec Obstet* 131:449-52, Sep 70

Five year history of surgically treated abdominal aortic aneurysms. Gardner RJ, et al. *Surg Gynec Obstet* 130:981-7, Jun 70

Hemostasis, blood coagulation, and isobutyl cyanoacrylate tissue adhesive. Gollub S, et al. *Surg Gynec Obstet* 130:3-10, Jan 70

Techniques of total appendectomy. Reynolds W Jr. *Surg Gynec Obstet* 130:891-6, May 70

Hemostasis during liver resections. Clark WR Jr, et al. *Surgery* 67:556-7, Mar 70

Ligation, stripping, and excision of varicose veins. Dale WA. *Surgery* 67:389-93, Feb 70

On the role of the stable plasminogen activator of the venous wall in occlusion induced fibrinolytic state. Constantini R, et al. *Thromb Diath Haemorrh* 22:544-51, 31 Dec 69

Bleeding time and surgical blood losses in nonhemorrhagic people. Roskam J. *Thromb Diath Haemorrh* 22:391-5, 15 Nov 69

Consumption coagulopathy in obstetrics and gynecology. Steichele DF. *Thromb Diath Haemorrh* 36:Suppl 36:177-4, 1969

Serum transfusion as a hemostatic procedure. Chiba Y. *Tohoku J Exp Med* 98:303-27, Aug 69

Comparison of counterpulsation and balloon pumping for treating myocardial infarction. Dolan AM, et al. *Trans Amer Soc Artif Intern Organs* 16:455-8, 1970

Evaluation of collateral blood supply by direct measurement of the performance of ischemic myocardial muscle. Nishimura A, et al. *Trans Amer Soc Artif Intern Organs* 16:450-4, 1970

Hemostatic adenomectomy. Grégoir W. *Urol Int* 24:426-38, 1969

Pulmonary embolization following inferior vena caval interruption. Jackson DR, et al. *Vasc Surg* 3:129-37, Sep 69

[Experience with stomatologic therapy in 27 hemophiliacs] Kominek J, et al. (Cze) *Cesk Pediat* 25:239-41, May 70

[Current therapy of hemophilia] Myllylä G. (Fin) *Duodecim* 85:850-3, 1969

[Anesthesia in surgery of otospongiosis] Causse J, et al. *Ann Otolaryng (Paris)* 87:231-40, Apr-May 70 (Fre)

[A method of hemostasis in prostatic adenomectomy using the transvesical approach. 450 cases] Neveu J, et al. *Ann Urol (Paris)* 4:33-9, Feb 70 (Fre)

[Examination of a patient with constitutional disorders of hemostasis] Alagille MD. *Bordeaux Med* 3:1055-6 passim, Apr 70 (Fre)

[Hemostasis and treatment of the prostatic niche after transvesical adenomectomy] Madier C. *Bull Soc Chir Paris* 60:106-10, 1970 (Fre)

[Prostatic surgery. Diverse interventions] Reboul H, et al. *Bull Soc Chir Paris* 60:114-9, 1970 (Fre)

[Prostatic adenomectomy according to the Hryntschak technic] Steg A. *Bull Soc Chir Paris* 60:93-7, 1970 (Fre)

[New contributions to the study of leptospirosis in Reunion. I. Study of 70 cases, 18 of which fatal: clinical and biological aspects. Physiopathological considerations] Gauthier R, et al. *Bull Soc Path Exot* 62:493-508, May-Jun 69 (Fre)

[Anesthesia and resuscitation during intestinal transplantation] Baur O, et al. *J Chir (Paris)* 98:349-56, Oct 69 (Fre)

[Spontaneous rupture of pancreaticoduodenal artery] Boutellier P, et al. *J Chir (Paris)* 99:417-20, Apr 70 (Fre)

[Liver injuries] Fékété F, et al. *J Chir (Paris)* 98:55-74, Jul-Aug 69 (Fre)

[Prolongation of bleeding time and collagen anomalies] Caen J, et al. *Nouv Rev Franc Hemat* 10:426-30, May-Jun 70 (Fre)

[The ultrastructure of blood platelets with reference to their hemostatic function] Hovig T. *Nouv Rev Franc Hemat* 9:496-506, Jul-Aug 69 (Fre)

[Thrombosthenine. Its role in hemostasis] Luscher EF. *Nouv Rev Franc Hemat* 9:506-12, Jul-Aug 69 (Fre)

[Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)

[Peroperative hemostasis in saphenous stripping] Hardillier J. *Phlebologie* 22:347-8, Oct-Dec 69 (Fre)

[Hemostasis in saphenous stripping. The peroperative



- temporary drainage with Sorbacel] Reboul H, et al. *Phlebologie* 22:343-5, Oct-Dec 69 (Fre)
- [Place of vagotomy in the therapy of massive ulcerous hemorrhages] Adloff M, et al. *Presse Med* 77:1813-4, 22 Nov 69 (Fre)
- [Epistaxis] Doncieux D, et al. *Presse Med* 77:2091-5, 25 Dec 69 (Fre)
- [Platelets and structures of the blood vessel] Legrand Y. *Presse Med* 78:721-3, 28 Mar 70 (Fre)
- [Moschowitz's disease: consumption coagulopathy?] Muller JM, et al. *Presse Med* 77:1895-8, 29 Nov 69 (Fre)
- [Dextran and dynamic coagulation] Raby C, et al. *Presse Med* 77:1819-20, 22 Nov 69 (Fre)
- [Hemostasis in donor areas of skin grafts and autoplasic flaps] Roucher F. *Presse Med* 77:1953-4, 6 Dec 69 (Fre)
- [Massive hemorrhages of gastroduodenal origin. Portal hypertension excluded] Vayre P, et al. *Presse Med* 78:237-40, 28 Jan 70 (Fre)
- [Meningococci with necrotic purpura and paralysis of the lower limbs in a 17-month-old infant. Favorable evolution] Messerschmitt J, et al. *Sem Hop Paris* 46:2348-53, 10 Sep 70 (Fre)
- [Study of the action of basic aluminium clofibrate on blood lipids and hemostasis] Edmond E, et al. *Therapeutique* 46:55-9, Jan 70 (Fre)
- [Morphological studies on cryogenic surgery of the liver] Stucke K, et al. *Acta Hepatosplen (Stuttgart)* 16:311-24, Sep-Oct 69 (Ger)
- [Surgical treatment of traumatic liver damage] Bengmark S, et al. *Chirurg* 40:458-61, Oct 69 (Ger)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al. *Chirurg* 40:76-80, Feb 69 (Ger)
- [Animal experimental studies on the hemostatic effect of isopropyl adrenochrome monosemicarbazone-Novochrome] Bach G, et al. *Deutsch Gesundh* 24:359-63, 11 Mar 69 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)
- [The pyrogenesis of hemostasis] Rex JO, et al. *Folia Haemat (Leipzig)* 93:294-9, 1970 (Ger)
- [Biological principles of the treatment of wounds] Allgöwer M. *Langenbecks Arch Chir* 325:22-9, 1969 (Ger)
- [Combined mechanical and medicinal hemostasis in prostatectomy] Schrader CP, et al. *Urol Int* 24:418-25, 1969 (Ger)
- [New diagnostic possibilities—limits of conclusive evidence in collected evidence. Hemostatic disorders (abnormal hemorrhages) from this viewpoint] Reissigl H. *Z Allgemeinmed* 45:1163-9, 10 Sep 69 (Ger)
- [Histological and immunofluorescence studies on the inhibition of the direct passive Arthus reaction (DPA) in rat paws by benadryl and trasylo] Denk H, et al. *Z Immunitätsforsch* 139:25-42, Dec 69 (Ger)
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeiffer GW, et al. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)
- [The problem of hemostasis in transvesical prostatic adenectomy: proposals for a preventive hemostasis and for the control of postoperative hemorrhage caused by fibrinolysis activation] Di Grazia G, et al. *Arch Ital Urol* 42:289-98, 1969 (Ita)
- [14 years' experience in the use of hemostatic re-absorbable gauze in "transvesical prostatectomy". Technic, statistics, surgical results] De Benedetti H. *Minerva Chir* 23:349-56, 15 Apr 68 (Ita)
- [Prevention of capillary hemorrhage in general and gynecological surgery] Jacobelli G, et al. *Minerva Med* 60:4615-9, 21 Nov 69 (Ita)
- [Aspects of the physiopathology of hemostasis: hemorrhagic tissue angiophilia] Neri Serneri GG. *Minerva Med* 60:4959-63, 8 Dec 69 (Ita)
- [Hemorrhagic diathesis and recurrent retino-vitreous hemorrhages in young subjects. (hemophilia and pseudohemophilia in Eales disease)] Crolle G, et al. *Minerva Oftal* 10:221-7, Nov-Dec 68 (Ita)
- [Constitutional hemorrhagic disease caused by deficiency of factor VII (convertin)] Mandelli F, et al. *Recent Progr Med (Roma)* 47:1-36, Jul 69 (Ita)
- [Unjustified use of nasal tampon] Sato T. *J Otolaryng Jap* 72:326-7, 20 Feb 69 (Jap)
- [Blood coagulation and hemostasis] Matsuoka M. *Jap J Clin Path* 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)
- [Platelet function tests] Terada H, et al. *Jap J Clin Path* 16:Suppl 16:48-58, 1969 (Jap)
- [Treatment of postpartum atopic hemorrhage practiced in our hospital] Banba K, et al. *Sanfujin Jissai* 18:1023-9, Oct 69 (Jap)
- [Successful hemostasis in massive hemorrhage in labor] Kanda K. *Sanfujin Jissai* 18:1004-5, Oct 69 (Jap)
- [Blood transfusion during labor] Matsuura T, et al. *Sanfujin Jissai* 18:974-80, Oct 69 (Jap)
- [Successful hemostasis in massive hemorrhage during labor] Nagahashi C. *Sanfujin Jissai* 18:1003-4, Oct 69 (Jap)
- [Successful hemostasis in massive hemorrhage during labor] Tsunoda R. *Sanfujin Jissai* 18:1002-3, Oct 69 (Jap)
- [Prostatectomy—our hemostatic method] Hata M. *Shujutsu* 24:957-65, Aug 70 (59 ref.) (Jap)
- [Research in hemostasis and surgery] Ro J. *Nord Med* 84:1086-7, 20 Aug 70 (Nor)
- [Changes of hemostatic functions of rabbit platelets after cholesterol diet feeding] Farbiszewski R, et al. *Acta Physiol Pol* 20:719-25, 1969 (Pol)
- [Congenital absence of the fibrin-stabilizing factor. (Factor 13)] Cieplewska D, et al. *Pediat Pol* 45:829-32, Jul 70 (Pol)
- [Hematologic changes following surgery. I. Erythrocytes and leukocytes] Bogusz J, et al. *Pol Przegl Chir* 41:1072-7, Aug 69 (22 ref.) (Pol)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)
- [Value of certain studies of the hemostatic system in the diagnosis of hemophilia] Wichert K. *Roczn Pom Akad Med Swierczewski* 15:329-43, 1969 (Pol)
- [Treatment of fractures in patients with hemophilia] Smilowicz M. *Wiad Lek* 23:565-9, 1 Apr 70 (8 ref.) (Pol)
- [Hemostatic adenectomy] Grégoir W. *Rev Ass Med Brasil* 15:493-6, Dec 69 (Por)
- [Delivery of the placenta and mechanism of hemostasis in the uterus in the 3d stage of labor] Petrov-Maslakov MA, et al. *Akush Ginek (Moskva)* 46:44-8, Apr 70 (Rus)
- [The effectiveness of using cyacrin for arresting parenchymal hemorrhage] Gagau AM. *Eksp Khir Anest* 14:30-1, Nov-Dec 69 (Rus)
- [The surgical treatment of ulcers of the lower extremities] Borovkov SA. *Khirurgia (Moskva)* 45:100-4, May 69 (Rus)
- [Hemostasis in parenchymatous hemorrhages] Gagau AM. *Khirurgia (Moskva)* 45:49-53, May 69 (Rus)
- [Grant angiofibroma of the dorsum] Kutakov OI, et al. *Khirurgia (Moskva)* 46:106-8, May 70 (Rus)
- [The use of ganglionic block in reducing blood loss in radical mastectomy] Shnitser IuM. *Klin Khir (Kiev)* 6:36-8, Jun 69 (Rus)
- [Pathogenesis and prevention of hemostasis disorders in diseases of the prostate] Skipetrov VP, et al. *Klin Khir (Kiev)* 5:33-9, May 69 (Rus)
- [Mechanism of hemostatic effect of preserved blood in experimental disorders of functional status of blood coagulation system] Glants RM, et al. *Probl Gemat* 12:29-34, Sep 67 (Rus)
- [Mechanism of hemostatic effect of epsilon-aminocaproic acid] Kaznacheev VP, et al. *Probl Gemat* 13:36-9, Dec 68 (Rus)
- [Study of peculiarities of hemostasis in women hemophilia carriers] Papalan LP, et al. *Probl Gemat* 13:24-9, Jan 68 (Rus)
- [Application of epsilon-aminocaproic acid hydrochloride in hemorrhage in urological patients] Shemetov VD. *Sovet Zdravookhr Kirgiz* 1:62-4, Jan-Feb 70 (Rus)
- [Blood losses and hemostasis problems in surgery of prostatic carcinoma] Epifanov NS, et al. *Vestn Khir Grekov* 103:37-41, Dec 69 (Rus)
- [Ganglionic blockaders in the therapy of pulmonary hemorrhage] Iatsozhinski IuD, et al. *Vrach Delo* 11:59-62, Nov 69 (Rus)
- [Coagulation and hemostasis] Santos F. *Rev Brasil Anest* 19:153-63, Apr-Jun 69 (Spa)
- [Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al. *Rev Clin Esp* 113:481-90, 30 Jun 69 (87 ref.) (Spa)
- [Hemostatic intubation by compression of the antral and bleeding duodenal ulcers] Guevara A, et al. *Rev Esp Enferm Apar Dig* 28:509-20, Apr 69 (Spa)
- [Biological half-life of fibrinogen labelled with radioactive iodine I-131 in coronary disease] Dordevic BS, et al. *Acta Med Jugosl* 24:7-19, 1970 (Cro)
- [Changes in the blood and global hemostasis during



# SUBJECT SECTION

# HEMOSTATICS

recovery from acute histamine shock] Nikulin A, et al.  
Acta Med Jugosl 23:31-41, 1969 (Cro)

## ADVERSE EFFECTS

Temporary blindness and ophthalmoplegia from nasal packing. Glammanno P, et al. J Laryng 84:631-5, Jun 70

## DRUG THERAPY

[The effect of flavone derivatives on thrombocyte function] Zürn H.  
Folia Haemat (Leipzig) 92:550-2, 1969 (Ger)

## INSTRUMENTATION

Intra-arterial occlusion in vascular surgery. McCaughan JJ Jr, et al. Ann Surg 171:695-703, May 70  
Clinical experience with the G-suit. Espinosa MH, et al. Arch Surg (Chicago) 101:36-9, Jul 70  
Fenestrated hemostat for cheloplasty. Combined with implantation of Silastic in saddle nose. Seltzer AP. J Nat Med Ass 62:36-7, Jan 70  
A percutaneous balloon catheter for the immediate control of hemorrhage. Wholey MH, et al. Radiology 95:65-71, Apr 70  
A hemostatic vascular cuff. Williams BT, et al. Rev Surg (Phila) 27:75-6, Jan-Feb 70  
Control of the hepatic parenchyma by direct compression: a new instrument. Doty DB, et al. Surgery 67:720-4, Apr 70  
[An electrosurgical device for coagulating biological tissue and arresting parenchymatous hemorrhage] Gavrlov SA, et al.  
Grudn Khir 11:103-6, Nov-Dec 69 (Rus)

## HEMOSTATICS

Quantitative estimation of bleeding in organs of laboratory animals. A new method and its application to the study on the effect of hemostatic agents. Suga Y, et al. Acta Haemat Jap 32:377-83, Jun 69  
Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. Cohen I, et al.  
Amer J Med 48:766-76, Jun 70  
Bone wax as an effective hemostat in periapical surgery. Selden HS. Oral Surg 29:262-4, Feb 70  
Staphylocoagulase as a hemostatic agent. Mojovic B, et al. Yale J Biol Med 42:11-20, Aug 69  
[To economize blood] Tailleux J.  
Anesth Analg (Paris) 26:619-22, Jul-Aug 69 (Fre)  
[The great hemorrhagic diatheses] Paccalin J.  
Rev Odontostomat Midi France 27:58-74, 1969 (Fre)  
[Detection of a plasminogen-like substance in healthy human skin] Haustein UF.  
Derm Mschr 155:395-9, 1969 (Ger)  
[14 years' experience in the use of hemostatic re-absorbable gauze in "transvesical prostatectomy". Technic, statistics, surgical results] De Benedetti H.  
Minerva Chir 23:349-56, 15 Apr 68 (Ita)  
[Unjustified use of nasal tampon] Sato T.  
J Otolaryng Jap 72:326-7, 20 Feb 69 (Jap)  
[Hemostatics] Shinagawa N.  
Jap J Midwife 23:17-21, Sep 69 (Jap)  
[Treatment of the donor site of the skin by fibrin membrane] Nishi S, et al.  
Orthop Surg (Tokyo) 21:638-42, Aug 70 (Jap)  
[Prostatectomy--our hemostatic method] Hata M.  
Shujutsu 24:957-65, Aug 70 (59 ref.) (Jap)  
[Hemostasis in parenchymatous hemorrhages] Gagaa AM. Khirurgiya (Moskva) 45:49-53, May 69 (Rus)  
[Use of hemostatic gauze on a modified cellulose base in otorhinolaryngologic surgery] Khodakov IG, et al.  
Vestn Otorinolaring 31:74-6, Jan-Feb 69 (Rus)  
[Practical dentistry]  
Bol Odont (B Air) 37-8, Jan-Jun 69 (Spa)

## ADMINISTRATION & DOSAGE

Reduction of exogenous water and solute requirements during elective operations, with postoperative enhancement of peripheral red cell mass. Reynolds BL, et al. Amer Surg 35:725-9, Oct 69  
Sciatic nerve injury following misplaced gluteal injection. Gilles FH, et al. J Pediat 76:247-54, Feb 70  
[Trials of a new angio-protecting non-coagulating

hemostatic in ophthalmology] Braun-Vallon S, et al. Arch Ophtal (Paris) 29:865-8, Dec 69 (Fre)  
[Use of a hemostatic agent in dental and maxillofacial practice] Ribaut. Inform Dent 52:316-9, 22 Jan 70 (Fre)  
[Hemostasis in donor areas of skin grafts and autoplasic flaps] Roucher F.  
Presse Med 77:1953-4, 6 Dec 69 (Fre)

## ADVERSE EFFECTS

Long-term study of aerosol cyanoacrylate tissue adhesive spray: carcinogenicity and other untoward effects. Matsumoto T, et al.  
Amer Surg 35:825-7, Nov 69  
Microcrystalline collagen as a biologic dressing, vascular prosthesis, and hemostatic agent. Hait MR, et al. Surg Forum 20:51-3, 1969  
[Trials of a new angio-protecting non-coagulating hemostatic in ophthalmology] Braun-Vallon S, et al. Arch Ophtal (Paris) 29:865-8, Dec 69 (Fre)  
[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## ANALYSIS

Determination of purity of toluidine blue O by thin layer chromatography (TLC).  
Amer J Hosp Pharm 26:540-2, Sep 69  
Separation of the coagulant components of Bothrops jararaca venom. Denson KW, et al.  
Toxicon 8:15-9, May 70

## ISOLATION & PURIFICATION

[Endofactor of yeast fungi and its participation in the process of plasma coagulation] Zaikina NA, et al.  
Probl Gemat 13:37-40, Jan 68 (Rus)

## PHARMACODYNAMICS

The fate of resorbable hemostatic implants in rats. Hjortdal O. Acta Odont Scand 28:323-36, Jun 70  
Experimental studies on the antigenic action of bioplast preparations. Horváth N, et al.  
Acta Vet Acad Sci Hung 19:191-5, 1969  
Microcrystalline collagen. A new hemostatic agent. Hait MR. Amer J Surg 120:330, Sep 70  
The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1309-20, Nov 69  
The before and after of blood clotting. Hiss RG, et al. Med Clin N Amer 53:1321-30, Nov 69  
[Effect of various fibrin preparations on reimplantations in the rat skin] Matras H.  
Oest Z Stomat 67:338-59, Sep 70 (Ger)  
[Effect of sodium bromide on the activity of hemostatic substances] Ladrova VM, et al.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)  
[Oxycoumarins and their glycosides] Kosheleva LI, et al. Farmatsiya 18:78-88, Jul-Aug 69 (106 ref.) (Rus)  
[Endofactor of yeast fungi and its participation in the process of plasma coagulation] Zaikina NA, et al.  
Probl Gemat 13:37-40, Jan 68 (Rus)

## THERAPEUTIC USE

Microcrystalline collagen. A new hemostatic agent. Hait MR. Amer J Surg 120:330, Sep 70  
Case history of a patient with Von Willebrand's disease requiring oral surgery. Gilman DJ.  
Ann Dent 28:126-7, Dec 69  
Solid organ injuries in Vietnam. Emergency hemostasis with N-butyl cyanoacrylate adhesive. Helsterkamp CA 3d, et al. Arch Surg (Chicago) 100:109-12, Jan 70  
Adrenosem therapy for bleeding coincident with the use of intrauterine contraceptive devices: a double blind study. Horne HW Jr, et al.  
Fertil Steril 21:230-3, Mar 70  
Seborrheic keratoses. Scarless removal by curettage and oxidized cellulose. Mohs FE.  
JAMA 212:1956-8, 15 Jun 70  
A new haemostatic-vasoconstrictor agent for the control of bleeding. Rea D.  
Med J Aust 2:762-3, 11 Oct 69  
[Presomen] König J. Cas Lek Cesk 109:95, Jan 70 (Cze)  
[New technic of moderate gastric hypothermia: direct lavage of the stomach with the cooling fluid] Otteni JC, et al. Ann Chir 23:1355-9, Dec 69 (Fre)  
[Reduction of operative bleeding by a synthetic



- product: D.B.S.D. Value in general surgery] Estour E. Lyon Med 218:367-76, 3 Sep 67 (Fre)
- [Clinical dental trial of Doxium in dentistry] Bucher R. Med Hyg (Geneve) 28:1007, 10 Jun 70 (Fre)
- [Emergency therapy in platelet syndromes] Gilly R, et al. Pediatrie 24:927-36, Dec 69 (Fre)
- [Have the citro-flavonoids and the derivatives of adrenochrome still a place in the prevention of feto-maternal immunization and perinatal hemolytic disease?] Mahon R, et al.
- Rev Franc Gynec Obstet 65:39-43, Jan-Feb 70 (Fre)
- [Fibrin stabilization and fibrinolysis in total wound dehiscence] Cassau D, et al.
- Chirurg 40:76-80, Feb 69 (Ger)
- [Intestinal manifestations of Osler-Rendu-Weber syndrome] Güllow M, et al.
- Deutsch Z Verdau Stoffwechselkr 29:161-6, 1969 (Ger)
- [Use of absorbable substances in minor oral surgery for the ambulatory patient] Castagnola L, et al.
- Amici Brugg 4:14-21, Apr 69 (Ita)
- [Aplastic anemia] Umebara S.
- Naika 25:1227-8, Jun 70 (Jap)
- [Hemorrhagic diathesis (excluding thrombopenia, leukemia and aplastic anemia)] Yamanaka M.
- Naika 25:1220-2, Jun 70 (Jap)
- [Clinical use of oxycell in otorhinolaryngological fields] Kimura T, et al.
- Otolaryngology (Tokyo) 42:477-80, Jun 70 (Jap)
- [Massive hemorrhage during labor] Shinagawa N, et al.
- Sanfujin Jissai 18:959-73, Oct 69 (Jap)
- [Therapy of idiopathic melena--on 130 cases] Takeoka H. Sanfujin Jissai 18:636-40, Jul 69 (Jap)
- [POR-8, a new vasoconstrictor drug. Hemostatic effects in tonsillectomy] Winther FO, et al.
- T Norsk Laegeforen 89:1422-3, 15 Sep 69 (Nor)
- [Treatment of patients with fresh eye burns] Chernova AA, et al. Oftal Zh 24:499-503, 1969 (Rus)
- [Peculiarities of hemostatic measures in hemorrhages of different origin] Grozdov DM.
- Probl Gemat 14:13-8, Aug 69 (Rus)
- [Hemostatic effect of serotonin in hypo- and aplastic anemias] Lagutina Nla.
- Probl Gemat 14:19-21, Mar 69 (Rus)
- [Use of dry lyophilized Vicasol plasma for hemostasis in highmrotomy and ethmoidectomy] Evdoshchenko EA, et al.
- Zh Ushn Nos Gori Bolez 29:29-33, Jan-Feb 69 (Rus)
- [Experimentation with a new antihemorrhagic cyclonamine in dentistry] Bouchayer M.
- Rev Circ Argent Odont 32:47-8, Dec 69 (Spa)
- [Blood coagulation therapy in liver cirrhosis] Garcia-Conde Bru FJ, et al.
- Rev Esp Enferm Apar Dig 28:695-702, May 69 (Spa)

## TOXICITY

- The effect of n-butyl 2-cyanoacrylate on liver function. Houston S, et al. J Biomed Mat Res 4:25-8, Mar 70

## URINE

- Reduction of exogenous water and solute requirements during elective operations, with postoperative enhancement of peripheral red cell mass. Reynolds BL, et al. Amer Surg 35:725-9, Oct 69

## HEPARIN

- Determination of cortisol in capillary blood from man. Jansen JA, et al.
- Acta Endocr (Kobenhavn) 62:624-6, Dec 69
- Studies in cryofibrinogenemia. Zlotnick A, et al.
- Acta Haemat (Basel) 42:8-17, 1969
- Coagulation studies of the vascular intima. I. Antiheparin activity. Oe K.
- Acta Haemat Jap 32:287-96, Apr 69
- Mode of binding of histamine and some other biogenic amines to a protamine-heparin complex in vitro. Aborg CH, et al. Acta Physiol Scand 74:552-67, Dec 68
- Storage of histamine in mast cells. Evidence for an ionic binding of histamine to protein carboxyls in the granule heparin-protein complex. Uvnäs B, et al.
- Acta Physiol Scand Suppl 336:1+, 1970
- The structure and metabolism of mucopolysaccharides (glycosaminoglycans) and the problem of the mucopolysaccharidoses. Muir H.
- Amer J Med 47:673-90, Nov 69 (169 ref.)
- Purification of some human serum proteins responsible for heparin binding. Becker KE, et al.
- Amer J Physiol 218:1500-5, May 70

- Nonthrombogenic arterial catheters. Glancy JJ, et al.
- Amer J Roentgen 108:716-23, Apr 70
- Binding of anilide-type local anesthetics in human plasma. I. Relationships between binding, physicochemical properties, and anesthetic activity. Tucker GT, et al. Anesthesiology 33:287-303, Sep 70
- A new look at prosthetic materials. Valiathan MS.
- Ann Roy Coll Surg Eng 45:131-49, Sep 69
- Loss of rubella antibody from immune globulin treated with kaolin. Cabasso VJ, et al.
- Appl Microbiol 18:410-5, Sep 69
- The high oncotic pressure effects of dextrans. Marty AT, et al. Arch Surg (Chicago) 101:421-4, Sep 70
- Further studies on vascular pressure changes with overtransfusion. Waltz CA, et al.
- Arch Surg (Chicago) 99:628-30, Nov 69
- Nonthrombogenic extracorporeal portosystemic shunt. Yim DW, et al. Arch Surg (Chicago) 100:367-71, Apr 70
- Plasma substitutes and the artificial kidney. Schütterle G, et al. Bibl Haemat 33:581-6, 1969
- Stabilization and partial purification of lipoprotein lipase. Reichl D. Biochem J 114:71P, Oct 69
- Human lipoprotein lipase. I. Purification and substrate specificity. Fielding CJ.
- Biochim Biophys Acta 206:109-17, 22 Apr 70
- Characterization and partial purification of a lipase from Pseudomonas aeruginosa. Finkelstein AE, et al.
- Biochim Biophys Acta 206:380-91, 10 Jun 70
- Hydrolysis of diglyceride and glyceryl monoester diethers with "lipoprotein lipase". Greten H, et al.
- Biochim Biophys Acta 210:39-45, 9 Jun 70
- Novel hyaluronidase from streptomyces. Ohya T, et al.
- Biochim Biophys Acta 198:607-9, 18 Mar 70
- Studies on a hemolytic factor of cobra venom requiring a heat-labile serum factor. Phillips GB.
- Biochim Biophys Acta 201:364-74, 24 Feb 70
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al.
- Biochim Biophys Acta 194:449-61, 23 Dec 69
- Effects of freezing on peripheral leucocytes. Luyet B, et al. Biodynamica 10:241-59, 1969
- Rheology of human foetal blood with reference to haematocrit, plasma viscosity, osmolality and pH. Glombl A, et al. Biorheology 6:315-28, Apr 70
- Technique for human marrow grafting. Thomas ED, et al.
- Blood 36:507-15, Oct 70
- Free fatty acid induced arrhythmias during experimental myocardial infarction in dogs. Kurien VA, et al. Brit Heart J 32:556, Jul 70
- The original haemorrhagic fever: yellow fever. Dennis LH, et al. Brit J Haemat 17:455-62, Nov 69
- The isolation of human plasma prekallikrein. McConnell DJ, et al.
- Brit J Pharmacol 38:490-502, May 70
- A heparin sulfamidase from mammalian lymphoid tissues. Dietrich CP.
- Canad J Biochem 48:725-33, Jun 70
- Auronic acid isomerase in Flavobacterium heparinum. Karapally JC, et al. Canad J Biochem 48:164-9, Feb 70
- Hemagglutination-inhibition rubella antibody determination. Chagnon A, et al.
- Canad J Microbiol 15:962-4, Aug 69
- Rapid glucose oxidase-peroxidase ultramicro method for determination of blood glucose. Lenz PH, et al.
- Clin Chem 16:427-30, May 70
- Changes produced by ultrasound in the deoxyribonucleoprotein complex in vitro. Hrazdila I, et al. Folia Biol (Praha) 16:121-8, 1970
- Complement fixing anti-heparin antibodies in human serum in relationship to age, arteriosclerosis, lipid disorders and neoplastic diseases. Stuchliková E, et al.
- Geront Clin (Basel) 12:186-92, 1970
- Periodate oxidation of acid polysaccharides. II. Rates of oxidation of uronic acids in polyuronides and acid mucopolysaccharides. Scott JE, et al.
- Histochemie 19:155-61, 1969
- Degradation of glycosaminoglycans by tadpole tissue. Differences in activity toward chondroitin 4-sulfate and chondroitin 6-sulfate. Subert JE, et al.
- J Biol Chem 245:1506-8, 25 Mar 70
- Correlations between blood compatibility and heparin adsorptivity for an impermeable isotropic pyrolytic carbon. Bokros JC, et al.
- J Biomed Mat Res 3:497-528, Sep 69
- Heparin sorptivity and blood compatibility of carbon surfaces. Bokros JC, et al.
- J Biomed Mat Res 4:145-87, Jun 70
- Heparin ionically linked to glass. Hersh LS, et al.
- J Biomed Mat Res 3:471-4, Sep 69



- Thrombogenicity of some biomedical materials: platelet-interface reactions. Mason RG, et al. *J Biomed Mat Res* 3:615-44, Dec 69
- The search for the nonthrombogenic property of colloidal graphite. Milligan HL, et al. *J Biomed Mat Res* 4:121-38, Mar 70
- Nonthrombogenic surface preparation for silicone rubber. Uy S, et al. *J Biomed Mat Res* 3:587-613, Dec 69
- Interactions of desensitized actomyosin with tropomyosin, troponin A, troponin B, and polyanions. Hartshorne DJ. *J Gen Physiol* 55:585-601, May 70
- Thermal analysis of polyanion metachromasy: effect of temperature on metachromatic solutions of nucleic acids and acid mucopolysaccharides. Kelly JW, et al. *J Histochem Cytochem* 17:651-7, Oct 69
- Thermal analysis of polyanion metachromasy: temperature effects on stained cells, tissues and models. Kelly JW, et al. *J Histochem Cytochem* 17:658-67, Oct 69
- Staining of tissue polycations by anionic dyes in salt solutions with special reference to gingiva. Staple PH. *J Histochem Cytochem* 18:424-38, Jun 70
- A rapid assay for lipoprotein lipase. Schotz MC, et al. *J Lipid Res* 11:68-9, Jan 70
- Heparin rebound. A clinical study in cases of open heart surgery under cardiopulmonary bypass. Pardanani DS, et al. *J Postgrad Med* 16:26-32, Jan 70
- IRBBB pattern after incising a subdivision of the right bundle branch. Hishida H. *Jap Heart J* 10:350-62, Jul 69
- Experimental reproduction of intracellular granules from heparin and neomycin in cultivated normal and leukaemic leucocytes. Pössnerová V. *Neoplasma (Bratisl)* 16:573-7, 1969
- Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Back N, et al. *Proc Soc Exp Biol Med* 133:740-3, Mar 70
- Promotion of activation of pepsinogen by polyanions including RNA and sulfated mucosubstances. Horowitz MI, et al. *Proc Soc Exp Biol Med* 133:853-7, Mar 70
- Inhibition of biologic activity of poly I: poly C by human plasma. Nordlund JJ, et al. *Proc Soc Exp Biol Med* 133:439-44, Feb 70
- Cultivation of animal cells in a chamber employing the continuous flow of plasma from extracorporeal circuits. Pospíšil M, et al. *Progr Immunobiol Stand* 3:369-72, 1969
- Determination of calcium fractions of serum. 3. Ionized calcium in ultrafiltrates of normal serum and examination of pertinent variables. Pedersen KO. *Scand J Clin Lab Invest* 25:223-30, May 70
- Propulsive gastrointestinal motility after controlled bleeding in the rat. Nylander G. *Scand J Gastroent* 4:105-19, 1969
- Neutrophil segmentation and radial segmentation. Effects of cooling and demecolcine on the lobulation on neutrophil nuclei. Norberg B. *Scand J Haemat* 6:274-9, 1969
- The mechanism of spontaneous resolution of thromboemboli. Gans H, et al. *Surg Gynec Obstet* 130:326-32, Feb 70
- Synthetic thromboresistant surfaces from sulfonated polyelectrolyte complexes. Nelsen L, et al. *Surgery* 67:826-30, May 70
- Use of heparinized priming blood after whole-body perfusion. Tarhan S, et al. *Surgery* 67:584-9, Apr 70
- Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al. *Thromb Diath Haemorrh* 22:273-80, 15 Nov 69
- The effect of adenosine monophosphate, arcaline and anti-inflammatory agents on thrombosis and platelet function in rabbits. Peterson J, et al. *Thromb Diath Haemorrh* 23:148-58, 28 Feb 70
- Effect of androgens on the activity of heparin-activated lipolytic enzymes in healthy persons and in patients with liver cirrhosis] Fabian E, et al. *Cas Lek Cesk* 109:33-7, Jan 70 (Cze)
- [Ionized calcium during hemodialysis in chronic renal insufficiency] Sachs C, et al. *Ann Biol Clin (Paris)* 28:137-43, 1970 (Fre)
- [Relationship between hemolytic action and lecithinase activity of *Naja nigricollis* venom] Boffa MC, et al. *C R Acad Sci [D] (Paris)* 269:2036-9, 17 Nov 69 (Fre)
- [Radiochromatographic determination of adenosine deaminase in plasma] Chivot JJ, et al. *Clin Chim Acta* 27:241-50, Feb 70 (Fre)
- [Heparin 35 maximum sedimentation rate. Statistical study] Pawlowsky Y, et al. *Path Biol (Paris)* 18:49-58, Jan 70 (Fre)
- [Histological and spectrophotometric studies on fluorescence microscopic determination of the "strength of metachromatropy" using acridine orange] Kawamoto M, et al. *Acta Histochem (Jena)* 33:238-46, 1969 (Ger)
- [Tinctorial properties of sulfated polyanion (SP 54)] Müller G, et al. *Acta Histochem (Jena)* 28:190-2, 1967 (Ger)
- [Simplified method for the demonstration of toxic effects in hemorrhagic cell suspensions] Kinzel V, et al. *Blut* 20:377-82, 1970 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Preserved heparin-blood mixture for exchange transfusions] Schubert W, et al. *Kinderaerztl Prax* 38:27-9, Jan 70 (Ger)
- [Serologic demonstration of brucellosis antibodies in heparinized blood samples from cattle] Pannwitz S. *Mh Veterinaarmed* 24:624-6, 15 Aug 69 (Ger)
- [Abnormal hemorrhages in vascular surgery] Flora G. *Thoraxchirurgie* 18:134-7, Apr 70 (Ger)
- [Use of heparinized fresh blood for exchange transfusions in newborns. Analysis of 1341 exchange transfusions in 1194 newborns] Syllm-Rapoport I, et al. *Z Aerztl Fortbild (Jena)* 63:970-8, 15 Sep 69 (Ger)
- [Intra- and postoperative management of consumption coagulopathy] Ninomiya, et al. *Jap J Clin Path* 17:838-42, Nov 69 (Jap)
- [Present status of the artificial heart] Atsumi K. *Surg Ther (Osaka)* 21:306-25, Sep 69 (107 ref.) (Jap)
- [Heparin: a significant biological factor] Tarnawski A, et al. *Postepy Hig Med Dosw* 24:125-31, Jan-Feb 70 (Pol)
- [The heparin precipitable fraction of plasma in the diagnosis of rheumatism and infectious arthritis activity] Lazovoi VP, et al. *Lab Delo* 11:671-2, 1969 (Rus)
- [Electrophysiological study of the anaphylactic reaction of isolated atrium in the absence of calcium] Gushchin IS. *Fat Fiziol Eksp Ter* 13:27-31, Jan-Feb 69 (Rus)
- [Nature of lytic effect of fibrinogen-heparin and thyroxine-heparin complexes on fibrin] Kudriashov BA, et al. *Vop Med Khim* 16:161-8, Mar-Apr 70 (Rus)
- [The value of determining heparin plasma cold precipitate in patients with rheumatism] Lesnichii AV. *Vop Revm* 8:58-9, Oct-Dec 68 (Rus)
- [Determination of rheumatic and infectious arthritis activity by studying the heparin sedimented fraction of the blood plasma] Lozovoi VP, et al. *Vop Revm* 9:22-3, Oct-Dec 69 (Rus)

## ADMINISTRATION &amp; DOSAGE

- Coronary occlusion treated with small doses of heparin. Steffensen KA. *Acta Med Scand* 186:519-21, Dec 69
- The effect of heparin and some related agents on diamine oxidase in rabbit blood plasma. Hansson R, et al. *Acta Physiol Scand* 78:539-46, Apr 70
- Role of lipids in decompression sickness. Pauley SM, et al. *Aerospace Med* 41:56-60, Jan 70
- Heparin efficacy in burns. I. Significant early modification of experimental third degree guinea pig thermal burn and ancillary findings. A double blind study. Saliba MJ Jr, et al. *Aerospace Med* 41:179-87, Feb 70
- Effects of nicotine and tobacco smoke on gastric secretion in rats with gastric fistulas. Thompson JH. *Amer J Dig Dis* 15:209-17, Mar 70
- The management of pulmonary embolic disease. Thomas DP. *Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)
- A unified method for regional anticoagulation of blood. Durie MD, et al. *Amer J Surg* 120:341-5, Sep 70
- Retardation of experimental atherosclerosis in endarterectomized arteries by the administration of heparin and dextran. Pilcher DB, et al. *Amer J Surg* 120:270-4, Aug 70
- Long-term daily outpatient heparin therapy in hyperlipemic and normolipemic atherosclerotic states. Woldow A, et al. *Angiology* 21:180-7, Mar 70
- The problems of thrombosis in the deep veins of the leg. Kakkar VV. *Ann Roy Coll Surg Eng* 45:257-76, Nov 69
- Acute and recurrent thromboembolic disease: a new concept of etiology. Altemeler WA, et al. *Ann Surg* 170:547-58, Oct 69
- A comparison of the anticoagulant effects of heparin and phenindione on a standard experimental arterial



- thrombus. Hunt PS, et al.  
Aust New Zeal J Surg 39:207-8, Nov 69
- The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69
- Deep thrombophlebitis in pregnancy. Veray FX, et al.  
Bol Asoc Med P Rico 62:232-8, Aug 70
- Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)
- Defibrination syndrome due to scorpion venom poisoning. Devi CS, et al. Brit Med J 1:345-7, 7 Feb 70
- Massive pulmonary embolism-medical management. Miller GA. Brit Med J 2:777-8, 27 Jun 70
- Haemolytic-uraemic syndrome treated with heparin. Moncrieff MW, et al. Brit Med J 1:188-91, 25 Jul 70
- Intestinal absorption of heparin. Koh TY.  
Canad J Biochem 47:951-4, Oct 69
- Removal of endogenous and exogenous toxins by a microencapsulated absorbent. Chang TM.  
Canad J Physiol Pharmacol 47:1043-5, Dec 69
- Fat embolism. Rennie AM.  
Canad J Surg 13:41-9, Jan 70 (32 ref.)
- Conversion of angiotensin I. Measurement of plasma angiotensin I converting enzyme activity. Boucher R, et al. Circ Res 27:Suppl 1:83-91, Jul 70
- Effect of extended infusion of a low dose of heparin on plasma FFA levels. Baker RM, et al.  
J Clin Endocr 30:670-1, May 70
- Stimulation of insulin secretion by infusion of free fatty acids. Crespin SR, et al.  
J Clin Invest 48:1934-43, Oct 69
- Isolation of leukemic blasts from peripheral blood by density gradient centrifugation. Abeloff MD, et al.  
J Lab Clin Med 75:703-10, Apr 70
- Pregnancy following insertion of cardiac valve prostheses: a review and further case report. Macdonald HN.  
J Obstet Gynaec Brit Comm 77:603-9, Jul 70
- Intestinal absorption of heparin: a study of the interactions of components of oil-in-water emulsions. Engel RH, et al. J Pharm Sci 58:1372-5, Nov 69
- Kinetics of the anticoagulant effect of heparin. Estes JW. JAMA 212:1492-5, 1 Jun 70
- Surreptitious self-administration of heparin. Martin CM, et al. JAMA 212:475-6, 20 Apr 70
- Complications of intravenous administration of heparin in elderly women. Vieweg WV, et al.  
JAMA 213:1303-6, 24 Aug 70
- Portable heparin injector. Handley AJ.  
Lancet 2:313-4, 8 Aug 70
- Portable heparin injector. O'Riordan J, et al.  
Lancet 2:521, 5 Sep 70
- Septic shock. Management of intra-abdominal abscesses. Schwimmer D. Minn Med 53:389-91, Apr 70
- EACA and intravascular coagulation. Kazemi H, et al.  
New Eng J Med 281:1247, 27 Nov 69
- Treatment of deep vein thrombosis. Kakkar VV.  
Proc Roy Soc Med 63:133-5, Feb 70
- Regional intraarterial treatment of rheumatoid polyarthritis with different drugs, especially immunodepressors. Anastasescu G, et al.  
Rom Med Rev 14:21-3, Jan-Mar 70
- A toroidal flow membrane oxygenator: four day partial bypass in dogs. Bartlett RH, et al.  
Surg Forum 20:152-3, 1969
- Plasma protein alterations accompanying cardiac and general surgical procedures. Wallace HW, et al.  
Surg Gynec Obstet 131:268-72, Aug 70
- The metabolism of intravenously administered fat in adult and newborn dogs. Coran AG, et al.  
Surgery 66:922-8, Nov 69
- Surgical treatment of massive pulmonary embolism. Paneth M. Trans Med Soc London 85:27-31, 1969
- Effector mechanisms of skin homograft rejection in agammaglobulinemic chickens. Perey DY, et al.  
Transplantation 9:8-17, Jan 70
- [Treatment of threatening vascular occlusion using Rheomacrodex, heparin and Complamin] Leeman AM.  
Nederl T Geneesk 113:2271-2, 13 Dec 69 (Dut)
- [Streptokinase in the management of heart infarct] Vermeulen HJ, et al.  
Nederl T Geneesk 114:1159-60, 4 Jul 70 (Dut)
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al.  
Anesth Analg (Paris) 26:609-18, Jul-Aug 69 (Fre)
- [A case of cutaneous necrosis of external genitalia] Lagrot F, et al. Ann Chir 23:1267-71, Nov 69 (Fre)
- [Value of heparin in the treatment of meningococcal purpura fulminans. 3 cases] Charles J, et al.  
Ann Pediat (Paris) 17:553-9, Aug-Sep 70 (Fre)
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)
- [Treatment of acute arterial obliterations of the limbs] Cormier JM, et al.  
J Chir (Paris) 98:101-28, Jul-Aug 69 (Fre)
- [Treatment of spontaneous arterial aneurysms of the lower limbs: principles and methods] Olivier C, et al.  
J Chir (Paris) 98:32-5, Jul-Aug 69 (Fre)
- [A case of hemolytic uremic syndrome in adult. Favorable course after bilateral nephrectomy] Giromini M, et al.  
J Urol Nephrol (Paris) 75:955-60, Dec 69 (Fre)
- [Puerperal psychoses] Morin P, et al.  
Phlebologie 23:17-9, Jan-Mar 70 (Fre)
- [Graft rejection phenomenon and disseminated intravascular coagulation. Study of human heart transplantation] Baile Y, et al.  
Presse Med 77:1459-62, 11 Oct 69 (Fre)
- [Moschcowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)
- [Prevention of thrombo-embolic complications (100 patients with hip surgery)] Touzard RC.  
Sem Hop Paris 45:2481-3, 8 Oct 69 (Fre)
- [Prevention of hypertrophic scars following burns in children] Schoppa M.  
Aesthet Med (Berlin) 18:167-70, 20 Aug 69 (Ger)
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. Bibl Haemat 32:298-304, 1969 (Ger)
- [Permanent anticoagulant therapy and heparin administration in long-term dialysis] Froese P.  
Klin Wschr 47:1111-2, 15 Oct 69 (Ger)
- [Extracorporeal circulation with Edguate blood] Neef H. Thoraxchirurgie 18:128-34, Apr 70 (Ger)
- [On the effects of anticoagulant for ocular hemorrhage] Arisawa M.  
Folia Ophthal Jap 21:119-23, Feb 70 (Jap)
- [Regional intra-articular treatment of rheumatoid arthritis with different drugs, especially with immunosuppressive agents] Anastasescu G, et al.  
Med Intern (Bucur) 21:597-600, May 69 (Rum)
- [Effect of antibiotics of glycopeptide structure on the content of fibrinogen and fibrinolytic activity of blood] Ivleva AIA.  
Farmakol Toksik 32:719-23, Nov-Dec 69 (Rus)
- [Effect of antibiotics on the adhesive properties of thrombocytes] Zolotukhin SI, et al.  
Farmakol Toksik 32:460-3, Jul-Aug 69 (Rus)
- [Regional perfusion in the treatment of acute phlebotrombosis] Lebedeva GK, et al.  
Khirurgia (Moskva) 45:103-7, Jun 69 (Rus)
- [Complex treatment of acute venous thrombosis with the use of regional perfusion and infusion of anticoagulants and thrombolytic agents] Alekseev PP, et al. Sovet Med 32:17-21, 1969 (Rus)
- [Results of the intra-osseous method of treatment of thrombophlebitis of the lower extremities] Azimova RM. Sovet Zdravookhr Kirgiz 1:52-3, Jan-Feb 70 (Rus)
- [Effect of subconjunctival and retrobulbar administration of heparin on the arterial system of the eye] Kravchuk PIA, et al.  
Vestn Oftal 82:61-3, Jul-Aug 69 (Rus)
- [Experience in the application of heparin electrophoresis in the treatment of patients with coronary sclerosis and angina pectoris] Glagoleva NA.  
Vop Kurort Fizioter 34:37-40, 1969 (Rus)
- [Prevention of pulmonary embolism by surgical interruption of the vena cava] Cervantes J, et al.  
Arch Inst Cardiol Mex 39:645-54, Nov-Dec 69 (Spa)
- [The relation between lipoproteic lipase and metabolic-lipidic parameters. I. Normal people] Diogo Giannini S, et al.  
Rev Hosp Clin Fac Med S Paulo 25:23-32, Jan-Feb 70 (Spa)
- [Experience with the management of ischemic heart disease using antisclerotic doses of heparin] Haviar V, et al. Vnitri Lek 16:438-41, May 70 (Slo)

#### ADVERSE EFFECTS

- Anticoagulants in renal disease in children. Herdman RC, et al. Amer J Dis Child 119:27-35, Jan 70
- Iliacus muscle hematoma. A complication of heparin administration. Sigler L, et al.  
Angiology 21:114-5, Feb 70
- Heparin-induced thrombocytopenia. An unexpected



- response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- The problems of thrombosis in the deep veins of the leg. Kakkar VV. *Ann Roy Coll Surg Eng* 45:257-76, Nov 69
- Hemothorax. A complication of anticoagulant therapy. Hamaker WR, et al. *Ann Thorac Surg* 8:564-9, Dec 69
- Latent mediastinal tamponade after open-heart surgery. Hill JD, et al. *Arch Surg (Chicago)* 99:808-14, Dec 69
- Heparin therapy and its laboratory control. Pitney WR. *Brit J Haemat* 18:499-502, May 70 (18 ref.)
- Clinical experience with anticoagulant therapy during pregnancy. Hirsh J, et al. *Brit Med J* 1:270-3, 31 Jan 70
- Acute subdural hematoma during maintenance hemodialysis. Zarowny DP, et al. *Canad Med Ass J* 103:634, 26 Sep 70
- Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1-51, Jan 70 (114 ref.)
- The clinical, functional, and histologic response to heparin in chronic renal disease. Freedman P, et al. *Invest Urol* 7:398-409, Mar 70
- The epidemiology of digoxin. A study in three Boston hospitals. Shapiro S, et al. *J Chronic Dis* 22:361-71, Nov 69
- Bleeding patterns after open-heart surgery. Gomes MM, et al. *J Thorac Cardiovasc Surg* 60:87-97, Jul 70
- Closed-chest left heart bypass without anticoagulation. Wakabayashi A, et al. *J Thorac Cardiovasc Surg* 58:811-5, Dec 69
- Femoral neuropathy secondary to retroperitoneal hemorrhage. Cianci PE, et al. *JAMA* 210:1100-1, 10 Nov 69
- Surreptitious self-administration of heparin. Martin CM, et al. *JAMA* 212:475-6, 20 Apr 70
- Complications of intravenous administration of heparin in elderly women. Vieweg WV, et al. *JAMA* 213:1303-6, 24 Aug 70
- Free fatty acids and cardiac arrhythmias. Nelson PG. *Lancet* 1:783, 11 Apr 70
- Antepartum thrombophlebitis. Morbidity with long-term heparin and a proposed regimen of therapy. Mueller MJ Jr, et al. *Obstet Gynec* 34:874-80, Dec 69
- Consumptive coagulopathy, shock, and the artificial heart. DeVries WC, et al. *Trans Amer Soc Artif Intern Organs* 16:29-36, 1970
- [Error in the management of anticoagulant treatments which may explain various failures] Bourde C. *Angiologie* 21:359-60, Nov-Dec 69 (Fre)
- [Is it necessary to continue anticoagulant treatment over a long period? I. Its dangers] Audier M, et al. *Bull Acad Nat Med (Paris)* 153:274-9, 1969 (Fre)
- [A case of phlebitis in pregnancy necessitating prolonged heparin therapy, with meningeal hemorrhage in a newborn infant after quite normal labor] Guirán G. *Bull Fed Gynec Obstet Franc* 22:63, Jan-Mar 70 (Fre)
- [Venous thrombosis and tetanus] Villey R. *Phlebologie* 23:141-5, Apr-Jun 70 (Fre)
- [Side effect after administration of a heparin-heparinoid mixture in man] Hörder MH, et al. *Arzneimittelforschung* 19:1876-8, Nov 69 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Pathology of osteopathy following heparin therapy] Schuster J, et al. *Deutsch Med Wschr* 94:2334-8, 7 Nov 69 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Contrary influencing of the eosinophil count by heparin and heparinoids] Schuster J. *Med Exp (Basel)* 19:17-21, 1969 (Ger)
- [Heparin: a significant biological factor] Tarnawski A, et al. *Postepy Hig Med Dosw* 24:125-31, Jan-Feb 70 (Pol)
- ANALYSIS**
- Mechanism of the formation of mast-cell granules. II. Cell-free model. Csaba G. *Acta Biol Acad Sci Hung* 20:205-10, 1969
- The concentration and synthesis of glycosaminoglycans in the skin and tracheal cartilage of normal and orchidectomized rats injected with testosterone. Kofoed JA, et al. *Acta Endocr (Kobenhavn)* 63:193-8, Feb 70
- Mucosubstances in normal and in neoplastic mast cells of the dog. Mariano M. *Acta Histochem (Jena)* 36:14-23, 1970
- Fluorescence histochemical investigations of connective tissue. 3. Fluorescence histochemistry of the heparin content of mast cells. Módos L, et al. *Acta Morph Acad Sci Hung* 17:235-40, 1969
- Determination of molecular weight distribution of acid mucopolysaccharides by sephadex gel filtration. Constantopoulos G, et al. *Anal Biochem* 31:59-70, 1 Oct 69
- Determination of sulfate in glycosaminoglycans by gas-liquid chromatography. Srinivasan SR, et al. *Anal Biochem* 35:398-404, Jun 70
- Analysis of myocardial mucopolysaccharides in hyper- and hypothyroid rats and guinea-pigs. Von Knorring J. *Ann Med Exp Biol Fenn* 48:8-15, 1970
- Isolation and characterization of acid mucopolysaccharides of bovine periodontal membrane. Munemoto K, et al. *Arch Oral Biol* 15:369-82, May 70
- The glycosaminoglycans of neonatal rat skin. Hardingham TE, et al. *Biochem J* 117:813-8, May 70
- Evidence for the existence of a multichain proteoglycan of heparan sulphate. Jansson L, et al. *Biochem J* 117:699-702, May 70
- Attempted isolation of a heparin proteoglycan from bovine liver capsule. Lindahl U. *Biochem J* 116:27-34, Jan 70
- Stoichiometry of the nitrous acid deaminative cleavage of model amino sugar glycosides and glycosaminoglycuronans. Shively JE, et al. *Biochemistry (Wash)* 9:33-43, 6 Jan 70
- A new heparin assay. Ingram GI, et al. *Brit J Haemat* 17:612, Dec 69
- Glycosaminoglycans of the normal and frozen shoulder-joint capsule. Lundberg BJ. *Clin Orthop* 69:279-84, Mar-Apr 70
- Variation in acid mucopolysaccharide content of porcine muscles. Wipf VK, et al. *J Anim Sci* 30:360-3, Mar 70
- Acid mucopolysaccharides and porcine muscle quality. Wipf VK, et al. *J Anim Sci* 30:355-9, Mar 70
- Heparin rebound. A clinical study in cases of open heart surgery under cardiopulmonary bypass. Pardanani DS, et al. *J Postgrad Med* 16:26-32, Jan 70
- [The intermediate substance of the aorta in dissecting aneurysm in comparison with various diseases] Józsa L, et al. *Acta Biol Med German* 23:323-8, 1969 (Ger)
- [A more accurate determination of heparin. 2] Peter H, et al. *Arzneimittelforschung* 20:586-8, Apr 70 (Ger)
- [Mucopolysaccharide content of the human aorta during hyperthyroidism] Józsa L, et al. *Endokrinologie* 54:265-72, 1969 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al. *Thromb Diath Haemorrh* 23:347-59, 1970 (Ger)
- [Stromal mastocytosis of viral-induced transplantable adenocarcinomas of the rat] Fasske E, et al. *Z Krebsforsch* 73:75-86, 25 Sep 69 (Ger)
- [Chemical studies on chondroitin sulfate and heparan sulfate peptides from human aorta. IV] Klemer A, et al. *Z Naturforsch [B]* 24:1273-9, Oct 69 (Ger)
- [Cell division, relaxing factor and heparin] Kinoshita S. *J Jap Biochem Soc* 42:277-85, Jun 70 (32 ref.) (Jap)
- [Micromethods of determining the concentration of fibrinogen, fibrinolytic activity, heparin and antifibrinolysin in blood] Andreenko GV. *Lab Delo* 8:477-9, 1969 (Rus)
- [Modification of the micromethod of determining heparin in blood] Potemkina AM, et al. *Lab Delo* 8:488-90, 1969 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov IuI, et al. *Probl Endokr (Moskva)* 15:15-8, Jul-Aug 69 (Rus)
- [Basophilic granulocytes of blood in different conditions of organism. (Literature review)] Petrova TR. *Probl Gemat* 13:53-8, Jul 68 (70 ref.) (Rus)
- [A study of the mucopolysaccharide-thrombogenic mechanism predisposing to myocardial infarct] Ol'shevski V, et al. *Ter Arkh* 41:71-7, Jul 69 (Rus)
- [The blood coagulation system and cortisol metabolism in Itsenko-Cushing disease] Vaslukova EA, et al. *Ter Arkh* 41:85-8, Jul 69 (Rus)
- [State of enzymatic system in children in chronic toxic-allergic tonsillitis without concomitant diseases] Tamm LL, et al. *Vestn Otorinolaring* 31:101-5, Sep-Oct 69 (Rus)
- [Blood specimen collection for the determination of ammonia under clinical biochemical laboratory conditions] Clevárek Z, et al. *Bratisl Lek Listy* 53:666-71, 1970 (Slo)



## ANTAGONISTS &amp; INHIBITORS

- [Antagonistic effects of heparin and protamine sulfate on the electrophoretic mobility of blood platelets] Larcen A, et al.  
*Path Biol (Paris)* 17:729-32, Aug-Sep 69 (Fre)  
 [Histological and spectrophotometric studies on fluorescence microscopic determination of the "strength of metachromatropy" using acridine orange] Kawamoto M, et al.  
*Acta Histochem (Jena)* 33:238-46, 1969 (Ger)  
 [Basic principles anticoagulant therapy] Mammen EF.  
*Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)

## BIOSYNTHESIS

- Mechanism of the formation of mast-cell granules. 3. Self-regulating system of granule formation. Csaba G.  
*Acta Biol Acad Sci Hung* 20:211-8, 1969  
 The concentration and synthesis of glycosaminoglycans in the skin and tracheal cartilage of normal and orchidectomized rats injected with testosterone. Kofoed JA, et al.  
*Acta Endocr (Kobenhavn)* 63:193-8, Feb 70  
 Behaviour of mast cells in the skin of mice treated with benzpyrene. Csaba G, et al.  
*Acta Morph Acad Sci Hung* 18:17-22, 1970  
 The synthesis of sulphated mucopolysaccharide in mouse liver following carbon tetrachloride injury. II. Quantitation and partial characterization of extracted mucopolysaccharide. McGee JO, et al.  
*Brit J Exp Path* 50:527-32, Dec 69  
 [Mechanism of the action of the thyroid gland hormone on the blood coagulation capacity] Kirichuk VF.  
*Probl Endokr (Moskva)* 14:96-101, Jan-Feb 68 (Rus)

## BLOOD

- Heparin action on bleeding time and its rate of removal from blood in dogs and rabbits. Magalhães JR.  
*Acta Physiol Lat Amer* 19:243-8, 1969  
 Bodily defenses against thrombosis. Takats G de, et al.  
*Amer J Surg* 120:73-81, Jul 70  
 Coagulation defects and bleeding in open-heart surgery. Signori EE, et al.  
*Ann Thorac Surg* 8:521-9, Dec 69  
 Reduction of platelet adhesiveness in vitro by post-heparin plasma. Ham JM.  
*Aust J Exp Biol Med Sci* 47:755-7, Dec 69  
 The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. *Cor Vasa* 11:198-206, 1969  
 Some interrelationships of vasoactive substances and basophilic leukocytes in migraine headache. Thonnard-Neumann E. *Headache* 9:130-40, Oct 69  
 Immune reactions to Nippostrongylus brasiliensis in the rat. 3. Some pharmacological characteristics of primary and secondary immune response in vivo. Glertz H, et al. *Int Arch Allerg* 38:413-9, 1970  
 Heparin and histaminase release by anaphylatoxin in guinea pigs. Mitze R, et al.  
*Int Arch Allerg* 37:248-57, 1970  
 Circulating heparin-like substance after liver injury. Beck EA. *Lancet* 1:1287, 13 Jun 70  
 Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al.  
*Lancet* 2:665, 26 Sep 70  
 Circulating heparin-like substance following liver injury. Little JM, et al. *Lancet* 1:1055-6, 16 May 70  
 Heparin-exchange phenomenon. Zuck TF, et al.  
*Lancet* 2:210, 25 Jul 70  
 [Surgery under heparin. 3. Incomplete progressive neutralization of heparin at the end of extracorporeal circulation] Bailly Y, et al.  
*Agressologie* 11:87-93, 1970 (Fre)  
 [Effect of dextran therapy on endogenous heparin level, water-electrolyte metabolism and 17-ketosteroid excretion] Vallent K.  
*Chirurg* 40:171-4, Apr 69 (Ger)  
 [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E.  
*Folia Haemat (Leipzig)* 93:300-15, 1970 (Ger)  
 [On the behavior of a heparin-precipitable plasma fraction (H.P.F.) in dermatology] Bonelli U.  
*Arch Ital Derm Vener* 36:46-58, 1969 (Ita)  
 [Heparin precipitable fraction (HPF) in malignant tumors of the respiratory tract] Blaszczyk M, et al.  
*Gruzlica* 38:321-8, Apr 70 (Pol)  
 [Effect of sodium bromide on the activity of hemostatic substances] Iadova VM, et al.  
*Farmakol Toksik* 32:632-3, Sep-Oct 69 (Rus)  
 [Anticoagulative activity of salts of rare-earth elements] Lakin KM, et al.  
*Farmakol Toksik* 33:205-10, Mar-Apr 70 (Rus)  
 [Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the patient's age, degree and length of illness] Feniuk EV.  
*Kardiologiya* 8:70-3, Dec 68 (Rus)  
 [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al.  
*Kardiologiya* 9:106-10, Aug 69 (Rus)  
 [The significance of thromboelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.  
*Khirurgiya (Moskva)* 45:60-5, Jun 69 (Rus)  
 [The blood coagulation in patients with peptic ulcer during acute hemorrhage] Belousov AS, et al.  
*Khirurgiya (Moskva)* 45:58-62, May 69 (Rus)  
 [Heparin activity of the blood in anicteric and indistinct forms of infectious hepatitis] Fedenko NN.  
*Klin Med (Moskva)* 47:74-6, Nov 69 (Rus)  
 [Dynamics of various neuro-humoral indices in bronchial asthma in children] Potemkina AM.  
*Pediatrics* 48:86-91, Sep 69 (Rus)  
 [Indices of the activity of heparin, histamine and serotonin in healthy children, 4-15 years of age] Potemkina AMk, et al.  
*Pediatrics* 49:18-22, Jun 70 (Rus)  
 [Mechanism of the action of the thyroid gland hormone on the blood coagulation capacity] Kirichuk VF.  
*Probl Endokr (Moskva)* 14:96-101, Jan-Feb 68 (Rus)  
 [Reflex effects from the thyroid gland on the blood coagulation] Kirichuk VF.  
*Probl Endokr Gormonoter* 13:79-84, Jan-Feb 67 (Rus)  
 [Heparin activity, fibrinolysis and vascular state in a cerebral form of hypertensive disease] Kukhtevich II, et al. *Soviet Med* 33:28-32, 1970 (Rus)  
 [Blood coagulation in Cushing's and Addison's disease] Pisarskaia IV, et al. *Soviet Med* 32:118-21, Aug 69 (Rus)  
 [Disorders of capillary permeability in patients with arteriosclerosis and hypertension] Dzizinski AA, et al. *Ter Arkh* 42:21-4, Jan 70 (Rus)  
 [Effect of mercurial diuretics on heparin contents fibrinolysis and activity of blood fibrin stabilizing factor in patients with cardiovascular diseases] Kaznacheev VP, et al. *Ter Arkh* 42:83-6, Jan 70 (Rus)  
 [Indices of the coagulation and anticoagulation system of the blood under the influence of proteolytic enzyme treatment of patients with chronic nonspecific processes in the lung] Komarova IA.  
*Ter Arkh* 41:84-6, Mar 69 (Rus)  
 [The effect of Matsesta baths in the general complex of health resort therapy on the content of heparin and beta-lipoproteins in the blood serum of patients with atherosclerosis] Podobedova NS.  
*Vop Kurort Fizioter* 34:255-6, May-Jun 69 (Rus)  
 [Indices of heparin profile in maternal and fetal blood in normal and prolonged pregnancy] Kellin SL, et al.  
*Vop Okhr Materin Dets* 14:66-9, Nov 69 (Rus)  
 [Lipid and blood coagulation indices in residents of the Latvian SSR as a function of nutritional status] Zhikhare LI, et al.  
*Vop Pitani* 28:33-7, Sep-Oct 69 (Rus)  
 [Clinical significance of some indices of blood coagulation and anticoagulation system in acute bacillary dysentery] Keshishian SG.  
*Zh Eksp Klin Med* 9:67-70, 1969 (Rus)

## DIAGNOSTIC USE

- A new mechanism of exogenous hyperglyceridemia. Glueck CJ, et al. *Ann Intern Med* 71:1051-62, Dec 69  
 Familial type IV hyperlipoproteinemia. Schreibleman PH, et al. *New Eng J Med* 281:981-5, 30 Oct 69  
 The specific property of paraprotein lipids in serum concerning the heparin clearing effect. Keler-Bachok M. *Z Klin Chem* 8:9-11, Jan 70  
 [Changes of some indicators of lipid metabolism following short term administration of Biogest to fertile non-pregnant women and in the 1st trimester of pregnancy] Fabian E, et al.  
*Cas Lek Cesk* 108:1466-9, Nov 69 (Cze)  
 [Study of heparin 35 maximum sedimentation rate in cardiovascular diseases] Pawlotsky Y, et al.  
*Arch Mal Coeur* 62:1155-67, Aug 69 (Fre)  
 [Cutaneous changes in patients with cryolabile and hydrolyzable blood proteins] Meters HG, et al.  
*Arch Klin Exp Derm* 237:395-401, 1970 (Ger)  
 [On the diagnosis of consumption coagulopathies] Heene DL. *Bibl Haemat* 32:270-80, 1969 (Ger)



- [Effect of Glyvenol on platelet adhesiveness and various coagulation parameters] Svehlia C, et al. *Int Z Klin Farmakol Ther Toxik* 2:226-8, Jul 69 (Ger)
- [The in vitro heparin tolerance test in hyperthyroidism] Girolami A, et al. *Folia Endocr (Roma)* 22:166-78, Apr 69 (Ita)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al. *Kardiologia* 9:106-10, Aug 69 (Rus)
- [Relationship between the sympathico-adrenal and blood coagulation systems in burns] Glants RM, et al. *Klin Med (Moskva)* 47:79-84, Jul 69 (Rus)
- [Urine fibrinolytic activity (urokinase) in patients with coronary disease] Panchenko VM. *Klin Med (Moskva)* 47:52-5, Jul 69 (Rus)
- [Indices of heparin profile in maternal and fetal blood in normal and prolonged pregnancy] Keilin SL, et al. *Vop Okhr Materin Dets* 14:66-9, Nov 69 (Rus)
- [Functional state of the liver in chronic kidney insufficiency] Pyrnig LA. *Vrach Delo* 7:66-70, Jul 69 (Rus)
- [Control of dicoumarol therapy by means of in vitro heparin tolerance test and thrombelastography] Cahizares C, et al. *Sangre (Barc)* 15:170-5, 1970 (Spa)

## ISOLATION & PURIFICATION

- Electrophoretic separation of two thrombin inhibitors in plasma and serum. Ganrot PO. *Scand J Clin Lab Invest* 24:11-4, Aug 69

## METABOLISM

- The release of histamine, heparin and granule protein from rat mast cells treated with compound 48-80 in vitro. Fillion GM, et al. *Acta Physiol Scand* 78:547-60, Apr 70
- The relationship between endometrial mast cell count and bleeding in women following insertion of an intrauterine device. Mehra U, et al. *Amer J Obstet Gynec* 107:852-6, 15 Jul 70
- Intestinal absorption of heparin. Koh TY. *Canad J Biochem* 47:951-4, Oct 69
- A quantitative electron histochemical estimation of ruthenium red binding to heparin in mast cell granules. Pihl E. *Histochemie* 22:302-15, 1970
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al. *J Colloid Interface Sci* 31:188-95, Oct 69
- Intestinal absorption of heparin: a study of the interactions of components of oil-in-water emulsions. Engel RH, et al. *J Pharm Sci* 58:1372-5, Nov 69
- Arterial and mixed-venous differentials of free fatty acid-free fatty acid production in pulmonary circulation. Wada M, et al. *Jap Circ J* 34:1-6, Jan 70
- Production of heparin related mucopolysaccharides by mammalian cells in culture. Dietrich CP, et al. *Proc Soc Exp Biol Med* 134:955-62, Sep 70
- Properties of purified hyaluronidases from cultured dental plaque material. Nord CE. *Svensk Tandlak T* 63:193-203, Mar 70
- The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54. FitzGerald DE. *Thromb Diath Haemorrh* 22:569-74, 31 Dec 69
- [Effect of estrogens on the activity of enzymes of lipid metabolism-lipoprotein lipases and postheparin esterases] Fabian E, et al. *Cas Lek Cesk* 108:1277-80, Oct 69 (Cze)
- [Mucopolysaccharide content of the human aorta during hyperthyroidism] Józsa L, et al. *Endokrinologie* 54:265-72, 1969 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Blood coagulation studies in cord blood: fetal fibrinogen?] Gmür J, et al. *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)
- [Mast cell physiopathology] Barbarossa C. *Minerva Med* 61:582-6, 14 Feb 70 (Ita)
- [Cell division, relaxing factor and heparin] Kinoshita S. *J Jap Biochem Soc* 42:277-85, Jun 70 (32 ref.) (Jap)
- [Heparin: a significant biological factor] Tarnawski A, et al. *Postepy Hig Med Dosw* 24:125-31, Jan-Feb 70 (Pol)
- [Clinical aspects of systemic proliferation of giant cells (giant cell reticulosis)] Geller LI. *Klin Med (Moskva)* 47:17-21, Jun 69 (116 ref.) (Rus)
- [State of enzymatic system in children in chronic toxico-allergic tonsillitis without concomitant

- diseases] Tamm LIA, et al. *Vestn Otorinolaring* 31:101-5, Sep-Oct 69 (Rus)
- [Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al. *Vop Pitani* 28:25-7, Jul-Aug 69 (Rus)

## PHARMACODYNAMICS

- Diamine oxidase (histaminase) in human pregnancy. The activity of the enzyme in lymph and in blood plasma and the effect of heparin on the latter. Hansson R, et al. *Acta Obstet Gynec Scand* 48:8-18, 1969
- Spontaneous and experimental thrombosis in the mouse placenta. Moe N. *Acta Path Microbiol Scand* 77:653-75, 1969
- Tumour growth and spontaneous metastasis spread in two syngeneic systems. Hagmar B. *Acta Path Microbiol Scand [A]* 78:131-42, 1970
- Experimental tumour metastases and blood coagulability. Hagmar B. *Acta Path Microbiol Scand [Suppl]* 211:Suppl 211:5+, 1970
- Heparin action on bleeding time and its rate of removal from blood in dogs and rabbits. Magalhães JR. *Acta Physiol Lat Amer* 19:243-8, 1969
- The effect of heparin and some related agents on diamine oxidase in rabbit blood plasma. Hansson R, et al. *Acta Physiol Scand* 78:539-46, Apr 70
- Diamine oxidase in blood plasma in some vertebrates and *Anodonta cygnea* before and after injection of heparin. Hansson R, et al. *Acta Physiol Scand* 74:533-42, Dec 68
- Inhibition of thromboplastin-induced intravascular coagulation by heparin and Trasylol. Nordström S. *Acta Physiol Scand* 79:390-404, Jul 70
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. *Acta Physiol Scand Suppl* 337:1+, 1970
- A rapid bedside method for the control of heparin therapy. Blakely JA. *Amer Heart J* 78:838-9, Dec 69
- Stability of blood in commonly used anticoagulants. Use of refrigerated blood for quality control of the Coulter Counter Model S. Brittin GM, et al. *Amer J Clin Path* 52:690-4, Dec 69
- Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ. *Amer J Physiol* 218:389-95, Feb 70
- Pulmonary changes following ischemia of the lower extremities and their treatment. Stallone RJ, et al. *Amer Rev Resp Dis* 100:813-23, Dec 69
- Coagulation and metabolic changes during hemorrhagic shock. Bit-Alkhas Irani B, et al. *Angiology* 21:161-71, Mar 70
- A new mechanism of exogenous hyperglyceridemia. Glueck CJ, et al. *Ann Intern Med* 71:1051-62, Dec 69
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- Polydispersity of human low-density lipoproteins. Adams GH, et al. *Ann NY Acad Sci* 164:130-46, 7 Nov 69
- Inhibitors of adrenal steroid biosynthesis. Temple TE, et al. *Ann Rev Pharmacol* 10:199-218, 1970 (122 ref.)
- Metabolic results of parenteral feeding in neonatal surgery: a balanced parenteral feeding program based on a synthetic l-amino acid solution and a commercial fat emulsion. Borresen HC, et al. *Ann Surg* 172:291-301, Aug 70
- Dengue virus plaque development in simian cell systems. II. Agar variables and effect of chemical additives. Stim TB. *Appl Microbiol* 19:757, May 70
- Inactivation of energy-linked functions of chloroplasts by polyanions at low pH. Polya GM, et al. *Arch Biochem* 138:540-50, Jun 70
- Association of phospholipid-cholesterol micelles with rat heart mitochondria: stimulators and inhibitors. Dobiasova M, et al. *Arch Ges Virusforsch* 29:445-51, 1970
- High mutation rate of foot-and-mouth disease virus treated with hydroxylamine. Maes R, et al. *Arch Ges Virusforsch* 29:77-82, 1970
- Quantitative determination of heparin released lipoprotein lipase activity in human plasma. Oberg J. *Arch Ges Virusforsch* 29:452-6, 1970
- An experimental study of current therapeutic approaches to endotoxin shock. Evangelista BS, et al. *Arch Int Pharmacodyn* 180:57-67, Jul 69
- Effect of heparin, protamine sulfate and antigen on histaminase (diamine oxydase) activity of the guinea



- pig liver. Hahn F, et al.  
Arch Int Pharmacodyn 180:195-205, Jul 69
- The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemacel and Rheomacrodex. Trede M. Bibl Haemat 33:553-68, 1969
- Micro-analysis of pure deoxyribonucleic acid-dependent ribonucleic acid polymerase from *Escherichia coli*. Action of heparin and rifampicin on structure and function. Neuhoof V, et al.  
Biochem J 117:623-31, Apr 70
- Triglyceride breakdown in rat liver. The demonstration of three different lipases. Guder W, et al.  
Biochim Biophys Acta 187:173-85, 1969
- Inhibition of lipolytic processes in rat adipose tissue by antimalaria drugs. Markus HB, et al.  
Biochim Biophys Acta 187:486-91, 17 Dec 69
- Heparin-accelerated inhibition of activated factor X by its natural plasma inhibitor. Yin ET, et al.  
Biochim Biophys Acta 201:387-90, 24 Feb 70
- Summit metabolism in young lambs. Effect of hormones and drugs that affect mobilization and utilization of substrate for cold-induced thermogenesis. Alexander G.  
Biol Neonate 15:37-48, 1970
- Complexing of transcobalamin 2 and apparent combination with heparin. Cooper BA.  
Blood 35:829-37, Jun 70
- A closed system for large-scale lymphocyte purification. Woods AH. Blood 35:39-43, Jan 70
- Flare and rash reactions in contact allergy of the guinea-pig. Jansen LH, et al.  
Brit J Derm 83:Suppl:48-55, 1970
- The effects of heparin and dextran sulphate on cultured mouse limb bones. Ellis HA, et al.  
Brit J Exp Path 51:43-52, Feb 70
- Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)
- The dissociation in vitro of the alpha- and beta-lipoprotein components of human and rat very low density lipoproteins. Kook AI, et al.  
Canad J Biochem 48:712-24, Jun 70
- Activation of lipoprotein lipase. Comparative study of man and other mammals. Whayne TF Jr, et al.  
Circ Res 26:545-51, May 70
- Immunoelectrodiffusional determination of beta-lipoproteins in the plasma of heparin-treated patients. Tinterova Z, et al.  
Clin Chim Acta 26:583, Dec 69
- On the reactions of human synovial cells exposed to homologous leucocytes in vitro. Fraser JR, et al.  
Clin Exp Immun 6:211-25, Feb 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)
- Experimental thrombosis in venous autotransplants caused by slowing of the stream and eddies of the blood flow. Orlov AG. Cor Vasa 12:75-9 passim, 1970
- Some effects of intravenously administered dispersed fluorochemicals in animals. Sloviter HA, et al.  
Fed Proc 29:1755-7, Sep-Oct 70
- Rate of synthesis and stability of DNA in bone marrow cells incubated with heparin. Beneš L, et al.  
Folia Biol (Praha) 16:196-204, Jun 70
- Induction of phagocytosis of iron colloid by Ehrlich ascites tumor cells with polycationic substances. Yokomura E. Gann 60:439-47, Aug 69
- Studies with antibodies to gastrin. Radioimmunoassay in human serum and physiological studies. McGuigan JE, et al. Gastroenterology 58:139-50, Feb 70
- Response of the sensitized heart to oxidized and reduced streptolysin O. Prager DJ, et al.  
Int Arch Allerg 38:175-84, 1970
- Evidence for effects of heparin on cell surfaces influencing experimental metastases. Hagmar B, et al.  
Int J Cancer 5:72-84, 15 Jan 70
- A nonthrombogenic diffusion membrane for continuous in vivo measurement of blood gases by mass spectrometry. Brantigan JW, et al.  
J Appl Physiol 28:374-7, Mar 70
- Effect of extended infusion of a low dose of heparin on plasma FFA levels. Baker RM, et al.  
J Clin Endocr 30:870-1, May 70
- Effect of insulin and acute diabetes on plasma FFA and ketone bodies in the fasting rat. Bieberdorf FA, et al.  
J Clin Invest 49:1685-93, Sep 70
- Ionized calcium in normal serum, ultrafiltrates, and whole blood determined by ion-exchange electrodes. Moore EW. J Clin Invest 49:318-34, Feb 70
- Effect of heparin on reactions at aminated polymer-blood interfaces. Vroman L, et al.  
J Colloid Interface Sci 31:188-95, Oct 69
- In vitro inhibition of glycolysis in blood and its effect on the haematocrit. Anderson DM.  
J Comp Path 79:525-35, Oct 69
- Immunology of nerve growth factor (NGF). The effect of NGF-antisera on sensory ganglia in vitro. Hoffman H. J Embryol Exp Morph 23:273-87, Apr 70
- Course of air-borne infection caused by B virus (*Herpesvirus simiae*). 5. Significance of viraemia and role of blood leucocytes of B-virus, particularly air-borne infection of rabbits. Benda R, et al.  
J Hyg Epidemiol (Praha) 14:27-35, 1970
- Comments on the leucocyte migration technique as an in vitro method for demonstrating cellular hypersensitivity in man. Bendixen G, et al.  
J Immun 104:1551-2, Jun 70
- The effect of fumaropimaric acid on delayed hypersensitivity and cutaneous Forssman reactions in the guinea pig. Feinman L, et al.  
J Immun 104:1401-5, Jun 70
- Measurement of rubella antibody by hemagglutination inhibition. II. Characteristics of an improved HAI test employing a new method for the removal of non-immunoglobulin HA inhibitors from serum. Liebhafner H. J Immun 104:826-34, Apr 70
- Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y.  
J Lab Clin Med 75:355-61, Mar 70
- Effect of fasting on the clearing factor lipase (lipoprotein lipase) activity of fresh and defatted preparations of rat heart muscle. Borensztajn J, et al.  
J Lipid Res 11:102-10, Mar 70
- The effect of fasting on the utilization of chylomicron triglyceride fatty acids in relation to clearing factor lipase (lipoprotein lipase) releasable by heparin in the perfused rat heart. Borensztajn J, et al.  
J Lipid Res 11:111-7, Mar 70
- Influence of heparin on the removal of serum lipoprotein lipase by the perfused liver of the rat. Naito C, et al. J Lipid Res 11:48-53, Jan 70
- Physicochemical responses to heparin in non-pregnant, normal pregnant, and eclamptic patients. Nelson GH, et al. J Obstet Gynaec Brit Comm 77:359-64, Apr 70
- Effects of sedation and supination in chronic animal experiments. Ratliff JL, et al.  
J Surg Res 10:19-23, Jan 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. J Trauma 10:287-98, Apr 70
- Kinetics of the anticoagulant effect of heparin. Estes JW. JAMA 212:1492-5, 1 Jun 70
- Pathophysiological studies on postalbuminemia lipemia in coronary sclerosis by means of electrocardiogram. Matsuo T. Jap Circ J 33:713-23, Jul 69
- Effect of oral contraceptives on lipoprotein lipase activity and platelet stickiness. Adams JH, et al.  
Lancet 2:333-5, 15 Aug 70
- Consumption of coagulation material by heparin. Godal HC. Lancet 2:50, 4 Jul 70
- Serum-insulin or plasma-insulin? Henderson JR.  
Lancet 2:545-7, 12 Sep 70
- Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P.  
Lancet 2:920-2, 1 Nov 69
- Free fatty acids and cardiac arrhythmias. Nelson PG.  
Lancet 1:783, 11 Apr 70
- Chemical contraction and relaxation of tail tendon collagen after heparin administration in rats of different ages. Stuchlikova E, et al.  
Life Sci 8:57-64, 1 Jan 69
- Correlation between post-heparin lipase and phospholipase activities in human plasma. Vogel WC, et al. Lipids 5:385-91, Apr 70
- Effect of other drugs on oral anticoagulants. Awalt LF.  
Maryland Med J 18:103-4, Oct 69
- Heparin-ascorbic acid antagonism. Owen CA Jr, et al.  
Mayo Clin Proc 45:140-5, Feb 70
- Catecholamines, disseminated intra-vascular coagulation and shock. Haimagyl DF.  
Med J Aust 1:1020, 16 May 70
- Effect of heparin on the detection of human isoantigens



- by the cytotoxicity technique. Oren ME, et al. *Nature (London)* 225:951-2, 7 Mar 70
- Effect of collagen and acid polysaccharides on the growth of BHK-21 cells in semi-solid media. Sanders FK, et al. *Nature (London)* 227:513-5, 1 Aug 70
- Coagulation nondisease. Bark CJ. *New Eng J Med* 282:1214, 21 May 70
- More coagulation nondisease. Ginsburg AD. *New Eng J Med* 283:47-8, 2 Jul 70
- Bleeding after cardiac catheterization. Komp DM, et al. *New Eng J Med* 281:1246, 27 Nov 69
- Mastocytoma and gastroduodenal ulceration. Gastric and duodenal ulcers in dogs with mastocytoma. Howard EB, et al. *Path Vet (Basel)* 6:146-58, 1969
- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)
- Synthesis and effects on biological membranes of some oligomeric basic peptides and cations (interactions with vascular permeability, oxidative phosphorylation and histamine liberation). Lutz F, et al. *Pharmacology (Basel)* 2:271-80, 1969
- The effect of desmethylinipramine and theophylline on plasma free fatty acids and blood glucose in rats. Page JG. *Pharmacology (Basel)* 3:6-14, 1970
- The effect of haematocrit and anticoagulants on the rate of packing of erythrocytes by a centrifuge. Rampling M, et al. *Phys Med Biol* 15:15-21, Jan 70
- Attempted suppression of the interferon response in the mouse. Borden EC, et al. *Proc Soc Exp Biol Med* 134:865-9, Jul 70
- Inhibition of postheparin lipolytic activity in uremia and its relationship to hypertriglyceridemia. Boyer JL, et al. *Proc Soc Exp Biol Med* 134:803-5, Jul 70
- Influence of altered reticuloendothelial function on vascular clearance and tissue distribution of S. enteritidis endotoxin. DiLuzio NR, et al. *Proc Soc Exp Biol Med* 132:686-90, Nov 69
- The depletion and restoration of post-heparin lipolytic activity in the human forearm. Nestel PJ. *Proc Soc Exp Biol Med* 134:896-9, Jul 70
- Diethylaminoethyl-dextran enhancement of interferon induction by a complexed polyribonucleotide. Tilles JG. *Proc Soc Exp Biol Med* 133:1334-41, Apr 70
- Effect of heparin administration on plasma growth hormone concentrations. Tsushima T, et al. *Proc Soc Exp Biol Med* 133:1084-7, Mar 70
- Enhancement of viral infectivity with DEAE-dextran: application to development of vaccines. Pagano JS, et al. *Progr Immunobiol Stand* 3:152-8, 1969
- Modification of the phospholipids structure of platelets through the action of heparin. Aznar J. *Rev Esp Fisiol* 25:87-91, Jun 69
- The effect of agents altering haemostasis on the evolution of tumours in mice. Bresson ML, et al. *Rev Europ Etud Clin Biol* 15:442-3, Apr 70
- In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al. *Scand J Clin Lab Invest* 24:383-5, Dec 69
- Diamine oxidase isoenzymes in human blood plasma. Hansson R. *Scand J Clin Lab Invest* 25:33-9, Jan 70
- A methodological study of human leucocyte adhesiveness to glass beads. Kvarstein B. *Scand J Clin Lab Invest* 23:259-70, May 69
- Cytoplasmic microtubules and radial-segmented nuclei (Rieder cells). Effects of vinblastine, sulfhydryl reagents, heparin and caffeine. Norberg B. *Scand J Haemat* 6:312-8, 1969
- Some effects of pH and temperature upon normal human red cell adenosine triphosphate. Scott GL, et al. *Scand J Haemat* 6:227-35, 1969
- Studies of bile as a suspending medium and its relationship to gallstone formation. Ostrowitz A, et al. *Surgery* 68:329-33, Aug 70
- The effect of heparin in experimental fat embolism. Ross AP. *Surgery* 66:765-7, Oct 69
- Effects of chemical compounds upon current induced thrombosis in rat mesenteric vessels. Aaron RK, et al. *Thromb Diath Haemorrh* 23:621-6, 30 Jun 70
- The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54. FitzGerald DE. *Thromb Diath Haemorrh* 22:569-74, 31 Dec 69
- Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Lipiński B. *Thromb Diath Haemorrh* 22:401-2, 15 Nov 69
- The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al. *Thromb Diath Haemorrh* 36:Suppl 36:151+, 1969
- Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Meiliger EJ. *Thromb Diath Haemorrh* 23:211-27, 1970
- Reticuloendothelial function and blood coagulation in rats. Pechet L, et al. *Thromb Diath Haemorrh* 22:508-12, 31 Dec 69
- The appearance and destruction of platelet-clumping substance in serum added with trypsin. Yamazaki H, et al. *Thromb Diath Haemorrh* 23:469-76, 30 Jun 70
- Assessment of damage to human platelets after aggregation and other injuries by microscopic observation and estimation of serotonin uptake. Zbinden G, et al. *Thromb Diath Haemorrh* 23:261-75, 1970
- Method for study of snake venom induced hemorrhages. Bonta IL, et al. *Toxicon* 8:3-10, May 70
- Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al. *Toxicon* 7:181-4, Nov 69
- Inconsequentiality of surface properties for initial platelet adhesion. Friedman LI, et al. *Trans Amer Soc Artif Intern Organs* 16:63-73, 1970
- Plasma exchange transfusion for hepatic coma. New technic. Graw RG Jr, et al. *Transfusion* 10:26-32, Jan-Feb 70
- Prevention of outflow block of the canine liver during transplantation. Dionigi R, et al. *Transplantation* 9:76-8, Jan 70
- Heparin and aspirin in the treatment of hyperacute rejection of renal allografts in presensitized dogs. Macdonald A, et al. *Transplantation* 9:1-7, Jan 70
- The viscosity of equine blood plasma: a new non-specific test. Archer RK, et al. *Vet Rec* 86:360-3, 28 Mar 70
- Alpha-amanitin, a specific inhibitor of transcription by mammalian RNA-polymerase. Selfart KH, et al. *Z Naturforsch [B]* 24:1538-44, Dec 69
- [Effect of blood flow on the heparinized surface] Brala Z. *Cesk Fysiol* 18:199-201, Dec 69 (Cze)
- [Ovarian hormones and activity of lipolytic enzymes] Kobilková J, et al. *Cesk Gynek* 34:586-9, Dec 69 (Cze)
- [Effect of dexamethasone on the lipoprotein lipase and postheparin esterase activity in cirrhotic patients] Stork A, et al. *Sborn Lek* 71:315-8, Dec 69 (Cze)
- [Control of plasminemia in the coagulation in arterial surgery] Courbier R, et al. *Agressologie* 10:493-7, 1969 (Fre)
- [Application of continuous analysis to the study of variations in the glucose level of the portal blood during digestion in the pig] Aumaitre A, et al. *C R Acad Sci [D] (Paris)* 268:717-20, 27 Jan 69 (Fre)
- [Blood platelets and the structure of blood vessels] Hugues J. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)
- [Antagonistic effects of heparin and protamine sulfate on the electrophoretic mobility of blood platelets] Larcen A, et al. *Path Biol (Paris)* 17:729-32, Aug-Sep 69 (Fre)
- [Myocardial metabolism of non-esterified fatty acids] Warembourg H, et al. *Path Biol (Paris)* 17:559-64, Jun-Jul 69 (Fre)
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al. *Presse Med* 77:1427-8, 4 Oct 69 (Fre)
- [Dextran and dynamic coagulation] Raby C, et al. *Presse Med* 77:1819-20, 22 Nov 69 (Fre)
- [The macrocytic regeneration of erythropoiesis. Animal experimental studies on phenylhydrazine hemolysis] Becker H, et al. *Acta Haemat (Basel)* 43:144-71, 1970 (Ger)
- [Blood sedimentation and hematocrit of chicken blood with different anticoagulants] Schellner HP. *Berlin Munchen Tierarztl Wschr* 82:233-6, 15 Jun 69 (Ger)
- [On the formation of thrombocyte aggregates in preserved blood and the hazards of blood transfusion caused by this condition] Neuhoef H, et al. *Bibl Haemat* 32:288-91, 1969 (Ger)
- [Effect of neonatally administered heparin treatment on the thymus, spleen, liver, histological appearance of the adrenal cortex, circulating lymphocyte count, serum protein, Na, K content and growth of rats] Vallent K, et al. *Endokrinologie* 54:215-24, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al. *Folia Haemat (Leipzig)* 92:529-32, 1969 (Ger)
- [Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)



- [Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Experimental studies on fat embolism] Heller W, et al. *Langenbecks Arch Chir* 325:314-22, 1969 (Ger)
- [Anticoagulants. 43] Striegler G. *Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)
- [The action of contrast media employed in aortography and coronary radiography on the central nervous system] Szlávy L, et al. *Radiol Clin (Basel)* 38:406-15, 1969 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. *Thromb Diath Haemorrh* 22:552-68, 31 Dec 69 (Ger)
- [Influence of heparin on oxydative phosphorylation of the myocardium in humans and animals] Haviar V, et al. *Verh Deutsch Ges Kreislaufforsch* 35:389-92, 1969 (Ger)
- [Effect of deoxyribonucleic acid and heparinoid compounds on nucleic acid metabolism of the mouse] Tempel K. *Z Naturforsch [B]* 24:1550-5, Dec 69 (Ger)
- [Action of heparin on immunohemolysis in vitro] Di Perri T, et al. *Boll Soc Ital Biol Sper* 45:483-5, 30 Apr 69 (Ita)
- [Action of heparin and protamine sulfate on immunohemolysis in vitro] Di Perri T, et al. *Boll Soc Ital Biol Sper* 45:488-9, 30 Apr 69 (Ita)
- [Action of heparin and protamine sulfate on serum complement activity and on rejection phenomenon in experimental skin heterotransplants] Di Perri T, et al. *Boll Soc Ital Biol Sper* 45:1083-5, 31 Aug 69 (Ita)
- [Action of the heparin-protamine complex on serum complement. Research in vitro and in vivo] Di Perri T, et al. *Boll Soc Ital Biol Sper* 45:1085-7, 31 Aug 69 (Ita)
- [Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al. *Farmaco [Prat]* 24:552-61, Sep 69 (Ita)
- [Changes in bleeding time in rats induced with local application of adenosine and its derivatives and other substances] Gibelli A, et al. *Minerva Med* 60:4927-30, 8 Dec 69 (Ita)
- [Hormone sensitive lipase] Matsuhara Y. *Folia Endocr Jap* 46:163-75, 20 May 70 (Jap)
- [Pharmacological studies of adenosine 3',5'-monophosphate and related compounds. 1. Effects of adenosine 3',5'-monophosphate and N6-2'-O-dibutyl 3',5'-adenosine monophosphate on the renal function] Abe Y. *Folia Pharmacol Jap* 65:161-75, 20 May 69 (Jap)
- [Renin inhibitors] Kokubu T, et al. *Jap J Clin Med* 28:561-74, 10 Mar 70 (38 ref.) (Jap)
- [Preservation of the erythrocyte for examination and morphological study] Kurokawa I, et al. *Jap J Clin Path* 17:675-82, Sep 69 (Jap)
- [Determination of unsaturated iron-binding capacity using "Irosorb-59"] Matsubara T, et al. *Saishin Igaku* 24:2340-6, Nov 69 (Jap)
- [Measuring the arterial blood pressure and respiration by means of mechano-electronic transducers] Korczak K, et al. *Acta Physiol Pol* 21:599-609, Jul-Aug 70 (Pol)
- [Heparin: a significant biological factor] Tarnawski A, et al. *Postepy Hig Med Dosw* 24:125-31, Jan-Feb 70 (Pol)
- [Considerations on non-specific inhibitors of streptolysin "O"] Burdea M, et al. *Med Intern (Bucur)* 21:725-30, Jun 69 (Rum)
- [Influence of heparin on plasmatic lipoproteins in patients with coronary arteriosclerosis] Babel E, et al. *Stud Cercet Med Intern* 10:537-46, 1969 (Rum)
- [Influence of heparin on osmotic resistance of erythrocytes in normal subjects and in patients with coronary arteriosclerosis] Babel E, et al. *Stud Cercet Med Intern* 11:61-6, 1970 (Rum)
- [Genetic aspects of the post-heparin lipolytic activity of the plasma in atherosclerosis] Popescu TA, et al. *Stud Cercet Med Intern* 10:251-6, 1969 (Rum)
- [Reflex afibrinogenemia] Lomazova KhD. *Biull Eksp Biol Med* 69:16-9, Jan 70 (Rus)
- [Effect of antibiotics of glycopeptide structure on the content of fibrinogen and fibrinolytic activity of blood] Ivleva AlA. *Farmakol Toksik* 32:719-23, Nov-Dec 69 (Rus)
- [Apparatus for automatic determination of blood tolerance to heparin] Lakin KM, et al. *Farmakol Toksik* 33:371-6, May-Jun 70 (Rus)
- [Effect of heparin antagonists on its ability to form gels in tissue homogenates] Sergeev PV, et al. *Farmakol Toksik* 32:718-9, Nov-Dec 69 (Rus)
- [Quantitative fluctuations in basophils of the peripheral blood and bone marrow in hypercholesteremia and experimental heparin loading] Krylov AA. *Kardiologiya* 9:107-9, Dec 69 (Rus)
- [Adhesive properties of thrombocytes in patients with arteriosclerosis] Nikitin IuP, et al. *Kardiologiya* 10:108-10, May 70 (Rus)
- [Effect of heparin on blood lipolytic and coagulation activity in patients with hypertensive disease] Oleinik NI. *Klin Med (Moskva)* 47:75-9, Jul 69 (Rus)
- [Does heparin exert any influence on the secretion of tissue blood coagulating factors from vascular walls?] Mishchenko VP. *Pat Fiziol Eksp Ter* 14:45-9, Jan-Feb 70 (Rus)
- [Pharmacodynamics of heparin in diabetes mellitus] Geller LL, et al. *Probl Endokr (Moskva)* 15:22-4, Sep-Oct 69 (Rus)
- [Effect of heparin on the development of Bordet's phenomenon] Krasnoperov FT, et al. *Probl Tuberk* 48:82, 1970 (Rus)
- [Effect of small doses of heparin in a complex treatment of patients with pneumocarditis on the blood coagulation and fibrinolytic system] Aizenberg AA, et al. *Sovet Med* 32:33-9, Feb 69 (Rus)
- [Disorders of capillary permeability in patients with arteriosclerosis and hypertension] Dzizinski AA, et al. *Ter Arkh* 42:21-4, Jan 70 (Rus)
- [Effect of heparin on sodium and potassium metabolism in myocardial infarct] Gerchikova TN. *Ter Arkh* 41:32-4, Nov 69 (Rus)
- [Presence and content of the fibrinogen-I-131 complex in the blood stream after intravenous thrombin administration] Filinkov AF. *Vop Med Khim* 16:59-62, Jan-Feb 70 (Rus)
- [Mechanism of the action of heparin on thrombocytes] Gromnatskiy NI. *Vrach Delo* 3:90-2, Mar 69 (Rus)
- [Effects of heparin and coumarin anticoagulants on platelet adhesiveness] Ruggiero HA, et al. *Prensa Med Argent* 57:271-4, 10 Apr 70 (Spa)
- [Autonomic reflexes stimulating pulmonary embolism in patients with quadriplegia] Lisander B. *Lakartidningen* 67:340-2, 21 Jan 70 (Swe)
- [Seasonal periodicity of lipid metabolism in healthy subjects] Baláz V, et al. *Vnitri Lek* 16:841-6, Sep 70 (Slo)

# PHYSIOLOGY

- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al. *Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)
- [Does heparin exert any influence on the secretion of tissue blood coagulating factors from vascular walls?] Mishchenko VP. *Pat Fiziol Eksp Ter* 14:45-9, Jan-Feb 70 (Rus)
- [The effect of heparin on fibrin clot stabilization] Rustamova BA, et al. *Vop Med Khim* 16:290-3, May-Jun 70 (Rus)

# SECRETION

- [Pharmacologic mechanism of dimethyl sulfoxide (DMSO) based on cytological studies in cattle and clinical observations in sport horses] Klemm GM, et al. *Mh Veterinaarmed* 24:612-3, 15 Aug 69 (Ger)
- [Electron microscope and experimental investigations on degranulation in tissue mast cells] Fasseke E, et al. *Virchow Arch [Zellpath]* 4:126-36, 1969 (Ger)

# STANDARDS

- Heparin therapy and its laboratory control. Pitney WR. *Brit J Haemat* 18:499-502, May 70 (18 ref.)
- A collaborative study of heparins from different sources. Bangham DR, et al. *Bull WHO* 42:129-49, 1970
- Standardisation of heparin. *Lancet* 1:1215-6, 6 Jun 70
- [A more accurate determination of heparin. 2] Peter H, et al. *Arzneimittelforschung* 20:586-8, Apr 70 (Ger)

# THERAPEUTIC USE

- Intravascular coagulation in the lungs in experimental fat embolism. Saldeen T. *Acta Chir Scand* 135:653-62, 1969
- Swiss type hereditary persistence of foetal haemoglobin in a case of acquired haemolytic



- anaemia. Pawlak AL, et al.  
Acta Haemat (Basel) 43:184-91, 1970
- Coronary occlusion treated with small doses of heparin.  
Steffensen KA. Acta Med Scand 186:519-21, Dec 69
- Single-blind randomised multicentre trial comparing heparin and streptokinase treatment in recent myocardial infarction. Amery A, et al.  
Acta Med Scand [Suppl] 505:Suppl 505:1+, 1969
- Heparin efficacy in burns. I. Significant early modification of experimental third degree guinea pig thermal burn and ancillary findings. A double blind study. Saliba MJ Jr, et al.  
Aerospace Med 41:179-87, Feb 70
- A rapid bedside method for the control of heparin therapy. Blakely JA. Amer Heart J 78:838-9, Dec 69
- Transvenous cardiac pacemaker, mural thrombosis, and pulmonary embolism. Reynolds J, et al.  
Amer Heart J 78:888-91, Nov 69
- Management of acute and subacute renal artery occlusion. Thomas TV. Amer Heart J 80:430-1, Sep 70
- Anticoagulants in renal disease in children. Herdman RC, et al. Amer J Dis Child 119:27-35, Jan 70
- Heparin and hemolytic anemia. Frimmer D, et al.  
Amer J Med Sci 259:412-8, Jun 70
- The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)
- Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Bloomfield DK.  
Amer J Obstet Gynec 107:883-8, 15 Jul 70
- Thromboembolic disease in pregnancy. Weekes LR, et al. Amer J Obstet Gynec 107:649-50, 15 Jun 70
- Pathogenetic approach to therapy of peripheral corneal inflammatory disease. Aronson SB, et al.  
Amer J Ophthal 70:65-90, Jul 70
- Bodily defenses against thrombosis. Takats G de, et al.  
Amer J Surg 120:73-81, Jul 70
- A new catheter technique of interruption of inferior vena cava for prevention of pulmonary embolism. Mobin-Uddin K, et al. Amer Surg 35:889-94, Dec 69
- Long-term daily outpatient heparin therapy in hyperlipemic and normolipemic atherosclerotic states. Woldow A, et al. Angiology 21:180-7, Mar 70
- Acute and recurrent thromboembolic disease: a new concept of etiology. Altemeter WA, et al.  
Ann Surg 170:547-58, Oct 69
- Assessment of anticoagulant treatment of venous thromboembolism. Coon WW, et al.  
Ann Surg 170:559-68, Oct 69
- Experimental venous thrombectomy. McLachlin AD, et al. Ann Surg 171:956-60, Jun 70
- Cardiac transplantation in man. IV. Early results. Stinson EB, et al. Ann Surg 170:588-92, Oct 69
- Arterial embolectomy after acute myocardial infarction. A study of 31 patients. Thompson JE, et al.  
Ann Surg 171:979-86, Jun 70
- Cardiac operations in patients with left atrial thrombus. Incidence and prevention of postoperative embolism. Peterson LM, et al.  
Ann Thorac Surg 8:402-6, Nov 69
- Lipoprotein lipase activity in marasmic type of protein-calorie malnutrition. Gürson CT, et al.  
Arch Dis Child 44:765-8, Dec 69
- Latent mediastinal tamponade after open-heart surgery. Hill JD, et al.  
Arch Surg (Chicago) 99:808-14, Dec 69
- Clinical cancer chemotherapy aimed at potential cell regulators. Knock FE, et al.  
Arch Surg (Chicago) 100:167-72, Feb 70
- Renal allotransplantation in humans. I. Systemic immunosuppressive therapy. Lucas ZJ, et al.  
Arch Surg (Chicago) 100:113-25, Feb 70
- Arterial embolism of the extremities. Experience with 62 patients. Tarnay TJ.  
Arch Surg (Chicago) 99:615-8, Nov 69
- Femoral grafts in diabetics. Resulting conservative amputations. Wheelock FC Jr, et al.  
Arch Surg (Chicago) 99:776-80, Dec 69
- Prevention of hemorrhagic pancreatitis with fibrinolysin or heparin. Wright PW, et al.  
Arch Surg (Chicago) 100:42-6, Jan 70
- Post-partum renal failure. The generalized Schwartzman reaction. Three further cases and a review. Clarkson AR, et al.  
Aust Ann Med 18:209-16, Aug 69
- A comparison of the anticoagulant effects of heparin and phenindione on a standard experimental arterial thrombus. Hunt PS, et al.  
Aust New Zeal J Surg 39:207-8, Nov 69
- The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69
- The use of heparin in autoimmune hemolytic disease. Bardana EJ Jr, et al. Blood 35:377-85, Mar 70
- Pulmonary embolism. Barritt DW.  
Brit Heart J 31:667-9, Nov 69
- Two cases of purpura fulminans. Frederiks E, et al.  
Brit J Plast Surg 23:90-4, Jan 70
- A clinical trial designed to test the relative value of two simple methods of reducing the risk of venous stasis in the lower limbs during surgical operations, the danger of thrombosis, and a subsequent pulmonary embolus, with a survey of the problem. Doran FS, et al.  
Brit J Surg 57:20-30, Jan 70
- Heparin and the haemolytic-uraemic syndrome. Clarkson AR, et al. Brit Med J 3:463, 22 Aug 70
- Deep vein thrombosis: medical management. Flute PT.  
Brit Med J 4:678-80, 13 Dec 69
- Management of deep vein thrombosis. Handley AJ.  
Brit Med J 1:234, 24 Jan 70
- Clinical experience with anticoagulant therapy during pregnancy. Hirsh J, et al. Brit Med J 1:270-3, 31 Jan 70
- Renal homotransplant rejection associated with microangiopathic haemolytic anaemia. Hutton MM, et al. Brit Med J 3:87-8, 11 Jul 70
- Haemolytic-uraemic syndrome treated with heparin. Moncrieff MW, et al. Brit Med J 1:188-91, 25 Jul 70
- Microangiopathic haemolytic anaemia. Rosen SM, et al.  
Brit Med J 3:465, 22 Aug 70
- Local and systemic factors in the pathogenesis of thrombosis. Deykin D.  
Calif Med 112:31-40, Mar 70 (93 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. Calif Med 111:186-98 contd, Sep 69
- Heparin treatment in abruptio placentae. Coopland AT, et al. Canad Med Ass J 103:377-9, 15 Aug 70
- Disseminated intravascular coagulation—a complication of chemotherapy in acute myelomonocytic leukemia. Leavey RA, et al.  
Cancer 26:142-5, Jul 70
- Neutral lipids of plasma and adipose tissue in a-betalipo-proteinemia. Barnard G, et al.  
Clin Chim Acta 28:417-22, Jun 70
- Immunoelectrodiffusional determination of beta-lipoproteins in the plasma of heparin-treated patients. Tinterova Z, et al.  
Clin Chim Acta 26:583, Dec 69
- Nonsurgical management of thrombosis of bilateral renal veins and inferior vena cava in a newborn infant. Seeler RA, et al. Clin Pediat (Phila) 9:543-7, Sep 70
- Intravascular coagulation in acute hepatic failure. Rake MO, et al. Clin Sci 38:15P, Mar 70
- Disseminated intravascular coagulation. Bachmann F. DM 3-44, Dec 69 (76 ref.)
- Inhibitive effect of heparin and dextran sulfate on experimental pulmonary metastases. Suemasu K, et al. Gann 61:125-30, Apr 70
- A case of homologous liver transplantation. Gütgemann A, et al. German Med Monthly 14:525-8, Nov 69
- Pulmonary cavitation after embolism. Aslam PA, et al. Int Surg 53:157-61, Mar 70
- The clinical, functional, and histologic response to heparin in chronic renal disease. Freedman P, et al. Invest Urol 7:398-409, Mar 70
- The role of fibrinogen in renal disease. 3. Fibrinolytic and anticoagulant treatment of nephrotic serum nephritis in mice. Briggs JD, et al.  
J Lab Clin Med 74:715-24, Nov 69
- An unusual case of recurrent coagulation failure in pregnancy. Treatment with heparin. Basu HK, et al. J Obstet Gynaec Brit Comm 76:936-40, Oct 69
- The hemolytic-uremic syndrome in nonrelated adopted siblings. Chan JC, et al. J Pediat 75:1050-3, Dec 69
- Hemostasis in cyanotic congenital heart disease. Ekert H, et al. J Pediat 76:221-30, Feb 70
- Streptokinase in acute pulmonary embolism. Gurewicz V, et al. J Thorac Cardiovasc Surg 59:655-61, May 70
- Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al. JAMA 213:1681-3, 7 Sep 70
- Nonoperative treatment of unilateral renal vein thrombosis in the newborn. Belman AB, et al. JAMA 211:1165-8, 16 Feb 70
- Fulminant pneumococemia and sickle cell anemia. Kabins SA, et al. JAMA 211:467-71, 19 Jan 70
- Skin necrosis induced by coumarin congeners. Nalbandian RM. JAMA 211:1699, 9 Mar 70



- Thrombolytic therapy in pulmonary embolism. Kakkar VV, et al. *Lancet* 2:610, 19 Sep 70
- Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P. *Lancet* 2:920-2, 1 Nov 69
- Heparin treatment for post-partum renal failure with microangiopathic haemolytic anaemia. Luke RG, et al. *Lancet* 2:750-2, 10 Oct 70
- Free fatty acids and cardiac arrhythmias. Nelson PG. *Lancet* 1:783, 11 Apr 70
- Haemolytic-uraemic syndrome and heparin therapy. Ponticelli C, et al. *Lancet* 1:246-7, 31 Jan 70
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. *Lancet* 1:533-7, 14 Mar 70
- Prevention of venous thrombosis. Sharnoff JG. *Lancet* 1:617, 21 Mar 70
- Intravascular coagulation in acute hepatic necrosis. Straub PW. *Lancet* 760:1339-40, 20 Jun 70
- Streptokinase for pulmonary embolism. Thomas DP. *Lancet* 2:418, 22 Aug 70
- Heparin-exchange phenomenon. Zuck TF, et al. *Lancet* 2:210, 25 Jul 70
- Vascular factors in acute pancreatitis. *Lancet* 2:830-1, 18 Oct 69
- Streptokinase for pulmonary embolism. *Lancet* 2:253-4, 1 Aug 70
- The diagnosis and treatment of disseminated intravascular coagulation. Siegel NH, et al. *Med Clin N Amer* 54:555-65, May 70
- Streptokinase therapy in acute major pulmonary embolism. Chesterman CN, et al. *Med J Aust* 2:1096-100, 29 Nov 69
- Improvement in renal blood flow of rejecting renal allografts during heparin infusion. Clyne DH, et al. *Med J Aust* 1:522-4, 14 Mar 70
- Results of surgical treatment of occlusive arterial disease affecting the lower limbs, 1953-1967. Ferguson IA, et al. *Med J Aust* 1:745-54, 11 Apr 70
- Evaluation of subcutaneous calcium heparin therapy in the treatment of thrombo-embolic disease. Hirsh J, et al. *Med J Aust* 1:15-7, 3 Jan 70
- Dipyridamole and anticoagulants in renal disease due to glomerular and vascular lesions. A new approach to therapy. Kincaid-Smith P, et al. *Med J Aust* 1:145-51, 24 Jan 70
- Treatment of shock associated with bacterial sepsis. *Med Lett Drugs Ther* 11:93-5, 14 Nov 69
- Pulmonary thromboembolism; prevention of fatal postoperative. Sharnoff JG, et al. *Med Trial Techn Quart* 16:39-44 contd, Mar 70
- Pulmonary thromboembolism; prevention of fatal postoperative. Sharnoff JG, et al. *Med Trial Techn Quart* 16:63-9, Jun 70
- Lipemia retinalis: microcirculatory changes and lipid studies in a family. Chazan BI, et al. *Metabolism* 18:978-85, Dec 69
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. *New Eng J Med* 283:778-82, 8 Oct 70
- Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. *Obstet Gynec* 35:690-4, May 70
- Septic pelvic thrombophlebitis. Report of 17 patients treated with heparin. Josey WE, et al. *Obstet Gynec* 35:891-7, Jun 70
- Antepartum thrombophlebitis. Morbidity with long-term heparin and a proposed regimen of therapy. Mueller MJ Jr, et al. *Obstet Gynec* 34:874-80, Dec 69
- Chemotherapy and radiation therapy together to treat cancer. Grady ED, et al. *Oncology* 24:118-36, 1970
- Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. *Pediatrics* 46:378-88, Sep 70
- The haemolytic uraemic syndrome in adults. Clarkson AR, et al. *Quart J Med* 39:227-44, Apr 70
- Anaesthesia for liver transplantation in the pig. Bowes JB, et al. *Res Vet Sci* 10:569-73, Nov 69
- Antepartum pulmonary emboli. Millard CA. *Rhode Island Med J* 53:373-5, Jul 70
- Progress in nephrology, renal dialysis and transplantation. Eales L. *S Afr Med J* 44:747-52, 27 Jun 70
- Consumptive coagulopathy caused by a boomslang bite. Lakier JB, et al. *S Afr Med J* 43:1052-5, 23 Aug 69
- Pulmonary embolectomy in acute and recurrent massive embolism. Scheinin TM, et al. *Scand J Thorac Cardiovasc Surg* 3:125-33, 1969
- A new look at pulmonary embolism. Scully NM. *Surg Clin N Amer* 50:343-50, Apr 70
- Atraumatic iliac artery occlusion. Bradham RR. *Surg Gynec Obstet* 129:1053, Nov 69
- Prospective analysis of pulmonary embolism in the postoperative patient. Allgood RJ, et al. *Surgery* 68:116-22, Jul 70
- An infant with renal vein thrombosis. Raffensperger JG, et al. *Surgery* 67:401-2, Feb 70
- Prosthetic heart valves in pregnancy. Radnich RH, et al. *Texas Med* 66:58-61, May 70
- Intravascular coagulation in systemic amyloidosis. Bowie EJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:305+, 1969
- The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54. FitzGerald DE. *Thromb Diath Haemorrh* 22:569-74, 31 Dec 69
- Consumption coagulopathy in liver cirrhosis. Hörder MH. *Thromb Diath Haemorrh* 36:Suppl 36:313-8, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG. *Thromb Diath Haemorrh* 36:Suppl 36:281+, 1969
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- The traumatic orbital apex syndrome its differential diagnosis and treatment. Watson PG, et al. *Trans Ophthalm Soc UK* 88:361-74, 1969
- Renal transplantation in the inbred rat. XVI Effects of salicylates and anticoagulant drugs on rejection. Shehadeh IH, et al. *Transplantation* 10:75-85, Jul 70
- [The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)
- [Personal experience with modern prevention of thromboembolic diseases in surgical gynecology] Georgieva M, et al. *Akush Ginek (Sofia)* 8:230-4, 1969 (Bul)
- [Treatment of respiratory function disorders in fat embolism] Ponsen RJ. *Nederl T Geneesk* 114:931-3, 30 May 70 (Dut)
- [Cardiac manifestations during pancreatitis] Caillard B, et al. *Anesth Analg (Paris)* 26:911-8, Nov-Dec 69 (Fre)
- [Prophylaxis of postoperative thromboembolic disease: heparinate or heparinoid? 1000 cases] Malavaud A, et al. *Anesth Analg (Paris)* 27:225-35, Mar-Apr 70 (Fre)
- [Renal transplantation and anesthesiology] *Anesth Analg (Paris)* 27:161-206, Mar-Apr 70 (Fre)
- [Endocrine edematous exophthalmos and orbital venous circulatory blocking. Value of phlebography] Aron-Rosa D, et al. *Ann Oculist (Paris)* 203:1-24, Jan 70 (Fre)
- [Treatment of senile macular degeneration] Haut J. *Arch Ophtal (Paris)* 29:909-15, Dec 69 (Fre)
- [A case of phlebitis in pregnancy necessitating prolonged heparin therapy, with meningeal hemorrhage in a newborn infant after quite normal labor] Guiran G. *Bull Fed Gynec Obstet Franc* 22:63, Jan-Mar 70 (Fre)
- [Probable case of amniotic embolism. Cure with heparin therapy and extrarenal epuration] Lyonnet R, et al. *Bull Fed Gynec Obstet Franc* 22:66, Jan-Mar 70 (Fre)
- [The place of heparin in the treatment of homograft rejection] Baillie Y, et al. *Marseille Med* 107:89-104, 1970 (Fre)
- [Evaluation of lytic potential in the control of pre- and post-operative coagulation] Courblier R, et al. *Marseille Med* 107:137-9, 1970 (Fre)
- [Medical treatment of acute venous thrombosis] Milleret PG. *Phlebologie* 23:39-45, Jan-Mar 70 (Fre)
- [Chronic widespread intravascular coagulation syndrome and cyanotic congenital cardiopathy. The place of heparin during preoperative period] Baillie Y, et al. *Presse Med* 78:1571-4, 29 Aug 70 (Fre)
- [Evolution of the clot in acute pulmonary embolism in man. Angiographic and hemodynamic statement] Bory M, et al. *Presse Med* 78:110, 17 Jan 70 (Fre)
- [Simple technic of crossed circulation used as a method of temporary hepatic assistance in severe icterus due to viral hepatitis] Muller JM, et al. *Presse Med* 77:1483-4, 11 Oct 69 (Fre)
- [3 reasons for early and prolonged heparin administration during organ transplantations] Raby C. *Presse Med* 78:653-4, 21 Mar 70 (Fre)
- [Current concepts on the anticoagulant therapy] Thibault P. *Presse Med* 78:127-8, 17 Jan 70 (Fre)



# SUBJECT SECTION

# HEPARIN

- [The amniotic embolism] Lyonnet R, et al.  
Rev Franc Gynec Obstet 65:513-7, Sep 70 (Fre)
- [Surveillance of coagulation in prevention and medical treatment of pulmonary embolism] Cornu P.  
Rev Tuberc (Paris) 33:659-66, Jul-Aug 69 (Fre)
- [Auricular flutter of the 2-1 type revealing pulmonary embolism. A case] Crocetti L, et al.  
Sem Hop Paris 46:537-43, 14 Feb 70 (Fre)
- [Meningococci with necrotic purpura and paralysis of the lower limbs in a 17-month-old infant. Favorable evolution] Messerschmitt J, et al.  
Sem Hop Paris 46:2348-53, 10 Sep 70 (Fre)
- [Moschcowitz's syndrome and severe digestive hemorrhage] Oberling F, et al.  
Sem Hop Paris 46:888-92, 14 Mar 70 (Fre)
- [Prolonged treatment of coronary insufficiency with heparin in clarifying doses and essential phospholipids] Caruzzo C.  
Therapeutique 45:413-9, Apr 69 (Fre)
- [Heparin in the treatment of nephrotic syndrome] Paunesco-Podeanu A, et al.  
Therapeutique 46:571-5, May 70 (Fre)
- [Anesthesiological experiences in heart surgery] Beer R, et al. Anaesthetist 19:1-8, Jan 70 (67 ref.) (Ger)
- [Disorders of hemostasis] Lash HG.  
Arch Klin Exp Ohr Nas Kehlkopfheilk 194:265-77, 22 Dec 69 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Höder MH, et al.  
Arzneimittelforschung 19:1873-6, Nov 69 (Ger)
- [The therapy of intravascular blood coagulation disorders in pediatrics] Brüster H.  
Bibl Haemat 32:305-11, 1969 (Ger)
- [Clinical aspects and therapy of the consumption coagulopathy] Huth K.  
Bibl Haemat 32:281-7, 1969 (Ger)
- [Shock, acidosis and lipolysis] Sommerkamp H.  
Bruns Beitr Klin Chir 217:673-7, Dec 69 (Ger)
- [Consumption coagulopathy] Holzknecht F.  
Deutsch Med Wschr 95:1277-8, 5 Jun 70 (Ger)
- [Guidelines and results of consequent fibrinolytic therapy in phlegmasia cerulea dolens] Paquet KJ, et al.  
Deutsch Med Wschr 95:903-4, 17 Apr 70 (Ger)
- [Therapy of acute venothrombosis in the leg] Philipp R, et al. Deutsch Med Wschr 95:961-3, 24 Apr 70 (Ger)
- [On the treatment of myocardial infarct with special reference to fibrinolytic substances] Heinrich HG.  
Folia Haemat (Leipzig) 92:38-45, 1969 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E.  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. Geburtsh Frauenheilk 30:337-47, Apr 70 (Ger)
- [Therapy of acute loss of hearing with heparin or nicodan] Nuernbergk W, et al.  
HNO 17:343-6, Nov 69 (Ger)
- [For and against the anticoagulants--for and against thrombolysis] Gross R.  
Internist (Berlin) 10:1-2, Jan 69 (Ger)
- [Influence of anticoagulants and streptokinase on the course of acute myocardial infarct] Hiemeyer V, et al.  
Klin Wschr 47:371-5, 1 Apr 69 (Ger)
- [Results of prevention and therapy of pulmonary embolism] Linder F.  
Langenbecks Arch Chir 325:1090-2, 1969 (Ger)
- [Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al.  
Langenbecks Arch Chir 326:106-36, 1970 (Ger)
- [Heparin therapy in hemorrhagic traumatic shock] Popov S, et al.  
Langenbecks Arch Chir 325:60-6, 1969 (Ger)
- [Mechanical and biochemical measures in the prevention of thromboembolism following prostatectomy] Schrader CP.  
Langenbecks Arch Chir 325:1088-90, 1969 (Ger)
- [Studies on the etiology and treatment of fat embolism] Zimmermann WE, et al.  
Langenbecks Arch Chir 325:297-306, 1969 (Ger)
- [Local treatment of blunt injuries with a heparin-containing drug combination] Fischer I, et al.  
Med Mschr 23:415-6, Sep 69 (Ger)
- [Anticoagulant therapy. I. (Possibilities and limits)] Fischer M. Med Welt 13:534-9 contd, 28 Mar 70 (Ger)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Therapy of varicose veins, thrombophlebitis and thromboembolism with solvasol] Naegle M.  
Med Welt 43:2384-8, 25 Oct 69 (Ger)
- [Therapy and prevention of disseminated intravascular coagulation] Popov S, et al.  
Med Welt 45:2458-71, 8 Nov 69 (Ger)
- [Experiences with Thrombotison ointment in phlebitis, inflammations of the soft parts and leg ulcer] Colombo I.  
München Med Wschr 112:70-4, 9 Jan 70 (Ger)
- [Ophthalmic drugs. 38] Metzner R.  
Pharm Prax 10:218-24, 1969 (102 ref.) (Ger)
- [Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)
- [Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)
- [Clinical testing of Vertebralon-oilment] Schneider PG. Ther Gegenw 108:1007-14, Jul 69 (Ger)
- [Combined mechanical and medicinal hemostasis in prostatectomy] Schrader CP, et al.  
Urol Int 24:418-25, 1969 (Ger)
- [Treatment of Waterhouse-Friderichsen syndrome using heparin] Fischer M, et al.  
Wien Klin Wschr 81:876-9, 28 Nov 69 (Ger)
- [Anticoagulants during pregnancy following artificial heart valve implantation] Alleff A.  
Zbl Gynaek 91:769-71, 14 Jun 69 (Ger)
- [General postoperative thrombosis prevention using anticoagulants] Hochull E, et al.  
Zbl Gynaek 91:1211-8, 13 Sep 69 (Ger)
- [Corticosteroids in the prevention and therapy of conduction disorders caused by myocardial infarct] Battaglia G, et al.  
Boll Soc Ital Cardiol 14:622-8, 1969 (Ita)
- [Substances with anti-immuno-adhesion action in the treatment of acute metastreptococcal glomerulonephritis] Grimaldi MG.  
Folia Allerg (Roma) 17:134-42, Mar-Apr 70 (Ita)
- [Antilipemic and fibrinolytic activity of an extractive mucopolysaccharide in atherosclerotic disease] Isidori A, et al.  
Minerva Med 60:Suppl 99:5077+, 12 Dec 69 (Ita)
- [Orthopedic and traumatologic clinical experimentation with a heparin preparation] Sabetta F, et al. Minerva Ortop 20:149-52, Apr 69 (Ita)
- [Currently used therapeutic agents for arteriosclerosis--with special reference to a protein anabolic hormone, clofibrate (C.P.I.B.)] Yasugi T, et al. Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)
- [Currently used therapeutic agents for arteriosclerosis--with special reference to a protein anabolic hormone, clofibrate (C.P.I.B.)] Yasugi T, et al. Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)
- [Inhibition of blood-borne metastasis of malignant tumors] Suemasu K, et al.  
Saishin Igaku 24:2182-6, Oct 69 (Jap)
- [Amniotic fluid embolism] Maki M, et al.  
Sanfujin Jissai 19:32-9, Jan 70 (Jap)
- [Present status of blood vessel prosthesis] Kamiya K, et al.  
Surg Ther (Osaka) 21:334-40, Sep 69 (39 ref.) (Jap)
- [Present status of the artificial kidney] Kasai Y, et al.  
Surg Ther (Osaka) 21:326-33, Sep 69 (45 ref.) (Jap)
- [Attempt of initial approach to the problem of central retinal vein thrombosis] Karpiński H, et al.  
Klin Oczna 40:45-9, 1970 (Pol)
- [Priapism] Wójtowicz M, et al.  
Pol Przegl Chir 41:Suppl 11a:1626, Nov 69 (Pol)
- [Early prophylactic anticoagulant treatment after reconstructive operations on arteries and some associated problems] Poltowski M, et al.  
Pol Tyg Lek 25:807-10, Jun 70 (Pol)
- [Heparin: a significant biological factor] Tarnawski A, et al.  
Postepy Hig Med Dosw 24:125-31, Jan-Feb 70 (Pol)
- [Clinical and biological aspects of hyperlipemia] Turcanu V, et al.  
Med Intern (Bucur) 22:489-93, Apr 70 (Rum)
- [Thrombosis of major veins (diagnosis and surgery)] Belichenko IA, et al.  
Kardiologia 9:127-35, Dec 69 (112 ref.) (Rus)
- [Use of heparin in the postoperative period in patients with portal hypertension] Eramishantsev AK, et al.  
Khirurgia (Moskva) 45:73-6, Mar 69 (Rus)
- [Treatment of obliterating arteriosclerosis] Skripnichenko DF. Klin Khir (Kiev) 4:26-31, Apr 69 (Rus)
- [Results of the use of heparin in patients with atherosclerosis and its complications] Karasniarskaia MP.  
Klin Med (Moskva) 47:143-5, May 69 (Rus)
- [Experience in preventive therapy of patients with chronic coronary insufficiency under polyclinic



- conditions] Paranskala ZhA.  
Klin Med (Moskva) 48:109-12, Apr 70 (Rus)  
[Role of intravascular thrombus formation in the mechanism of development of renal ischemia during incompatible hemotransfusion. (Experimental study)] Martynov SM, et al.  
Probl Gemat 12:23-6, Sep 67 (Rus)  
[Effect of small doses of heparin in a complex treatment of patients with pneumocarditis on the blood coagulation and fibrinolytic system] Aizenberg AA, et al. Sovet Med 32:33-9, Feb 69 (Rus)  
[Emergency aid in acute coronary and cardiac insufficiency with the use of new drugs] Flalko VA, et al. Sovet Med 32:12-5, Apr 69 (Rus)  
[Means of the elimination of adverse effects of antibiotics] Govorovich EA.  
Sovet Med 32:34-8, Aug 69 (Rus)  
[Effect of heparin on sodium and potassium metabolism in myocardial infarct] Gerchikova TN. Ter Arkh 41:32-4, Nov 69 (Rus)  
[Comparative assessment of the efficacy of certain antilipemic agents in patients with diabetes mellitus] Lesnichii AV. Ter Arkh 41:61-4, Jul 69 (Rus)  
[A study of the mucopolysaccharide-thrombogenic mechanism predisposing to myocardial infarct] Ol'shevskii V, et al. Ter Arkh 41:71-7, Jul 69 (Rus)  
[Use of heparin in afibrinogenemic hemorrhage in a parturient] Repina MA, et al.  
Vop Okhr Materin Dets 15:72-5, Feb 70 (Rus)  
[Indices of hemodynamics in patients with hypertension during treatment with heparin and its combination with reserpine] Drozdov DD, et al. Vrach Delo 5:143-5, May 69 (Rus)  
[Effect of heparin on blood clot retraction in different forms of coronary disease] Novitskii VS. Vrach Delo 5:139-40, May 69 (Rus)  
[Blood coagulation changes in falciparum malaria. Report of a case treated with anticoagulants] Langer B, et al. Rev Ass Med Brasil 16:79-82, Mar 70 (Spa)  
[Chronic hypercoagulability syndrome in a case of paroxysmal nocturnal hemoglobinuria (H.P.N.)] Plizzuto J, et al. Sangre (Barc) 14:457-62, 1969 (Spa)  
[Thrombolytic treatment: Streptokinase in acute venous thrombosis of the extremities] Robertson B. Lakartidningen 66:3817-26, 17 Sep 69 (Swe)  
[Retarded rejection of renal transplants pretreated with nucleic acid] Largiadèr F, et al. German Med Monthly 13:607-9, Dec 68 (Mul)  
[Modern possibilities in the prophylaxis and therapy of the clinical syndrome of fat embolism] Bervar M. Vojnosanit Pregl 27:115-7, Mar 70 (Cro)

# URINE

- Rapid detection and identification of mucopolysaccharides in urine. McDonald TP, et al. Clin Pediat (Phila) 9:272-6, May 70  
Glycosaminoglycans of human urine. II. Sulphated glycosaminoglycans of normal adult urine. Chakrapani B, et al. Indian J Biochem 6:166-8, Dec 69  
A new mucopolysaccharidosis. Horton WA, et al. J Pediat 77:252-8, Aug 70  
Effects of vitamins A and C on urinary excretion of acid mucopolysaccharides in the Hurler's syndrome. Onisawa J, et al. Paediat Univ Tokyo 17:23-4, Jan 70  
Effect of prednisolone on urinary acid mucopolysaccharides excretion in genetic mucopolysaccharidoses. Onisawa J, et al. Paediat Univ Tokyo 17:15-22, Jan 70  
Biochemical definition of the mucopolysaccharidoses. Spranger JW. Z Kinderheilk 108:17-31, 1970  
[Quantitative and qualitative changes of acid mucopolysaccharides in urine in diseases of the skeletal system] Kyselka R, et al. Beitr Orthop Trauma 16:552-8, Oct 69 (Ger)  
[Unusual findings in 2 patients with Hunter's disease] Fiehring C, et al. Deutsch Gesundh 25:78-82, 16 Jan 70 (Ger)

# HEPARIN ANTAGONISTS

- Have the platelet antiheparin and antiplasmin activities the same support? Moriau M. Thromb Diath Haemorrh 22:403-7, 15 Nov 69  
[Heparin: a significant biological factor] Tarnawski A, et al. Postepy Hig Med Dosw 24:125-31, Jan-Feb 70 (Pol)

# ADMINISTRATION & DOSAGE

- [Surgery under heparin. 3. Incomplete progressive neutralization of heparin at the end of extracorporeal circulation] Baille Y, et al. Aggressologie 11:87-93, 1970 (Fre)

# ANALYSIS

- Coagulation studies of the vascular intima. I. Antiheparin activity. Oe K. Acta Haemat Jap 32:287-96, Apr 69  
[Thromboplastic and antiheparin activity of homogenates of various organs in rabbits after a cholesterol diet] Farbiszewski R, et al. Acta Physiol Pol 20:649-53, Jul-Aug 69 (Pol)

# BIOSYNTHESIS

- Platelet-bound and soluble platelet factor 4: effects of aggregating agents, of aggregation, and of aspirin. O'Brien JR, et al. Proc Soc Exp Biol Med 134:1128-31, Sep 70

# BLOOD

- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al. Thromb Diath Haemorrh 22:408-10, 15 Nov 69  
[May-Hegglin's anomaly. Description of a new family and studies on the function, biochemistry and ultrastructure of thrombocytes] Lechner K, et al. Acta Haemat (Basel) 42:303-20, 1969 (Ger)

# METABOLISM

- Plasma antiheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Farbiszewski R, et al. Thromb Diath Haemorrh 22:408-10, 15 Nov 69  
[Effect of various drugs on platelet aggregation and liberation of platelet factor 4 (anti-heparin factor)] Farbiszewski R, et al. Folia Haemat (Leipzig) 92:470-6, 1969 (Ger)

# PHARMACODYNAMICS

- Effect of thyroxine on heparin inhibition of cortisone A-ring reduction. Troop RC. Experientia 25:1003-4, 15 Sep 69  
Heparin-ascorbic acid antagonism. Owen CA Jr, et al. Mayo Clin Proc 45:140-5, Feb 70  
[Effect of heparin antagonists on its ability to form gels in tissue homogenates] Sergeev PV, et al. Farmakol Toksik 32:718-9, Nov-Dec 69 (Rus)  
[Effect of antibiotics on the adhesive properties of thrombocytes] Zolotukhin SI, et al. Farmakol Toksik 32:460-3, Jul-Aug 69 (Rus)

# THERAPEUTIC USE

- Circulating heparin-like substance after liver injury. Beck EA. Lancet 1:1287, 13 Jun 70

# HEPARIN CO-FACTOR

# ANALYSIS

- [Control of dicoumarol therapy by means of in vitro heparin tolerance test and thrombelastography] Cañizares C, et al. Sangre (Barc) 15:170-5, 1970 (Spa)

# ISOLATION & PURIFICATION

- Electrophoretic separation of two thrombin inhibitors in plasma and serum. Ganrot PO. Scand J Clin Lab Invest 24:11-4, Aug 69

# METABOLISM

- Binding of thrombin to antithrombin III. Abildgaard U. Scand J Clin Lab Invest 24:23-7, Aug 69

# HEPARINOID

- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. Biochim Biophys Acta 194:449-61, 23 Dec 69



# SUBJECT SECTION

## HEPARINOID

### ADMINISTRATION & DOSAGE

- [Reflections on anticoagulant treatment experience in medico-surgical resuscitation] Picard P, et al. *Cah Anesth* 17:417-28, May-Jun 69 (Fre)
- [Prevention and treatment of infusion thrombophlebitis with an organo-heparinoid ointment] Lipecz J, et al. *Med Welt* 30:1662-5, 26 Jul 69 (Ger)
- [Effectiveness of heparinoid-aescin gel] Ludwig H. *Med Welt* 5:194-6, 31 Jan 70 (Ger)
- [Resorption of orally administered heparinoids] Suschke J, et al. *Munchen Med Wschr* 111:2517-9, 28 Nov 69 (Ger)

### ADVERSE EFFECTS

- [The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)
- [Prophylaxis of postoperative thromboembolic disease: heparinate or heparinoid? 1000 cases] Malavaud A, et al. *Anesth Analg (Paris)* 27:225-35, Mar-Apr 70 (Fre)
- [Side effect after administration of a heparin-heparinoid mixture in man] Hörder MH, et al. *Arzneimittelforschung* 19:1876-8, Nov 69 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Contrary influencing of the eosinophil count by heparin and heparinoids] Schuster J. *Med Exp (Basel)* 19:17-21, 1969 (Ger)

### ANALYSIS

- [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Glarola PA, et al. *Arzneimittelforschung* 20:234-6, Feb 70 (Ger)

### ANTAGONISTS & INHIBITORS

- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)

### METABOLISM

- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Resorption of orally administered heparinoids] Suschke J, et al. *Munchen Med Wschr* 111:2517-9, 28 Nov 69 (Ger)

### PHARMACODYNAMICS

- Inhibitors of adrenal steroid biosynthesis. Temple TE, et al. *Ann Rev Pharmacol* 10:199-218, 1970 (122 ref.)
- Anti-thrombotic effect of an heparin-like substance (SP 54) preventing red cell and platelet aggregation. Bicher HI. *Arzneimittelforschung* 20:379-81, Mar 70
- The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54. FitzGerald DE. *Thromb Diath Haemorrh* 22:569-74, 31 Dec 69
- [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Glarola PA, et al. *Arzneimittelforschung* 20:234-6, Feb 70 (Ger)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)
- [Basic principles anticoagulant therapy] Mammen EF. *Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)
- [Tachyphylaxis of the isolated mast cell] Schuster J, et al. *Naunyn Schmiedeberg Arch Pharm* 264:303-4, 1969 (Ger)
- [Anticoagulants. 43] Striegler G. *Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)
- [Effect of deoxyribonucleic acid and heparinoid compounds on nucleic acid metabolism of the mouse] Tempel K. *Z Naturforsch [B]* 24:1550-5, Dec 69 (Ger)
- [Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with

- experimentally modified fibrinolysis] Prino G, et al. *Farmaco [Frat]* 24:552-61, Sep 69 (Ita)
- [Changes in bleeding time in rats induced with local application of adenosine and its derivatives and other substances] Gibelli A, et al. *Minerva Med* 60:4927-30, 8 Dec 69 (Ita)
- [Action of an extractive heparinoid on some blood coagulation indices] Guidi G, et al. *Minerva Med* 60:Suppl 99:5034+, 12 Dec 69 (Ita)
- [Pharmacological aspects of the fibrinolytic activity of Ateroid] Prino G, et al. *Minerva Med* 60:Suppl 99:5015+, 12 Dec 69 (Ita)

### THERAPEUTIC USE

- Anti-thrombotic effect of an heparin-like substance (SP 54) preventing red cell and platelet aggregation. Bicher HI. *Arzneimittelforschung* 20:379-81, Mar 70
- [The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)
- [Personal experience with modern prevention of thromboembolic diseases in surgical gynecology] Georgieva M, et al. *Akush Ginek (Sofia)* 8:230-4, 1969 (Bul)
- [Prophylaxis of postoperative thromboembolic disease: heparinate or heparinoid? 1000 cases] Malavaud A, et al. *Anesth Analg (Paris)* 27:225-35, Mar-Apr 70 (Fre)
- [The treatment of sprains and superficial phlebitis with a pommade of synthesized heparinoid base and alpha-chymotrypsin. Personal experience over 2 years with 85 patients] Rivoire J. *Lyon Med* 221:269-70, 9 Feb 69 (Fre)
- [Experimentation with a new heparinoid administered by cutaneous route in medical practice] Mamou H. *Therapeutique* 46:685-8, Jun-Jul 70 (Fre)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al. *Arzneimittelforschung* 19:1873-6, Nov 69 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. *Geburtsh Frauenheilk* 30:337-47, Apr 70 (Ger)
- [Anticoagulant therapy. I. (Possibilities and limits)] Fischer M. *Med Welt* 13:534-9 contd, 28 Mar 70 (Ger)
- [Anticoagulants. 43] Striegler G. *Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Successful powder treatment of poorly healing tissue defects] Fischer M. *Z Allgemeinmed* 45:1008-9, 31 Jul 69 (Ger)
- [Clinical evaluation of a fibrinolytic drug in an experimental cross-over study] Bizzi B, et al. *Minerva Med* 60:Suppl 99:5062+, 12 Dec 69 (Ita)
- [Controlled experimental study of the relations between fibrinolytic activity and anticoagulant activity in evaluation of activators of fibrinolysis] Cascone A, et al. *Minerva Med* 60:Suppl 99:5039+, 12 Dec 69 (Ita)
- [Control and regulation of fibrinolysis in patients with arteriopathies by the use of an extractive mucopolysaccharide complex] Centonza D, et al. *Minerva Med* 60:Suppl 99:5023+, 12 Dec 69 (Ita)
- [Lipemia-clearing drugs and thrombosis prevention. Behavior of platelet adhesiveness, NEFA and turbidimetry after alimentary lipid loading in normal and arteriosclerotic subjects] Crolle G, et al. *Minerva Med* 60:Suppl 99:5046+, 12 Dec 69 (Ita)
- [Antilipemic and fibrinolytic activity of an extractive mucopolysaccharide in atherosclerotic disease] Isidori A, et al. *Minerva Med* 60:Suppl 99:5077+, 12 Dec 69 (Ita)
- [Electroencephalographic and audiometric controls in presenile and senile arteriosclerotic subjects treated with an extractive sulfomucopolysaccharide complex with fibrinolytic action] Sfondrini E, et al. *Minerva Med* 60:Suppl 99:5082+, 12 Dec 69 (Ita)
- [Evaluation of hematic fibrinolytic activity in patients treated with an extractive mucopolysaccharide complex] Spampinato N. *Minerva Med* 60:Suppl 99:5068+, 12 Dec 69 (Ita)
- [The treatment of retinal venous thrombosis with an association of SP54 (Fibrase) and diisopropylammonium dichloroethanoate (Diedil)] Cantadori E, et al. *Minerva Oftal* 11:126-32, Jul-Aug 69 (Ita)
- [Results of therapy with heparinoid extracts on arteriosclerosis in the inner ear] Sperati G. *Minerva Otorinolaring* 19:281-4, Sep-Oct 69 (Ita)



## HIRUDIN

### HIRUDIN

- Release of vasoactive amines from rabbit platelets induced by antiplatelet antibody in the presence and absence of complement. Henson PM.  
J Immun 104:924-34, Apr 70
- [Distribution and excretion of naturally occurring and chemically modified protease inhibitors following intravenous injection in rats, dogs (and man)] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 350:1541-50, Dec 69 (Ger)

#### DIAGNOSTIC USE

- [Hirudin tolerance test following an operative trauma and during the postoperative period] Wozniowski G. Zbl Chir 94:450-3, 5 Apr 69 (Ger)
- [Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pgnancy toxemias] Sieg U, et al.  
Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)

#### METABOLISM

- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.  
Thromb Diath Haemorrh 22:417-30, 31 Dec 69

#### PHARMACODYNAMICS

- [Blood platelets and the structure of blood vessels] Hugues J.  
Nouv Rev Franc Hemat 9:529-49, Jul-Aug 69 (Fre)
- [Further experimental studies on the effect of a hirudin-containing ointment] Tronnier H.  
Hautarzt 20:114-6, Mar 69 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al.  
Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)

#### THERAPEUTIC USE

- [Further experimental studies on the effect of a hirudin-containing ointment] Tronnier H.  
Hautarzt 20:114-6, Mar 69 (Ger)
- [The effect of hirudin therapy on certain functions and hydrodynamics of the eye in patients with glaucoma] Bagdasarova AV.  
Vestn Oftal 82:43-5, Mar-Apr 69 (Rus)

### HYPOPROCONVERTINEMIA

- The assay of human factor VII by means of modified factor VII deficient dog plasma. Garner R, et al.  
Brit J Haemat 18:57-66, Jan 70
- A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al.  
Brit J Haemat 19:179-92, Aug 70

#### BLOOD

- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.  
Amer J Clin Path 53:348-54, Mar 70
- The effect of chronic administration of lathyrogen (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits. Bańkowski E, et al.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69

#### COMPLICATIONS

- Hereditary deficiency of blood clotting factor VII and Dubin-Johnson syndrome in an Israeli family.  
Seligsohn U, et al. Israel J Med Sci 5:1060-5, Sep-Oct 69
- Gilbert syndrome and factor-VII deficiency. Seligsohn U, et al. Lancet 1:1398, 27 Jun 70
- [2 cases of congenital hypoconvertinemia] Mandelli F, et al.  
Nouv Rev Franc Hemat 9:485-94, Jul-Aug 69 (Fre)
- [Constitutional hemorrhagic disease caused by deficiency of factor VII (convertin)] Mandelli F, et al. Recent Progr Med (Roma) 47:1-36, Jul 69 (Ita)
- [A case of congenital hemorrhagic diathesis due to factor VII deficiency (hypoproconvertinemia)] Urbańczyk J, et al. Wlad Lek 23:661-4, 15 Apr 70 (Pol)

## SUBJECT SECTION

### CONGENITAL

- Congenital hypoprothrombinemia. A case report.  
Girolami A, et al. Haemat Lat 12:77-89, Jan-Mar 69
- [2 cases of congenital hypoconvertinemia] Mandelli F, et al.  
Nouv Rev Franc Hemat 9:485-94, Jul-Aug 69 (Fre)
- [A case of congenital hemorrhagic diathesis due to factor VII deficiency (hypoproconvertinemia)] Urbańczyk J, et al. Wlad Lek 23:661-4, 15 Apr 70 (Pol)

### DIAGNOSIS

- Thromboplastin as a reagent. Quick AJ.  
Thromb Diath Haemorrh 23:585-92, 30 Jun 70

### DRUG THERAPY

- The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
Med J Aust 2:1001-5, 15 Nov 69

### FAMILIAL & GENETIC

- Hereditary deficiency of blood clotting factor VII and Dubin-Johnson syndrome in an Israeli family.  
Seligsohn U, et al. Israel J Med Sci 5:1060-5, Sep-Oct 69

### HYPOPROTHROMBINEMIAS

- Effect of salicylate treatment on fetal and maternal prothrombin time in the mouse. Eriksson M.  
Acta Physiol Scand 78:39-42, Jan 70
- Abnormal forms of factor X. Denson KW.  
Lancet 2:1256, 6 Dec 69

### BLOOD

- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.  
Amer J Clin Path 53:348-54, Mar 70
- Prothrombin in factor X deficiency. Malhotra OP, et al.  
J Lab Clin Med 75:120-7, Jan 70
- Abnormal forms of Factor X. Hardisty RM.  
Lancet 1:41, 3 Jan 70
- Congenital haemorrhagic condition similar but not identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al.  
Scand J Haemat 7:91-9, 1970
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
Thromb Diath Haemorrh 23:58-63, 28 Feb 70
- [Hereditary factor V deficiency (parahemophilia) in a Swiss family] López V, et al.  
Schweiz Med Wschr 99:1354-6, 20 Sep 69 (Ger)
- [Blood clotting in an infant with factor X deficiency] Kotschy M, et al. Pol Tyg Lek 25:895-6, 15 Jun 70 (Pol)

### CHEMICALLY INDUCED

- Hypoprothrombinemia and hemorrhage associated with cholestyramine therapy. Gross L, et al.  
Ann Intern Med 72:95-6, Jan 70
- Don't use the wrong vitamin K. Udall JA.  
Calif Med 112:65-7, Apr 70
- Surreptitious ingestion of oral anticoagulants. Greidanus TH, et al.  
Henry Ford Hosp Med J 18:99-106, Summer 70
- Potentiation of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. New Eng J Med 283:827-31, 15 Oct 70
- Influence of spironolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al.  
Thromb Diath Haemorrh 23:562-8, 30 Jun 70

### COMPLICATIONS

- Labile factor depression in scorbutic guinea pigs. Garvey MB, et al. Amer J Clin Nutr 22:1423-5, Nov 69
- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. Amer J Dis Child 119:365-9, Apr 70
- Hereditary prothrombin deficiency. Kattlove HE, et al. New Eng J Med 282:57-61, 8 Jan 70



# SUBJECT SECTION

## CONGENITAL

Congenital hypoprothrombinemia. A case report.  
Girolami A, et al. Haemat Lat 12:77-89, Jan-Mar 69

## DIAGNOSIS

A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al. Brit J Haemat 19:179-92, Aug 70

Vitamin K requirement of normal infants on soy protein formula. Does 27 micrograms of vitamin K per liter meet the minimum daily requirement? Williams TE, et al. Clin Pediat (Phila) 9:79-82, Feb 70  
Congenital hypoprothrombinemia. A case report. Girolami A, et al. Haemat Lat 12:77-89, Jan-Mar 69  
Thromboplastin as a reagent. Quick AJ.  
Thromb Diath Haemorrh 23:585-92, 30 Jun 70

## DRUG THERAPY

The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
Med J Aust 2:1001-5, 15 Nov 69

## ETIOLOGY

Vitamin K requirement of normal infants on soy protein formula. Does 27 micrograms of vitamin K per liter meet the minimum daily requirement? Williams TE, et al. Clin Pediat (Phila) 9:79-82, Feb 70  
Hemorrhage and heat stroke. Kessinger A, et al. Geriatrics 25:115-8, Jul 70 (18 ref.)  
Prothrombin factor X deficiency. Malhotra OP, et al. J Lab Clin Med 75:120-7, Jan 70  
Acquired factor X deficiency in a Negro boy. Bayer WL, et al. Pediatrics 44:1007-9, Dec 69  
[Congestive Mediterranean splenomegaly and consummation coagulopathy. I. General characteristics of blood coagulation disorders observed in Mediterranean splenomegaly] Demange J, et al.  
Ann Med Intern (Paris) 120:827-33, Dec 69 (Fre)

## FAMILIAL & GENETIC

Congenital dysprothrombinemia: an inherited structural disorder of human prothrombin. Shapiro SS, et al. J Clin Invest 48:2251-9, Dec 69  
Hereditary prothrombin deficiency. Kattlove HE, et al. New Eng J Med 282:57-61, 8 Jan 70  
Congenital haemorrhagic condition similar but not identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al. Scand J Haemat 7:91-9, 1970  
Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69  
[Constitutional hypoprothrombinemia] Butenandt O, et al. Mschr Kinderheilk 117:187-9, Apr 69 (Ger)  
[Hereditary factor V deficiency (parahemophilia) in a Swiss family] López V, et al.  
Schweiz Med Wschr 99:1354-6, 20 Sep 69 (Ger)

## OCCURRENCE

[Hereditary factor V deficiency (parahemophilia) in a Swiss family] López V, et al.  
Schweiz Med Wschr 99:1354-6, 20 Sep 69 (Ger)

## PREVENTION & CONTROL

Potential of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. New Eng J Med 283:827-31, 15 Oct 70

## THERAPY

Hereditary prothrombin deficiency. Kattlove HE, et al. New Eng J Med 282:57-61, 8 Jan 70  
Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood. Saito H, et al. Thromb Diath Haemorrh 22:316-25, 15 Nov 69  
[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## KALLIKREIN-TRYPSIN INACTIVATOR

Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Glibinski K, et al. Acta Med Pol 11:97-101, 1970  
Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Studies on the kallikrein-like substances, kininases and kallikrein inhibitors in the rabbit's organs. Kondo M. Mle Med J 18:235-41, Jan 69  
Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Back N, et al. Proc Soc Exp Biol Med 133:740-3, Mar 70  
Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Melliger EJ.  
Thromb Diath Haemorrh 23:211-27, 1970  
Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. Thromb Diath Haemorrh 23:477-85, 30 Jun 70  
Fractionation of murine H-2 antigens with the use of detergents. Hilgert I, et al.  
Transplantation 8:451-61, Oct 69  
[Pathogenesis and treatment of acute cholecystitis. Clinical and experimental study] Sosa Gallardo C, et al. Lyon Chir 66:45-8, Jan-Feb 70 (Fre)  
[Antifibrinolytic agents and their therapeutic use] Fischer M.  
Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)  
[Preparation and properties of active derivatives of the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 350:1531-40, Dec 69 (Ger)  
[Chemistry and mode of action of Trasylol] Werle E. Langenbecks Arch Chir 325:284-8, 1969 (Ger)  
[Significance of the kinin system in thermal edema of the rat paw] Urbanitz D, et al.  
Naunyn Schmiedeberg Arch Pharm 264:476-93, 1969 (Ger)  
[Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al.  
Thromb Diath Haemorrh 23:369-85, 1970 (Ger)  
[Method for selective determination of kininogenase and kininase activities in saliva-serum reaction and the role of kinins in periodontal diseases] Takeya K, et al. Jap J Allerg 18:537-40, Jun 69 (Jap)  
[Pharmacology of Trasylol] Kaller H.  
Hospital (Rio) 75:715-22, Feb 69 (Por)  
[Kinin system of blood plasma in mammals] Surovikina MS. Usp Sovr Biol 68:35-54, Jul-Aug 69 (108 ref.) (Rus)

## ADMINISTRATION & DOSAGE

Prophylactic and curative action of Trasylol in pancreatitis. A double-blind trial. Baden H, et al. Scand J Gastroent 4:291-5, 1969  
Effect of long-term administration of secretory suppressives on rat pancreas. Lee YS, et al. Yonsei Med J 10:19-24, 1969  
[Clinical trial with Trasylol against acute pancreatitis] Möller C, et al.  
Ann Chir Gynaec Fenn 58:296-9, 1969 (Ger)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[The aging joint] Heiss J, et al.  
Deutsch Zahnärztl Z 25:144-50, Feb 70 (Ger)  
[Distribution and excretion of naturally occurring and chemically modified protease inhibitors following intravenous injection in rats, dogs (and man)] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 350:1541-50, Dec 69 (Ger)  
[Postoperative changes in trypsin inhibitor activity in pancreatic secretion in the human and the effect of Trasylol] Dinstl K, et al.  
Langenbecks Arch Chir 325:353-6, 1969 (Ger)  
[Modification of various forms of edema of the rat footpad by Trasylol] Kaller H.  
Langenbecks Arch Chir 325:288-92, 1969 (Ger)  
[Effect of Trasylol on thromboembolism and wound healing] Matis P, et al.  
Langenbecks Arch Chir 325:364-9, 1969 (Ger)  
[Dehiscence of intestinal anastomoses caused by



# SUBJECT SECTION

- intraperitoneal administration of Trasylol] Schima E. Langenbecks Arch Chir 325:336-40, 1969 (Ger)  
[The treatment of arthroses of the knee joint with Trasylol] Uebel H. Langenbecks Arch Chir 325:356-8, 1969 (Ger)  
[Are there contraindications for the intraperitoneal use of Trasylol] Vorster CF. Langenbecks Arch Chir 325:333-6, 1969 (Ger)  
[Intra-articular therapy with a proteinase inhibitor] Thumb N, et al. Wien Z Inn Med 51:7-11, 1970 (Ger)  
[Effect of a protease inhibitor on the Tourniquet syndrome in the rat. I. Influence on the postischemic edema in relation to dose and time of Trasylol injection] Elgler FW, et al. Z Ges Exp Med 151:55-63, 19 Sep 69 (Ger)  
[Effect of a protease inhibitor on the Tourniquet syndrome in the rat. II. Improvement of survival time in Tourniquet-shock by Trasylol] Stock W, et al. Z Ges Exp Med 151:64-73, 19 Sep 69 (Ger)  
[Treatment of arthropathies with intra-articular injections of Trasylol R] Cruz Filho A. Hospital (Rio) 76:1433-8, Oct 69 (Por)  
[Effect of trasylol on fibrinolytic activity of tissues] Malusina IB. Farmakol Toksik 32:628-31, Sep-Oct 69 (Rus)  
[Protracted administration of medical substances into the aorta in abdominal diseases] Prokubovskii VI, et al. Khirurgia (Moskva) 45:21-7, May 69 (Rus)  
[Use of Trasylol in acute pancreatitis] Kubangaleev SM, et al. Klin Med (Moskva) 47:63-8, Apr 69 (Rus)  
[Transumbilical introduction of trasylol in complex treatment of acute destructive pancreatitis] Volobuev NN, et al. Sovet Med 31:30-3, Dec 68 (Rus)

## ADVERSE EFFECTS

- Prophylactic and curative action of Trasylol in pancreatitis. A double-blind trial. Baden H, et al. Scand J Gastroent 4:291-5, 1969  
[Dehiscence of intestinal anastomoses caused by intraperitoneal administration of Trasylol] Schima E. Langenbecks Arch Chir 325:336-40, 1969 (Ger)  
[Are there contraindications for the intraperitoneal use of Trasylol] Vorster CF. Langenbecks Arch Chir 325:333-6, 1969 (Ger)  
[Intra-articular therapy with a proteinase inhibitor] Thumb N, et al. Wien Z Inn Med 51:7-11, 1970 (Ger)  
[Use of Trasylol in acute pancreatitis] Kubangaleev SM, et al. Klin Med (Moskva) 47:63-8, Apr 69 (Rus)

## ANALYSIS

- Kallikreins and their inhibitors in various tissues. Hori S, et al. Mie Med J 18:223-33, Jan 69  
[Studies on the distribution and elimination of a proteinase inhibitor with isotope techniques] Arndts D, et al. Arzneimittelforschung 20:667-74, May 70 (Ger)  
[Identity of the polyvalent protease inhibitor from sheep lung with the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al. Hoppe Seyler Z Physiol Chem 351:139-44, Feb 70 (Ger)  
[Preparation and properties of active derivatives of the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al. Hoppe Seyler Z Physiol Chem 350:1531-40, Dec 69 (Ger)  
[Standardization of protease inhibitor from cattle organs] Markwardt F, et al. Pharmazie 24:620-2, Oct 69 (Ger)  
[Proteinase inhibitors. 2. Proteinase inhibitors and insulin preparation] Stokov I, et al. Pharmazie 24:477-9, Aug 69 (Ger)

## BLOOD

- Formation and destruction of plasma kinins during experimental acute hemorrhagic pancreatitis in dogs. Ofstad E. Scand J Gastroent 5:Suppl 5:1-44, 1970  
Relationship of antitrypsin deficiency to the pathogenesis of emphysema. Pierce JA, et al. Trans Ass Amer Physicians 82:87-97, 1969  
Observations on the plasma kallikrein system during myocardial ischemia. Pitt B, et al. Trans Ass Amer Physicians 82:98-108, 1969  
[Studies on the distribution and elimination of a proteinase inhibitor with isotope techniques] Arndts D, et al. Arzneimittelforschung 20:667-74, May 70 (Ger)  
[Cold urticaria and the kinin system] Duck HJ. Deutsch Med Wschr 94:2059-60, 3 Oct 69 (Ger)  
[Identity of progressive antikallikrein with

- alpha1-antitrypsin from human serum] Fritz H, et al. Hoppe Seyler Z Physiol Chem 350:1551-5, Dec 69 (Ger)

## DIAGNOSTIC USE

- [Enzyme diagnosis in cases of brain injury] Heller W, et al. Acta Neurochir (Wien) 20:299-308, 1969 (Ger)

## ISOLATION & PURIFICATION

- [Identity of the polyvalent protease inhibitor from sheep lung with the trypsin-kallikrein inhibitor from bovine organs] Fritz H, et al. Hoppe Seyler Z Physiol Chem 351:139-44, Feb 70 (Ger)

## METABOLISM

- [Studies on the distribution and elimination of a proteinase inhibitor with isotope techniques] Arndts D, et al. Arzneimittelforschung 20:667-74, May 70 (Ger)  
[Distribution and excretion of naturally occurring and chemically modified protease inhibitors following intravenous injection in rats, dogs (and man)] Fritz H, et al. Hoppe Seyler Z Physiol Chem 350:1541-50, Dec 69 (Ger)  
[Pharmacology of Trasylol] Kaller H. Hospital (Rio) 75:715-22, Feb 69 (Por)

## PHARMACODYNAMICS

- Influence of an enzyme from aspergillus oryzae, protease I, on some components of the fibrinolytic system. Kiessling H, et al. Acta Chem Scand 24:569-79, 1970  
Immunological quantitative method for fibrinolytic split products and its clinical use. Seo M. Acta Haemat Jap 32:406-16, Jun 69  
An assay method for trasylol based on the in vitro inhibition of human plasma kallikrein. Briseid G. Acta Pharmacol (Kobenhavn) 28:225-32, 1970  
Inhibition of thromboplastin-induced intravascular coagulation by heparin and Trasylol. Nordström S. Acta Physiol Scand 79:390-404, Jul 70  
Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. Acta Physiol Scand Suppl 337:1-4, 1970  
Effects of epsilon aminocaproic acid (EACA) and Trasylol on thromboplastin-induced intravascular coagulation, studied in dogs with iodine-labelled fibrinogen. Nordström S, et al. Acta Physiol Scand 76:93-105, May-Jun 69  
Relationship of plasma peptides to the myocardial depressant factor in hemorrhagic shock in cats. Lefer AM, et al. Circ Res 26:59-69, Jan 70  
Specificity of potato kallikrein inhibitors for kallikreins. Moriya H, et al. Experientia 26:720-1, 1970  
Studies with antibodies to gastrin. Radioimmunoassay in human serum and physiological studies. McGuigan JE, et al. Gastroenterology 58:139-50, Feb 70  
The biological and immunological properties of pork and beef insulin, proinsulin, and connecting peptides. Kitabchi AE. J Clin Invest 49:979-87, May 70  
C5 chemotactic fragments produced by an enzyme in lysosomal granules of neutrophils. Ward PA, et al. J Immun 104:535-43, Mar 70  
Anti-inflammatory effect of the trypsin-kallikrein inhibitor in acute arthritis induced by urate crystals in rabbits. Spilberg I, et al. J Lab Clin Med 76:472-9, Sep 70  
Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al. Lancet 2:665, 26 Sep 70  
Kinin formation and inactivation by alcalase, a proteolytic enzyme. Henningsen SJ, et al. Proc Soc Exp Biol Med 132:459-61, Nov 69  
In vivo effect of reptilase on fibrinogen metabolism in dogs. Egberg N, et al. Scand J Clin Lab Invest 24:383-5, Dec 69  
The role of endotoxin in disseminated intravascular coagulation. Beller FK. Thromb Diath Haemorrh 36:Suppl 36:125+, 1969  
[A method of radioimmunological determination of glucagon involving separation by charcoal and dextran] Leclercq-Meyer V, et al. Diabetologia 6:121-9, Apr 70 (Fre)  
[Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al. Nouv Rev Franc Hemat 9:575-7, Jul-Aug 69 (Fre)  
[Characterization of the protamine-hydrolyzing



## SUBJECT SECTION

- enzyme activity of the rat serum] Kleine R, et al. *Acta Biol Med German* 22:525-35, 1969 (Ger)
- [Effect of trasylol and of other vasoactive substances on isolated arteries and veins] Brecht K, et al. *Aerztl Forsch* 24:86-92, 10 Mar 70 (Ger)
- [The effect of antifibrinolytic agents on thrombocyte aggregation in vitro and in vivo] Hladovec J. *Folia Haemat (Leipzig)* 92:524-8, 1969 (Ger)
- [On the combined effect of PAMBA and contrykal] Richter M, et al.
- Folia Haemat (Leipzig)* 92:90-2, 1969 (Ger)
- [Effect of proinsulin on alanine metabolism in the isolated perfused rat liver] Rudorff KH, et al. *Hoppe Seyler Z Physiol Chem* 351:292, Mar 70 (Ger)
- [Influence of Trasylol on the effect of various proteases on erythrocytes] Uhlenbruck G, et al. *Klin Wschr* 47:673-5, 15 Jun 69 (Ger)
- [Improvement of the method of demonstrating specific endopeptidases in cancer (modified Abderhalden reaction)] Tetzner E. *Krebsarzt* 24:289-94, 1969 (Ger)
- [Modification of permeability disorders of the brain by means of natural proteinase inhibitors] Blümel G. *Langenbecks Arch Chir* 325:310-4, 1969 (Ger)
- [Experimental studies on fat embolism] Heller W, et al. *Langenbecks Arch Chir* 325:314-22, 1969 (Ger)
- [Chemistry and mode of action of Trasylol] Werle E. *Langenbecks Arch Chir* 325:284-8, 1969 (Ger)
- [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.
- Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. I. Comparative studies with varying collection techniques] Gmür JP, et al.
- Thromb Diath Haemorrh* 23:82-90, 28 Feb 70 (Ger)
- [Effect of a protease inhibitor on the Tourniquet syndrome in the rat. I. Influence on the postschismic edema in relation to dose and time of Trasylol injection] Elgier FW, et al.
- Z Ges Exp Med* 151:55-63, 19 Sep 69 (Ger)
- [Histological and immunofluorescence studies on the inhibition of the direct passive Arthus reaction (DPA) in rat paws by benadryl and trasylol] Denk H, et al. *Z Immunitätsforsch* 139:25-42, Dec 69 (Ger)
- [Intestinal antibodies. II. Occurrence and protective activity of intestinal antibodies after the blocking of the antagonistic action of intestinal secretions] Müller-Ruchholtz W, et al.
- Z Immunitätsforsch* 140:105-14, Jul 70 (Ger)
- [Intestinal antibodies. I. Antibody destroying effect of intestinal secretions and its prevention] Sonntag HG, et al. *Z Immunitätsforsch* 140:94-104, Jul 70 (Ger)
- [Proteinase K: a new serological effective protease from fungi] Roelcke D, et al.
- Z Med Mikrobiol Immun* 155:156-70, 1969 (Ger)
- [Fat embolism. Pathophysiological bases of respiratory insufficiency and therapeutic consequences: intermittent positive-pressure respiration, induced hypothermia and enzyme inhibitor treatment (Trasylol)] Schlag G.
- Zbl Chir* 94:524-40, 19 Apr 69 (Ger)
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfelfer GW, et al. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)
- [Differentiation of the oxytocic action in vitro of trasylol and kallikrein] Baraldi M.
- Boll Soc Ital Biol Sper* 45:436-8, 15 Apr 69 (Ita)
- [Effect of a proteolysis inhibitor on fibrinolytic activity in acute peritonitis] Rubino M, et al.
- Rass Int Clin Ter* 48:587-96, 31 May 68 (Ita)
- [Antiplasmins] Enache F, et al.
- Med Intern (Bucur)* 22:667-76, Jun 70 (17 ref.) (Rum)
- [Kininogenase and kininase activity of some snake venoms] Evseeva LF, et al.
- Farmakol Toksik* 32:432-4, Jul-Aug 69 (Rus)
- [Effect of trasylol on fibrinolytic activity of tissues] Malusina IB.
- Farmakol Toksik* 32:628-31, Sep-Oct 69 (Rus)
- [Antiproteolytic properties of nonsteroid anti-inflammatory agents] Trinus FP, et al.
- Farmakol Toksik* 32:715-8, Nov-Dec 69 (Rus)
- [Regulation of insulin release in perfused pancreatic tissue] Burr IM, et al.
- Acta Diabet Lat [Suppl]* 1:580-96, Sep 69 (Mul)

### STANDARDS

- [Standardization of protease inhibitor from cattle

organs] Markwardt F, et al. *Pharmazie* 24:620-2, Oct 69 (Ger)

### THERAPEUTIC USE

- The effects of trasylol and aminocaproic acid in post-prostatectomy haemorrhage. Pearson BS. *Brit J Urol* 41:602, Oct 69
- Histochemical study of the changes in endometrial fibrinolytic activity during treatment of menometrorrhagia with antifibrinolytics. Koutsky J, et al. *Gynaecologia (Basel)* 168:241-7, 1969
- Pancreatitis associated with hyperparathyroidism. Battersby C, et al. *Med J Aust* 2:1268-70, 20 Dec 69
- Effect of antihistaminics, trasylol and cortisone acetate on kallikrein-induced proteinuria. Horl S, et al. *Mie Med J* 18:217-22, Jan 69
- Is there a place for proteinase inhibition? A review of the literature. Lister GD. *Postgrad Med J* 45:571-3, Aug 69 (42 ref.)
- Kininogen level in clinical pancreatitis during treatment with trypsin inhibitor from bovine lung. Blomqvist H, et al.
- Scand J Clin Lab Invest Suppl* 107:173+, 1969
- Kininogen level in clinical pancreatitis during treatment with trypsin inhibitor from bovine lung. Blomqvist H, et al.
- Scand J Clin Lab Invest* 24:Suppl 107:173+, 1969
- Treatment of urticaria with a kallikrein inhibitor. Juhlin L, et al.
- Scand J Clin Lab Invest Suppl* 107:149+, 1969
- Treatment of urticaria with a kallikrein inhibitor. Juhlin L, et al.
- Scand J Clin Lab Invest* 24:Suppl 107:149+, 1969
- [Use of antifibrinolytic agents in obstetrics] Vojta M. *Cesk Gynec* 35:384-6, Jul 70 (Cze)
- [Administration of epsilon-aminocaproic acid in neurosurgery] Petr R, et al. *Cesk Neurol* 32:273-8, Oct 69 (Cze)
- [Recent knowledge on acute pancreatitis] Hugulier M, et al. *Cah Coll Med Hop Paris* 10:903-6, Sep 69 (Fre)
- [Clinical trial with Trasylol against acute pancreatitis] Möller C, et al.
- Ann Chir Gynaec Fenn* 58:296-9, 1969 (Ger)
- [Influencing the effect of epicutaneously applied trypsin by means of a trypsin inhibitor and dermatologic pretreatment of the human skin in vivo] Ala-Adini S, et al.
- Arch Klin Exp Derm* 238:97-106, 1970 (Ger)
- [The therapy of intravascular blood coagulation disorders in pediatrics] Brüster H.
- Bibl Haemat* 32:305-11, 1969 (Ger)
- [Experimental studies on adhesion prevention in the pleural cavity using chondroitin sulfuric acid] Arnold K, et al. *Bruns Beitr Klin Chir* 217:374-6, Jun 69 (Ger)
- [Postoperative abdominal wall rupture] Böttger G, et al. *Chirurg* 40:80-5, Feb 69 (Ger)
- [Consumption coagulopathy] Holzknacht F. *Deutsch Med Wschr* 95:1277-8, 5 Jun 70 (Ger)
- [Therapy of amniotic fluid embolism] Striegler E, et al. *Geburtsh Frauenheilk* 29:725-8, Aug 69 (Ger)
- [201 cases of pancreatitis treated with Trasylol] Asp K, et al. *Langenbecks Arch Chir* 325:351-2, 1969 (Ger)
- [Postoperative changes in trypsin inhibitor activity in pancreatic secretion in the human and the effect of Trasylol] Dinstl K, et al.
- Langenbecks Arch Chir* 325:353-6, 1969 (Ger)
- [Effect of fibrinolysis on possible thrombocytic disorders] Fürstenberg H, et al.
- Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Trasylol in clinical pancreatitis] Grözingen KH. *Langenbecks Arch Chir* 325:343-7, 1969 (Ger)
- [Effect of proteinase inactivators in acute pancreatic diseases] Hoferichter J.
- Langenbecks Arch Chir* 325:347-51, 1969 (Ger)
- [Complications and causes of death following sphincterotomy] Jelinek R.
- Langenbecks Arch Chir* 325:594-8, 1969 (Ger)
- [Modification of various forms of edema of the rat footpad by Trasylol] Kaller H.
- Langenbecks Arch Chir* 325:288-92, 1969 (Ger)
- [Treatment of local and generalized radiation side-effects] Kärcher KH.
- Langenbecks Arch Chir* 325:993-7, 1969 (Ger)
- [Attempt to prolong the survival of skin homotransplants by means of Trasylol treatment] Köhnlein HE.
- Langenbecks Arch Chir* 325:295-7, 1969 (Ger)
- [Treatment of the tourniquet syndrome with Trasylol]



## SUBJECT SECTION

- Kristen H, et al.  
[Langenbecks Arch Chir 325:292-5, 1969 (Ger)]  
[Trasylol in hyperfibrinolytic conditions] Ludwig H.  
Langenbecks Arch Chir 325:358-61, 1969 (Ger)  
[Effect of Trasylol on thromboembolism and wound healing] Matis P, et al.  
Langenbecks Arch Chir 325:364-9, 1969 (Ger)  
[Fat embolism and proteinase inhibitors] Mörl FK, et al.  
Langenbecks Arch Chir 325:369-72, 1969 (Ger)  
[Trasylol and peritonitis] Nagel M.  
Langenbecks Arch Chir 325:327-33, 1969 (Ger)  
[Significance of plasma kinins in ileus] Schlier J.  
Langenbecks Arch Chir 325:340-3, 1969 (Ger)  
[The status of Trasylol in the treatment of acute pancreatitis] Schönbach G.  
Langenbecks Arch Chir 325:306-10, 1969 (Ger)  
[Course observations on enzyme changes in infectious tetanus] Stolz C, et al.  
Langenbecks Arch Chir 325:949-52, 1969 (Ger)  
[The treatment of arthroses of the knee joint with Trasylol] Uebel H.  
Langenbecks Arch Chir 325:356-8, 1969 (Ger)  
[Are there contraindications for the intraperitoneal use of Trasylol] Vorster CF.  
Langenbecks Arch Chir 325:333-6, 1969 (Ger)  
[Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
[Symposium on new aspects of Trasylol therapy. Munich, October 20-21 1969] Matis P.  
Med Welt 52:2812-6, Dec 69 (Ger)  
[Hemolytic uremic syndrome. Treatment attempt with a proteinase inhibitor] Ritter R.  
Med Welt 52:2790-6, Dec 69 (Ger)  
[Treatment of acute kidney failure and chronic kidney failure using supplemental trasylol therapy] Thune S, et al.  
Med Welt 52:2797-809, Dec 69 (Ger)  
[Hemorrhage and thrombosis prevention in prostatectomy] Vecsey D, et al.  
Med Welt 30:1666-8, 26 Jul 69 (Ger)  
[Data collection with a marking reader in clinical tests] Ehlers CT, et al.  
Meth Inform Med Suppl 3:221-9, 1968 (Ger)  
[Diagnosis and therapy of vascular, thrombocytic and plasmatic kidney hemorrhage] Bruster H.  
Mschr Kinderheilk 117:360-3, Apr 69 (Ger)  
[Peritonitis and ileus in pregnant women and puerperae] Lindenschmidt W, et al.  
München Med Wschr 111:2399-405, 14 Nov 69 (Ger)  
[Treatment possibilities in allergic diseases] Raab W.  
Ther Gegenw 108:1710 passim, 1969 (Ger)  
[Intra-articular therapy with a proteinase inhibitor] Thumb N, et al.  
Wien Z Inn Med 51:7-11, 1970 (Ger)  
[Effect of a protease inhibitor on the Tourniquet syndrome in the rat. II. Improvement of survival time in Tourniquet-shock by Trasylol] Stock W, et al.  
Z Ges Exp Med 151:64-73, 19 Sep 69 (Ger)  
[Therapeutic use of natural proteinase inhibitors] Gülzow M.  
Z Ges Inn Med 24:785-90, 15 Nov 69 (Ger)  
[Treatment of neglected acute abdomen] Bernstein R.  
Zbl Chir 94:433-7, 29 Mar 69 (Ger)  
[Prevention of adhesions of the pleura and pericardium] Satter P, et al.  
Zbl Chir 95:1-10, 3 Jan 70 (Ger)  
[Fat embolism. Pathophysiological bases of respiratory insufficiency and therapeutic consequences: intermittent positive-pressure respiration, induced hypothermia and enzyme inhibitor treatment (Trasylol)] Schlag G.  
Zbl Chir 94:524-40, 19 Apr 69 (Ger)  
[The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfelfer GW, et al.  
Zbl Gynaek 91:1292-5, 4 Oct 69 (Ger)  
[The role of vascular factors in acute experimental pancreatitis; therapeutic attempt] Papp M, et al.  
Orv Hetil 111:259-63, 1 Feb 70 (Hun)  
[Antithrombotic and antihemorrhagic effect of antienzymes in various pathologic conditions] Agresti A, et al.  
Rass Int Clin Ter 48:339-46, 31 Mar 68 (Ita)  
[Effect of a proteolysis inhibitor on fibrinolytic activity in acute peritonitis] Rubino M, et al.  
Rass Int Clin Ter 48:587-96, 31 May 68 (Ita)  
[Symposium: problems in extracorporeal circulation] Minoba Y, et al.  
Iryo 23:204-8, 1969 (Jap)  
[Fibrinolytic and "consumption" coagulopathy. Therapeutic and clinical remarks] Dyk T.  
Pol Tyg Lek 24:1318-22, 25 Sep 69 (Pol)  
[Treatment of pancreatic diseases with kallikrein-trypsin inhibitor] Pótorak JL, et al.  
Pol Tyg Lek 25:810-2, Jun 70 (Pol)  
[Evaluation of trasylol in the prevention of experimental peritoneal adhesions] Badowski A, et al.  
Wiad Lek 22:1649-54, 15 Sep 69 (Pol)  
[Conservative treatment of acute pancreatitis (according to data from foreign publications, 1963-1966)] Lashchevker VM.  
Khirurgia (Moskva) 45:142-9, Mar 69 (165 ref.) (Rus)  
[Treatment of acute pancreatitis with trasylol] Senkovskaia Ial.  
Khirurgia (Moskva) 45:98-101, Aug 69 (Rus)  
[Antienzyme treatment of acute pancreatitis] Kochnev OS, et al.  
Klin Med (Moskva) 47:60-3, Apr 69 (Rus)  
[Use of Trasylol in acute pancreatitis] Kubangaleev SM, et al.  
Klin Med (Moskva) 47:63-8, Apr 69 (Rus)  
[The efficacy of complex treatment of acute pancreatitis] Nikolaev VA.  
Klin Med (Moskva) 47:52-5, Apr 69 (Rus)  
[Transumbilical introduction of trasylol in complex treatment of acute destructive pancreatitis] Volobuev NN, et al.  
Sovet Med 31:30-3, Dec 68 (Rus)  
[Clinical and experimental principles of anti-enzyme therapy] Silva Pozo J, et al.  
Rev Clin Esp 113:209-24, 15 May 69 (57 ref.) (Spa)
- ### URINE
- [Studies on the distribution and elimination of a proteinase inhibitor with isotope techniques] Arndts D, et al.  
Arzneimittelforschung 20:667-74, May 70 (Ger)  
[Distribution and excretion of naturally occurring and chemically modified protease inhibitors following intravenous injection in rats, dogs (and man)] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 350:1541-50, Dec 69 (Ger)
- ### LIPOPROTEIN LIPASE
- A specific apoprotein activator for lipoprotein lipase.  
LaRosa JC, et al.  
Biochem Biophys Res Commun 41:57-62, 9 Oct 70  
The effect of pH, sodium chloride and protamine sulphate on the formation of a complex between rat adipose-tissue lipoprotein lipase and chylomicrons.  
Blimpson T, et al.  
Biochim Biophys Acta 187:447-9, 28 Oct 69  
Activation of lipoprotein lipase. Comparative study of man and other mammals. Wayne TF Jr, et al.  
Circ Res 26:545-51, May 70  
The interaction of protamine with human blood plasma proteins. Loštický C.  
Experientia 25:1034, 15 Oct 69  
[Hyperlipemia of lipid nephrosis in children. Study by intravenous triglyceride tolerance test] Jean R, et al.  
Arch Franc Pediat 27:123-60, Feb 70 (Fre)  
[Biochemistry of the fatty tissue] Gajdos A.  
Presse Med 78:319-23, 7 Feb 70 (Fre)  
[Enzymatic determination of mono-, di- and triglycerides in serum following thin layer chromatography separation] Zöllner N, et al.  
Z Klin Chem 7:339-45, Jul 69 (Ger)
- ### ADMINISTRATION & DOSAGE
- [Effect of combined therapy with lysosome labilizer and antineoplastic agents with reference to increased effect of mitomycin C by lipoprotein lipase] Niltani H, et al.  
Saishin Igaku 25:172-6, 10 Jan 70 (Jap)
- ### ANALYSIS
- The occurrence of a heparin-like glycosaminoglycan in bovine milk and its possible association with lipoprotein lipase. Olivecrona T, et al.  
Acta Chem Scand 23:3587-9, 1969  
Lipolytic activity in the pancreas. Müller WR.  
Biochem J 115:49P-50P, Dec 69  
Biological activity of cellular components of group A streptococci in vivo. Rotta J.  
Curr Top Microbiol Immun 48:63-101, 1969  
Comparison of several enzymes and components of milk, blood, and tissues between cows and ewes. Yousef IM, et al.  
J Dairy Sci 52:1577-81, Oct 69  
A rapid assay for lipoprotein lipase. Scholtz MC, et al.  
J Lipid Res 11:68-9, Jan 70  
[Prostaglandins] Hynle S.  
Cesk Fysiol 18:43-71, Jun 69 (417 ref.) (Cze)  
[The relationship of stress to the lipoprotein lipase activity in the myocardium in experimental diabetes] Bondarenko MF.  
Probl Endokr (Moskva) 16:92-5, Mar-Apr 70 (Rus)



[Distribution of the lipolytic enzymes in the ovaries in Stein-Leventhal syndrome] Bronshtein ME, et al. *Probl Endokr (Moskva)* 13:32-7, Nov-Dec 67 (Rus)

## ANTAGONISTS &amp; INHIBITORS

- Effect of ethyl p-chlorophenoxyisobutyrate on rat adipose lipoprotein lipase activity. Tolman EL, et al. *Amer J Physiol* 218:1313-8, May 70
- Lipolytic activity in the pancreas. Miller WR. *Biochem J* 115:49P-50P, Dec 69
- The effect of pH, sodium chloride and protamine sulphate on the formation of a complex between rat adipose-tissue lipoprotein lipase and chylomicrons. Bimpson T, et al. *Biochim Biophys Acta* 187:447-9, 28 Oct 69
- Human lipoprotein lipase. II. Inhibition of enzyme activity by plasma low density lipoproteins. Fielding CJ. *Biochim Biophys Acta* 206:118-24, 22 Apr 70
- Mechanism of triglyceridemia in hypercholesterolemic rabbits. Huang CC, et al. *Circ Res* 26:771-82, Jun 70
- Influence of heparin on the removal of serum lipoprotein lipase by the perfused liver of the rat. Naito C, et al. *J Lipid Res* 11:48-53, Jan 70
- A rapid assay for lipoprotein lipase. Schotz MC, et al. *J Lipid Res* 11:68-9, Jan 70
- Inhibition of postheparin lipolytic activity in uremia and its relationship to hypertriglyceridemia. Boyer JL, et al. *Proc Soc Exp Biol Med* 134:603-5, Jul 70
- [Enzymatic determination of mono-, di- and triglycerides in serum following thin layer chromatography separation] Zöllner N, et al. *Z Klin Chem* 7:339-45, Jul 69 (Ger)
- [Hormone sensitive lipase] Matsuhara Y. *Folia Endocr Jap* 46:163-75, 20 May 70 (Jap)

## BIOSYNTHESIS

Lipoprotein lipase activity in marasmic type of protein-calorie malnutrition. Gürson CT, et al. *Arch Dis Child* 44:765-8, Dec 69

## BLOOD

- Effects of high-carbohydrate diets on lipid and carbohydrate metabolism in the rat. Eaton RP, et al. *Amer J Physiol* 217:1160-8, Oct 69
- Lipoprotein lipase activity in marasmic type of protein-calorie malnutrition. Gürson CT, et al. *Arch Dis Child* 44:765-8, Dec 69
- Quantitative determination of heparin released lipoprotein lipase activity in human plasma. Oberg J. *Arch Ges Virusforsch* 29:452-6, 1970
- Human lipoprotein lipase. II. Inhibition of enzyme activity by plasma low density lipoproteins. Fielding CJ. *Biochim Biophys Acta* 206:118-24, 22 Apr 70
- Human lipoprotein lipase. I. Purification and substrate specificity. Fielding CJ. *Biochim Biophys Acta* 206:109-17, 22 Apr 70
- Mechanism of triglyceridemia in hypercholesterolemic rabbits. Huang CC, et al. *Circ Res* 26:771-82, Jun 70
- Effect of glucose and fat loading on lipoprotein lipase activity in plasma and tissues of diabetes. Shigeta Y, et al. *Endocr Jap* 16:541-6, Oct 69
- Studies of optimal conditions for the measurement of circulating endogenous lipoprotein lipase activity. Engelberg H. *J Atheroscler Res* 10:353-8, Nov-Dec 69
- Influence of heparin on the removal of serum lipoprotein lipase by the perfused liver of the rat. Naito C, et al. *J Lipid Res* 11:48-53, Jan 70
- A rapid assay for lipoprotein lipase. Schotz MC, et al. *J Lipid Res* 11:68-9, Jan 70
- Physicochemical responses to heparin in non-pregnant, normal pregnant, and eclamptic patients. Nelson GH, et al. *J Obstet Gynaec Brit Comm* 77:359-64, Apr 70
- Effect of oral contraceptives on lipoprotein lipase activity and platelet stickiness. Adams JH, et al. *Lancet* 2:333-5, 15 Aug 70
- Plasma lipoprotein lipase in children with idiopathic nephrotic syndrome. Hyman LR, et al. *Pediatrics* 44:1021-4, Dec 69
- Inhibition of postheparin lipolytic activity in uremia and its relationship to hypertriglyceridemia. Boyer JL, et al. *Proc Soc Exp Biol Med* 134:603-5, Jul 70
- The depletion and restoration of post-heparin lipolytic activity in the human forearm. Nestel PJ. *Proc Soc Exp Biol Med* 134:896-9, Jul 70
- The specific property of paraprotein lipids in serum concerning the heparin clearing effect. Keler-Bačoka M. *Z Klin Chem* 8:9-11, Jan 70

[Changes of some indicators of lipid metabolism following short term administration of Biogest to fertile non-pregnant women and in the 1st trimester of pregnancy] Fabian E, et al. *Cas Lek Cesk* 108:1466-9, Nov 69 (Cze)

- [Effect of androgens on the activity of heparin-activated lipolytic enzymes in healthy persons and in patients with liver cirrhosis] Fabian E, et al. *Cas Lek Cesk* 109:33-7, Jan 70 (Cze)
- [Ovarian hormones and activity of lipolytic enzymes] Kobilková J, et al. *Cesk Gynek* 34:586-9, Dec 69 (Cze)
- [Effect of dexamethasone on the lipoprotein lipase and postheparin esterase activity in cirrhotic patients] Stork A, et al. *Sborn Lek* 71:315-8, Dec 69 (Cze)
- [Physical and chemical properties and pharmacological and toxicological study of potassium hydrodextran sulphate] Parés J, et al. *Therapie* 24:1071-87, Nov-Dec 69 (Fre)
- [Hyperlipemia in endocrine diseases, especially in diabetes mellitus] Fukui I. *Jap J Clin Path* 18:237-44, Apr 70 (Jap)
- [Effect of muscle loading on the lipolytic activity of blood serum and cardiac muscle in rats under normal conditions and in alloxan diabetes] Litovchenko IuS, et al. *Pat Fiziol Eksp Ter* 14:37-42, May-Jun 70 (Rus)
- [Lipoprotein lipase activity of the blood in patients with pulmonary tuberculosis] Gridina GD. *Probl Tuberk* 47:52-6, 1969 (Rus)
- [Blood clearing factor in infectious hepatitis] Malygina-Dudarova SI, et al. *Sovet Med* 32:51-3, Apr 69 (Rus)
- [Blood glutathione level in atherosclerotics subjected to vitamin B 12 treatment] Ol'shanskii ChS. *Vop Pitani* 28:21-4, May-Jun 69 (Rus)
- [Cleavage of exogenous lipids in patients with chronic hepatic disease] Shaternikov VA, et al. *Vop Pitani* 28:11-6, Mar-Apr 69 (Rus)
- [Some changes in lipid metabolism in atherosclerotic patients following treatment with vitamins B 1, B 6, and B 12] Sokolov IM. *Vop Pitani* 28:17-21, May-Jun 69 (Rus)
- [Effect of telecobalt therapy on the content of lipoprotein lipase in plasma] Novaković R, et al. *Med Pregl* 22:149-53, 1969 (Ser)

## ISOLATION &amp; PURIFICATION

- Stabilization and partial purification of lipoprotein lipase. Reichl D. *Biochem J* 114:71P, Oct 69
- Human lipoprotein lipase. I. Purification and substrate specificity. Fielding CJ. *Biochim Biophys Acta* 206:109-17, 22 Apr 70

## METABOLISM

- Platelet adhesiveness and lipoprotein lipase activity in controls and in subjects taking oral contraceptives. Ham JM, et al. *Amer J Obstet Gynec* 105:628-31, 15 Oct 69
- Effect of ethyl p-chlorophenoxyisobutyrate on rat adipose lipoprotein lipase activity. Tolman EL, et al. *Amer J Physiol* 218:1313-8, May 70
- Lipoprotein lipase activity in marasmic type of protein-calorie malnutrition. Gürson CT, et al. *Arch Dis Child* 44:765-8, Dec 69
- Hydrolysis of diglyceride and glyceryl monoester diethers with "lipoprotein lipase". Greten H, et al. *Biochim Biophys Acta* 210:39-45, 9 Jun 70
- Metabolic effects of ethanol on the rabbit heart. Kikuchi T, et al. *Circ Res* 26:625-34, May 70
- Effect of glucose and fat loading on lipoprotein lipase activity in plasma and tissues of diabetes. Shigeta Y, et al. *Endocr Jap* 16:541-6, Oct 69
- Effect of extended infusion of a low dose of heparin on plasma FFA levels. Baker RM, et al. *J Clin Endocr* 30:670-1, May 70
- Formation of cholesteryl ester-rich particulate lipid during metabolism of chylomicrons. Redgrave TG. *J Clin Invest* 49:465-71, Mar 70
- Effect of fasting on the clearing factor lipase (lipoprotein lipase) activity of fresh and defatted preparations of rat heart muscle. Borensztajn J, et al. *J Lipid Res* 11:102-10, Mar 70
- The effect of fasting on the utilization of chylomicron triglyceride fatty acids in relation to clearing factor lipase (lipoprotein lipase) releasable by heparin in the perfused rat heart. Borensztajn J, et al. *J Lipid Res* 11:111-7, Mar 70
- Influence of heparin on the removal of serum



- lipoprotein lipase by the perfused liver of the rat. Naito C, et al. *J Lipid Res* 11:48-53, Jan 70
- [Effect of estrogens on the activity of enzymes of lipid metabolism--lipoprotein lipases and postheparin esterases] Fabian E, et al. *Cas Lek Cesk* 108:1277-80, Oct 69 (Cze)
- [The metabolism of adipose tissue in normal man and in various metabolic disorders. I. Metabolism of normal human adipose tissue] Sezille G, et al. *Ann Biol Clin (Paris)* 28:115-9, 1970 (Fre)
- [Hormone sensitive lipase] Matsuhara Y. *Folia Endocr Jap* 46:163-75, 20 May 70 (Jap)
- [The effect of restricted food intake on the glucose and lipid metabolism in obese-hyperglycemic mice] Hata S. *J Physiol Soc Jap* 32:71-5, 1970 (Jap)
- [The digestion, absorption and transport of fat in the human body] Krygier T. *Pol Tyg Lek* 25:986-9, 29 Jun 70 (19 ref.) (Pol)
- [Changes in hydrolytic enzyme activity in a bone marrow macrophage tissue culture during intracellular parasitizing by typhoid bacteria] Leites FL, et al. *Biull Eksp Biol Med* 69:66-8, Feb 70 (Rus)
- [Myocardium lipolytic activity in experimental thyroidin toxicosis] Bondarenko MF. *Probl Endokr Gormonoter* 13:67-70, Jan-Feb 67 (Rus)
- [The effect of dietary fats on lipoprotein in lipase activity in obesity] Martyniuk IO. *Vrach Delo* 9:136-7, Sep 69 (Rus)
- [The relation between lipoprotein lipase and metabolic-lipidic parameters. I. Normal people] Diogo Giannini S, et al. *Rev Hosp Clin Fac Med S Paulo* 25:23-32, Jan-Feb 70 (Spa)

## PHYSIOLOGY

- Mechanism of triglyceridemia in hypercholesterolemic rabbits. Huang CC, et al. *Circ Res* 26:771-82, Jun 70

## PEPTIDE HYDROLASES

- Some enzymic properties of a protease from *Alternaria tenuissima*. Jönsson AG. *Acta Chem Scand* 23:1943-50, 1969
- Studies on streptomyces griseus protease. IV. Formation of 14c-acetyl enzyme of two DFP-sensitive components during reaction with p-nitrophenyl [1-14c] acetate. Wahlby S. *Acta Chem Scand* 24:703-4, 1970
- Studies on erythrocyte acetylcholinesterase. Tsukada T, et al. *Acta Haemat Jap* 32:353-60, Jun 69
- Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Gibiński K, et al. *Acta Med Pol* 11:97-101, 1970
- Role of pancreatic secretions in uremic gastroenterocolitis. Bounous G. *Amer J Surg* 119:264-8, Mar 70
- Continuous autoanalysis of glycopeptides and glycoproteins. Brummel MC, et al. *Anal Biochem* 33:16-27, Jan 70
- Determination of hyaluronic acid in the microgram range. Laurent TC, et al. *Anal Biochem* 31:133-45, 1 Oct 69
- Thyroglobulin iodoamino acids estimation after digestion with pronase and leucylaminopeptidase. Rolland M, et al. *Anal Biochem* 33:307-17, Feb 70
- Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al. *Ann Intern Med* 72:427-9, Mar 70 (27 ref.)
- Observations on intramitochondrial pH and ion transport by the 5,5-dimethyl 2,4-oxazolidinedione (DMO) method. Addanki S, et al. *Ann NY Acad Sci* 147:756-804, 31 Oct 69
- Observations on the biology of the ox warble-fly (*Hypoderma*: Diptera, Oestridae). 3. Dermolytic properties of larval extracts. Beesley WN. *Ann Trop Med Parasit* 63:157-60, Jun 69
- Methylated bases in DNA of animal origin. Culp LA, et al. *Arch Biochem* 136:73-9, Jan 70
- The chemistry of sheep anterior lens capsule. Denduchis B, et al. *Arch Biochem* 138:582-9, Jun 70
- Comparison of molecular structures of proteins: helix content; distribution of apolar residues. Klotz IM. *Arch Biochem* 138:704-6, Jun 70
- Distribution of carbohydrate among the polypeptide chains and plasmin digest products of human fibrinogen. Mills DA, et al. *Arch Biochem* 135:28-35, Dec 69
- On the specificity of *Bacillus subtilis* neutral protease in relation to the compound active site. Morihara K, et al. *Arch Biochem* 135:311-23, Dec 69
- Identification in the rat skin and subcutaneous granuloma of an enzyme liberating N-terminal glycyl-proline from peptides. Hopsu-Havu VK, et al. *Arch Klin Exp Derm* 235:301-7, 1969
- The role of pyrrolidone carboxylic acid in the initiation of immunoglobulin peptide chains. Baglioni C. *Biochem Biophys Res Commun* 38:212-9, 23 Jan 70
- An inhibitor polyphenylalanine synthesis in t-RNA preparations of *Saccharomyces cerevisiae*. Bichowsky-Slomnicki L. *Biochem Biophys Res Commun* 37:750-6, 20 Nov 69
- An active fragment of DNA polymerase produced by proteolytic cleavage. Brutlag D, et al. *Biochem Biophys Res Commun* 37:982-9, 4 Dec 69
- Evidence for pyrrolidone carboxylic acid in beta-galactosidase from E. Erickson RP, et al. *Biochem Biophys Res Commun* 37:736-43, 20 Nov 69
- Interactions of transfer RNA from E. coli and methylated bovine serum albumin. Goldin H, et al. *Biochem Biophys Res Commun* 36:1013-8, 10 Sep 69
- Enzymatic degradation of the components of asparaginyl-carbohydrate from chicken ovalbumin. Huang CC, et al. *Biochem Biophys Res Commun* 37:94-8, 24 Sep 69
- Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*. Jurasek L, et al. *Biochem Biophys Res Commun* 37:99-105, 24 Sep 69
- Isolation of a chromatographically unique glycopeptide from murine histocompatibility-2 (H-2) membrane alloantigens labelled with H3-fucose of H3-glucosamine. Muramatsu T, et al. *Biochem Biophys Res Commun* 38:1-8, 6 Jan 70
- Enzymatic hydrolysis of histones in rat kidney microsomes. Paik WK, et al. *Biochem Biophys Res Commun* 38:333-40, 23 Jan 70
- Presence of N-formyl- and N-acetyl-methionine in the proteins of honey bee thorax. Polz G, et al. *Biochem Biophys Res Commun* 39:516-21, 11 May 70
- The molecular weight of the undegraded polypeptide chain of yeast hexokinase. Pringle JR. *Biochem Biophys Res Commun* 39:46-52, 8 Apr 70
- The specificity of the Vi-phage II bacteriolytic enzyme. Taylor A. *Biochem Biophys Res Commun* 41:16-24, 9 Oct 70
- Incorporation of mannose into mouse brain lipid. Zatz M, et al. *Biochem Biophys Res Commun* 36:511-7, 7 Aug 69
- Glycopeptide linkages in a phosphomannan peptide from yeast cell walls. Cawley TN, et al. *Biochem J* 115:9P, Nov 69
- Insoluble pronase. Cresswell P, et al. *Biochem J* 117:43P-44P, Apr 70
- The primary structure of alamethicin. Payne JW, et al. *Biochem J* 117:757-66, May 70
- Structural studies on rabbit skeletal actin. I. Isolation and characterization of the peptides produced by cyanogen bromide cleavage. Adelstein RS, et al. *Biochemistry (Wash)* 9:1355-64, 17 Mar 70
- Initiation of phi-X-174 RF-primed protein with N-formylmethionine. Bryan RN, et al. *Biochemistry (Wash)* 9:1904-8, 28 Apr 70
- Environmental sensitivity of azo chromophores in arsanilazocarboxypeptidase. Kagan HM, et al. *Biochemistry (Wash)* 8:4223-31, Nov 69
- Partial sequences of six macroglobulin light chains. Absence of sequence correlates to functional activity. Kaplan AP, et al. *Biochemistry (Wash)* 8:3944-51, Oct 69
- Structural components of epithelial and endothelial basement membranes. Kefalides NA, et al. *Biochemistry (Wash)* 8:4613-21, Nov 69
- Studies on the biosynthesis of *Hansenula holstii* mannans from guanosine diphosphate mannose. Kozak LP, et al. *Biochemistry (Wash)* 9:1115-22, 3 Mar 70
- Porcine elastase. I. The presence of tyrosinate-splitting enzymes as impurities in elastase preparations. Marshall TH, et al. *Biochemistry (Wash)* 8:4665-71, Dec 69
- Porcine elastase. II. Properties of the tyrosinate-splitting enzymes and the specificity of elastase. Marshall TH, et al. *Biochemistry (Wash)* 8:4671-7, Dec 69
- Studies on lysyl transfer ribonucleic acid synthetase from *Escherichia coli*. Stern R, et al. *Biochemistry (Wash)* 8:4346-54, Nov 69
- The affinity-labeled residues in antibody active sites.



- II. Nearest-neighbor analyses. Thorpe NO, et al. *Biochemistry (Wash)* 8:4523-34, Nov 69
- The composition and structure of carbohydrate moiety of stem bromelain. Yasuda Y, et al. *Biochemistry (Wash)* 9:25-32, 6 Jan 70
- Alteration of the conformational response and inhibition of xanthosine 5'-phosphate aminase by adenine glycosides. Zyk N, et al. *Biochemistry (Wash)* 9:677-83, 3 Feb 70
- Pyrrolidonecarboxyl peptidase from rat liver. Armentrout RW. *Biochim Biophys Acta* 191:756-9, 1969
- The absence of alpha-keto acids in polymeric collagen. Ayad S, et al. *Biochim Biophys Acta* 188:302-6, 1969
- On the mechanism of hormone action. XV. Subcellular distribution and binding of (1,2-<sup>3</sup>H)cortisol in rat liver. Beato M, et al. *Biochim Biophys Acta* 192:494-507, 30 Dec 69
- The effect of acetylation on the stability of collagen fiber. Fujimoto D. *Biochim Biophys Acta* 200:172-4, 20 Jan 70
- An ATP-incorporating enzyme from rat brain. I. Solubilization and requirements. Gurgo C, et al. *Biochim Biophys Acta* 198:31-44, 14 Jan 70
- Pronase and "immunogenic RNA". Inactivation of mouse anti-phage antibody with pronase. Herscovitz HB, et al. *Biochim Biophys Acta* 200:408-11, 17 Feb 70
- Characterization of peptides released from human fibrinogen by Arvin. Holleman WH, et al. *Biochim Biophys Acta* 200:587-9, 31 Mar 70
- Biosynthesis of a glycolipid in starch grains from sweet corn. Lavintman N, et al. *Biochim Biophys Acta* 201:508-10, 24 Mar 70
- Identification of the carbohydrate-protein linking group in soybean hemagglutinin. Lis H, et al. *Biochim Biophys Acta* 192:364-6, 18 Nov 69
- Synthesis of peptidyl aminoacyl transfer RNA: a chemical method for the purification of transfer RNA's. Littauer UZ, et al. *Biochim Biophys Acta* 195:29-49, 19 Nov 69
- N-Terminal sequences of equine and human immunoglobulin heavy chains. Montgomery PC, et al. *Biochim Biophys Acta* 200:258-66, 17 Feb 70
- The effect of proteases on membrane ATPase from two lactic acid bacteria. Neujahr HY. *Biochim Biophys Acta* 203:261-70, 21 Apr 70
- Preferential loss of ATP-dependent long-chain fatty acid activating enzyme in mitochondria prepared using Nagarse. Pande SV, et al. *Biochim Biophys Acta* 202:43-8, 10 Feb 70
- Isolation of nuclei from *Euglena gracilis*. Parenti F, et al. *Biochim Biophys Acta* 195:234-43, 19 Nov 69
- Activation of thymidine kinase of adult rat liver by the culture filtrate of *Clostridium perfringens*. Shiosaka T, et al. *Biochim Biophys Acta* 204:352-8, 15 Apr 70
- Sialic acid in the keratan sulfate fraction from whale cartilage. Toda N, et al. *Biochim Biophys Acta* 208:227-35, 12 May 70
- Research on the carbohydrate-peptide linkage of whale pancreatic ribonuclease W2. Tsuruo T, et al. *Biochim Biophys Acta* 200:560-3, 31 Mar 70
- Research on the carbohydrate-peptide linkage of porcine pancreatic ribonuclease. Tsuruo T, et al. *Biochim Biophys Acta* 200:544-59, 31 Mar 70
- Incorporation of [<sup>14</sup>C]glycine into *Micrococcus lysodeikticus* membrane protein and effects of protein synthesis inhibitors. Vambutas VK, et al. *Biochim Biophys Acta* 203:83-93, 17 Mar 70
- Specificity of acquired haemolytic anaemia autoantibodies and their serological characteristics. Vos GH, et al. *Brit J Haemat* 19:57-66, Jul 70
- Survey of workers exposed to dusts containing derivatives of *Bacillus subtilis*. Greenberg M, et al. *Brit Med J* 2:629-33, 13 Jun 70
- Characteristics and biological properties of the milk coagulating enzyme obtained from the mould *Byssoschlamys fulva*. Repts A, et al. *Bull Acad Pol Sci [Biol]* 17:535-41, 1969
- Chemical derivatives of subtilisins with modified proteolytic activities. II. Succinyl- and glutarylsubtilisin type Carlsberg. Johansen JT. *C R Lab Carlsberg* 37:145-77, 1970
- Some spectral and kinetic properties of the acyl enzymes of native and chemically modified subtilisin type Carlsberg and type Novo. Johansen JT, et al. *C R Lab Carlsberg* 37:87-105, 1969
- Degradation processes in bone and cartilage. Reynolds JJ. *Calcif Tissue Res Suppl*:52-6, 1970 (23 ref.)
- Studies on plasminogen. VII. Mechanism of activation of bovine plasminogen. Hoepfinger LM, et al. *Canad J Biochem* 47:909-15, Oct 69
- A comparison of properties of the alpha-lytic protease of *Sorangium* sp. and porcine elastase. Kaplan H, et al. *Canad J Biochem* 48:649-58, Jun 70
- Purification and properties of biologically active factors in lipid extracts of *Listeria monocytogenes*. Tadayon RA, et al. *Canad J Microbiol* 16:535-44, Jun 70
- Chemical mediators of the vascular phenomena of acute inflammation. *Canad Med Ass J* 101:96-8, 1 Nov 69
- Isolated gastric parietal cells: oxygen consumption, electrolyte content and intracellular pH. Croft DN, et al. *Clin Sci* 37:491-501, Oct 69
- Tetrahydrofolate cofactors in the housefly *Musca domestica*. Miller S. *Comp Biochem Physiol* 30:955-63, 1 Sep 69
- Conformational flexibility of proteins, their resistance to proteinases and temperature conditions of life. Alexandrov VY. *Curr Mod Biol* 3:9-19, Oct 69
- Morphological and physiological aspects of the interaction of *Bdellovibrio* with host bacteria. Shilo M. *Curr Top Microbiol Immun* 50:174-204, 1969 (94 ref.)
- Incorporation of thyroxine carbon in protein fractions of *Rana catesbeiana* tadpole nervous system, liver and tail. Dratman MB, et al. *Endocrinology* 86:217-24, Feb 70
- Degradation of calcitonin by homologous thyroid acid proteinase. Martin TJ, et al. *Endocrinology* 86:447-9, Feb 70
- Progesterone in uterus and plasma. I. Binding in rat uterus 105,000 g supernatant. Milgrom E, et al. *Endocrinology* 87:276-86, Aug 70
- Human fetal thyroglobulin: characterization and in vitro biosynthesis studies. Olin P, et al. *Endocrinology* 86:1041-8, May 70
- The covalent murein-lipoprotein structure of the *Escherichia coli* cell wall. The attachment site of the lipoprotein on the murein. Braun V, et al. *Europ J Biochem* 13:336-46, Apr 70
- Yeast alcohol dehydrogenase: SH groups, disulfide groups, quaternary structure, and reactivation by reductive cleavage of disulfide groups. Bühner M, et al. *Europ J Biochem* 11:73-9, Nov 69
- Investigation on the reaction of metals with collagen in vivo. Deyl Z, et al. *Europ J Biochem* 13:589-92, Apr 70
- Some properties of a bacterial proteinase chemically fixed to agarose. Gabel D, et al. *Europ J Biochem* 15:410-4, Sep 70
- The degradation of M and N blood group glycoproteins and glycopeptides with alkaline borohydride. Lisowska E. *Europ J Biochem* 10:574-9, Oct 69
- The isolation of the meiosis in spindle from the mature oocyte of *Pisaster ochraceus*. Bryan J, et al. *Exp Cell Res* 59:371-8, Mar 70
- Inactivation of cystathionase and of cysteine sulfinic acid decarboxylase by proteolytic enzymes: effect of pyridoxal phosphate. Chatagner F, et al. *Experientia* 26:602-4, 15 Jun 70
- Further studies on bovine red cells having a different glycoprotein coat. Uhlenbruck G, et al. *Experientia* 26:900-1, 15 Aug 70
- Preparation, derivation and partial characterization of organ-specific antigens from human brain. Rajam PC, et al. *Immunology* 17:367-85, Sep 69
- Immunogenicity and specificity of collagen. IX. Resistance of different antigenic determinants of calf collagen to proteolytic treatment. Steffen C, et al. *Immunology* 18:849-54, Jun 70
- Annanase induced degenerative arthritis and the effect of an indigenous drug. Prasad GC, et al. *Indian J Med Res* 57:1095-102, Jun 69
- Basic mechanism of hypersensitivity reactions. Sanyal RK, et al. *Indian J Physiol Pharmacol* 13:191-221, Oct 69 (249 ref.)
- Cell dynamics in phytohemagglutinin (PHA) stimulated guinea-pig lymph node lymphocyte cultures. Eurenus K, et al. *Int Arch Allerg* 37:393-408, 1970
- Factors affecting protein iodination using chloramine T and the assessment of homogeneity of serum 131-I-proteins. Bocci V. *Ital J Biochem* 18:346-75, Sep-Oct 69
- Characterization of a major allergen (cod). Effect of enzymic hydrolysis on the allergenic activity. Aas K, et al. *J Allerg* 44:333-43, Dec 69
- Partial enzymic deprotection in the synthesis of a protected octapeptide bearing a free terminal



- carboxyl group. Ohno M, et al.  
*J Amer Chem Soc* 92:4098-102, 1 Jul 70
- Acid protease in Nepenthes. II. Study on the specificity of nepenthesin. Amagase S, et al.  
*J Biochem (Tokyo)* 66:431-9, Oct 69
- Redox state of cytochrome a and its sensitivity to proteinases. Yamamoto T, et al.  
*J Biochem (Tokyo)* 67:505-6, Mar 70
- The role of sulfhydryl groups in the catalytic function of isocitrate dehydrogenase. 3. Effect of N-ethylmaleimide on chemical and physical properties. Colman RF, et al.  
*J Biol Chem* 245:608-15, 10 Feb 70
- Chemical and physical properties of freezing point-depressing glycoproteins from antarctic fishes. DeVries AL, et al. *J Biol Chem* 245:2909-13, 10 Jun 70
- The complex nature of proelastase, a propeptidase, and associated protein. Hercz A.  
*J Biol Chem* 244:5556-62, 25 Oct 69
- Studies on the conformation and proteolytic susceptibility of rat and bovine pancreatic ribonucleases. Klee WA, et al.  
*J Biol Chem* 245:1227-32, 25 Mar 70
- The structure of a phytohemagglutinin receptor site from human erythrocytes. Kornfeld R, et al.  
*J Biol Chem* 245:2536-45, 25 May 70
- Reversibility of denaturation of the zymogen and the proteolyzed zymogen of streptococcal proteinase. Lin MC, et al. *J Biol Chem* 245:3384-7, 10 Jul 70
- The amino-terminal residues of *Bacillus subtilis* proteins made in vitro. Migita LK, et al.  
*J Biol Chem* 245:2005-10, 25 Apr 70
- Protein degradation in *Escherichia coli*. I. Measurement of rapidly and slowly decaying components. Nath K, et al.  
*J Biol Chem* 245:2889-900, 10 Jun 70
- The sequence of the NH<sub>2</sub>-terminal cyanogen bromide fragment from the heavy chain of a gamma-G1 myeloma protein. Pitcher SE, et al.  
*J Biol Chem* 245:1267-74, 25 Mar 70
- Studies on poly adenosine diphosphate-ribose. 8. A method for purification of poly adenosine diphosphate-ribose. Shima T, et al.  
*J Biol Chem* 245:1327-30, 25 Mar 70
- Beta-amylase thiol groups. Possible regulator sites. Spradlin J, et al. *J Biol Chem* 245:117-27, 10 Jan 70
- Studies on the soluble and lysosomal neuraminidases of rat liver. Tulsiani DR, et al.  
*J Biol Chem* 245:1821-7, 10 Apr 70
- Carbohydrate content of bovine plasma amine oxidase and isolation of a carbohydrate-containing fragment attached to asparagine. Watanabe K, et al.  
*J Biol Chem* 245:4612-7, 25 Sep 70
- Specific glucocorticoid receptors in thymus cells. Localization in the nucleus and extraction of the cortisol-receptor complex. Wira C, et al.  
*J Biol Chem* 245:3436-8, 10 Jul 70
- Enzymatic digestion of desmosome and hemidesmosome plaques performed on ultrathin sections. Douglas WH, et al. *J Cell Biol* 44:211-4, Jan 70
- The use of pronase in tissue culture: a comparison with trypsin. Foley JF, et al. *J Cell Physiol* 75:159-61, Apr 70
- Colling of the flagellar shaft in the head region of the mature sperm of *Nucella (purpura) lamprolulus* (L.). Walker M. *J Cell Sci* 5:211-25, Jul 69
- Communications. N-terminal residues of heavy chains of human IgA myeloma proteins. Wang AC, et al.  
*J Immunol* 103:1149-51, Nov 69
- Interaction of HeLa cell proteins with RNA. Baltimore D, et al. *J Molec Biol* 47:263-73, 14 Feb 70
- Glycopeptides of the membrane glycoprotein of Sindbis virus. Burge BW, et al.  
*J Molec Biol* 47:449-66, 14 Feb 70
- Tertiary structure of *Escherichia coli* beta-D-galactosidase. Goldberg ME.  
*J Molec Biol* 46:441-6, 28 Dec 69
- Isolation of a rapidly-sedimenting canavanine-protein-DNA-membrane complex from *Escherichia coli*. Schachtele CF, et al.  
*J Molec Biol* 49:255-61, 14 Apr 70
- Triton solubilized acetylcholinesterase of brain. Ho IK, et al. *J Neurochem* 16:1505-13, Nov 69
- Oral clinical functionality of enzyme AP used as a mouthwash. Shaver KJ, et al.  
*J Periodontol* 41:333-6, Jun 70
- Effects of some enzymes, surface-active agents, and calcium chloride on the aqueous extraction of alkaloids from belladonna leaves. Helman J.  
*J Pharm Sci* 58:1085-8, Sep 69
- Early intracellular events in the replication of T4 bacteriophage deoxyribonucleic acid. VII. 32P suicide stabilization. Miller RC Jr. *J Virol* 5:533-5, Apr 70
- Sialomucopolysaccharides from the bovine brain. Arima T, et al. *Jap J Exp Med* 39:301-9, Jun 69
- The nature of the lymphocyte mitogen. Taylor AG.  
*Life Sci* 8:1281-97, 15 Dec 69
- Malarial parasite metabolism: the metabolism of methionine by *Plasmodium berghei*. Langer BW Jr, et al. *Milit Med* 134:1039-44, Sep 69
- Initiation of haemoglobin synthesis by methionyl-tRNA. Housman D, et al.  
*Nature (London)* 227:913-8, 29 Aug 70
- Immunoglobulin G as possible precursor of chemotactic factor. Yoshinaga M, et al.  
*Nature (London)* 225:1138-9, 21 Mar 70
- Mapping human genes.  
*Nature (London)* 227:226-7, 18 Jul 70
- Antigenic dusts and respiratory disease. Lowell FC.  
*New Eng J Med* 281:1012-3, 30 Oct 69
- Tenderness of freeze-dried chicken treated with proteolytic enzymes. Dawson LE, et al.  
*Poult Sci* 48:64-70, Jan 69
- Genes and isozymes. Harris H.  
*Proc Roy Soc London [Biol]* 174:1-31, 7 Oct 69 (120 ref.)
- Kinin formation and inactivation by alcalase, a proteolytic enzyme. Henningsen SJ, et al.  
*Proc Soc Exp Biol Med* 132:459-61, Nov 69
- Effects of dimethylsulfoxide on normal and burned dog skin. Middleton CJ, et al.  
*Proc Soc Exp Biol Med* 134:1096-103, Sep 70
- Age-related cellular resistance of the chicken embryo to viral infections. 3. *Escherichia coli* resistance-inducing protein. Morahan PS, et al.  
*Proc Soc Exp Biol Med* 134:342-7, May 70
- The PI system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al.  
*Progr Med Genet* 7:96-111, 1970 (73 ref.)
- Non-identity between pulmonary bradykininase and converting-enzyme activity. Scholz HW, et al.  
*Rev Canad Biol* 28:197-200, Sep 69
- Immunological studies with papain and mexicanin. II. Estrada-Parra S, et al.  
*Rev Lat Amer Microbiol* 11:145-9, Jul-Sep 69
- Tryptic and plasmic peptide fragments increasing the effect of bradykinin on isolated smooth muscle. Hamberg U, et al.  
*Scand J Clin Lab Invest Suppl* 107:21+, 1969
- Tryptic and plasmic peptide fragments increasing the effect of bradykinin on isolated smooth muscle. Hamberg U, et al.  
*Scand J Clin Lab Invest* 24:S 21+, 1969
- Pulmonary hemorrhage in hamsters after exposure to proteolytic enzymes of *Bacillus subtilis*. Goldring IP, et al. *Science* 170:73-4, 2 Oct 70
- In vitro synthesis of alkaline phosphatase monomers directed by E. coli messenger. Dohan FC Jr, et al.  
*Sympos Quant Biol* 34:768-70, 1969
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G.  
*Thromb Diath Haemorrh* 36:Suppl 36:45-61, 1969
- Effect of the venom of scorpion *Lelurus quinquestratus* on the tympanic nerve of the locust *Locusta migratoria migratorioides*. Zlotkin E, et al.  
*Toxicon* 8:47-9, May 70
- The effect of bacterial T-activating enzymes on the red cell Sp1 antigen. Marsh WL, et al.  
*Vox Sang* 17:217-20, Sep 69
- Immunogenicity and specificity of collagen. X. Investigations on collagen determinants by inhibition experiments with peptides obtained after multiple degradation. Steffen C, et al.  
*Z Immunitätsforsch* 139:455-67, Jun 70
- On the specificity of lectins with a broad agglutination spectrum. II. Studies on the nature of the T-antigen and the specific receptors for the lectin of *Arachis hypogaea* (ground-nut). Uhlenbruck G, et al.  
*Z Immunitätsforsch* 138:423-33, Nov 69
- [Processes of manufacture and use of microbial enzymes in food industry] Le Fay A, et al.  
*Aliment Vie* 58:33-43, 1970 (106 ref.) (Fre)
- [Study of megateropeptidase, an exocellular peptidase of *Bacillus megaterium*. 3. Biosynthesis and physiological function] Millet J, et al.  
*Ann Inst Pasteur (Paris)* 117:461-73, Oct 69 (Fre)
- [Stability of rat liver DNA-RNA complex] Sergeant A, et al. *Arch Int Physiol* 77:573-4, Aug 69 (Fre)
- [Cell wall of a virulent human strain of *Mycobacterium tuberculosis*. 1. Preparation and chemical analysis]



- Amar-Nacasch C, et al.  
 Bull Soc Chim Biol (Paris) 51:613-20, 25 Jul 69 (Fre)  
 [Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. Bull Soc Chim Biol (Paris) 51:635-48, 18 Sep 69 (Fre)  
 [Glycoproteins. 38. Demonstration of the N-(beta-aspartyl)-N-acetylglucosaminylamine nature of the glyco-protein bond in human transferrin] Spik G, et al.  
 Bull Soc Chim Biol (Paris) 51:1271-85, 18 Dec 69 (Fre)  
 [Glycans linked to the insoluble fraction of the dogfish cornea (Seyllorhinus canicula L.)] Moczar E, et al. Europ J Biochem 13:28-36, 1 Mar 70 (Fre)  
 [Viscosimetry of expectorations. Histological correlations and therapeutic value] Molina C, et al. J Franc Med Chir Thorac 23:743-58, Nov-Dec 69 (Fre)  
 [Isolation of staphylococcus in food, dietetic products and orally administered drugs] Beys-l'Hoeft B. J Pharm Belg 25:26-56, Jan-Feb 70 (184 ref.) (Fre)  
 [Isolation of staphylococcus in food, dietetic products and orally administered drugs] Beys-L'hoest B. J Pharm Belg 25:26-56, Jan-Feb 70 (184 ref.) (Fre)  
 [Pepsin and pepsinogen. Origin, properties, preparation] Cheret AM, et al.  
 Path Biol (Paris) 18:317-42, Mar 70 (360 ref.) (Fre)  
 [Structure of M immunoglobulins] Mihaesco C, et al. Rev Franc Etud Clin Biol 14:843-7, Nov 69 (Fre)  
 [Reduction of biogenic amines in human skin homogenate during incubation with alpha-chymotrypsin] Stüttgen G, et al. Derm Mschr 155:798-801, 1969 (Ger)  
 [Evolution of endopeptidases. X. Cleavage specificity of low molecular weight protease from *Astacul leptodactylus* Esch] Sonneborn HH, et al. Hoppe Seyler Z Physiol Chem 350:1097-102, Sep 69 (Ger)  
 [Thin layer chromatographic direct method for determining enzyme activity] Zoch E. J Chromatogr 48:558-9, 6 May 70 (Ger)  
 [Quantitative aspects of erythrocyte glycoproteins] Uhlenbruck G. Naturwissenschaften 56:422, Aug 69 (Ger)  
 [Activity of bacterial, viral and mammalian neuraminidases] Gielen W. Naunyn Schmiedeberg Arch Pharm 264:235-6, 1969 (Ger)  
 [Intestinal antibodies. I. Antibody destroying effect of intestinal secretions and its prevention] Sonntag HG, et al. Z Immunitätsforsch 140:94-104, Jul 70 (Ger)  
 [Changes in the Gc-variants by enzyme action] Hilgermann R. Z Klin Chem 7:617-23, Nov 69 (Ger)  
 [Studies on mouse leukemia viruses. II. Demonstration of a virus-specific hemagglutinin] Schäfer W, et al. Z Naturforsch [B] 24:1324-31, Oct 69 (Ger)  
 [Inactivation of bradykinin by cortisone-released protease preparation] Suzuki T, et al. Jap J Allerg 18:521-4, Jun 69 (Jap)  
 [Trypsin inhibitors of plant origin] Janicki J, et al. Postepy Biochem 16:101-18, 1970 (195 ref.) (Pol)  
 [Enzymatic digestion in vitro of animal proteins. I. Investigation of the digestibility of various kinds of raw meat as well as meat subjected to thermal processes] Krauze S, et al. Roczn Panstw Zaki Hig 21:39-44, 1970 (Pol)  
 [The role of some polypeptides and protein derivatives in inflammation] Popescu E. Stud Cercet Med Intern 10:29-37, 1969 (21 ref.) (Rum)  
 [Proteolytic activity in preparations of purified immunoglobulin G and rabbit antibodies] Kul'berg Al., et al. Biokhimiia 34:1178-83, Nov-Dec 69 (Rus)  
 [Colorimetric determination of the proteolytic activity of the urine in some diseases] Klimov IA, et al. Lab Delo 3:157-8, 1970 (Rus)  
 [Resistance of the purified preparation of LH releasing factor to the proteolytic enzymes] Basova GG, et al. Probl Endokr (Moskva) 16:68-72, Mar-Apr 70 (Rus)  
 [Use of rimoprotein for the detection of antibodies of the rhesus system (preliminary report) Sakharov RS, et al. Probl Gemat 14:56-8, Jun 69 (Rus)  
 [Molecular aspects of genotypical adaptation of organisms to the environmental temperature] Aleksandrov VJa. Usp Sovr Biol 67:383-99, May-Jun 69 (Rus)  
 [Improving the quality of meat with proteolytic enzymes] Khachumov GL. Veterinarila 46:99-100, Jan 69 (Rus)  
 [Effect of enzymatic preparations of microbial origin on the enzymatic function of the stomach and pancreas] Portnova NG, et al. Vop Pitani 28:45-9, Jul-Aug 69 (Rus)

- [Determining amine nitrogen in the study of the susceptibility of proteins to attack by proteolytic enzymes] Smirnova GA, et al. Vop Pitani 29:87-8, Jan-Feb 70 (Rus)  
 [A comparative study of various methods of determining riboflavin in food products] Stepanova EN, et al. Vop Pitani 28:14-8, Sep-Oct 69 (Rus)  
 [Isolation and study of a highly active preparation of *Aspergillus oryzae* protease] Tsyperovich AS, et al. Ukr Biokhim Zh 41:91-5, 1969 (Ukr)  
 [Influence of various processing technics of pathological material on the isolation of mycobacteria] Turzová M. Bratisl Lek Listy 53:233-44, Feb 70 (90 ref.) (Slo)

## ADMINISTRATION &amp; DOSAGE

- Proteolytic inhibitors in plasma from man treated with a protease from *Aspergillus oryzae*. Jürgens J, et al. Acta Physiol Scand 78:11-9, Jan 70  
 The use of chymopapain in degenerative disc disease: a preliminary report. Weiner DS, et al. Canad Med Ass J 102:1252-6, 6 Jun 70  
 Enzymes for trauma. Miller RR, et al. Postgrad Med J 46:154-8, Mar 70 (24 ref.)  
 [Study of the action of a papain protease on experimental liver regeneration] Paraf A, et al. Path Biol (Paris) 18:421-3, Apr 70 (Fre)  
 [Influence of various drugs on the tissue permeability. 2] Yamagami I, et al. Folia Pharmacol Jap 65:236-44, 20 May 69 (Jap)  
 [Enzyme therapy of trophic ulcers] Gostishchev VK, et al. Sovet Med 33:43-7, Mar 70 (26 ref.) (Rus)

## ADVERSE EFFECTS

- Chemical causes of pain and itch. Keele CA. Ann Rev Med 21:67-74, 1970 (56 ref.)  
 Severe dermatitis and "biological" detergents. Jensen NE. Brit Med J 1:299, 31 Jan 70  
 Enzyme detergents. Brit Med J 1:518, 28 Feb 70  
 An epidemiological study of workers producing enzyme washing powders. Newhouse ML, et al. Lancet 1:689-93, 4 Apr 70  
 Enzymes for trauma. Miller RR, et al. Postgrad Med J 46:154-8, Mar 70 (24 ref.)  
 [Skin changes due to biologically active detergents] Steigleder GK. Deutsch Med Wschr 95:1372-3, 19 Jun 70 (Ger)  
 [Skin changes and bronchial asthma caused by active detergents] Wüthrich B. Deutsch Med Wschr 95:1538, 17 Jul 70 (Ger)  
 [Occupational asthma due to proteases in the detergent industry] Wüthrich B, et al. Schweiz Med Wschr 99:1584-6, 1 Nov 69 (Ger)

## ANALYSIS

- Investigation on lysozyme, protease and hyaluronidase activity in extracts from human leukocytes. Söder PO, et al. Acta Chem Scand 24:129-36, 1970  
 Proteolytic activity of nonpancreatic origin in different segments of the small intestine of rats. Johnson L, et al. Acta Chir Scand 135:449-54, 1969  
 Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. Acta Dermatovener (Stockholm) 49:458-67, 1969 (69 ref.)  
 Proteolytic enzymes in the skin. II. A comparative study of skin homogenates of five mammalian species. Jansen CT, et al. Acta Dermatovener (Stockholm) 49:468-75, 1969  
 Acid protease activity in human fetal skin. Krs V, et al. Acta Dermatovener (Stockholm) 50:179-80, 1970  
 The effects of herbicides on soil microflora. II. The effect of herbicides on enzymatic activity of the soil. Krężel Z, et al. Acta Microbiol Pol [B] 1:93-7, 1969  
 Quantitative assay of a single proteolytic enzyme in a crude mixture of bacterial proteinases. Dahle HK. Acta Path Microbiol Scand 77:134-42, 1969  
 Studies of *Aspergillus fumigatus*; casein precipitating and proteolytic effects of mycelial filtrate. Rutqvist L. Acta Vet Scand 10:18-35, 1969  
 Low protein intake and response to *Escherichia coli* 055 infection in patas monkeys. Wolf RH, et al. Amer J Dig Dis 15:819-33, Sep 70  
 Angiotensin converting enzyme: method of assay and partial purification. Dorer FE, et al. Anal Biochem 33:102-13, Jan 70  
 The investigation of reactive sulphhydryls in enzymes



- and their variants by starch gel electrophoresis. Studies on the human red cell peptidase variant Pep A 5-1. Sinha KP, et al. *Ann Hum Genet* 33:139-47, Oct 69
- The use of low concentrations of heavy metals in the isolation of rat liver nuclei. Dounce AL, et al. *Arch Biochem* 137:143-55, Mar 70
- Identification in the rat skin and subcutaneous granuloma of an enzyme liberating N-terminal glycyl-proline from peptides. Hopsu-Havu VK, et al. *Arch Klin Exp Derm* 235:301-7, 1969
- Peptidases in the skin. II. Demonstration and partial separation of several specific dipeptide naphthylamidases in the rat and human skin. Hopsu-Havu VK, et al. *Arch Klin Exp Derm* 235:53-62, 1969
- Permeability patterns in pig aorta. Klynstra FB, et al. *Atherosclerosis* 11:451-62, May-Jun 70
- Studies on the age-related changes occurring in human cerebral arteries. Velican C. *Atherosclerosis* 11:509-29, May-Jun 70
- Electrophoretic heterogeneity of mouse erythrocyte peptidases. Lewis WH, et al. *Biochem Genet* 3:493-8, Oct 69
- Occurrence and properties of a thermostable protease secreted by sea-urchin embryos. Barrett D. *Biochem J* 117:61-4, Mar 70
- Zymogen activation as a sensitive enzyme-amplifying assay for a protease with tryptic specificity. Barrett D. *Biochem J* 117:57-9, Mar 70
- The proteolytic action of arvin on human fibrinogen. Ewart MR, et al. *Biochem J* 115:17P, Nov 69
- Hepatic collagenolytic activity in rats after carbon tetrachloride poisoning. Hirayama C, et al. *Biochem J* 115:843-7, Dec 69
- The amino acid sequence around the active-site cysteine and histidine residues of stem bromelain. Husain SS, et al. *Biochem J* 117:341-6, Apr 70
- The amino acid sequence around the active-site cysteine and histidine residues, and the buried cysteine residue in ficin. Husain SS, et al. *Biochem J* 117:333-40, Apr 70
- The localization of peptidases in microvilli from the brush border of the proximal renal tubule of the rabbit. Kenny AJ, et al. *Biochem J* 115:18P, Nov 69
- An endogenous inhibitor of microsomal mixed-function oxidases in homogenates of the southern armyworm (*Prodenia eridania*). Krieger RI, et al. *Biochem J* 116:781-9, Mar 70
- Proteolytic enzymes of *Saccharomyces carlsbergensis*. Maddox IS, et al. *Biochem J* 117:843-52, May 70
- The specificity of proteinases from *Streptomyces griseus* (pronase). Trop M, et al. *Biochem J* 116:19-25, Jan 70
- The presence of pancreatic proteases in particulate preparations of rat intestinal mucosa. Woodley JF, et al. *Biochem J* 115:18P-19P, Nov 69
- Comparative studies on the effect of specific inactivators on human gastricsin and pepsin. Hunkapiller M, et al. *Biochemistry (Wash)* 9:2897-902, 7 Jul 70
- Heterogeneity of bovine carboxypeptidase A. II. Chromatographic purification of carboxypeptidase A (Cox). Pétra PH, et al. *Biochemistry (Wash)* 8:5029-36, Dec 69
- Pancreatic enzymes of the African lungfish *Protopterus aethiopicus*. Reeck GR, et al. *Biochemistry (Wash)* 9:1398-403, 17 Mar 70
- Inactivation of thymidylate kinase by a microsomal factor. Flala ES, et al. *Biochim Biophys Acta* 204:359-63, 15 Apr 70
- Separation of collagenase and peptidase activities of tadpole tissues in culture. Harper E, et al. *Biochim Biophys Acta* 198:286-92, 11 Feb 70
- A peptidase that hydrolyzes Na-(gamma-aminobutyryl)lysine. Kumon A, et al. *Biochim Biophys Acta* 200:466-74, 31 Mar 70
- Biochemical maturation of the central nervous system. II. Protein and proteolytic enzyme changes. Einstein ER, et al. *Brain Res* 18:35-49, 17 Feb 70
- Proteinase activity of myelin. Riekkinen PJ, et al. *Brain Res* 15:413-30, Oct 69
- Further studies on neutral proteinase activity of CNS myelin. Riekkinen PJ, et al. *Brain Res* 19:213-27, 14 Apr 70
- Proteolytic enzymes in adenocarcinoma of the human colon. Goldberg DM, et al. *Brit J Cancer* 23:735-43, Dec 69
- A comparison of the effects of raw and heated soya-bean meal in diets for germ-free and conventional chicks. Coates ME, et al. *Brit J Nutr* 24:213-25, Mar 70
- Articular cartilage changes in early arthritis. Janis R, et al. *Bull Hosp Joint Dis* 30:136-52, Oct 69
- The isolation and partial characterization of an acid protease produced by *Mucor miehei*. Ottesen M, et al. *C R Lab Carlsberg* 37:301-25, 1970
- Fine structure of bone resorption in experimental osteoporosis caused by calcium deficient diet in rats. An electron microscopic study of compact bone. Salomon CD, et al. *Calcif Tissue Res Suppl*:80-2, 1970
- Enzymatic and other biochemical events accompanying bone resorption in tissue culture. Vaes G. *Calcif Tissue Res Suppl*:57-60, 1970
- A sensitive method for the determination of proteolytic activity in vitro by immunochemical quantitation of fibrinogen fragments. Ohlsson K. *Clin Chim Acta* 26:131-3, Oct 69
- Staging, grading and histochemistry of ovarian epithelial tumors. Long ME, et al. *Clin Obstet Gynec* 12:937-54, Dec 69
- Comparative biochemistry of proteases from a coelenterate. Coan MH, et al. *Comp Biochem Physiol* 32:127-39, 1 Jan 70
- Casein clearing: a rapid test for proteolytic activity. Innerfield I, et al. *Exp Med Surg* 26:152-5, Mar 68
- Studies on human cervical mucus: mucoids and their relation to sperm penetration. Moghissi KS, et al. *Fertil Steril* 21:234-9, Mar 70
- Recovery of exocrine pancreatic function in adult protein-calorie malnutrition. Tandon BN, et al. *Gastroenterology* 58:358-62, Mar 70
- The digestion and absorption of glycine oligopeptides. Peters TJ, et al. *Gut* 10:1055, Dec 69
- Development of enzyme activity in the guinea-worm larvae. Devi CS, et al. *Indian J Med Res* 57:2092-6, Nov 69
- Biological activities of leupeptins. Aoyagi T, et al. *J Antibiot (Tokyo)* 22:558-68, Nov 69
- Specificity of a bacteriolytic enzyme from *Pseudomonas aeruginosa*. Lache M, et al. *J Bact* 100:254-9, Oct 69
- Isolation and characterization of host-independent *Bdellovibrios*. Seidler RJ, et al. *J Bact* 100:769-85, Nov 69
- Complete separation of three alkaline proteinases a, b, and c from pronase and some characteristics of alkaline proteinase b. Narahashi Y, et al. *J Biochem (Tokyo)* 66:743-5, Nov 69
- Enzymes that destroy blood group specificity. I. Purification and properties of alpha-L-fucosidase from *Clostridium perfringens*. Aminoff D, et al. *J Biol Chem* 245:1659-69, 10 Apr 70
- Carboxyl-terminal sequence of human gastricsin and pepsin. Huang WY, et al. *J Biol Chem* 245:2189-93, 10 May 70
- The stability of cysteine and cystine during acid hydrolysis of proteins and peptides. Inglis AS, et al. *J Biol Chem* 245:112-6, 10 Jan 70
- Alpha-galactosidase from *Mortierella vinacea*. Crystallization and properties. Suzuki H, et al. *J Biol Chem* 245:781-6, 25 Feb 70
- Pollen-wall proteins: localization and enzymic activity. Knox RB, et al. *J Cell Sci* 6:1-27, Jan 70
- Thyroxine biosynthesis in human goitrous cretinism. Alexander NM, et al. *J Clin Endocr* 30:308-15, Mar 70
- Activity of *Bacillus cereus* proteinases in milk. Choudhery AK, et al. *J Dairy Sci* 53:363-6, Mar 70
- Protease composition of a rennet substitute from *Bacillus subtilis* and properties of its component proteases. Puhon Z. *J Dairy Sci* 52:1372-8, Sep 69
- Influence of the growth medium on the proteinase system of *Streptococcus lactis* no. 3. Westhoff DC, et al. *J Dairy Sci* 53:1286-7, Sep 70
- Extracellular cationic proteases of *Bacillus licheniformis*. Litchfield CD, et al. *J Gen Microbiol* 59:8, Dec 69
- Purification and some properties of milk-clotting enzyme from *Aspergillus niger*. Osman HG, et al. *J Gen Microbiol* 59:131-5, Nov 69
- Production of a milk-clotting enzyme preparation by *Aspergillus niger* and the effect of various factors on its activity. Osman HG, et al. *J Gen Microbiol* 59:125-9, Nov 69
- The proteolytic system of *Microsporium canis*. O'Sullivan J, et al. *J Gen Microbiol* 59:v-vi, Dec 69
- Metabolic products of adult *Clonorchis sinensis*: their composition and antigenic potential. Sun T, et al. *J Helminth* 43:395-402, 1969
- Quantitative histochemistry of rachitic rat cartilage enzyme activity during healing induced by vitamin D



# SUBJECT SECTION

# PEPTIDE

- and starvation. Dixit PK.  
*J Histochem Cytochem* 17:411-7, Jun 69
- Dermatophyte pathogenicity as a function of mating type and associated enzymes. Rippon JW, et al.  
*J Invest Derm* 53:445-8, Dec 69
- Some cultural reactions of *Clostridium tetani*. Willis AT, et al.  
*J Med Microbiol* 3:291-301, May 70
- A crystalline proteinase (peptidase A) from *Penicillium janthinellum*: preliminary X-ray data. Camerman N, et al.  
*J Molec Biol* 44:569-70, 28 Sep 69
- Effect of vitamin E and selenium deficiencies on lysosomal and cytoplasmic enzymes in sheep tissues. Buchanan-Smith JG, et al.  
*J Nutr* 99:387-94, Nov 69
- The molecular size of enzymes from dental plaque material. Söder PO.  
*J Periodont Res* 4:215-22, 1969
- Determination of molecular sizes of enzymes from dental plaque material. Söder PO.  
*J Periodont Res* 4:168, 1969
- Proteolytic activity in the developing dental plaque. Söder PO, et al.  
*J Periodont Res* 4:Suppl 4:11, 1969
- Proteolytic activity during the absorption of 131-I-gamma-globulin in the new-born calf. Hardy RN.  
*J Physiol (London)* 205:453-70, Nov 69
- Lysosomal enzymes in the acrosome and their possible role in fertilization. Allison AC, et al.  
*J Reprod Fertil* 21:501-15, Apr 70
- Gastric secretion after pentagastrin and histamine in the basal secreting ferret. Basso N, et al.  
*J Surg Res* 10:111-5, Mar 70
- Genetic analysis with man-mouse somatic cell hybrids. Linkage between human lactate dehydrogenase A and B and peptidase B. Ruddle FH, et al.  
*Nature (London)* 227:251-7, 18 Jul 70
- Assessment of salivary enzymes. Ellison SA.  
*New Eng J Med* 281:1370, 11 Dec 69
- The plasma kinins in thermal injury. Arturson G.  
*Scand J Clin Lab Invest Suppl* 107:153+, 1969
- The plasma kinins in thermal injury. Arturson G.  
*Scand J Clin Lab Invest* 24:Suppl 107:153+, 1969
- Observations on the kininogenase activity of rat kidney and urine. Nustad K.  
*Scand J Clin Lab Invest Suppl* 107:97+, 1969
- Observations on the kininogenase activity of rat kidney and urine. Nustad K.  
*Scand J Clin Lab Invest* 24:Suppl 107:97+, 1969
- Formation and destruction of plasma kinins during experimental hemorrhagic pancreatitis in dogs. Ofstad E.  
*Scand J Clin Lab Invest Suppl* 107:169+, 1969
- Formation and destruction of plasma kinins during experimental hemorrhagic pancreatitis in dogs. Ofstad E.  
*Scand J Clin Lab Invest* 24:Suppl 107:169+, 1969
- Proteolytic activity of dental plaque material from patients with diabetes mellitus. Nord CE, et al.  
*Svensk Tandlak T* 62:795-9, Dec 69
- Method for study of snake venom induced hemorrhages. Bonta IL, et al.  
*Toxicon* 8:3-10, May 70
- Studies on pancreatic trypsin from *Crotalus durissus terrificus*-comparison with proteases of venoms. Lodi WR.  
*Toxicon* 7:267-72, Dec 69
- Some enzymatic activities of Egyptian snake venoms and a scorpion venom. Mohamed AH, et al.  
*Toxicon* 7:185-8, Nov 69
- Occurrence of glycoproteins in various snake venoms. Oshima G, et al.  
*Toxicon* 7:235-8, Nov 69
- Proteinase, arginineester hydrolase and a kinin releasing enzyme in snake venoms. Oshima G, et al.  
*Toxicon* 7:229-33, Nov 69
- [Histochemical investigation of exocrine pancreas. I. General view] Frexinos J, et al.  
*Ann Histochem* 14:103-15, Apr-Jun 69 (Fre)
- [Determination of peptidase activity by a direct colorimetric technic: application to the study of *Mycobacteria* peptidases] Plancot MT, et al.  
*Bull Soc Chim Biol (Paris)* 51:1111-4, 23 Oct 69 (Fre)
- [The localization of exopeptidases in *Bacillus brevis*] Fritsche M, et al.  
*Acta Biol Med German* 22:519-23, 1969 (Ger)
- [Contents of commercial papain] Zoch E.  
*Arzneimittelforschung* 19:1593-7, Sep 69 (73 ref.) (Ger)
- [Proteolytic activity in duodenal fluid in chronic urticaria] Peker J, et al.  
*Derm Mschr* 155:299-304, 1969 (Ger)
- [Proteolytic activity of the bird spider venom] Mebs D.  
*Naturwissenschaften* 57:308, Jun 70 (Ger)
- [Ultrastructure and topochemistry of giant mitochondria and their inclusions in myopathies] Sluga E, et al.  
*Virchow Arch [Path Anat]* 350:250-60, 1970 (Ger)

- [Changes during pregnancy of the capacity of rabbit uterus homogenates to inactivate bradykinin in vitro] Baraldi M.  
*Boll Soc Ital Biol Sper* 45:1142-3, 15 Sep 69 (Ita)
- [Studies on proteolytic enzymes in human prostate and seminal plasma] Naito J.  
*Jap J Leg Med* 23:253-61, May 69 (Jap)
- [Liver lysosomes in rats-present status of its biochemical study] Futai M.  
*Protein (Tokyo)* 14:564-72, May 69 (97 ref.) (Jap)
- [Determination of proteolytic activity of gastric juice by means of 131-I-albumin] Szybiński Z, et al.  
*Pol Przegl Radiol* 33:507-14, Jul-Aug 69 (Pol)
- [Behavior of elastase, antilelastase and the enzymatic 5th fraction in patients with chronic pancreatitis] Surlanu P, et al.  
*Stud Cercet Med Intern* 10:439-43, 1969 (Rum)
- [Chromatographic separation of a protease complex from *Aspergillus flavus*] Tsyperovich AS, et al.  
*Biokhimiia* 34:1137-43, Nov-Dec 69 (Rus)
- [The pathogenesis of acute pancreatitis] Aruin LI, et al.  
*Biull Eksp Biol Med* 69:42-6, May 70 (Rus)
- [Effect of C-terminal tetrapeptide of gastrin and its analogues on gastric function in cats and dogs] Klimentis AA, et al.  
*Farmakol Toksik* 33:333-6, May-Jun 70 (Rus)
- [Identification of various hydrolases in microorganisms on solid media] Kasatkina ID, et al.  
*Mikrobiologiya* 38:41-7, Jan-Feb 69 (Rus)
- [Study of the proteinase of *Aspergillus terricola* by electrophoresis] Korshunov VV.  
*Mikrobiologiya* 38:48-51, Jan-Feb 69 (Rus)
- [Intracellular distribution of the thyroid protease activity and blood contents of the thyroid hormones in some pathological conditions of the human thyroid gland] Mkrtumova NA.  
*Probl Endokr Gormonoter* 13:61-4, Jan-Feb 67 (Rus)
- [Enzymes of the alimentary tract in skin diseases] Prokopchuk Ala, et al.  
*Przegl Derm* 56:583-7, Sep-Oct 69 (Rus)
- [Secretion of pepsin and gastrin gastric glands] Korot'ko GF, et al.  
*Vop Med Khim* 15:456-8, Sep-Oct 69 (Rus)
- [Subcellular distribution, transport and fixation of 1,2-<sup>3</sup>H-cortisol in the liver of rats] Beato del Rosal M.  
*Rev Iber Endocr* 17:109-51, Mar-Apr 70 (Spa)
- [Isolation and study of a highly active preparation of *Aspergillus oryzae* protease] Tsyperovich AS, et al.  
*Ukr Biokhim Zh* 41:91-5, 1969 (Ukr)

## ANTAGONISTS & INHIBITORS

- Some enzymic properties of a protease from *Alternaria tenuissima*. Jönsson AG.  
*Acta Chem Scand* 23:1943-50, 1969
- On the inhibition of a fibrinolytic enzyme from *Aspergillus oryzae* by serum. Lindvall S, et al.  
*Acta Chem Scand* 23:2165-74, 1969
- Hormonal stimulation of protease inhibitor activity in endometrial secretion during early pregnancy. Beler HM.  
*Acta Endocr (Kobenhavn)* 63:141-9, Jan 70
- Enzymoserological separation of bacterial proteinases. Dahle HK.  
*Acta Path Microbiol Scand* 77:143-8, 1969
- Proteolytic inhibitors in plasma from man treated with a protease from *Aspergillus oryzae*. Jürgens J, et al.  
*Acta Physiol Scand* 78:11-9, Jan 70
- Effect of protease inhibitors on experimental peptic ulceration. Ellis CM, et al.  
*Amer J Surg* 119:213-6, Feb 70
- Hyaline membrane disease and antitrypsin deficiency. Lieberman J, et al.  
*Amer Rev Resp Dis* 102:126-7, Jul 70
- Angiotensin converting enzyme: method of assay and partial purification. Dorer FE, et al.  
*Anal Biochem* 33:102-13, Jan 70
- Specific irreversible enzyme inhibitors. Baker BR.  
*Ann Rev Pharmacol* 10:35-50, 1970 (104 ref.)
- Subtilisin BPN<sup>®</sup>: kinetic study with oligopeptides. Morihara K, et al.  
*Arch Biochem* 138:515-25, Jun 70
- Subtilisin BPN<sup>®</sup>: inactivation by chloromethyl ketone derivatives of peptide substrates. Morihara K, et al.  
*Arch Biochem* 138:526-31, Jun 70
- Occurrence and properties of a thermostable protease secreted by sea-urchin embryos. Barrett D.  
*Biochem J* 117:61-4, Mar 70
- The amino acid sequence around the active-site cysteine and histidine residues, and the buried cysteine residue in ficin. Husain SS, et al.  
*Biochem J* 117:333-40, Apr 70
- The specificity of proteinases from *Streptomyces*



- griseus (pronase). Trop M, et al.  
 Biochem J 116:19-25, Jan 70  
 Evidence that cocoonase and trypsin interact with soybean trypsin inhibitor at the same reactive site. Hixson HF Jr, et al.  
 Biochemistry (Wash) 9:166-70, 6 Jan 70  
 Comparative studies on the effect of specific inactivators on human gastricsin and pepsin. Hunkapiller M, et al.  
 Biochemistry (Wash) 9:2897-902, 7 Jul 70  
 Porcine elastase. II. Properties of the tyrosinate-splitting enzymes and the specificity of elastase. Marshall TH, et al.  
 Biochemistry (Wash) 8:4671-7, Dec 69  
 Biochemical and physiological properties of an extracellular protease produced by *Bacillus megaterium*. Millet J, et al.  
 Biotechn Bioengin 11:1233-46, Nov 69  
 Comparative biochemistry of proteases from a coelenterate. Coan MH, et al.  
 Comp Biochem Physiol 32:127-39, 1 Jan 70  
 Effect of excessive iodide administration on the proteolytic activity of the thyroid gland. Takeuchi K, et al. Endocrinology 86:1239-44, Jun 70  
 Effects of histamine and pheniramine maleate on protease activity in sheep liver homogenates. Kesava Rao KV, et al. Enzymologia 39:145-50, 30 Sep 70  
 Maternal characteristics of hatching enzymes in hybrid sea urchin embryos. Barrett D, et al.  
 Exp Cell Res 57:159-66, Oct 69  
 Cyanocobalamin as a support of the in vitro cell growth-promoting activity of serum proteins. Landureau JC, et al. Experientia 25:1078-9, 15 Oct 69  
 Annanase induced degenerative arthritis and the effect of an indigenous drug. Prasad GC, et al.  
 Indian J Med Res 57:1095-102, Jun 69  
 2,4-Dinitrophenol inhibition of chymotrypsin, trypsin and pronase digestion of bovine serum albumin. Bonewell GW, et al.  
 Ital J Biochem 18:457-74, Nov-Dec 69  
 Biological activities of leupeptins. Aoyagi T, et al.  
 J Antibiot (Tokyo) 22:558-68, Nov 69  
 Chymostatin, a new chymotrypsin inhibitor produced by actinomycetes. Umezawa H, et al.  
 J Antibiot (Tokyo) 23:425-7, Aug 70  
 Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J.  
 J Appl Bact 33:207-19, Mar 70  
 Purification and properties of proteolytic enzymes from thermophilic actinomycetes. Desai AJ, et al.  
 J Bact 100:149-55, Oct 69  
 Biochemical changes during fungal sporulation and spore germination. I. Phenyl methyl sulfonyl fluoride inhibition of macroconidial germination in *Microsporum gypseum*. Leighton TJ, et al.  
 J Bact 101:931-40, Mar 70  
 The complex nature of proelastase, a propeptidase, and associated protein. Hercz A.  
 J Biol Chem 244:5556-62, 25 Oct 69  
 Complex effects of antibodies to polypeptide hormones. Goodfriend TL, et al.  
 J Clin Endocr 30:565-72, May 70  
 Inhibition of human skin collagenase by human serum. Eisen AZ, et al. J Lab Clin Med 75:258-63, Feb 70  
 Fibrinolytic activity of leukemic cells. Watanabe K. Kelo J Med 19:47-59, Mar 70  
 Is there a place for proteinase inhibition? A review of the literature. Lister GD.  
 Postgrad Med J 45:571-3, Aug 69 (42 ref.)  
 The formation of poliovirus proteins. Baltimore D, et al. Sympos Quant Biol 34:741-6, 1969  
 [Study of megateriopeptidase, an exocellular peptidase of *Bacillus megaterium*. 3. Biosynthesis and physiological function] Millet J, et al.  
 Ann Inst Pasteur (Paris) 117:461-73, Oct 69 (Fre)  
 [Frey's inhibitor in the treatment and prevention of postoperative pharyngeal fistula (polypeptide anti-enzyme)] Bernard P, et al.  
 Ann Otolaryng (Paris) 87:219-22, Mar 70 (Fre)  
 [Characterization of 2 endopeptidases excreted by *B. subtilis* Marburg during sporulation] Millet J.  
 Bull Soc Chim Biol (Paris) 51:457-69, 25 Jul 69 (Fre)  
 [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
 Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
 [Distribution and inhibition of human esterolytic dermoproteases] Stüttgen G, et al.  
 Arch Klin Exp Derm 235:9-15, 1969 (Ger)  
 [Studies on the autolysis of the skin. 3. Histological

- studies on the autolysis of skin explants and their possible modification by Na-Cu-chlorophyllin and epsilon-amino caproic acid] Domschke W, et al. Arzneimittelforschung 20:397-9, Mar 70 (Ger)  
 [Preliminary report on the local treatment of joints with the protease-inhibitor Contrykal] Engler J. Deutsch Gesundh 24:2195-6, 13 Nov 69 (Ger)  
 [Antifibrinolytic agents and their therapeutic use] Fischer M.  
 Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)  
 [Influence of Cu-chlorophyllin on Masugi nephritis] Frimmer M, et al.  
 Naunyn Schmiedeberg Arch Pharm 266:223-35, 1970 (Ger)  
 [The pharmacological action of Cu-chlorophyllin] Hegner D, et al.  
 Naunyn Schmiedeberg Arch Pharm 264:245-6, 1969 (Ger)  
 [Standardization of protease inhibitor from cattle organs] Markwardt F, et al.  
 Pharmazie 24:620-2, Oct 69 (Ger)  
 [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al.  
 Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)  
 [Influence of various drugs on tissue permeability. (4)] Yamagami I, et al.  
 Folia Pharmacol Jap 66:19-35, 1970 (Jap)  
 [Studies on intestinal absorption of proteolytic enzyme] Yoshioka Y.  
 Sapporo Med J 36:41-52, Jul-Aug 69 (Jap)  
 [Naturally occurring inhibitors of proteolytic enzymes] Sawaryn A.  
 Postepy Hig Med Dosw 23:787-804, 1969 (103 ref.) (Pol)  
 [Metabolic effects of anti-proteolytic treatment in experimental endotoxic shock] Buslá VT, et al.  
 Fiziol Norm Pat 16:221-8, May-Jun 70 (Rum)  
 [Use of conical in the treatment of staphylococcal sepsis] Zolotukhin NA, et al.  
 Vestn Khir Grekov 103:118-9, Sep 69 (Rus)  
 [Current trends in the therapeutic use of enzyme inhibitors in clinical practice] Veremeenko KN.  
 Vrach Delo 11:11-9, Nov 69 (22 ref.) (Rus)

# BIOSYNTHESIS

- Enzyme-serological comparison of proteolytic enzymes produced by salmonella species and other enterobacteria. Sandvik O.  
 Acta Vet Scand 10:225-33, 1969  
 Histochemical observation of proteolytic enzyme activity in the developing dental hard tissues of the rat. Suga S. Arch Oral Biol 15:555-8, Jun 70  
 Amino acid stimulation of proteinase synthesis in a sporogenous *Bacillus megaterium* KM. Din FU, et al.  
 Biochem Biophys Res Commun 37:233-8, 8 Oct 69  
 Hormonal regulation of translation inhibition requiring RNA synthesis. Ihle JN, et al.  
 Biochem Biophys Res Commun 38:995-1001, 27 Mar 70  
 Stimulative effect of proteins on protease formation by *Serratia* sp. Murakami M, et al.  
 Biochim Biophys Acta 192:378-80, 18 Nov 69  
 Biochemical and physiological properties of an extracellular protease produced by *Bacillus megaterium*. Millet J, et al.  
 Biotechn Bioengin 11:1233-46, Nov 69  
 Regulation of proteolytic enzyme production by *Aeromonas proteolytica*. I. Extracellular endopeptidase. Litchfield CD, et al.  
 Canad J Microbiol 16:17-22, Jan 70  
 Volatile acid production by *Clostridium botulinum* type F. Moss CW, et al. Canad J Microbiol 16:421-5, Jun 70  
 Macromolecular synthesis during microcycle sporogenesis of *Bacillus cereus* T. MacKechnie I. J Bact 101:24-34, Jan 70  
 Effect of carbon dioxide on the aspartic acid requirement for proteinase biosynthesis by *Streptococcus faecalis* var. liquefaciens. Welch PC, et al. J Bact 100:1138-9, Nov 69  
 Age dependent changes of certain peptide hydrolases and dehydrogenases in bovine dental pulp. Schwabe C. J Dent Res 48:951-6, Sep-Oct 69  
 Production of a milk-clotting enzyme preparation by *Aspergillus niger* and the effect of various factors on its activity. Osman HG, et al.  
 J Gen Microbiol 59:125-9, Nov 69  
 [Study of megateriopeptidase, an exocellular peptidase of *Bacillus megaterium*. 3. Biosynthesis and physiological function] Millet J, et al.  
 Ann Inst Pasteur (Paris) 117:461-73, Oct 69 (Fre)



- [Metabolic and physiologic studies on the break-down of proteins by *Microsporium gypseum* and *Microsporium canis*] Ziegler H, et al.  
Derm Mschr 155:835-56, 1969 (Ger)
- [Culture medium dependency of nuclease biosynthesis in proteus strains] Bieber J, et al.  
Z Allg Mikrobiol 9:327-9, 1969 (Ger)
- [Experimental pathology of *Pseudomonas aeruginosa* infection in the mouse. Pathogenesis of experimental and human pseudomoniasis] Guimarães RC, et al.  
Rev Inst Med Trop S Paulo 11:141-50, May-Jun 69 (Por)
- [Repression of protease synthesis in *Bacillus mesentericus*] Bistriskaite GB, et al.  
Izv Akad Nauk SSSR [Biol] 4:600-3, Jul-Aug 69 (Rus)
- [Thermophilic *Micromonospora* strain sp. 42 producing active protease] Loginova LG, et al.  
Mikrobiologiya 38:36-40, Jan-Feb 69 (Rus)
- [Synthesis of a deproteinizing enzyme in various cell systems infected by variola group viruses] Kozlova IA, et al. Vop Virus 14:856-9, Nov-Dec 69 (Rus)

## BLOOD

- Proteolytic activity of human blood leukocytes toward synthetic trypsin substrate. I. Method. Szczeklik A, et al. Acta Med Pol 10:383-7, 1969
- Studies on African Pygmies. 3. Peptidase C polymorphism in Babinga Pygmies: a frequent erythrocytic enzyme deficiency. Santachlara Benerecetti. Amer J Hum Genet 22:228-31, Mar 70
- Angiotensin converting enzyme: method of assay and partial purification. Dorer FE, et al.  
Anal Biochem 33:102-13, Jan 70
- Alterations in the enzymatic activity of plasma of guinea pigs infected with Junin virus. Kierszenbaum F, et al. Arch Ges Virusforsch 30:217-23, 1970
- Studies on proteolytic activity of blood and the lymphodal blastic reaction in the course of adjuvant arthritis in rats. Pelczarska A, et al.  
Arch Immun Ther Exp 17:597-601, 1969
- Purification and properties of endopeptidase from rabbit red cells and its process of degradation of angiotensin. Kokubu T, et al.  
Biochim Biophys Acta 191:668-76, 1969
- Separation of kinin-forming factors in human plasma. Elsen V, et al. Brit J Exp Path 50:427-37, Oct 69
- Anti-inflammatory effect of the trypsin-kallikrein inhibitor in acute arthritis induced by urate crystals in rabbits. Spilberg I, et al.  
J Lab Clin Med 76:472-9, Sep 70
- The leukocyte proteolysis of blood proteins. Glibinski K, et al. Pol Arch Med Wewnet 4:377-83, Apr-May 70
- The leukocyte proteolytic properties as a diagnostic aid in differentiation of leukemias. Gonciarz Z, et al. Pol Arch Med Wewnet 4:385-8, Apr-May 70
- Measurement of proteolytic activity of leukoblasts—a new diagnostic method. Kirchmayer S, et al.  
Pol Arch Med Wewnet 4:365-8, Apr-May 70
- Kininase activity of plasma from patients with arteriosclerosis, diabetes and hepatitis. Dedichen J, et al. Scand J Clin Lab Invest Suppl 107:125+, 1969
- Kininase activity of plasma from patients with arteriosclerosis, diabetes and hepatitis. Dedichen J, et al. Scand J Clin Lab Invest 24:Suppl 107:125+, 1969
- [Problems of hepatitis screening of blood donors] Haug H. Bibl Haemat 32:249-52, 1969 (Ger)
- [The trypsin stability of ABO-isagglutinins] Haferland W.  
Folia Haemat (Leipzig) 92:227-35, 1969 (Ger)
- [Influence of Cu-chlorophylline on Masugi nephritis] Frimmer M, et al.  
Naunyn Schmiedeberg Arch Pharm 266:223-35, 1970 (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M.  
Thromb Diath Haemorrh 23:513-52, 30 Jun 70 (Ger)
- [Trypsin-like activity of the serum in the diagnosis of exocrine pancreas diseases: experimental study] Tenconi L, et al.  
Biol Lat (Milano) 21:81-7, Jan-Mar 68 (Ita)
- [Studies on intestinal absorption of proteolytic enzyme] Yoshioka Y.  
Sapporo Med J 36:41-52, Jul-Aug 69 (Jap)
- [Serum proteolytic activity and the blastic reaction following allotransplantation of skin in rabbits] Patkowski J, et al.  
Acta Physiol Pol 20:639-48, Jul-Aug 69 (Pol)
- [Determination of the antitrypsin and proteolytic

- activity in human serum] Kudrewicz-Hubicka Z, et al.  
Pol Tyg Lek 25:1076-8, 20 Jul 70 (Pol)
- [Enzymes of plasma and blood serum] Szczeklik A.  
Pol Tyg Lek 25:1142-5, 27 Jul 70 (12 ref.) (Pol)
- [Studies of some metabolic disorders in experimental tetanus. I. Enzymatic changes] Bušlā VT, et al.  
Stud Cercet Med Intern 10:547-52, 1969 (Rum)
- [The colorimetric method of determining proteolytic activity in various biological media] Bresler SE, et al.  
Lab Delo 7:406-10, 1969 (Rus)
- [Blood cholesterol esterase and lipoproteinase in the development of dithizone diabetes in rabbits] Ogurtsova RE.  
Probl Endokr (Moskva) 16:82-5, Jan-Feb 70 (Rus)
- [Blood proteolytic activity in healthy children] Poput'eva ZV.  
Vop Okhr Materin Dets 14:59-61, May 69 (Rus)

## CEREBROSPINAL FLUID

- [Study of the acid potelase activity of human cerebrospinal fluid] Kerekes M, et al.  
Stud Cercet Neurol 15:77-83, 1970 (Rum)

## CLASSIFICATION

- Slow moving protease and the seven pepsinogens. Electrophoretic demonstration of the existence of eight proteolytic fractions in human gastric mucosa. Samloff IM. Gastroenterology 57:659-69, Dec 69

## DIAGNOSTIC USE

- [Several years' experience with proteolytic enzymes in the serologic diagnosis of ABO-erythroblastosis] Bube FW. Med Welt 2:73-5, 10 Jan 70 (Ger)

## ISOLATION & PURIFICATION

- Some enzymic properties of a protease from *Alternaria tenuissima*. Jönsson AG.  
Acta Chem Scand 23:1943-50, 1969
- Enzymoserological separation of bacterial proteinases. Dahle HK. Acta Path Microbiol Scand 77:143-8, 1969
- Angiotensin converting enzyme: method of assay and partial purification. Dorer FE, et al.  
Anal Biochem 33:102-13, Jan 70
- Enzymes produced by a *Pseudomonas* species which inactivate inhibitors of certain viral hemagglutinins. I. Identification and purification of a proteinase and phospholipase C. Schmidt NJ, et al.  
Appl Microbiol 18:500-8, Sep 69
- Purification and properties of a microsomal endopeptidase from rat kidney preferentially hydrolyzing parathyroid hormone. Marama M, et al.  
Arch Biochem 138:245-53, May 70
- Peptidases in the skin. II. Demonstration and partial separation of several specific dipeptide naphthylamidases in the rat and human skin. Hopsu-Havu VK, et al.  
Arch Klin Exp Derm 235:53-62, 1969
- Partial purification and characterization of an acid dipeptide naphthylamidase (carboxytripeptidase) of the rat skin. Hopsu-Havu VK, et al.  
Arch Klin Exp Derm 236:282-96, 1970
- Partial purification and characterization of an alkaline dipeptide naphthylamidase (Arg-Arg-NAase) of the rat skin. Hopsu-Havu VK, et al.  
Arch Klin Exp Derm 236:267-81, 1970
- Purification of wheat proteases by affinity chromatography on hemoglobin-Sepharose column. Chua GK, et al.  
Biochem Biophys Res Commun 37:545-50, 22 Oct 69
- The specificity of the VI-phage II bacteriolytic enzyme. Taylor A.  
Biochem Biophys Res Commun 41:16-24, 9 Oct 70
- An endogenous inhibitor of microsomal mixed-function oxidases in homogenates of the southern armyworm (*Prodenia eridania*). Krieger RI, et al.  
Biochem J 116:781-9, Mar 70
- Pyrrolidonecarboxyl peptidase from rat liver. Armentrout RW.  
Biochim Biophys Acta 191:756-9, 1969
- Purification and properties of endopeptidase from rabbit red cells and its process of degradation of angiotensin. Kokubu T, et al.  
Biochim Biophys Acta 191:668-76, 1969
- Purification and some properties of two hemorrhagic principles (HR2a and HR2b) in the venom of *Trimeresurus flavoviridis*; complete separation of the



- principles from proteolytic activity. Takahashi T, et al. *Biochim Biophys Acta* 207:65-75, 28 Apr 70
- Biochemical and physiological properties of an extracellular protease produced by *Bacillus megaterium*. Millet J, et al.
- Biotechn Bioengin* 11:1233-46, Nov 69
- The isolation and partial characterization of an acid protease produced by *Mucor miehei*. Ottesen M, et al. *C R Lab Carlsberg* 37:301-25, 1970
- The effect of cathepsins from varied sources on proteinpolysaccharide (PP-L) of bovine costal cartilage and on proteoglycan subunit (PGS) of bovine nasal cartilage. Dziewiatkowski DD, et al. *Calcif Tissue Res Suppl* 64:5, 1970
- Large-scale preparation and some properties of penicillopepsin, the acid proteinase of *Penicillium janthinellum*. Sodek J, et al.
- Canad J Biochem* 48:425-31, Apr 70
- Comparative biochemistry of proteases from a coelenterate. Coan MH, et al.
- Comp Biochem Physiol* 32:127-39, 1 Jan 70
- Studies on human cervical mucus: mucoids and their relation to sperm penetration. Moghissi KS, et al. *Fertil Steril* 21:234-9, Mar 70
- Hydrolysis of peptides containing D-amino acids by rabbit tissues. Saxena KC, et al.
- Indian J Biochem* 6:226-7, Dec 69
- The effect of seminal protease on sperm migration through cervical mucus. Moghissi KS, et al.
- Int J Fertil* 15:43-9, Jan-Mar 70
- Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J. *J Appl Bact* 33:207-19, Mar 70
- Purification and properties of proteolytic enzymes from thermophilic actinomycetes. Desai AJ, et al. *J Bact* 100:149-55, Oct 69
- Studies on fin whale pancreatic proteases. II. Purification of the pancreatic proteases. Koide A, et al. *J Biochem (Tokyo)* 66:541-8, Oct 69
- The complex nature of proelastase, a propeptidase, and associated protein. Hercz A.
- J Biol Chem* 244:5556-62, 25 Oct 69
- Protease composition of a rennet substitute from *Bacillus subtilis* and properties of its component proteases. Puhon Z. *J Dairy Sci* 52:1372-8, Sep 69
- Production of a milk-clotting enzyme preparation by *Aspergillus niger* and the effect of various factors on its activity. Osman HG, et al.
- J Gen Microbiol* 59:125-9, Nov 69
- Purification and some properties of milk-clotting enzyme from *Aspergillus niger*. Osman HG, et al. *J Gen Microbiol* 59:131-5, Nov 69
- Serological identities of proteases and alkaline phosphatases of the so-called nonagglutinable (NAG) vibrios and those of *Vibrio cholerae*. Hsieh H, et al. *J Infect Dis* 121:251-9, Mar 70
- Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinogen. B. Herzog RH, et al.
- J Lab Clin Med* 76:451-65, Sep 70
- Thrombin enzyme from *Crotalus adamanteus*. Markland FS, et al. *Lancet* 1:1398, 27 Jun 70
- Production of extracellular proteolytic enzymes from two strains of oral streptococci. Linder L, et al. *Svensk Tandlak T* 63:399-407, Jun 70
- [Characterization of 2 endopeptidases excreted by *B. subtilis* Marburg during sporulation] Millet J. *Bull Soc Chim Biol (Paris)* 51:457-69, 25 Jul 69 (Fre)
- [Evolution of endopeptidases. XI. A protease with chymotryptic specificity from the gastric juice of *Sepla officinalis* (cuttlefish)] Rothe W, et al.
- Hoppe Seyler Z Physiol Chem* 351:629-34, May 70 (Ger)
- [Proteinase K: a new serological effective protease from fungi] Roelcke D, et al.
- Z Med Mikrobiol Immun* 155:156-70, 1969 (Ger)
- [Studies on the role of SH-dependent proteases in Arthus-type hypersensitivity reaction. II. Production of Arthus permeability factors and activation of leukogresin by Arthus proteases] Muto M.
- J Kumamoto Med Soc* 43:690-706, 25 Aug 69 (Jap)
- [Studies on the role of SH-dependent proteases in Arthus hypersensitivity reaction and its biological significance. I. Purification of SH-dependent proteases isolated from cutaneous Arthus lesions] Muto M.
- J Kumamoto Med Soc* 43:681-9, 25 Aug 69 (Jap)
- [Heterogeneity of histones] Bartkowiak J, et al. *Postepy Biochem* 16:263-96, 1970 (Pol)
- [Isolation and properties of the proteinase of

- Aspergillus terricola*] Korshunov VV. *Mikrobiologiya* 38:238-44, Mar-Apr 69 (Rus)
- [Study of the proteinase of *Aspergillus terricola* by electrophoresis] Korshunov VV. *Mikrobiologiya* 38:48-51, Jan-Feb 69 (Rus)
- [Isolation and study of a highly active preparation of *Aspergillus oryzae* protease] Tsyperovich AS, et al. *Ukr Biokhim Zh* 41:91-5, 1969 (Ukr)

# METABOLISM

- Proteolytic enzymes in the skin. 3. Studies on the extractability, stability and modifier characteristics of the caseinolytic enzymes in the rat skin. Jansén CT, et al. *Acta Dermatovenere (Stockholm)* 49:525-35, 1969
- Studies of *Aspergillus fumigatus*; casein precipitating and proteolytic effects of mycelial filtrate. Rutqvist L. *Acta Vet Scand* 10:18-35, 1969
- Studies on *Aspergillus fumigatus*; properties of intracellular proteinase. Rutqvist L. *Acta Vet Scand* 10:234-54, 1969
- Studies on *Aspergillus fumigatus*; hydrolysis of polyamino acids by mycelial filtrate and chromatographic fractionation of the filtrate. Rutqvist L, et al. *Acta Vet Scand* 10:255-74, 1969
- Enzyme-serological comparison of proteolytic enzymes produced by salmonella species and other enterobacteria. Sandvik O. *Acta Vet Scand* 10:225-33, 1969
- Fibrinolytic activity in cervical and endometrial neoplasia. Zeller J, et al.
- Amer J Obstet Gynec* 107:1071-8, 1 Aug 70
- Kinins and intracranial hemorrhages. Scuteri F, et al. *Angiology* 21:193-210, Mar 70
- Liver circulation and function. Observation of enzymatic activity in ligated rat liver lobes. Noda Y, et al. *Ann Histochim* 14:225-30, Jul-Sep 69
- Action of bacterial growth on the sarcoplasmic and urea-soluble proteins from muscle. I. Effects of *Clostridium perfringens*, *Salmonella enteritidis*, *Achromobacter liquefaciens*, *Streptococcus faecalis*, and *Kurthia zopfi*. Hasegawa T, et al.
- Appl Microbiol* 20:117-22, Jul 70
- Purification and properties of a microsomal endopeptidase from rat kidney preferentially hydrolyzing parathyroid hormone. Maramba M, et al. *Arch Biochem* 138:245-53, May 70
- Subtilisin BPN: kinetic study with oligopeptides. Morihara K, et al. *Arch Biochem* 138:515-25, Jun 70
- Effects of cold injury on six enzymes in rat brain. Bingham WG Jr, et al.
- Arch Neurol (Chicago)* 21:649-60, Dec 69
- Dynamic interactions between cell wall polymers, extracellular proteases and autolytic enzymes. Brown WC, et al.
- Biochem Biophys Res Commun* 38:564-8, 20 Feb 70
- The time course of development of acetylcholinesterase and choline acetyltransferase in *Drosophila melanogaster*. Dewhurst SA, et al. *Biochem Genet* 4:499-508, Aug 70
- Electrophoretic heterogeneity of mouse erythrocyte peptidases. Lewis WH, et al.
- Biochem Genet* 3:493-8, Oct 69
- The proteolytic action of arvin on human fibrinogen. Ewart MR, et al. *Biochem J* 115:17P, Nov 69
- Studies on the *Bacillus subtilis* neutral-protease and *Bacillus thermoproteolyticus* thermolysin-catalyzed hydrolysis of dipeptide substrates. Feder J, et al. *Biochemistry (Wash)* 9:2784-91, 7 Jul 70
- Garvan Award address of the American Chemical Society: peptidase activity and peptide metabolism in *Escherichia coli* K-12. Simmonds S. *Biochemistry (Wash)* 9:1-9, 6 Jan 70
- ATP-inhibited ribonuclease of *Bacillus subtilis*. I. Purification and general properties. Yamasaki M, et al. *Biochim Biophys Acta* 209:463-74, 1970
- Biochemical and physiological properties of an extracellular protease produced by *Bacillus megaterium*. Millet J, et al.
- Biotechn Bioengin* 11:1233-46, Nov 69
- Chlorpromazine photosensitivity in mice: its action spectrum and the effect of anti-inflammatory agents. Hunter JA, et al. *Brit J Derm* 82:157-68, Feb 70
- Enzymes of entamoeba histolytica. Jarumilinta R, et al. *Bull WHO* 41:269-73, 1969
- An evaluation of fungal enzymes for the solubilization of wheat bran constituents. Neudoerffer TS, et al. *Canad J Microbiol* 16:139-46, Mar 70
- Inhibition of exocrine pancreatic secretion by glucagon



# SUBJECT SECTION

# PEPTIDE

- and D-glucose given intravenously. Nakajima S, et al. *Canad J Physiol Pharmacol* 48:299-305, May 70
- Multiple forms of dipeptidases in normal human intestinal mucosa and in mucosa from children with coeliac disease. Dolly JO, et al. *Clin Chim Acta* 26:555-8, Dec 69
- Generation of the proteolytic activity bound with alpha 2-macroglobulin during plasma clotting. Szczeklik A. *Clin Chim Acta* 27:339-46, Feb 70
- Digestive proteases in the cyclostome *Myxine glutinosa* (L). Nilsson A, et al. *Comp Biochem Physiol* 32:237-50, 15 Jan 70
- Experimental acute pancreatitis. Wanke M. *Curr Top Path* 52:64-142, 1970 (465 ref.)
- Cytoplasmic regulation and cyclic variation in protein synthesis in the early cleavage stage of the sea urchin embryo. Mano Y. *Develop Biol* 22:433-60, Jul 70
- Faecal proteolysis of albumin and IgG in Crohn's disease and ulcerative colitis. Soltoft J, et al. *Digestion* 2:282-8, 1969
- Thyroglobulin degradation: Particulate intermediates produced in vivo. Peake RL, et al. *Endocrinology* 87:494-505, Sep 70
- Effects of histamine and pheniramine maleate on protease activity in sheep liver homogenates. Kesava Rao KV, et al. *Enzymologia* 39:145-50, 30 Sep 70
- Maternal characteristics of hatching enzymes in hybrid sea urchin embryos. Barrett D, et al. *Exp Cell Res* 57:159-66, Oct 69
- On the ultrastructural cytochemistry of nuclear pores in Novikoff hepatoma cells. Koshiba K, et al. *Exp Cell Res* 60:199-209, May 70
- Biochemical and electron microscopic study of isolated yeast nuclei. Molenaar I, et al. *Exp Cell Res* 60:148-56, May 70
- Influence of recurrent nerve severance on haemolymph proteins in *Periplaneta americana* L. Prabhu VK, et al. *Experientia* 25:1115, 15 Oct 69
- A trypsin-like protease in guinea pig skin. Song CW, et al. *Experientia* 25:1063-4, 15 Oct 69
- Distribution of a dipeptide naphthylamidase in rat tissues and its localisation by using diazo coupling and labeled antibody techniques. Hopsu-Havu VK, et al. *Histochemie* 17:30-8, 1969
- Hydrolysis of peptides containing D-amino acids by rabbit tissues. Saxena KC, et al. *Indian J Biochem* 6:226-7, Dec 69
- Enzymatic degradation of the encephalitogenic protein. Einstein ER, et al. *Int Arch Allerg* 36:Suppl:363-75, 1969
- Simple peptides in brain. Sano I. *Int Rev Neurobiol* 12:235-63, 1970 (155 ref.)
- Studies on the fibrinolytic activity in human semen studied by gel filtration. Hisazumi H. *Invest Urol* 7:410-21, Mar 70
- Physiological studies on early-blocked sporulation mutants of *Bacillus subtilis*. Michel JF, et al. *J Appl Bact* 33:220-7, Mar 70
- Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J. *J Appl Bact* 33:207-19, Mar 70
- Biochemical changes during fungal sporulation and spore germination. I. Phenyl methyl sulfonyl fluoride inhibition of macroconidial germination in *Microsporum gypseum*. Leighton TJ, et al. *J Bact* 101:931-40, Mar 70
- Role of enzymes in growth and morphology of *Neurospora crassa*: cell-wall-bound enzymes and their possible role in branching. Mahadevan PR, et al. *J Bact* 101:941-7, Mar 70
- Substrate specificities of kinin releasing enzymes: hog pancreatic kallikrein and snake venom kininogenase. Kato H, et al. *J Biochem (Tokyo)* 68:9-17, Jul 70
- Mechanism of release of maternal messenger RNA induced by fertilization in sea urchin eggs. Mano Y, et al. *J Biochem (Tokyo)* 67:811-28, May 70
- Thyroglobulin and thyroid acid protease activity in thyroid disease. Valenta L, et al. *J Clin Endocr* 31:422-7, Oct 70
- Influence of the growth medium on the proteinase system of *Streptococcus lactis* no. 3. Westhoff DC, et al. *J Dairy Sci* 53:1286-7, Sep 70
- Purification and some properties of milk-clotting enzyme from *Aspergillus niger*. Osman HG, et al. *J Gen Microbiol* 59:131-5, Nov 69
- Increased protease activity and changes in basic proteins and lipids in multiple sclerosis plaques. Einstein ER, et al. *J Neurol Sci* 11:109-21, Aug 70
- Effect of tannic acid and related compounds on the absorption and utilization of proteins in the rat. Glick Z, et al. *J Nutr* 100:516-20, May 70
- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al. *J Nutr* 100:361-8, Mar 70
- Adaptation of canine pancreatic enzymes to diet composition. Behrman HR, et al. *J Physiol (London)* 205:667-76, Dec 69
- Lysosomal hydrolases in *Acanthamoeba* sp. Müller M. *J Protozool* 16:428-31, Aug 69
- Synthesis and cleavage of enterovirus polypeptides in mammalian cells. Klehn ED, et al. *J Virol* 5:358-67, Mar 70
- Early intracellular events in the replication of bacteriophage T4 deoxyribonucleic acid. V. Further studies on the T4 protein-deoxyribonucleic acid complex. Miller RC Jr, et al. *J Virol* 5:490-501, Apr 70
- Purification, characterization, and attempts at isotopic labeling of mouse interferon. Paucker K, et al. *J Virol* 5:145-52, Feb 70
- Experimental studies on dynamic behavior of cells in subcutaneous solid tumor (MH 134-C3H-He). Iijima N, et al. *Jap J Exp Med* 39:205-21, Jun 69
- Thromboplastic and fibrinolytic activity in lungs of some mammals. Astrup T, et al. *Lab Invest* 22:381-6, May 70
- Mediators of tissue damage in leukocyte lysosomes. X. Further studies on human granulocyte elastase. Janoff A. *Lab Invest* 22:228-36, Mar 70
- In vitro metabolic effects of proteolytic digests of bovine growth hormone in adipose tissue. Swislocki NI. *Metabolism* 18:895-900, Nov 69
- Relation between concentration in tissues and activity of anticancer drug. Shibata K, et al. *Nagoya Med J* 15:313-27, Dec 69
- Genetic analysis with man-mouse somatic cell hybrids. Linkage between human lactate dehydrogenase B and peptidase B genes. Santachlara AS, et al. *Nature (London)* 227:248-51, 18 Jul 70
- Mechanism of pancreatic autodigestion. *New Eng J Med* 283:487-8, 27 Aug 70
- The effect of various kinds of carbohydrates on amylase formation in the pancreas. Bučko A, et al. *Nutr Dieta (Basel)* 11:203-13, 1969
- On the question of the absorption of insulin from the gastrointestinal tract during postnatal development. Hirsová D, et al. *Physiol Bohemoslov* 18:281-4, 1969
- The role of lysosomal proteases in the pathogenesis of pancreatitis. Berndt W, et al. *Pol Arch Med Wewnet* 4:535-7, Apr-May 70
- The influence of some proteolytic enzymes on serum proteins. Bogdanikowa B, et al. *Pol Arch Med Wewnet* 4:311-6, Apr-May 70
- The leukocyte proteolysis of blood proteins. Gibiński K, et al. *Pol Arch Med Wewnet* 4:377-83, Apr-May 70
- Serum proteolytic activity bound with alpha2-macroglobulin in hepato-biliary diseases. Szczeklik A. *Pol Arch Med Wewnet* 4:331-6, Apr-May 70
- Studies on the proteolytic activity of feces in pancreatic diseases. Halawa B, et al. *Pol Med J* 9:349-53, 1970
- Conversion of bacterial aldolase from vegetative to spore form by a sporulation-specific protease. Sadoff HL, et al. *Proc Nat Acad Sci USA* 66:844-9, Jul 70
- Kininogenase activity in the stimulated submandibular salivary gland in cat. Gautvik KM, et al. *Scand J Clin Lab Invest Suppl* 107:101+, 1969
- Kininogenase activity in the stimulated submandibular salivary gland in cat. Gautvik KM, et al. *Scand J Clin Lab Invest* 24:Suppl 107:101+, 1969
- Fibrinolytic activity in the normal and inflamed rectal mucosa. Kwaan HC, et al. *Scand J Gastroent* 4:441-5, 1969
- The biochemical basis of the fungus-attine ant symbiosis. Martin MM. *Science* 169:16-20, 3 Jul 70
- Lysosomal hydrolases in experimental amyloidosis. II. Effects of dimethylsulfoxide in vivo and in vitro. Tolnai S, et al. *Virchow Arch [Zellpath]* 4:151-63, 1969
- The course of phage phi-e infection in sporulating cells of *Bacillus subtilis* strain 3610. Sonenshein AL, et al. *Virology* 39:265-75, Oct 69
- [Characterization of 2 endopeptidases excreted by *B. subtilis* Marburg during sporulation] Millet J. *Bull Soc Chim Biol (Paris)* 51:457-69, 25 Jul 69 (Fre)
- [The localization of exopeptidases in *Bacillus brevis*] Fritsche M, et al. *Acta Biol Med German* 22:519-23, 1969 (Ger)
- [Distribution and inhibition of human esterolytic



- dermoproteases] Stüttgen G, et al. Arch Klin Exp Derm 235:9-15, 1969 (Ger)
- [Pullulanase from *Aerobacter aerogenes*. Localization of the enzyme bound to continuously grown cells. Possible association with the outer membrane system of the cells] Bender H. Arch Mikrobiol 71:331-52, 1970 (Ger)
- [The action of microbial enzymes on organic dental substance. 3. The enzymatic action of *Bacillus mycoides* and *Micrococcus epidermidis*] Schmidt H, et al. Deutsch Stomat 20:331-8, May 70 (Ger)
- [Occurrence and kinetics of tripeptidases in rat kidney] Kirschke H, et al. Hoppe Seyler Z Physiol Chem 350:1449-59, Nov 69 (Ger)
- [The biology of dermatophytes. Contributions of electron microscopy to the enzymatic cytochemistry and biochemistry] Meinhof W. Minerva Med 60:5301-4, 26 Dec 69 (Ita)
- [Enzyme activity of the synovial membrane and fluid] Hoshino T. Acta Med (Fukuoka) 39:172-88, May 69 (Jap)
- [Intestinal absorption of enzymatic anti-inflammatory drugs] Moriwaiki C, et al. Clin Endocr (Tokyo) 18:205-11, Mar 70 (Jap)
- [Purification of hog pancreatic kallikreins and their proteolytic activities] Takami T. J Jap Biochem Soc 41:777-85, Nov 69 (Jap)
- [Disorders of the pancreatic excretory function, with special reference to its etiology] Hattai Y. Saishin Igaku 25:667-70, Mar 70 (24 ref.) (Jap)
- [Studies on intestinal absorption of proteolytic enzyme] Yoshioka Y. Sapporo Med J 36:41-52, Jul-Aug 69 (Jap)
- [Activity of peptidases of human leukocytes in inflammatory and neoplastic diseases] Kotlarek-Haus S. Pol Arch Med Wewnet 44:597-602, Jun 70 (Pol)
- [Ions in the enzymatic catalysis] Muszyńska G. Postepy Biochem 16:67-88, 1970 (80 ref.) (Pol)
- [Renin and angiotensin] Tomaszewski J, et al. Postepy Biochem 16:21-32, 1970 (63 ref.) (Pol)
- [Role of glucocorticoid and mineralocorticoid secretion in disturbances of protein metabolism following thermal trauma] Zaets TL, et al. Dokl Akad Nauk SSSR 192:246-9, May-Jun 70 (Rus)
- [Enzyme activity of intact conidia of some actinomycetes] Kalakutskii LV, et al. Mikrobiologiya 36:279-83, Mar-Apr 67 (Rus)
- [Isolation and properties of the proteinase of *Aspergillus terricola*] Korshunov VV. Mikrobiologiya 38:238-44, Mar-Apr 69 (Rus)
- [Study of the proteinase of *Aspergillus terricola* by electrophoresis] Korshunov VV. Mikrobiologiya 38:48-51, Jan-Feb 69 (Rus)
- [Proteolytic activity of the barotolerant bacterium, *Bacterium candicans* var. I, growing under high pressure] Kriss AE, et al. Mikrobiologiya 38:233-7, Mar-Apr 69 (Rus)
- [Influence of nutrition on the enzyme content in the pancreas of rats] Buchko A, et al. Vop Pitani 28:52-8, May-Jun 69 (Rus)
- [A change in the activity of proteolytic enzymes in lymphoid organs following immunization of the animals with pertussis-diphtheria-tetanus vaccines] Leites FL, et al. Zh Mikrobiol 46:75-80, Aug 69 (Rus)
- [Dynamics of toxin formation in *Cl. perfringens* types D and E] Zemlanikala EP, et al. Zh Mikrobiol 46:102-5, Sep 69 (Rus)

# PHARMACODYNAMICS

- Influence of an enzyme from *aspergillus oryzae*, protease I, on some components of the fibrinolytic system. Kiessling H, et al. Acta Chem Scand 24:569-79, 1970
- Effect of insulin on bone in tissue culture. Prasad GC, et al. Acta Orthop Scand 41:44-56, 1970
- Effect of various substances on tensile strength of sow ovarian follicles. Espey LL. Amer J Physiol 219:230-3, Jul 70
- Partial purification and some properties of the factor in normal and leukaemic human urine stimulating mouse bone marrow colony growth in vitro. Stanley ER, et al. Aust J Exp Biol Med Sci 47:467-83, Aug 69
- Enzyme-treated bovine arterial heterografts. II. In vivo assessment in the dog. Buxton B, et al. Aust New Zeal J Surg 39:199-206, Nov 69
- Enzyme-treated bovine arterial heterografts. I. Preparation and physical properties. Upton B, et al. Aust New Zeal J Surg 39:78-84, Aug 69

- The specificity of the VI-phage II bacteriolytic enzyme. Taylor A. Biochem Biophys Res Commun 41:16-24, 9 Oct 70
- The effect of proteolytic enzymes on acetylcholinesterase activity, the sodium pump and choline transport in human erythrocytes. Martin K. Biochim Biophys Acta 203:182-4, 17 Mar 70
- Enhancing effect of proteolytic enzymes on interferon production. Joshi N, et al. Canad J Microbiol 16:206-7, Mar 70
- Action of insulin on isolated fat cells. Gilemann J. Danish Med Bull 16:Suppl 4:1-42, May 69 (163 ref.)
- Phagocytosis of modified erythrocytes by macrophages and L2 cells. Rabinovitch M. Exp Cell Res 56:326-32, Aug 69
- Disaggregation of slime mold pseudoplasmodia using EDTA and various proteolytic enzymes. Takeuchi I, et al. Exp Cell Res 61:183-90, Jul 70
- Isolation and characterization of nuclease mutants in *Neurospora crassa*. Ishikawa T, et al. Genetics 63:75-92, Sep 69
- The antigen involved in immune adherence with stratum corneum and human serum. Krogh HK. Int Arch Allerg 38:78-92, 1970
- Immunological studies of insoluble lipoproteins. 3. Characterization of the lipoprotein-bound thyroid gland-specific antigen. Okada S, et al. Int Arch Allerg 39:6-15, 1970
- Electron microscopy of bovine and human cervical mucus. Bruggen EF van, et al. Int J Fertil 15:50-7, Jan-Mar 70
- The effect of seminal protease on sperm migration through cervical mucus. Moghissi KS, et al. Int J Fertil 15:43-9, Jan-Mar 70
- Heal lcp fluid accumulation and production of diarrhea in rabbits by cell-free products of *Clostridium perfringens*. Duncan CL, et al. J Bact 100:86-94, Oct 69
- Intercellular effects on development of competence in *Bacillus subtilis*. Goldsmith MR, et al. J Bact 102:774-83, Jun 70
- Inactivation of bacteriocins in the intestinal canal and oral cavity. Kelstrup J, et al. J Bact 99:888-90, Sep 69
- Isolation and partial characterization of an immunogenic moiety obtained from *Salmonella typhimurium*. Venneman MR, et al. J Bact 100:140-8, Oct 69
- Solubilization of NADH-cytochrome b5 reductase from liver microsomes by lysosomal digestion. Takesue S, et al. J Biochem (Tokyo) 67:259-66, Feb 70
- Dissociation of sensory ganglia from the embryonic chick by pronase and other dispersing agents. Banks BE, et al. J Embryol Exp Morph 23:519-30, Apr 70
- The effect of protease treatment on the morphology of influenza A, B and C viruses. Kendal AP, et al. J Gen Virol 5:141-3, Jul 69
- Neuraminidase- and hemagglutinin-inhibiting antibodies in serum and nasal secretions of volunteers immunized with attenuated and inactivated influenza B-Eng-13-65 virus vaccines. Downie JC. J Immun 105:620-6, Sep 70
- Antigenic analysis of human heart tissue. Antigens with restricted organ distribution in acid extracts of human myocardium. Espinosa E, et al. J Immun 105:416-25, Aug 70
- The induction of bacteriophage-neutralizing antibody by mouse spleen immunogenic RNA. I. Preparation and properties of immunogenic RNA. Herscovitz HB, et al. J Immun 105:771-8, Sep 70
- Further purification of the glycoprotein that induces nephrotoxic antibody: Isolation of the active polysaccharide fraction mainly composed of glucose. Shibata S, et al. J Immun 104:215-23, Jan 70
- Effects of lysostaphin and its two active components on stable wall-defective forms of *Staphylococcus aureus*. Watanakunakorn C, et al. J Infect Dis 121:124-8, Feb 70
- Titration of kappa toxin of *Clostridium perfringens* and kappa antitoxin by a modified azocoll method. Kameyama S, et al. Jap J Med Sci Biol 23:31-46, Feb 70
- Effect of trypsin on reproduction of type 4 parainfluenza virus in Vero cell cultures under fluid overlay. Morimoto Y, et al. Jap J Med Sci Biol 23:1-11, Feb 70
- Proteolytic enzymes initiating cell division and escape from contact inhibition of growth. Burger MM. Nature (London) 227:170-1, 11 Jul 70
- Release from density dependent growth inhibition by proteolytic enzymes. Sefton BM, et al. Nature (London) 227:843-5, 22 Aug 70
- Investigations on a tissue antagonist of interferon



# SUBJECT SECTION

# PEPTIDE

- (TAI). Fournier F, et al.  
Proc Soc Exp Biol Med 132:943-50, Dec 69  
Further studies of toxic material from nematocysts of the cubomedusan *Chironex fleckeri* Southcott.  
Endean R, et al. Toxicon 7:303-14, Dec 69  
Evaluation of automated multichannel blood grouping apparatus. 3. Studies on detection of human hemagglutinins. USAMRL Report No. 828. Camp FR Jr, et al. US Army Med Res Lab 1-8, 11 Jul 69  
Aggregation of alfalfa mosaic virus under influence of externally applied agents. DeZoeten GA, et al. Virology 41:573-4, Jul 70  
Action of pronase and neuraminidase on the electrophoretic mobility of erythrocytes from normal cats and those with spontaneous tumours. Mehrishi JN. Vox Sang 18:27-33, Jan 70  
On the specificity of broad spectrum agglutinins. IV. Invertebrate agglutinins: current status, conceptions and further observations on the variation of the Hel receptor in pigs. Uhlenbruck G, et al. Z Immunitaetsforsch 139:486-99, Jun 70  
[Current theories of the pathogenesis of caries] Lura HE. Tandlaegebladet 73:283-90, Apr 69 (Dan)  
[Comparative study of the detoxification of a radioactive endotoxin (51Cr) by citrated serum and spleen extract] Lamensans A, et al. Ann Inst Pasteur (Paris) 117:756-67, Dec 69 (Fre)  
[Study of the action of a papain protease on experimental liver regeneration] Paraf A, et al. Path Biol (Paris) 18:421-3, Apr 70 (Fre)  
[Behavior of *Aspergillus* proteases in the digestive tract] Berndt W, et al. Arzneimittelforschung 20:571-5, Apr 70 (Ger)  
[Determination of esterase activities in vivo with the new substrate fluorescein-dilauric acid ester] Kaffarnik H, et al. Arzneimittelforschung 20:754-6, Jun 70 (Ger)  
[Procedures for the determination of the total neuraminic acid content of erythrocytes and tumor cells, as well as in the use of pronase in tissue culture] Uhlenbruck G, et al. Bibl Haemat 32:337-48, 1969 (Ger)  
[The effect of drugs on platelet function] Markwardt F. Folia Haemat (Leipzig) 92:448-59, 1969 (Ger)  
[The influence of gastro-intestinal secretions on immunoglobulins from milk and serum] Kirsch W. Helv Paediat Acta 25:119-26, Apr 70 (Ger)  
[The effect on blood coagulation of the trypsin-like protease from *Astacus leptodactylus* (Crustacea)] Zwilling R, et al. Thromb Diath Haemorrh 23:360-8, 1970 (Ger)  
[The isolation and purification of an agglutinin from the protein producing gland of *Helix pomatia*] Knobloch W, et al. Z Immunitaetsforsch 139:119-28, Feb 70 (Ger)  
[Hemagglutinins from *Helix lucorum* and *Aucostachea atrolabata*: comparative studies on anti-AHP and anti-ACN] Schnitzler S, et al. Z Immunitaetsforsch 140:156-67, Aug 70 (Ger)  
[The effect of pronase and trypsin on a murine reo-3-virus] Kaaden OR. Zbl Bakt [Orig] 212:408-12, 1970 (Ger)  
[Rotation angle and diameter of bovine erythrocytes before and after treatment with proteases] Sehrbunt HJ, et al. Zbl Veterinaermed [A] 16:515-21, Aug 69 (Ger)  
[ATPase activity in purified myelin from peripheral nerves. II. Effect of proteolytic and lipase enzymes] Cavallotti C. Boll Soc Ital Biol Sper 45:241-4, 28 Feb 69 (Ita)  
[Relationship between antigenicity and bioassay of human chorionic gonadotropin] Isojima S, et al. Clin Endocr (Tokyo) 17:650-5, Aug 69 (Jap)  
[Anti-inflammatory principle synthesized by a strain of *Serratia* sp] Tsuji H. Folia Pharmacol Jap 65:245-59, 20 May 69 (Jap)  
[Influence of various drugs on tissue permeability. (4)] Yamagami I, et al. Folia Pharmacol Jap 66:19-35, 1970 (Jap)  
[Studies on the role of SH-dependent proteases in Arthus-type hypersensitivity reaction. II. Production of Arthus permeability factors and activation of leukogresin by Arthus proteases] Muto M. J Kumamoto Med Soc 43:690-706, 25 Aug 69 (Jap)  
[Effect of trypsin and nagarse on various *Mycoplasma* organisms] Okano H, et al. Jap J Bact 25:321-8, Jun 70 (Jap)  
[Leukocyte migration factors-their basics and significance in inflammation] Aoki T. Jap J Clin Med 27:2363-76, Sep 69 (43 ref.) (Jap)  
[Mechanism of leukocyte migration in

- microcirculation] Yoshinaga M, et al. Saishin Igaku 25:1641-52, Aug 70 (102 ref.) (Jap)  
[Protective effect of respiratory chain substrates on inactivation of mitochondrial electron transfer particles by proteolytic enzymes and cobra venom] Luzikov VN, et al. Biokhimiya 34:874-7, Jul-Aug 69 (Rus)  
[Effect of abomine, acidine-pepsin and acidine-mucosine on gastric secretion in dogs] Chemodanova AI. Farmakol Toksik 32:696, Nov-Dec 69 (Rus)  
[The effect of proteolytic enzymes on the activation of the prototoxins of *Cl. perfringens* types D and E] Zemlanitskaya EP, et al. Zh Mikrobiol 46:57-60, Aug 69 (Rus)

## PHYSIOLOGY

- Effect of vitamin E and selenium deficiencies on lysosomal and cytoplasmic enzymes in sheep tissues. Buchanan-Smith JG, et al. J Nutr 99:387-94, Nov 69  
[Study of megateriopeptidase, an exocellular peptidase of *Bacillus megaterium*. 3. Biosynthesis and physiological function] Millet J, et al. Ann Inst Pasteur (Paris) 117:461-73, Oct 69 (Fre)  
[Demonstration of a colicin common to 3 serotypes of *Shigella boydii* (1,3 and 8)] Szturm-Rubinsten S, et al. Ann Inst Pasteur (Paris) 116:200-4, Feb 69 (Fre)  
[Thyroid protein splitting activities of pronase] Sugita A, et al. Clin Endocr (Tokyo) 17:997-1000, Dec 69 (Jap)  
[Inflammation] Hayashi H. J Jap Med Ass 64:516-9, 15 Aug 70 (Jap)  
[Mechanism of vascular permeability-morphological and biochemical study] Tasaki I, et al. Protein (Tokyo) 14:1336-50, Dec 69 (246 ref.) (Jap)  
[Pepsinogen, pepsin and pepsin inhibitors. Current physiopathological and clinical aspects] Cincá N. Stud Cercet Med Intern 11:23-37, 1970 (68 ref.) (Rum)

## SECRETION

- Gastric secretion in the chronic fistula ferret. Pfeiffer CJ, et al. Gastroenterology 57:518-24, Nov 69  
[Pancreatic enzymes-clinical aspects] Gjone E. T Norsk Laegeforen 90:254-7, 25 Jan 70 (Nor)  
[Enzymatic shifts in the intestinal juice and blood of the dog in experimental impairment of the function of digestive organs] Kolesnikov JuN, et al. Pat Fiziol Eksp Ter 11:25-30, Jul-Aug 67 (Rus)  
[Effect of various protein-rich food products on the external secretory function of the pancreas] Storozhuk PG. Vop Pitani 29:3-7, Jan-Feb 70 (Rus)

## THERAPEUTIC USE

- The appropriate use of mucolytic agents. Lieberman J. Amer J Med 49:1-4, Jul 70  
The use of chymopapain in degenerative disc disease: a preliminary report. Weiner DS, et al. Canad Med Ass J 102:1252-6, 6 Jun 70  
Carica papaya as ancillary therapy for athletic injuries. Holt HT. Curr Ther Res 11:621-4, Oct 69  
Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
Enzymes and antibiotics in the treatment of otolaryngologic infections. Moore PM. Eye Ear Nose Throat Monthly 48:610-4, Nov 69  
The thrombolytic action of protease 1 on experimentally produced venous thrombi in the dog. Huang CL, et al. Irish J Med Sci 2:379-89, Aug 69  
Complement dependent cytotoxic autoantibodies in patients with acute leukaemia following fibrinolytic therapy by protease 1 of *aspergillus oryzae*. Thornes RD, et al. Irish J Med Sci 3:107-14, Mar 70  
An evaluation of two proteolytic enzymes and critique of the clinical study. Marlette RH, et al. Oral Surg 29:249-54, Feb 70  
[Treatment of dyspepsia with a new poly-enzymatic drug] Dupérlé MJ. Bordeaux Med 3:1157-8 passim, Apr 70 (Fre)  
[Treatment of premenstrual syndrome. Results obtained with Chymodrex] Linquette M, et al. Lille Med 12:Suppl:529-33, May 67 (Fre)  
[Use of proteolytic enzymes in gynecology and obstetrics] Dumont M, et al. Lyon Med 222:897-9, 16 Nov 69 (Fre)  
[Pseudomyxoma peritonei. 3 cases. Biochemical study of the mucoid substance in 1 case. Therapeutic possibilities] Roux M, et al. Presse Med 77:1975-8, 13 Dec 69 (Fre)  
[Behavior of *Aspergillus* proteases in the digestive



- tract] Berndt W, et al.  
*Arzneimittelforschung* 20:571-5, Apr 70 (Ger)  
 [Clinical comparison of Dactil and Dactilase in digestive disorders] Plancherel P.  
*Praxis* 58:1275-8, 7 Oct 69 (Ger)  
 [Therapy of dyspepsia in general practice] Lang K.  
*Z Allgemeinmed* 45:1133-5, 31 Aug 69 (Ger)  
 [Anti-inflammatory principle synthesized by a strain of *Serratia* sp] Tsuji H.  
*Folia Pharmacol Jap* 65:245-59, 20 May 69 (Jap)  
 [Clinical use of anti-inflammatory enzyme, Sa-001(Jeoase) in pharyngolaryngeal complications after intratracheal intubation] Miyazaki M, et al.  
*Jap J Anesth* 18:722-30, Aug 69 (Jap)  
 [Enzyme preparation--clinical study] Yamamura Y.  
*Jap J Clin Med* 28:Suppl:644-7, 25 Mar 70 (Jap)  
 [Proteolytic enzymes in the treatment of furuncles of the face and head] Varishavskii IM, et al.  
*Khirurgia (Moskva)* 45:13-5, May 69 (Rus)  
 [Indices of the coagulation and anticoagulation system of the blood under the influence of proteolytic enzyme treatment of patients with chronic nonspecific processes in the lung] Komarova IA.  
*Ter Arkh* 41:84-6, Mar 69 (Rus)  
 [Antibiotics and proteolytic enzymes in the therapy of acute odontogenic osteomyelitis] Kaplun MS, et al.  
*Vestn Khir Grekov* 103:58-9, Dec 69 (Rus)  
 [Use of proteolytic enzymes in the treatment of acute suppurative diseases of the maxillo-facial area] Protasevich AI.  
*Vestn Khir Grekov* 102:83-5, Mar 69 (Rus)  
 [Use of proteolytic enzymes in the treatment of chronic suppurative otitis media] Veremeenko KN, et al.  
*Vestn Otorinolaring* 31:82-5, Mar-Apr 69 (Rus)  
 [Application of electrophoretic administration of proteolytic enzymes in stomatologic practice] Mnatsakanian EA, et al.  
*Zh Eksp Klin Med* 10:94-9, 1970 (Rus)  
 [Use of a combination of an antibiotic with proteolytic enzymes in post-abortion pelvic infection] Acosta Bendek E. *Ginec Obstet Mex* 27:297-305, Mar 70 (Spa)

#### TOXICITY

- Pharmacologic properties of chymopapain. Gesler RM.  
*Clin Orthop* 67:47-51, Nov-Dec 69

#### URINE

- Observations on the kininogenase activity of rat kidney and urine. Nustad K.  
*Scand J Clin Lab Invest Suppl* 107:97+, 1969  
 Observations on the kininogenase activity of rat kidney and urine. Nustad K.  
*Scand J Clin Lab Invest* 24:Suppl 107:97+, 1969  
 The influence of major surgery on kinin-forming, kinin-destroying and alkaline phosphatase activities in urine. Ofstad E, et al.  
*Scand J Clin Lab Invest* 24:Suppl 107:163+, 1969  
 The influence of major surgery on kinin-forming, kinin-destroying and alkaline phosphatase activities in urine. Ofstad E, et al.  
*Scand J Clin Lab Invest Suppl* 107:163+, 1969  
 [Proteolytic enzymes in the blood. I. Proteolytic activity at around pH 2--a new determination method for pepsin and pepsinogen] Uete T, et al.  
*Jap J Clin Path* 17:485-8, Jun 69 (Jap)  
 [Measurement of pH activity curve of urinary proteolytic enzyme] Ishimori A, et al.  
*Saishin Igaku* 25:1961-5, Sep 70 (Jap)

#### PEPTIDE PEPTIDOHYDROLASES

- Some enzymic properties of a protease from *Alternaria tenuissima*. Jönsson AG.  
*Acta Chem Scand* 23:1943-50, 1969  
 Morphological and histochemical studies on fibrillogenic epitheliocapsularis. Bertelsen TI, et al.  
*Acta Ophthal (Kobenhavn)* 47:476-88, 1969  
 Simulated mutation at the active site of biologically active proteins. Polgár L, et al.  
*Advances Enzym* 33:381-400, 1970 (19 ref.)  
 Enzymatic digestion of human lung tissue. Nenadic CM, et al. *Amer Industr Hyg Ass J* 31:81-6, Jan-Feb 70  
 Human pancreatic proteins: amylase, proelastase, and trypsinogen. Allan BJ, et al.  
*Arch Biochem* 136:529-40, Feb 70  
 The optical rotatory dispersion and circular dichroism of ribonuclease and its subtilisin modified

- derivatives. Herskovits TT, et al.  
*Arch Biochem* 135:452-4, Dec 69  
 Evidence of a hydrazine-reactive group at the active site of the nonheme portion of horseradish peroxidase. Hidaka H, et al.  
*Arch Biochem* 140:174-80, Sep 70  
 Amino acid composition and specificity of a keratinase of *Trichophyton mentagrophytes*. Yu RJ, et al.  
*Arch Biochem* 135:363-70, Dec 69  
 An endopeptidase in the uterine secretion of the proestrous rat and its relation to a sperm decapitating factor. Joshi MS, et al.  
*Biochem Biophys Res Commun* 38:52-7, 6 Jan 70  
 Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*. Jurasek L, et al.  
*Biochem Biophys Res Commun* 37:99-105, 24 Sep 69  
 The amino acid sequence of taro ferredoxin. Rao KK, et al.  
*Biochem Biophys Res Commun* 38:500-6, 6 Feb 70  
 Leucyl-pepsin a product of hog pepsinogen activation by proteinases of *Aspergillus oryzae*. Stepanov VM, et al.  
*Biochem Biophys Res Commun* 37:470-6, 22 Oct 69  
 Hybrid formation of carboxypeptidase A and fraction II of procarboxypeptidase A. Behnke WD, et al.  
*Biochemistry (Wash)* 9:4189-200, 13 Oct 70  
 Interactions of the endopeptidase subunit of bovine procarboxypeptidase A-S6. Behnke WD, et al.  
*Biochemistry (Wash)* 9:4179-88, 13 Oct 70  
 Amino acid sequence studies on rabbit skeletal muscle actin. Cyanogen bromide cleavage of the protein and determination of the sequences of seven of the resulting peptides. Elzinga M.  
*Biochemistry (Wash)* 9:1365-74, 17 Mar 70  
 Water-insoluble enzymes. Synthesis of a new carrier and its utilization for preparation of insoluble derivatives of papain, trypsin, and subtilopeptidase A. Goldstein L, et al.  
*Biochemistry (Wash)* 9:2322-34, 26 May 70  
 Application of mass spectrometry to protein chemistry. I. Method for amino-terminal sequence analysis of proteins. Gray WR, et al.  
*Biochemistry (Wash)* 9:2134-7, 12 May 70  
 Phosphorylation of ribosomal proteins in rabbit reticulocytes. Characterization and regulatory aspects. Kabat D.  
*Biochemistry (Wash)* 9:4160-75, 13 Oct 70  
 Porcine elastase. I. The presence of tyrosinate-splitting enzymes as impurities in elastase preparations. Marshall TH, et al.  
*Biochemistry (Wash)* 8:4665-71, Dec 69  
 Ficin-and papain-catalyzed reactions. Changes in reactivity of the essential sulfhydryl group in the presence of substrates and competitive inhibitors. Whitaker JR. *Biochemistry (Wash)* 8:4591-7, Nov 69  
 Study of the structure of *Shigella flexneri* O antigen. I. Chemical degradation. Hannecart-Pokorni E, et al.  
*Biochim Biophys Acta* 201:155-66, 24 Feb 70  
 A unique carboxypeptidase activity of yeast proteinase C. Hayashi R, et al.  
*Biochim Biophys Acta* 212:359-61, 15 Aug 70  
 A comparative study of palmitoyl-CoA synthetase activity in rat-liver, heart and gut mitochondrial and microsomal preparations. Jong JW de, et al.  
*Biochim Biophys Acta* 197:127-35, 3 Mar 70  
 Activity against a synthetic substrate by a preparation of extracellular proteinase from *Serratia marcescens*. McQuade AB, et al.  
*Biochim Biophys Acta* 191:762-4, 1969  
 N-Terminal sequences of equine and human immunoglobulin heavy chains. Montgomery PC, et al.  
*Biochim Biophys Acta* 200:258-66, 17 Feb 70  
 Purification and characterization of a proteinase in the venom of *Trimeresurus flavoviridis*. Complete separation of the enzyme from hemorrhagic activity. Takahashi T, et al.  
*Biochim Biophys Acta* 198:293-307, 11 Feb 70  
 Specificity of alkaline proteinase of *Aspergillus flavus*. Turková J, et al.  
*Biochim Biophys Acta* 198:386-8, 11 Feb 70  
 Two distinct elastases from different strains of *Pseudomonas aeruginosa*. Uss RH, et al.  
*Biochim Biophys Acta* 191:179-81, 30 Sep 69  
 The stereospecificity of subtilisin BPN' towards 1-keto-3-carbomethoxy-1,2,3,4-tetrahydroisoquinoline. Dugas H.  
*Canad J Biochem* 47:985-7, Oct 69  
 Amino-terminal groups in zymogen activation: effect of nitrous acid on pepsin. Hofmann T.  
*Canad J Biochem* 47:1099-101, Dec 69



- Pseudorenin. A new angiotensin-forming enzyme. Skeggs LT, et al. *Circ Res* 25:451-62, Oct 69
- On the enzyme hydrolysis of fraction Cbeta, isolated from total zeln by means of gel filtration. Ganchev KD, et al. *Dokl Bolg Akad Nauk* 22:1397-400, 1969
- Progress in the photochemistry of enzymes. McLaren AD. *Enzymologia* 37:273-81, 31 Oct 69
- Chemical structure of tubular and glomerular basement membranes of human kidney. Isolation and characterization of the carbohydrate units. Mahieu P, et al. *Europ J Biochem* 15:520-4, Sep 70
- Structure of porcine secretin. The amino acid sequence. Mutt V, et al. *Europ J Biochem* 15:513-9, Sep 70
- Localization of two species specific antigenic determinants on the peptide chains of calf skin collagen. Pontz B, et al. *Europ J Biochem* 16:50-4, Sep 70
- Determination of elastolytic activity with 125-I and 131-I labelled elastin. Robert B, et al. *Europ J Biochem* 11:62-7, Nov 69
- An elastolytic enzyme acting on neuraminic acid containing red cell glycoproteins. Reinhardt G, et al. *Hoppe Seyler Z Physiol Chem* 351:827-33, Jul 70
- Chemical modification of subtilisin BPN' by 5-diazo-1-H-tetrazole. Otsuki K, et al. *J Biochem (Tokyo)* 68:137-43, Aug 70
- Chemical modification of tyrosyl residues of the neutral protease obtained from *Bacillus subtilis* var. *amylolaccchariticus*. Tsuru D, et al. *J Biochem (Tokyo)* 67:867-9, Jun 70
- Activity of the reduced zymogen of streptococcal proteinase. Bustin M, et al. *J Biol Chem* 245:846-9, 25 Feb 70
- Egg white avidin. I. Amino acid composition; sequence of the amino- and carboxyl-terminal cyanogen bromide peptides. DeLange RJ. *J Biol Chem* 245:907-16, 10 Mar 70
- Some physical characteristics of a proteinase from *Aeromonas proteolytica*. Griffin TB, et al. *J Biol Chem* 245:1348-56, 25 Mar 70
- Carboxyl-terminal sequence of human gastricsin and pepsin. Huang WY, et al. *J Biol Chem* 245:2189-93, 10 May 70
- Studies on the conformation and proteolytic susceptibility of rat and bovine pancreatic ribonucleases. Klee WA, et al. *J Biol Chem* 245:1227-32, 25 Mar 70
- Streptococcal proteinase-catalyzed hydrolysis of some ester and amide substrates. Liu TY, et al. *J Biol Chem* 244:5745-56, 25 Oct 69
- The amino acid sequence of Chromatium ferredoxin. Matsubara H, et al. *J Biol Chem* 245:2121-31, 25 Apr 70
- Reaction of a specific tryptophan residue in streptococcal proteinase with 2-hydroxy-5-nitrobenzyl bromide. Robinson GW. *J Biol Chem* 245:4832-41, 25 Sep 70
- The effect on subtilisin activity of oxidizing a methionine residue. Stauffer CE, et al. *J Biol Chem* 244:5333-8, 10 Oct 69
- Concerning the mechanism of ester hydrolysis by proteases. Stauffer CE, et al. *J Biol Chem* 245:3282-4, 10 Jul 70
- Enzymatic and electrochemical polymerization of fibrinogen. Stoner G, et al. *J Biomed Mat Res* 3:645-54, Dec 69
- Proteolytic degradation of exocrine and serum immunoglobulins. Brown WR, et al. *J Clin Invest* 49:1374-80, Jul 70
- Separation of the proteolytic and esterase activities of trypsin by reversible structural modifications. Coletti-Previero MA, et al. *J Molec Biol* 39:493-501, 14 Feb 69
- Immunologic studies of untreated and chemically modified bovine carotid arteries. De Falco RJ. *J Surg Res* 10:95-100, Feb 70
- Amino-acid sequence of the "Qbeta" coat protein. Konigsberg W, et al. *Nature (London)* 227:271-3, 18 Jul 70
- On the prevalence of "nonspecific" binding at the specific binding sites of globular proteins. Glazer AN. *Proc Nat Acad Sci USA* 65:1057-63, Apr 70
- Selective elimination of the exonuclease activity of the deoxyribonucleic acid polymerase from *Escherichia coli* B by limited proteolysis. Klenow H, et al. *Proc Nat Acad Sci USA* 65:168-75, Jan 70
- Hellx probability profiles of denatured proteins and their correlation with native structures. Lewis PN, et al. *Proc Nat Acad Sci USA* 65:810-5, Apr 70
- The nature of general base-general acid catalysis in serine proteases. Polgar L, et al. *Proc Nat Acad Sci USA* 64:1335-42, Dec 69
- Collagen arterial graft of bovine origin: seven-year observations in the dog. Rosenberg N, et al. *Surgery* 67:951-6, Jun 70
- Fine structure in the near ultraviolet circular dichroism and absorption spectra of tryptophan derivatives and chymotrypsinogen A at 77 degrees K. UCLA 12-724. Strickland EH, et al.
- US AEC UCLA Sch Med Lab Nucl Med 85-6, 30 Jun 69
- [Current state of knowledge of the gamma-M molecule] Martin JP. *Ann Biol Clin (Paris)* 27:587-610, Oct-Dec 69 (137 ref.) (Fre)
- [Primary structure of bovine alpha-s1 casein. Sequence of 48 amino acids at the COOH-terminal end] Mercier JC, et al. *Europ J Biochem* 14:108-19, 1 May 70 (Fre)
- [Malonyl binding site of yeast fatty acid synthetase complex] Schweizer E, et al. *Europ J Biochem* 15:483-99, Sep 70 (Ger)
- [Virus proteins. IV. Constitution of the coat protein of the fd phage] Asbeck F, et al. *Hoppe Seyler Z Physiol Chem* 350:1047-66, Sep 69 (Ger)
- [Enzymatic cleavage of native cysteine-containing polypeptides by thermolysin (EC 3.4.4.). II. Comparison of thermolysin with alpha-protease from *Crotalus atrox* venom and subtilisin] Jentsch J. *Z Naturforsch [B]* 24:1290-300, Oct 69 (Ger)
- [Current information on angiotensin I-converting enzyme] Ueda E, et al. *Jap J Clin Med* 28:1916-23, Jul 70 (26 ref.) (Jap)
- [Enzymes of the pancreas and small intestine in chronic hepatitis and liver cirrhosis] Valenkevich LN. *Klin Med (Moskva)* 47:71-5, Apr 69 (Rus)
- [Resistance of the purified preparation of LH releasing factor to the proteolytic enzymes] Basova GG, et al. *Probl Endokr (Moskva)* 16:68-72, Mar-Apr 70 (Rus)

## ADMINISTRATION &amp; DOSAGE

- Tissue response to chymopapain in different concentrations. Animal investigations on microvascular effects. Bränemark PI, et al. *Clin Orthop* 67:52-67, Nov-Dec 69
- Clinical studies on chemonucleolysis. Brown JE. *Clin Orthop* 67:94-9, Nov-Dec 69
- Clinical use of chymopapain in lumbar and dorsal disk lesions. An end-result study. Ford LT. *Clin Orthop* 67:81-7, Nov-Dec 69
- Experimental study of chymopapain in cats. Ford LT. *Clin Orthop* 67:68-71, Nov-Dec 69
- Chemonucleolysis. Smith L. *Clin Orthop* 67:72-80, Nov-Dec 69
- [Comparison of the enzymatic activity of various pancreatic enzyme preparations in vitro] Müller-Wieland K, et al. *Deutsch Med Wschr* 94:1870-2, 12 Sep 69 (Ger)
- [The prevention of suppurative complications after surgical operations] Grigorian AV, et al. *Khirurgiya (Moskva)* 45:7-13, May 69 (Rus)

## ANALYSIS

- Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovenere (Stockholm)* 49:458-67, 1969 (69 ref.)
- Amino acid composition and specificity of a keratinase of *Trichophyton mentagrophytes*. Yu RJ, et al. *Arch Biochem* 135:363-70, Dec 69
- Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*. Jurasek L, et al. *Biochem Biophys Res Commun* 37:99-105, 24 Sep 69
- Thermolysin: a zinc metalloenzyme. Latt SA, et al. *Biochem Biophys Res Commun* 37:333-9, 8 Oct 69
- Leucyl-pepsin a product of hog pepsinogen activation by proteinases of *aspergillus oryzae*. Stepanov VM, et al. *Biochem Biophys Res Commun* 37:470-6, 22 Oct 69
- Subunit structure of dipeptidyl transferase. Metrione RM, et al. *Biochemistry (Wash)* 9:2427-32, 9 Jun 70
- The cellular localization of enterokinase. Nordström C, et al. *Biochim Biophys Acta* 198:621-2, 18 Mar 70
- Two distinct elastases from different strains of *Pseudomonas aeruginosa*. Uss RH, et al. *Biochim Biophys Acta* 191:179-81, 30 Sep 69
- Pseudorenin. A new angiotensin-forming enzyme. Skeggs LT, et al. *Circ Res* 25:451-62, Oct 69



- Converting enzyme content of different tissues of the rat. Roth M, et al. *Experientia* 25:1247, 15 Dec 69
- Kinin-like activity in nasal secretions of allergic patients. Dolovich J, et al.  
*Int Arch Allerg* 38:337-44, 1970
- Studies on mold protease. 3. Some physicochemical properties and amino acid composition of *Rhizopus chinensis* acid protease. Tsuru D, et al.  
*J Biochem (Tokyo)* 67:415-20, Mar 70
- Activity of the reduced zymogen of streptococcal proteinase. Bustin M, et al.  
*J Biol Chem* 245:846-9, 25 Feb 70
- Some physical characteristics of a proteinase from *Aeromonas proteolytica*. Griffin TB, et al.  
*J Biol Chem* 245:1348-56, 25 Mar 70
- The effect on subtilisin activity of oxidizing a methionine residue. Stauffer CE, et al.  
*J Biol Chem* 244:5333-8, 10 Oct 69
- Studies on hog intrinsic factor. II. Immunoradioautographic studies of the properties of hog intrinsic factor and evidences suggesting the possible existence in hog tissues of hog intrinsic factor. Inada M. *J Vitamin (Kyoto)* 16:17-24, 10 Mar 70
- Analysis of the code relating sequence to secondary structure in proteins. Pain RH, et al.  
*Nature (London)* 227:62-3, 4 Jul 70
- Enterokinase and the chicken pancreas. Lepkovsky S, et al. *Poult Sci* 49:421-6, Mar 70
- [Contents of commercial papain] Zoch E.  
*Arzneimittelforschung* 19:1593-7, Sep 69 (73 ref.) (Ger)
- [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
*Jap J Clin Med* 28:1916-23, Jul 70 (26 ref.) (Jap)
- [Dysbacteriosis of the intestine in persons exposed to tetracycline under conditions of production and their treatment with colibacterin] Vii'shanskala FL, et al.  
*Antibiotiki* 14:1043-6, Nov 69 (Rus)
- [The colorimetric method of determining enterokinase (enteropeptidase) in the duodenal juice] Klimov IA, et al. *Lab Delo* 7:405-6, 1969 (Rus)
- [Functional condition of the intestines in children with hypotrophy following sustained gastrointestinal disorders] Guseinova NA.  
*Pediatrics* 48:15-7, Aug 69 (Rus)
- [Enzymes of the alimentary tract in skin diseases] Prokopchuk Aia, et al.  
*Przegl Derm* 56:583-7, Sep-Oct 69 (Rus)
- [Double-lumen tube in the study of small intestine] Linevskii IuV. *Sovet Med* 32:82-8, Dec 69 (Rus)
- [Dynamics of several intestinal enzymes in the complex therapy (including inductothermia) of patients with chronic colitis] Kallagina VP.  
*Vop Kurort Fizioter* 34:409-12, Sep-Oct 69 (Rus)
- [The effect of parenteral protein nutrition on the exocrine function of the pancreas in patients with chronic pancreatitis] Iakhontova OI, et al.  
*Vop Pitani* 29:67-70, May-Jun 70 (Rus)
- [Clinical and epidemiologic indications of the effectiveness of treating acute dysentery by a differential method] Dubovskii VG, et al.  
*Zh Mikrobiol* 47:39-43, Jan 70 (Rus)

# ANTAGONISTS & INHIBITORS

- Thermolysin: a zinc metalloenzyme. Latt SA, et al. *Biochem Biophys Res Commun* 37:333-9, 8 Oct 69
- Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al.  
*Biochemistry (Wash)* 9:259-67, 20 Jan 70
- Ficin and papain-catalyzed reactions. Changes in reactivity of the essential sulfhydryl group in the presence of substrates and competitive inhibitors. Whitaker JR. *Biochemistry (Wash)* 8:4591-7, Nov 69
- Selective effect of domiphen bromide (dodecylmethyl(2-phenoxyethyl)ammonium bromide) on some hydrolytic enzymes. Mäkinen KK, et al. *Biochim Biophys Acta* 206:143-51, 22 Apr 70
- Purification and characterization of a proteinase in the venom of *Trimeresurus flavoviridis*. Complete separation of the enzyme from hemorrhagic activity. Takahashi T, et al.  
*Biochim Biophys Acta* 198:293-307, 11 Feb 70
- Preservation of immunological and biological activities of insulin by insulinase inhibitor in vitro. Pierluissi J, et al. *Canad J Physiol Pharmacol* 48:291-8, May 70
- Pseudorenin. A new angiotensin-forming enzyme. Skeggs LT, et al. *Circ Res* 25:451-62, Oct 69
- Inhibitory effect of aromatic diamidines on trypsin and

- enterokinase. Geratz JD.  
*Experientia* 25:1254-5, 15 Dec 69
- Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J. *J Appl Bact* 33:207-19, Mar 70
- The renin-angiotensin system: inhibition of converting enzyme in isolated tissues. Aiken JW, et al.  
*Nature (London)* 228:30-4, 3 Oct 70
- Effect of metabolic activators, inhibitors and drugs on the proteolytic activity of *Entamoeba histolytica*. Kalra IS, et al. *Zbl Bakt [Orig]* 213:135-41, 1970
- [Influence of Trasylol on the effect of various proteases on erythrocytes] Uhlenbruck G, et al. *Klin Wschr* 47:673-5, 15 Jun 69 (Ger)
- [Proteinase inhibitors. 2. Proteinase inhibitors and insulin preparation] Stokov I, et al.  
*Pharmazie* 24:477-9, Aug 69 (Ger)
- [Therapeutic use of natural proteinase inhibitors] Güllow M. *Z Ges Inn Med* 24:785-90, 15 Nov 69 (Ger)
- [Depressive action of haricot proteinase inhibitors on the protein digestion of growing rats] Liaiman ME, et al. *Vop Pitani* 28:27-32, Jul-Aug 69 (Rus)

# BIOSYNTHESIS

- Dual control of megateriopeptidase synthesis. Chaloupka J.  
*Ann Inst Pasteur (Paris)* 117:631-6, Nov 69
- Effect of culture medium composition and pH on the production of M protein and proteinase by group A *Streptococci*. Cohen JO. *J Bact* 99:737-44, Sep 69

# BLOOD

- Kinins, kininogen and kininogenase activity in pregnancy and hepatic failure. Carretero OA, et al. *Amer J Med Sci* 259:182-6, Mar 70
- Studies on the angiotensin converting enzyme with different substrates. Piquilloud Y, et al.  
*Biochim Biophys Acta* 206:136-42, 22 Apr 70
- Studies on protein fractions isolated from human plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. *Brit J Haemat* 18:29-44, Jan 70
- Conversion of angiotensin. I. Measurement of plasma angiotensin I converting enzyme activity. Boucher R, et al. *Circ Res* 27:Suppl 1:83-91, Jul 70
- Kinetics of the plasma and lung angiotensin I converting enzymes. Huggins CG, et al.  
*Circ Res* 27:Suppl 1:93-4, Jul 70
- Pseudorenin. A new angiotensin-forming enzyme. Skeggs LT, et al. *Circ Res* 25:451-62, Oct 69
- Converting enzyme content of different tissues of the rat. Roth M, et al. *Experientia* 25:1247, 15 Dec 69
- Converting enzyme in rat serum. Loyke HF.  
*Proc Soc Exp Biol Med* 134:248-51, May 70
- [The content and activity of basic components of kinin system in blood serum of patients with rheumatism] Pashkina TS, et al.  
*Vop Med Khim* 16:152-61, Mar-Apr 70 (Rus)

# CLASSIFICATION

- Specificity of alkaline proteinase of *Aspergillus flavus*. Turková J, et al.  
*Biochim Biophys Acta* 198:386-8, 11 Feb 70

# ISOLATION & PURIFICATION

- Amino acid composition and specificity of a keratinase of *Trichophyton mentagrophytes*. Yu RJ, et al.  
*Arch Biochem* 135:363-70, Dec 69
- Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*. Jurasek L, et al.  
*Biochem Biophys Res Commun* 37:99-105, 24 Sep 69
- Activity against a synthetic substrate by a preparation of extracellular proteinase from *Serratia marcescens*. McQuade AB, et al.  
*Biochim Biophys Acta* 191:762-4, 1969
- Purification and characterization of a proteinase in the venom of *Trimeresurus flavoviridis*. Complete separation of the enzyme from hemorrhagic activity. Takahashi T, et al.  
*Biochim Biophys Acta* 198:293-307, 11 Feb 70
- Two distinct elastases from different strains of *Pseudomonas aeruginosa*. Uss RH, et al.  
*Biochim Biophys Acta* 191:179-81, 30 Sep 69
- Pseudorenin. A new angiotensin-forming enzyme. Skeggs LT, et al. *Circ Res* 25:451-62, Oct 69



- Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J. *J Appl Bact* 33:207-19, Mar 70
- Some physical characteristics of a proteinase from *Aeromonas proteolytica*. Griffin TB, et al. *J Biol Chem* 245:1348-56, 25 Mar 70
- Pharmacological significances of peptidase and proteinase in the brain. 3. Substrate specificity and amino acid composition of partially purified enzyme inactivating bradykinin in rat brain. Shikimi T, et al. *Jap J Pharmacol* 20:169-70, Mar 70
- Effect of metabolic activators, inhibitors and drugs on the proteolytic activity of *Entamoeba histolytica*. Kalra IS, et al. *Zbl Bakt [Orig]* 213:135-41, 1970
- [Current information on angiotensin I-converting enzyme] Ueda E, et al. *Jap J Clin Med* 28:1916-23, Jul 70 (26 ref.) (Jap)

## METABOLISM

- Increased susceptibility to proteolytic action of gastric superficial mucosa after sialic acid release. Velican C, et al. *Amer J Dig Dis* 15:413-8, May 70
- Virus particle content of smallpox vaccines. Dunlap RC. *Appl Microbiol* 19:689-93, Apr 70
- Inhibition of the amino acid induced initiation of germination of bacterial spores by chlorocresol. Sierra G. *Canad J Microbiol* 16:51-2, Jan 70
- Receptors for angiotensin I and II. Goodfriend TL, et al. *Circ Res* 27:Suppl 1:163+, Jul 70
- Kinetics of the plasma and lung angiotensin I converting enzymes. Huggins CG, et al. *Circ Res* 27:Suppl 1:93+, Jul 70
- Biochemistry of chymopapain. Stern IJ. *Clin Orthop* 67:42-6, Nov-Dec 69
- On the ultrastructural cytochemistry of nuclear pores in Novikoff hepatoma cells. Koshiba K, et al. *Exp Cell Res* 60:199-209, May 70
- Physiological studies on early-blocked sporulation mutants of *Bacillus subtilis*. Michel JF, et al. *J Appl Bact* 33:220-7, Mar 70
- Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. Millet J. *J Appl Bact* 33:207-19, Mar 70
- Chemical modification of subtilisin BPN' by 5-diazo-1-H-tetrazole. Otsuki K, et al. *J Biochem (Tokyo)* 68:137-43, Aug 70
- Inactivation of subtilisin BPN' by N-bromosuccinimide. Otsuki K, et al. *J Biochem (Tokyo)* 68:863-5, Dec 69
- Pharmacological significances of peptidase and proteinase in the brain. 4. Effect of bradykinin on the central nervous system and role of the enzyme inactivating bradykinin in mouse brain. Iwata H, et al. *Jap J Pharmacol* 20:80-6, Mar 70
- Pharmacological significances of peptidase and proteinase in the brain. 3. Substrate specificity and amino acid composition of partially purified enzyme inactivating bradykinin in rat brain. Shikimi T, et al. *Jap J Pharmacol* 20:169-70, Mar 70
- Amino-acid sequence of slightly lysine-rich histone. Iwai K, et al. *Nature (London)* 226:1056-8, 13 Jun 70
- Some properties of angiotensin converting enzyme in the lung in vivo. Ng KK, et al. *Nature (London)* 225:1142-4, 21 Mar 70
- Effect of lactate on collagen proline hydroxylase activity in cultured L-929 fibroblasts. Comstock JP, et al. *Proc Nat Acad Sci USA* 66:552-7, Jun 70
- Surface antigen(s) of SV40-transformed tumor cells. Häyry P, et al. *Virology* 41:22-9, May 70
- Effect of metabolic activators, inhibitors and drugs on the proteolytic activity of *Entamoeba histolytica*. Kalra IS, et al. *Zbl Bakt [Orig]* 213:135-41, 1970
- [Study of variations of some digestive enzyme activities (caseinolytic and chymotrypsic) during the development of *Aedes aegypti* larva] Combre A, et al. *J Physiol (Paris)* 2:Suppl 2:251, 1969 (Fre)
- [Comparison of the enzymatic activity of various pancreatic enzyme preparations in vitro] Müller-Wieland K, et al. *Deutsch Med Wschr* 94:1870-2, 12 Sep 69 (Ger)
- [Renin, angiotensinase and converting enzyme determinations on single microdissected juxtaglomerular apparatus and parts of the nephron] Granger P, et al. *Pflüger Arch* 312:R87-8, 1969 (Ger)
- [Current information on angiotensin I-converting enzyme] Ueda E, et al. *Jap J Clin Med* 28:1916-23, Jul 70 (26 ref.) (Jap)
- [The compensating effect of vitamin K on the activity of deranged digestive exoenzymes in animals with

- avitaminosis E] Lider VA. *Vop Pitn* 29:41-3, May-Jun 70 (Rus)
- [Toxico-hygienic characteristics of oxymethylfurfural] Simonian TA. *Vop Pitn* 28:54-8, Jan-Feb 69 (Rus)
- [The effect on the animal organism of bacterial enzyme agents designed for the use in the food industry] Vissarionova VA, et al. *Vop Pitn* 28:41-6, Sep-Oct 69 (Rus)
- [Parallels in changes in enterokinase and trypsin activity in patients with chronic diseases of the liver and pancreas] Valenkevich LN, et al. *Vrach Delo* 10:13-5, Oct 69 (Rus)

## PHARMACODYNAMICS

- Purification and characterization of a proteinase in the venom of *Trimeresurus flavoviridis*. Complete separation of the enzyme from hemorrhagic activity. Takahashi T, et al. *Biochim Biophys Acta* 198:293-307, 11 Feb 70
- Tissue response to chymopapain in different concentrations. Animal investigations on microvascular effects. Bränemark PI, et al. *Clin Orthop* 67:52-67, Nov-Dec 69
- Experimental study of chymopapain in cats. Ford LT. *Clin Orthop* 67:68-71, Nov-Dec 69
- Pharmacologic properties of chymopapain. Gesler RM. *Clin Orthop* 67:47-51, Nov-Dec 69
- Comparative studies on the properties of LATS and TSH. Ochi Y, et al. *Endocr Jap* 17:131-41, Apr 70
- Phagocytosis of modified erythrocytes by macrophages and L2 cells. Rabinovitch M. *Exp Cell Res* 56:326-32, Aug 69
- Symposium on bacterial spores: IV. Germination and the problem of dormancy. Gould GW. *J Appl Bact* 33:34-49, Mar 70
- Amino acid sequences of some common Japanese strains of tobacco mosaic virus. Nozu Y, et al. *J Biochem (Tokyo)* 68:39-52, Jul 70
- Heterogeneity of mouse myeloma gamma G globulins as revealed by enzymatic proteolysis. Gorini G, et al. *J Immunol* 103:1132-42, Nov 69
- Proteolytic enzymes initiating cell division and escape from contact inhibition of growth. Burger MM. *Nature (London)* 227:170-1, 11 Jul 70
- Release from density dependent growth inhibition by proteolytic enzymes. Sefton BM, et al. *Nature (London)* 227:843-5, 22 Aug 70
- A British family possessing two variants of the MNSs blood group system, Mv and a new class within the Miltenberger complex. Crossland JD, et al. *Vox Sang* 18:407-13, May 70
- [Influence of Trasylol on the effect of various proteases on erythrocytes] Uhlenbruck G, et al. *Klin Wschr* 47:673-5, 15 Jun 69 (Ger)
- [Classification of specific thrombocyte antigens. V. Effect of enzymes on platelet antigens 1a, 2a, and 3a (Koa)] Májský A. *Z Immunitätsforsch* 139:161-71, Feb 70 (Ger)
- [ATPase activity in purified myelin from peripheral nerves. II. Effect of proteolytic and lipase enzymes] Cavallotti C. *Boll Soc Ital Biol Sper* 45:241-4, 28 Feb 69 (Ita)
- [Current information on angiotensin I-converting enzyme] Ueda E, et al. *Jap J Clin Med* 28:1916-23, Jul 70 (26 ref.) (Jap)

## SECRETION

- Enterokinase and the chicken pancreas. Lepkovsky S, et al. *Poult Sci* 49:421-6, Mar 70

## THERAPEUTIC USE

- Lateral approach for lumbar diskogram and chemonucleolysis. Day PL. *Clin Orthop* 67:90-3, Nov-Dec 69
- Chemonucleolysis. Editorial comment. Massie WK. *Clin Orthop* 67:2-5, Nov-Dec 69
- Lateral diskograms and chemonucleolysis in the treatment of ruptured or deteriorated lumbar disks. Stewart WJ. *Clin Orthop* 67:88-9, Nov-Dec 69

## TOXICITY

- Pharmacologic properties of chymopapain. Gesler RM. *Clin Orthop* 67:47-51, Nov-Dec 69
- [The effect on the animal organism of bacterial enzyme agents designed for the use in the food industry]



## PEPTIDE

Vissarionova V Ia, et al.  
Vop Pitani 28:41-6, Sep-Oct 69 (Rus)

### URINE

The relationship between kidney and urinary kininogenase. Nustad K.  
Brit J Pharmacol 39:73-86, May 70  
[Improvement of the method of demonstrating specific endopeptidases in cancer (modified Abderhalden reaction)] Tetzner E. Krebsarzt 24:289-94, 1969 (Ger)  
[Activity of some pancreatic enzymes in the urine of newborn infants] Masal'skaia EI.  
Vop Okhr Materin Dets 14:81, Sep 69 (Rus)

## PHENINDIONE

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)

### ADMINISTRATION & DOSAGE

A comparison of the anticoagulant effects of heparin and phenindione on a standard experimental arterial thrombus. Hunt PS, et al.  
Aust New Zeal J Surg 39:207-8, Nov 69  
The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69  
Anticoagulant therapy. Leslie J.  
Brit Med J 4:621-2, 6 Dec 69  
Protection by catatoxic steroids against phenindione overdosage. Selye H.  
Thromb Diath Haemorrh 23:77-81, 28 Feb 70

### ADVERSE EFFECTS

Delayed reaction to phenindione. Lancaster-Smith MJ.  
Lancet 2:1011, 8 Nov 69  
Phenindione sensitivity and acute renal failure. Nicholls MG, et al. New Zeal Med J 71:214-6, Apr 70  
[Occlusive syndromes due to intraparietal hematoma of the small intestine during anticoagulant therapy (3 cases, 2 surgically treated)] Huart F d'.  
Mem Acad Chir (Paris) 95:755-61, 1969 (Fre)  
[Application of the lymphoblastic transformation test (LTT) to the diagnosis of drug-induced hepatitis] Opolon P, et al. Presse Med 77:2041-4, 20 Dec 69 (Fre)  
[Shifting from Trombantin to Marevan. Establishment of a new dose] Naess K.  
T Norsk Laegeforen 90:1294-5, 15 Jun 70 (Nor)

### ANALYSIS

[Anticoagulant therapy and breast-feeding: study of the passage of phenyl-2-dioxo, 1,3 indane in the maternal milk] Goguel M, et al.  
Rev Franc Gynec Obstet 65:409-12, Jul-Aug 70 (Fre)  
[Qualitative and quantitative analysis of pharmaceutical preparations-derivatives of di-(2-chlorethyl)-amine] Kozlov NE, et al.  
Farmatsila 19:34-5, May-Jun 70 (Rus)

### BLOOD

The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70

### PHARMACODYNAMICS

The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69  
Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P.  
Lancet 2:920-2, 1 Nov 69  
[The effect of coumarin, indandione and benzofuran derivatives on renal excretion of uric acid] Zöllner N, et al. Deutsch Med Wschr 94:2652-4, 19 Dec 69 (Ger)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)

### THERAPEUTIC USE

A comparison of the anticoagulant effects of heparin

## SUBJECT SECTION

and phenindione on a standard experimental arterial thrombus. Hunt PS, et al.  
Aust New Zeal J Surg 39:207-8, Nov 69  
The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. Johnson DC, et al.  
Aust New Zeal J Surg 39:209-16, Nov 69  
Immediate and long-term results of aortic valve replacement with University of Cape Town aortic valve prosthesis. Schrire V, et al.  
Brit Heart J 32:255-63, Mar 70  
Late results of autogenous vein by pass grafts in femoropopliteal arterial occlusion. Baddeley RM, et al.  
Brit Med J 1:653-6, 14 Mar 70  
Prophylactic anticoagulant therapy against pulmonary emboli in acute paraplegia. Silver JR, et al.  
Brit Med J 1:338-40, 9 May 70  
Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants. Kincaid-Smith P.  
Lancet 2:920-2, 1 Nov 69  
Anticoagulants and coronary heart disease. Mackinnon J. Practitioner 202:222-9, Feb 69 (29 ref.)  
Cerebral emboli from aneurysm of left atrial appendage. Hall J, et al.  
Proc Roy Soc Med 62:911, Sep 69  
[Medical treatment of acute venous thrombosis] Milleret PG. Phlebologie 23:39-45, Jan-Mar 70 (Fre)  
[Anticoagulant therapy and breast-feeding: study of the passage of phenyl-2-dioxo, 1,3 indane in the maternal milk] Goguel M, et al.  
Rev Franc Gynec Obstet 65:409-12, Jul-Aug 70 (Fre)  
[Surveillance of coagulation in prevention and medical treatment of pulmonary embolism] Cornu P.  
Rev Tuberc (Paris) 33:659-66, Jul-Aug 69 (Fre)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)

### TOXICITY

Protection by catatoxic steroids against phenindione overdosage. Selye H.  
Thromb Diath Haemorrh 23:77-81, 28 Feb 70

## PHYTONADIONE

### ADMINISTRATION & DOSAGE

Reversal by vitamin K of cycloheximide inhibited biosynthesis of prothrombin in the isolated perfused rat liver. Kipfer RK, et al.  
Biochem Biophys Res Commun 38:1041-8, 27 Mar 70  
Multiple combination therapy in cancer chemotherapy in Japan. Ota K. Gann 60:239-46, Jun 69 (46 ref.)  
[Multiple drug therapy of malignant tumor using fibroblast-suppressive agents as the basis] Kimura I, et al. Jap J Clin Med 28:2318-21, Sep 70 (Jap)

### ANALYSIS

[Menaquinones from human liver and sludge] Rietz P, et al. Int Z Vitaminforsch 40:351-62, 1970 (Ger)  
[Separation and quantitative determination of phytomenadione and tocopherol acetate hydrodiffused in a pharmaceutical preparation] Spinelli P, et al.  
Boll Chimicofarm 108:549-53, Sep 69 (Ita)

### ANTAGONISTS & INHIBITORS

Synthesis and destruction of prothrombin in the rat. Bell RG, et al. Arch Biochem 135:152-9, Dec 69

### BIOSYNTHESIS

[Formation of excess plastidquinones in the leaves of Ficus elastica Roxb] Lichtenthaler HK.  
Z Naturforsch [B] 24:1461-6, Nov 69 (Ger)

### CHEMICAL SYNTHESIS

Developments in the field of vitamins. Isler O.  
Experientia 26:225-40, 15 Mar 70

### ISOLATION & PURIFICATION

[Menaquinones from human liver and sludge] Rietz P, et al. Int Z Vitaminforsch 40:351-62, 1970 (Ger)  
[Separation and quantitative determination of phytomenadione and tocopherol acetate



# SUBJECT SECTION

# PLASMINOGEN

hydrodiffused in a pharmaceutical preparation]  
Spinelli P, et al.  
Boll Chimicofarm 108:549-53, Sep 69 (Ita)

## METABOLISM

Vitamin K and warfarin distribution and metabolism in the warfarin-resistant rat. Thierry MJ, et al.  
Amer J Physiol 219:854-9, Oct 70  
Isolation and characterization of a new metabolite of phyloquinone in the rat. Matschiner JT, et al.  
Biochim Biophys Acta 201:309-15, 24 Feb 70

## PHARMACODYNAMICS

Synthesis and destruction of prothrombin in the rat. Bell RG, et al. Arch Biochem 135:152-9, Dec 69  
Reversal by vitamin K of cycloheximide inhibited biosynthesis of prothrombin in the isolated perfused rat liver. Kipfer RK, et al.  
Biochem Biophys Res Commun 38:1041-8, 27 Mar 70  
Don't use the wrong vitamin K. Udall JA.  
Calif Med 112:65-7, Apr 70  
Response of human beings to vitamin K 1.  
Nutr Rev 27:287-9, Oct 69 (10 ref.)  
[Studies on the metabolism of azathioprine] Bach JF, et al. C R Acad Sci [D] (Paris) 271:453-6, 27 Jul 70 (Fre)  
[Electron microscopic study on the effect of vitamins E and K1, anabolic steroids and adrenal cortex hormones on experimental liver diseases of dietary origin] Katsuyama N.  
Acta Paediatr Jap 73:1177-82, 1 Aug 69 (Jap)

## THERAPEUTIC USE

Vitamin K and prothrombin formation. Ranhotra GS, et al. Life Sci 9:79-86, 22 Jan 70  
Anticoagulants and the acute abdomen. Cocks JR.  
Med J Aust 1:1138-41, 6 Jun 70  
[Warfarin poisoning] Sauvageau R.  
Canad Vet J 11:85-8, Mar 70 (Fre)

## PLASMINOGEN

Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC.  
Acta Obstet Gynec Scand 48:392-404, 1969  
Failure of mestranol alone or with norethynodrel to prepare for the generalized Schwartzman reaction in rats. Phillips LL, et al.  
Amer J Obstet Gynec 107:210-6, 15 May 70  
Experimental radiation-induced heart disease. I. Light microscopic studies. Fajardo LF, et al.  
Amer J Path 59:299-316, May 70  
Immunologic aspects of plasminogen. Sachs V, et al.  
Angiology 21:1-4, Jan 70  
The fibrinogen-fibrin system in human intracranial tumor tissues: an immunohistological study.  
Nabeshima S. Arch Jap Chir 38:597-611, 1 Jul 69  
Adrenergic mechanisms in the systemic plasminogen active response to adrenaline in man. Cash JD, et al.  
Brit J Haemat 18:487-94, Apr 70  
Studies on plasminogen. VII. Mechanism of activation of bovine plasminogen. Hoepfinger LM, et al.  
Canad J Biochem 47:909-15, Oct 69  
Studies on plasminogen. 8. Species specificity of streptokinase. Wulf RJ, et al.  
Canad J Biochem 47:927-31, Oct 69  
The brain as contributor of plasminogen activator to the blood. Menon IS, et al. Clin Sci 38:85-91, Jan 70  
Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA.  
Enzymologia 38:57-81, 30 Jan 70  
DNA, a controlling factor in the conversion of plasminogen to plasmin. Hakim AA.  
Experientia 25:995-6, 15 Sep 69  
Fibrinolytic activity of rat uterine fluid. Rasmussen J, et al. Experientia 26:841-2, 15 Aug 70  
Studies on a complex mechanism for the activation of plasminogen by kaolin and by chloroform: the participation of Hageman factor and additional cofactors. Ogston D, et al.  
J Clin Invest 48:1786-801, Oct 69  
Partial purification and properties of a plasminogen activator from human erythrocytes. Semar M, et al.  
J Clin Invest 48:1777-85, Oct 69  
Separation of SK-plasminogen-complex in sera and

euglobulin solution of cat and monkey by gel filtration using sephadex G-200. Nitta H, et al.  
Nagoya Med J 15:93-102, Jul 69  
Blood clotting and fibrinolysis in experimental staphylococcal infection. Lipiński B, et al.  
Path Microbiol (Basel) 34:295-304, 1969  
Measurement during fibrinolytic therapy. McNicol GP.  
Proc Roy Soc Med 62:1131-3, Nov 69  
Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest Suppl 107:37+, 1969  
Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest 24:Suppl 107:37+, 1969  
Inhibition of plasminogen activation and plasmin activity after euglobulin precipitation and acidification of plasma. Lauritsen OS.  
Scand J Clin Lab Invest 23:121-8, Apr 69  
Studies on proactivator activity in human blood. Lauritsen OS.  
Scand J Clin Lab Invest 23:129-36, Apr 69  
Effect of prednisolone on the coagulation and fibrinolytic systems. Isacson S.  
Scand J Haemat 7:212-6, 1970  
Spontaneous activation of placental plasminogen (profibrinolysin). Trieff NM, et al.  
Texas Rep Biol Med 27:505-11, Summer 69  
Inactivation of human serum plasminogen antiactivator by synthetic fibrinolysis inducers. Aoki N, et al.  
Thromb Diath Haemorrh 22:251-62, 15 Nov 69  
On the role of the stable plasminogen activator of the venous wall in occlusion induced fibrinolytic state. Constantini R, et al.  
Thromb Diath Haemorrh 22:544-51, 31 Dec 69  
Isolation and purification of highly enriched tissue plasminogen activator from pig heart. Rickli EE, et al.  
Thromb Diath Haemorrh 23:64-76, 28 Feb 70  
Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al.  
Thromb Diath Haemorrh 22:496-507, 31 Dec 69  
Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al.  
Thromb Diath Haemorrh 23:50-7, 28 Feb 70  
[Natural inhibitors of fibrinolysis and thrombohemorrhagic phenomena] Moriau M.  
Path Europ 4:Suppl 1:9-286, 1969 (Fre)  
[Variation of plasminemia during experimental thrombolysis] Courbier R, et al.  
Presse Med 77:1427-8, 4 Oct 69 (Fre)  
[The fibrinolytic activity of human tissues] Perlewitz J, et al. Folia Haemat (Leipzig) 92:46-50, 1969 (Ger)  
[Pulmonary hyaline membranes and perinatal shock] Bleyl U, et al.  
Virchow Arch [Path Anat] 348:187-204, 1969 (Ger)  
[Studies on the fibrinolytic activity in urine] Nomura J.  
Acta Haemat Jap 31:1040-57, Nov 68 (Jap)  
[Blood coagulation and fibrinolysis following hemorrhage in the dog] Worowski K, et al.  
Acta Physiol Pol 20:655-62, Jul-Aug 69 (Pol)  
[Activation of blood fibrinolysis during pulmonary tissue resection] Adamski S, et al.  
Przegl Lek 25:533-5, 1969 (Pol)  
[Study of the fibrinolytic properties of human serous membranes by the fibrinolysis microautography method] Nikitin IuP, et al.  
Dokl Akad Nauk SSSR 191:1397-9, 21 Apr 70 (Rus)

## ADMINISTRATION & DOSAGE

Thrombolytic agents and lysis of coronary artery thrombosis. Moschos CB, et al.  
Cardiovasc Res 4:228-34, Apr 70  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)

## ANALYSIS

The control of plasminogen and plasmin during thrombolytic therapy. Bilx S.  
Acta Med Scand 186:479-82, Nov 69  
Fibrinolysis in human fetuses. Ekelund H, et al.  
Acta Paediatr Scand 59:369-76, Jul 70  
Fibrinolysis in newborns. Ekelund H, et al.  
Acta Paediatr Scand 59:33-43, Jan 70  
Effects of different systemic contraceptives on blood



- fibrinolysis. Brakman P, et al.  
 Amer J Obstet Gynec 106:187-92, 15 Jan 70  
 Plasminogen activator and urokinase inhibitor in myometrium, placenta, and amniotic fluid. Uszyński M, et al. Amer J Obstet Gynec 105:1041-3, 1 Dec 69  
 Thromboplastin and plasminogen activator in tissues of the rabbit. Glas P, et al.  
 Amer J Physiol 219:1140-6, Oct 70  
 Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J.  
 Amer J Surg 119:225-32, Mar 70  
 The lymphatic system as contributor of plasminogen activator to the blood. Menon IS, et al.  
 Angiologica (Basel) 7:177-81, 1970  
 Studies on fibrinolytic activity in normal persons and patients with atherosclerotic vascular disease after physical activity and injections of nicotinic acid. Laursen B, et al. Angiology 21:486-92, Jul 70  
 Fibrinolytic and fibrin stabilizing activity of synovial membranes. Andersen RB, et al.  
 Ann Rheum Dis 29:287-93, May 70  
 Polymyxin-coagulase-mannitol-agar. I. A selective isolation medium for coagulase-positive Staphylococci. Orth DS, et al.  
 Appl Microbiol 19:73-5, Jan 70  
 The effect of different plasma volume expanders (rheomacrodex and haemaccel) on the fibrinolytic system and some platelet functions. Fischer M. Bibi Haemat 33:457-65, 1969  
 Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. Pfeifer GW, et al. Bibi Haemat 33:481-91, 1969  
 Fibrinolytic activity of human brain and cerebrospinal fluid. Takashima S, et al.  
 Brit J Exp Path 50:533-9, Dec 69  
 Blood coagulation and fibrinolysis in acute leukaemia. Brakman P, et al. Brit J Haemat 18:135-45, Feb 70  
 Fibrinolysis at rest and after exercise in hepatic cirrhosis. Das PC, et al.  
 Brit J Haemat 17:431-43, Nov 69  
 Defibrination in normal and abnormal parturition. Kleiner GJ, et al. Brit J Haemat 19:159-78, Aug 70  
 Studies on protein fractions isolated from human plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. Brit J Haemat 18:29-44, Jan 70  
 The effect of arvin on experimental pulmonary embolism in the rabbit. Olsen EG, et al.  
 Brit J Haemat 17:425-9, Nov 69  
 Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al.  
 Canad J Physiol Pharmacol 47:935-40, Nov 69  
 Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Rosing DR, et al. Circ Res 27:171-84, Aug 70  
 Drug action--study of plasma protein variations in hyperthrombotic diseases using gel filtration chromatography on agarose. Morelli AC, et al.  
 Int Z Klin Pharmacol Ther Toxik 2:259-68, Jul 69  
 Resting levels of fibrinolysis in blood in inactive and exercising men. Moxley TR, et al.  
 J Appl Physiol 28:549-52, May 70  
 Partial purification and properties of urokinase inhibitor from human placenta. Kawano T, et al.  
 J Biochem (Tokyo) 67:333-42, Mar 70  
 A simple method for purification of bovine plasminogen. Nagasawa S, et al.  
 J Biochem (Tokyo) 66:273-5, Aug 69  
 Plasminogen activator activity in cultures from human tissues. An immunological and histochemical study. Bernik MB, et al. J Clin Invest 48:1740-53, Sep 69  
 Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al.  
 J Obstet Gynaec Brit Comm 76:799-805, Sep 69  
 Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al.  
 J Trauma 9:939-65, Nov 69  
 Streptokinase in chronic arterial occlusive disease. Martin M, et al. JAMA 211:1169-73, 16 Feb 70  
 Preparation of plasminogen-free fibrinogen; starting from fibrinogen prepared by improved freezing thawing method. Sato T, et al.  
 Jap J Exp Med 39:135-42, Apr 69  
 Impaired fibrinolytic response to exercise in patients with type-IV hyperlipoproteinaemia. Epstein SE, et al. Lancet 2:631-4, 26 Sep 70  
 Epsilon-aminocaproic acid in preoperative correction of haemostatic defect in cyanotic congenital heart-disease. Gralnack HR. Lancet 1:1204-5, 6 Jun 70  
 A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. Thomas DP, et al.  
 New Eng J Med 283:663-8, 24 Sep 70  
 Tissue activator of the fibrinolytic enzyme in the female reproductive system. Weiss G, et al.  
 Obstet Gynec 34:809-19, Dec 69  
 Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Hedner U, et al. Scand J Clin Lab Invest 25:329-36, Jun 70  
 The fibrinolytic enzyme system of human blood plasma in pregnancy. Lauritsen OS.  
 Scand J Clin Lab Invest 23:191-6, May 69  
 The activator time. A method for control of activator activity during thrombolytic therapy. Blix S.  
 Scand J Haemat 6:221-6, 1969  
 Pharmacological enhancement and short-term stimulation of blood fibrinolytic activity. Laursen B, et al. Scand J Haemat 6:402-8, 1969  
 Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J.  
 Scand J Haemat Suppl 11:1-4, 1970  
 Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J.  
 Scand J Haemat 6:343-7, 1969  
 Intravascular coagulation--reality or myth? Attar S, et al. Surgery 68:27-33, Jul 70  
 Comparison between the changes in the plasma fibrinogen and plasminogen levels induced by a moderate or high initial dose of streptokinase. Amery A, et al. Thromb Diath Haemorrh 23:504-12, 30 Jun 70  
 The preparation and evaluation of a standardized fibrin plate for the assessment of fibrinolytic activity. Bishop R, et al.  
 Thromb Diath Haemorrh 23:202-10, 1970  
 Quantitative determination of plasminogen. A caseinolytic method. Bruhn HD, et al.  
 Thromb Diath Haemorrh 23:191-201, 1970  
 The fibrinolytic system in patients with right ventricular failure treated with Novurit. Worowski K, et al. Thromb Diath Haemorrh 23:500-3, 30 Jun 70  
 Methods for differential diagnosis of consumption coagulopathy. Maki M, et al.  
 Tohoku J Exp Med 99:347-60, Dec 69  
 Fibrinolytic activity in human skin. Turner RH, et al. Trans St John Hosp Derm Soc 55:212-7, 1969  
 [Evaluation of lytic potential in the control of pre- and post-operative coagulation] Courbier R, et al. (Fre)  
 Marseille Med 107:137-9, 1970  
 [Experimental animal studies on percutaneous modification of blood coagulation and fibrinolysis by a heparinoid containing gel] Glarola PA, et al. (Ger)  
 Arzneimittelforschung 20:234-6, Feb 70  
 [Detection of a plasminogen-like substance in healthy human skin] Haustein UF. (Ger)  
 Derm Mschr 155:395-9, 1969  
 [Consumption coagulopathy] Holzknicht F. (Ger)  
 Deutsch Med Wschr 95:1275-7, 5 Jun 70  
 [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. (Ger)  
 Foila Haemat (Leipzig) 92:7-19, 1969  
 [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al. (Ger)  
 Thromb Diath Haemorrh 22:377-90, 15 Nov 69  
 [Fibrinolysis of pleural exudates] Blatný J, et al. (Ger)  
 Z Erkr Atmungsorgane 131:39-42, 1969  
 [Action of an extractive heparinoid on some blood coagulation indices] Guidi G, et al. (Ita)  
 Minerva Med 60:Suppl 99:5034+, 12 Dec 69  
 [Metastasis of cancer and blood coagulation system] Shimada N, et al. (Jap)  
 J Jap Med Ass 62:1097-102, 1 Dec 69  
 [Fibrinolysis, determination and interpretation] Maki M. Jap J Clin Path 18:563-8, Aug 70  
 [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsiuk AI. (Rus)  
 Kardiologiya 9:21-8, Sep 69  
 [Study on the fibrinolysis in renal hypertension] Guseinov ChS, et al. (Rus)  
 Klin Med (Moskva) 47:70-5, Jul 69  
 [Preparation of fibrin monomer from fibrin of unfractionated blood plasma] Radzevich IM, et al. (Ukr)  
 Ukr Biokhim Zh 41:367-70, 1969



# SUBJECT SECTION

# PLASMINOGEN

## ANTAGONISTS & INHIBITORS

- Fibrinolysis in newborns. Ekelund H, et al.  
Acta Paediat Scand 59:33-43, Jan 70
- Hyaline membrane disease and antitrypsin deficiency.  
Lieberman J, et al. Amer Rev Resp Dis 102:126-7, Jul 70
- Immunologic aspects of plasminogen. Sachs V, et al.  
Angiology 21:1-4, Jan 70
- Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA.  
Enzymologia 38:57-81, 30 Jan 70
- Biological activities of leupeptins. Aoyagi T, et al.  
J Antibiot (Tokyo) 22:558-68, Nov 69
- The effect of agents altering haemostasis on the evolution of tumours in mice. Branson ML, et al.  
Rev Europ Etud Clin Biol 15:442-3, Apr 70
- Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Hedner U, et al. Scand J Clin Lab Invest 25:329-36, Jun 70
- Studies on proactivator activity in human blood. Lauritsen OS.  
Scand J Clin Lab Invest 23:129-36, Apr 69
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. Thromb Diath Haemorrh 23:553-61, 30 Jun 70
- Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD.  
Thromb Diath Haemorrh 23:486-99, 30 Jun 70
- The kidneys and the fibrinolytic activity in the blood. Isacson S, et al.  
Thromb Diath Haemorrh 22:211-5, 15 Nov 69
- The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Saldeen T.  
Thromb Diath Haemorrh 22:360-71, 15 Nov 69
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E.  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)
- [Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)
- [Thromboembolic complications, the coagulation and fibrinolytic blood system in heart defects with pronounced circulatory insufficiency] Gritsiuk AI.  
Kardiologia 9:21-8, Sep 69 (Rus)

## BIOSYNTHESIS

- The lymphatic system as contributor of plasminogen activator to the blood. Menon IS, et al.  
Angiologica (Basel) 7:177-81, 1970

## BLOOD

- Experimental thrombolysis by perfusion. II. Comparative study on the effect of streptokinase, urokinase and plasmin. Egeblad K, et al.  
Acta Chir Scand 135:486-90, 1969
- Low plasminogen levels and liver disease. Davis RD, et al.  
Amer J Clin Path 52:661-5, Dec 69
- Changes in antithrombin 3 and plasminogen induced by oral contraceptives. Peterson RA, et al.  
Amer J Clin Path 53:468-73, Apr 70
- Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Kuznik BI, et al.  
Cor Vasa 11:146-53, 1969
- The uterus as contributor of plasminogen activator to the blood. Menon IS, et al.  
J Obstet Gynaec Brit Comm 77:591-3, Jul 70

## CEREBROSPINAL FLUID

- Fibrinolytic activity of human brain and cerebrospinal fluid. Takashima S, et al.  
Brit J Exp Path 50:533-9, Dec 69

## ISOLATION & PURIFICATION

- Studies on plasminogen. 8. Species specificity of streptokinase. Wulff RJ, et al.  
Canad J Biochem 47:927-31, Oct 69
- A simple method for purification of bovine plasminogen. Nagasawa S, et al.  
J Biochem (Tokyo) 66:273-5, Aug 69
- Extraction of plasminogen activator from canine vascular segments in situ. Kaulla KN von, et al.  
Proc Soc Exp Biol Med 132:830-4, Dec 69

- Isolation and purification of highly enriched tissue plasminogen activator from pig heart. Rickli EE, et al.  
Thromb Diath Haemorrh 23:64-76, 28 Feb 70
- Diffusion characteristics of human plasminogen (as shown by two agar diffusion techniques). Stuckey RJ, et al. Thromb Diath Haemorrh 22:240-50, 15 Nov 69
- [Separation of plasminogen and plasmin by DEAE Sephadex A-50 column chromatography] Tozawa Y, et al. Jap J Clin Path 18:571-4, Aug 70 (Jap)

## METABOLISM

- Influence of an enzyme from aspergillus oryzae, protease I, on some components of the fibrinolytic system. Kiessling H, et al.  
Acta Chem Scand 24:569-79, 1970
- Fibrinolytic activity in cervical and endometrial neoplasia. Zeller J, et al.  
Amer J Obstet Gynec 107:1071-8, 1 Aug 70
- Activation of coagulase clotting by trypsin inhibitor. Orth DS, et al. Appl Microbiol 18:906-10, Nov 69
- Fibrinolytic activity in serosal and synovial membranes. Rats, guinea pigs, and rabbits. Myrhe-Jensen O, et al.  
Arch Path (Chicago) 88:623-30, Dec 69
- The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al.  
Brit J Haemat 18:575-84, May 70
- Incidence of cardiovascular disease and death in patients receiving diethylstilbestrol for carcinoma of the prostate. Blackard CE, et al.  
Cancer 26:249-56, Aug 70
- Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)
- Studies on the fibrinolytic activity in human semen studied by gel filtration. Hisazumi H.  
Invest Urol 7:410-21, Mar 70
- Plasminogen activator in bile stimulated by sodium taurocholate in isolated hamster livers. Oshiba S, et al.  
Proc Soc Exp Biol Med 133:89-92, Jan 70
- Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Ygge J.  
Scand J Haemat Suppl 11:1-4, 1970
- Coagulation and fibrinolysis after renal transplantation. Ljungqvist U, et al.  
Scand J Urol Nephrol 3:23-9, 1969
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
Thromb Diath Haemorrh 23:58-63, 28 Feb 70
- The kidneys and the fibrinolytic activity in the blood. Isacson S, et al.  
Thromb Diath Haemorrh 22:211-5, 15 Nov 69
- The purification of fibrinogen degradation products by pevikon block electrophoresis. Marder VJ, et al.  
Thromb Diath Haemorrh 22:234-9, 15 Nov 69
- [Fibrinolysis: kinetics of the lysis of a fibrin clot] Daver J, et al.  
Rev Europ Etud Clin Biol 15:333-42, Mar 70 (Fre)
- [Endogenous and exogenous fibrinolysis] Perlick E, et al. Folia Haemat (Leipzig) 92:28-32, 1969 (Ger)
- [Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)
- [Study of plasminogen activator and trypsin inhibitor in gastric cancer, ulcer and experimental tumor.] Tsuchiya T. Arch Jap Chir 38:760-76, 1 Sep 69 (Jap)
- [Activation of plasmin in human blood] Kotschy M.  
Postepy Hig Med Dosw 24:231-89, Mar-Apr 70 (Pol)

## PHARMACODYNAMICS

- Fibrinolytic activity in healing wound. Peterson HI, et al. Acta Chir Scand 135:649-52, 1969
- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al.  
Thromb Diath Haemorrh 22:263-72, 15 Nov 69
- [Variation of plasminemia during experimental thrombolysis] Courbier R, et al.  
Presse Med 77:1427-8, 4 Oct 69 (Fre)

## PHYSIOLOGY

- The lymphatic system as contributor of plasminogen activator to the blood. Menon IS, et al.  
Angiologica (Basel) 7:177-81, 1970
- Complications of transurethral prostatic surgery. Desmond J. Canad Anaesth Soc J 17:25-36, Jan 70
- Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)



- The role of the arterial wall in the mechanism of thrombosis and lysis. Experimental study. Courbier R, et al. *J Cardiovasc Surg (Torino)* 10:355-61, Sep-Oct 69
- Fibrinolytic activity in human skin following epidermal injury. Turner RH, et al. *J Invest Derm* 53:458-62, Dec 69
- The uterus as contributor of plasminogen activator to the blood. Menon IS, et al. *J Obstet Gynaec Brit Comm* 77:591-3, Jul 70
- The mechanism of spontaneous resolution of thromboemboli. Gans H, et al. *Surg Gynec Obstet* 130:326-32, Feb 70
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al. *Thromb Diath Haemorrh* 22:223-33, 15 Nov 69
- [The fibrinolytic activity of blood] Januszko T. *Roczn Akad Med Marchlewski Suppl* 22:1-74, 1969 (Pol)

## SECRETION

- Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Kuznik BI, et al. *Cor Vasa* 11:146-53, 1969
- [The fibrinolytic activity of blood] Januszko T. *Roczn Akad Med Marchlewski Suppl* 22:1-74, 1969 (Pol)

## THERAPEUTIC USE

- [Therapeutic approach in the acute defibrination syndrome] Sánchez-Fayos J. *Rev Clin Esp* 111:323-8, 15 Nov 68 (Spa)

## PROTAMINES

- Coagulation studies of the vascular intima. II. Antithrombin activity. Oe K. *Acta Haemat Jap* 32:297-310, Apr 69
- Activation and isolation of mitochondrial adenosine triphosphatase by ultrasonic irradiation. Yamamoto G, et al. *Acta Med Okayama* 24:49-64, Feb 70
- Complex formation between macromolecules and drugs. 3. A study of the influence of ionic strength and pH. Binding between Aptin, nortriptyline, sulfamethizole or tripelenamine and serum albumin, poly-arginine, poly-lysine, poly-ornithine, protamine or dextran sulfate. Agren A, et al. *Acta Pharm Suec* 7:105-12, Apr 70
- Mode of binding of histamine and some other biogenic amines to a protamine-heparin complex in vitro. Aborg CH, et al. *Acta Physiol Scand* 74:552-67, Dec 68
- The interaction of *Escherichia coli* endotoxin with leukocytes. Gimber PE, et al. *Arch Biochem* 135:14-20, Dec 69
- Purification and properties of ox brain acetylcholinesterase. Kaplay SS, et al. *Arch Biochem* 138:48-57, May 70
- A complex of mitochondrial factor A and a new factor involved in oxidative phosphorylation. Sani BP, et al. *Biochem Biophys Res Commun* 39:444-9, 11 May 70
- The use of protamine for a simple test of oestradiol-17 $\beta$  binding. Steggle AW, et al. *Biochem J* 115:48P-49P, Dec 69
- Interaction of clupeine with deoxyribonucleic acid. I. Thermal melting and sedimentation studies. Inoue S, et al. *Biochemistry (Wash)* 9:388-94, 20 Jan 70
- Interaction of clupeine with deoxyribonucleic acid. II. Optical rotatory dispersion studies. Inoue S, et al. *Biochemistry (Wash)* 9:395-8, 20 Jan 70
- Purification and substrate specificities of bacterial hydroxysteroid dehydrogenases. Roe CR, et al. *Biochemistry (Wash)* 8:5093-103, Dec 69
- A simple procedure for the purification of rat liver phosphatidyl kinase. Baggio B, et al. *Biochim Biophys Acta* 212:515-7, 18 Sep 70
- The effect of pH, sodium chloride and protamine sulphate on the formation of a complex between rat adipose-tissue lipoprotein lipase and chylomicrons. Bimpson T, et al. *Biochim Biophys Acta* 187:447-9, 28 Oct 69
- Studies on the allosteric activation of glycogen phosphorylase b by nucleotides. II. Nucleotide structure in relation to mechanism of activation. Black WJ, et al. *Biochim Biophys Acta* 212:257-68, 15 Aug 70
- Characterization and partial purification of a lipase from *Pseudomonas aeruginosa*. Finkelstein AE, et al. *Biochim Biophys Acta* 206:380-91, 10 Jun 70

- Hydrolysis of diglyceride and glyceryl monoester diethers with "lipoprotein lipase". Greten H, et al. *Biochim Biophys Acta* 210:39-45, 9 Jun 70
- An electron microscope study of deoxyribonucleoproteins. Inoue S, et al. *Biochim Biophys Acta* 204:296-303, 15 Apr 70
- Purification of a phospholipase C from *Bacillus cereus*. Kleiman JH, et al. *Biochim Biophys Acta* 187:477-85, 17 Dec 69
- Purification of the cold-labile component of the *Azotobacter nitrogenase*. Moustafa E. *Biochim Biophys Acta* 206:178-80, 22 Apr 70
- Precipitation and crystallization of insulin in the presence of lysozyme and salmine. Simkin RD, et al. *Biochim Biophys Acta* 200:385-94, 17 Feb 70
- Nonenzymatic polymerization of fibrinogen by protamine sulfate. An electron microscope study. Stewart GJ, et al. *Biochim Biophys Acta* 194:462-9, 23 Dec 69
- Purification and regulatory properties of ATP-sensitive phosphofructokinase from yeast. Atzpodien W, et al. *Europ J Biochem* 12:126-32, Jan 70
- Desensitization of yeast phosphofructokinase to ATP-inhibition by a protein fraction from yeast. Atzpodien W, et al. *Europ J Biochem* 12:6-10, Jan 70
- Pyruvate dehydrogenase of *Escherichia coli* K 12. Dennert G, et al. *Europ J Biochem* 12:502-7, Feb 70
- Purification and properties of catechol 1,2-oxygenase from *Trichosporon cutaneum*. Varga JM, et al. *Europ J Biochem* 12:427-34, Feb 70
- Effect of proteins on the reversibility of the thermal inactivation of *Bacillus subtilis* alpha-amylase. Bertagnollo G, et al. *Experientia* 26:140-1, 1970
- The interaction of protamine with human blood plasma proteins. Loštický C. *Experientia* 25:1034, 15 Oct 69
- A catalog of sperm histones. Bloch DP. *Genetics* 61:Suppl:93-111, 1969
- Purification of phosphomannanase and its action on the yeast cell wall. McLellan WL Jr, et al. *J Bact* 102:261-70, Apr 70
- Partial resolution of the enzymes catalyzing oxidative phosphorylation. XIX. Purification and characterization of a new coupling factor (F5). Fessenden-Raden JM, et al. *J Biol Chem* 244:6656-61, 25 Dec 69
- Identification of alpha-ketobutyrate as the prosthetic group of urocanase from *Pseudomonas putida*. George DJ, et al. *J Biol Chem* 245:528-37, 10 Feb 70
- Partial resolution of the enzyme catalyzing oxidative phosphorylation. XXII. Interaction between mitochondrial adenosine triphosphatase inhibitor and mitochondrial adenosine triphosphatase. Horstman LL, et al. *J Biol Chem* 245:1336-44, 25 Mar 70
- Protamine kinase from rainbow trout testis. Partial purification and characterization. Jergli B, et al. *J Biol Chem* 245:425-34, 25 Jan 70
- Tyrosine phenol lyase. I. Purification, crystallization, and properties. Kumagai H, et al. *J Biol Chem* 245:1767-72, 10 Apr 70
- Enzymatic modification of proteins. 3. Purification and properties of a leucyl, phenylalanyl transfer ribonucleic acid protein transferase from *Escherichia coli*. Leibowitz MJ, et al. *J Biol Chem* 245:2066-73, 25 Apr 70
- Characterization of a phosphatase specific for phosphorylated histones and protamine. Meisler MH, et al. *J Biol Chem* 244:4961-8, 25 Sep 69
- Regulatory mechanisms involving nicotinamide adenine nucleotides as allosteric effectors. 3. Control of glucose 6-phosphate dehydrogenase. Sanwal BD. *J Biol Chem* 245:1626-31, 10 Apr 70
- Purification and properties of 5-methyltetrahydropteroyltryglutamate-homocysteine transmethylase. Whitfield CD, et al. *J Biol Chem* 245:390-401, 25 Jan 70
- A modified test for *Brucella agglutinins*. Singh JN. *J Clin Path* 22:527-9, Sep 69
- Concentration and purification of haemagglutinin of three types of Myxovirus parainfluenzae by means of chemical methods. Sodja I, et al. *J Hyg Epidem (Praha)* 13:300-6, 1969
- In vitro and in vivo chlorpromazine availability from flocculated polysalt complex systems. Jablon PA, et al. *J Pharm Sci* 59:1143-9, Aug 70
- Light-scattering investigation of protamine sulfate. Yeh KC, et al. *J Pharm Sci* 58:1163-4, Sep 69
- Mechanism of activation by adenosine 3':5'-cyclic monophosphate of a protein phosphokinase from rabbit reticulocytes. Tao M, et al. *Proc Nat Acad Sci USA* 67:408-14, Sep 70



# SUBJECT SECTION

## PROTAMINES

The binding of calcium to phospholipid-protein complexes. Joos RW, et al.

Proc Soc Exp Biol Med 132:865-70, Dec 69

Use of heparinized priming blood after whole-body perfusion. Tarhan S, et al. Surgery 67:584-9, Apr 70

Purification and properties of factor G. Kaziro Y, et al. Sympos Quant Biol 34:385-93, 1969

[Precipitation of serum lipoproteins by anionic detergents in the presence of bivalent cations] Burstein M, et al.

Rev Europ Etud Clin Biol 15:109-13, Jan 70 (Fre)

[Purification and properties of phosphoenolpyruvate-carboxylase of *Euglena gracilis*] Ohmann E, et al.

Europ J Biochem 10:43-55, Aug 69 (Ger)

[Glucose-6-phosphate dehydrogenase in autotrophic microorganisms. II. Regulation of activity of glucose-6-phosphate dehydrogenase in *Euglena gracilis* and *Rhodospseudomonas spheroides*] Ohmann E, et al. Z Allg Mikrobiol 10:37-53, 1970 (Ger)

[Enzymatic determination of mono-, di- and triglycerides in serum following thin layer chromatography separation] Zöllner N, et al.

Z Klin Chem 7:339-45, Jul 69 (Ger)

### ADMINISTRATION & DOSAGE

A unified method for regional anticoagulation of blood.

Durie MD, et al. Amer J Surg 120:341-5, Sep 70

[Surgery under heparin. 3. Incomplete progressive neutralization of heparin at the end of extracorporeal circulation] Balle Y, et al.

Agressologie 11:87-93, 1970 (Fre)

### ADVERSE EFFECTS

Sustained hypotension secondary to protamine sulfate. Jackson DR. Angiology 21:295-8, May 70

Consumptive coagulopathy, shock, and the artificial heart. DeVries WC, et al.

Trans Amer Soc Artif Intern Organs 16:29-36, 1970

### ANALYSIS

Interaction of clupeine with deoxyribonucleic acid. I. Thermal melting and sedimentation studies. Inoue S, et al. Biochemistry (Wash) 9:388-94, 20 Jan 70

Isolation and partial characterization of a basic protein from bovine sperm heads. Coelingh JP, et al.

Biochim Biophys Acta 188:353-6, 1969

Precipitation and crystallization of insulin in the presence of lysozyme and salmine. Simkin RD, et al. Biochim Biophys Acta 200:385-94, 17 Feb 70

Studies on protamines. XIV. Partial chemical structure of one component of clupeine, clupeine Z. Azegami M, et al. J Biochem (Tokyo) 67:523-32, Apr 70

[Study of chemical composition and antineoplastic effect of protamines isolated from the milt of sturgeon fishes] Ermol'eva ZV, et al.

Antibiotiki 15:25-8, Jan 70 (Rus)

### BIOSYNTHESIS

The biosynthesis of protamine in trout testis. II. Polysome patterns and protein synthetic activities during testis maturation. Ling V, et al.

J Biol Chem 245:3035-42, Jun 70

Transient incorporation of methionine at the N-terminus of protamine newly synthesized in trout testis cells. Wigle DT, et al.

Nature (London) 227:676-80, 15 Aug 70

The universal initiator.

Nature (London) 227:659-60, 15 Aug 70

### DIAGNOSTIC USE

[Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pgnancy toxemias] Sieg U, et al.

Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)

### ISOLATION & PURIFICATION

Fraction of galline, a protamine from fowl sperm, and some characterization of the components. Nakano M, et al. Biochim Biophys Acta 207:553-5, 23 Jun 70

Phosphorylation of chromosomal basic proteins in maturing trout testis. Marushige K, et al.

J Biol Chem 244:5953-8, 10 Nov 69

[Study of chemical composition and antineoplastic

effect of protamines isolated from the milt of sturgeon fishes] Ermol'eva ZV, et al.

Antibiotiki 15:25-8, Jan 70 (Rus)

### METABOLISM

Enzymatic hydrolysis of histones in rat kidney microsomes. Palk WK, et al.

Biochem Biophys Res Commun 38:333-40, 23 Jan 70

Phosphorylation of chromosomal basic proteins in maturing trout testis. Marushige K, et al.

J Biol Chem 244:5953-8, 10 Nov 69

Activation and release of lysosomal enzymes from isolated leukocytic granules by liposomes. A proposed model for degranulation in polymorphonuclear leukocytes. Hawiger J, et al.

Yale J Biol Med 42:57-70, Oct 69

[Characterization of the protamine-hydrolyzing enzyme activity of the rat serum] Kleine R, et al.

Acta Biol Med German 22:525-35, 1969 (Ger)

### PHARMACODYNAMICS

Experimental tumour metastases and blood coagulability. Hagmar B.

Acta Path Microbiol Scand [Suppl] 211:Suppl 211:5+, 1970

The effect of heparin and some related agents on diamine oxidase in rabbit blood plasma. Hansson R, et al. Acta Physiol Scand 78:539-46, Apr 70

Some physical and chemical properties of Kemerovo virus; a comparison with group A and B arboviruses. Slávik I, et al. Acta Virol (Praha) 14:171-4, Mar 70

Lysozyme in epiphyseal cartilage. 3. Effects of protamine, toluidine blue and histamine on mouse embryonic cartilage in organ culture. Eisenstein R, et al. Amer J Path 60:43-56, Jul 70

Effect of ethyl p-chlorophenoxyisobutyrate on rat adipose lipoprotein lipase activity. Tolman EL, et al. Amer J Physiol 218:1313-8, May 70

Coagulation and metabolic changes during hemorrhagic shock. Bit-Alkhas Irani B, et al.

Angiology 21:161-71, Mar 70

Dengue virus plaque development in simian cell systems. II. Agar variables and effect of chemical additives. Stim TB. Appl Microbiol 19:757, May 70

Enzymatic activity of yeast cell ghosts produced by protein action on the membranes. Schlenk F, et al. Arch Biochem 138:220-5, May 70

Effect of heparin, protamine sulfate and antigen on histaminase (diamine oxydase) activity of the guinea pig liver. Hahn F, et al.

Arch Int Pharmacodyn 180:195-205, Jul 69

Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemaccel and Rheomacrodex. Trede M. Bibl Haemat 33:553-68, 1969

Lipolytic activity in the pancreas. Miller WR. Biochem J 115:49P-50P, Dec 69

Electron microscopy of fibrin-like precipitate formed during the paracoagulation reaction between soluble fibrin monomer complexes and protamine sulphate. Horn RG, et al. Brit J Haemat 17:463-6, Nov 69

Uptake of foreign proteins by mammalian cells and the functions of pinocytosis. Ryser HJ.

Bull Schweiz Akad Med Wiss 24:363-84, Jul 69

Induction of phagocytosis of iron colloid by Ehrlich ascites tumor cells with polycationic substances. Yokomura E. Gann 60:439-47, Aug 69

Enhancement of anti-tumour effect by cooling. Austin JP, et al. Int J Biometeor 13:183-7, Oct 69

Evidence for effects of heparin on cell surfaces influencing experimental metastases. Hagmar B, et al. Int J Cancer 5:72-84, 15 Jan 70

Anti-inflammatory effect of lysozyme paste on experimental gingivitis induced by various chemical mediators in guinea pig. Morioka T, et al.

J Periodont 41:341-8, Jun 70

Inhibition of deoxyribonuclease activity in synchronized *Tetrahymena*. Holm BJ.

J Protozool 16:655-9, Nov 69

Inhibition of herpes virus adsorption on cells by protamine. Yamamoto S, et al.

Kurume Med J 16:83-9, 1969

Consumption of coagulation material by heparin. Godal HC. Lancet 2:50, 4 Jul 70

Induction of the interferon mechanism by natural RNA. Billiau A, et al. Life Sci 9:69-78, 22 Jan 70

Endotoxin-induced kinin (bradykinin) formation: activation of Hageman factor and plasma kallikrein in



- human plasma. Pettinger WA, et al.  
Life Sci 9:313-22, 15 Mar 70
- Genetic control of immunological responsiveness in guinea pigs to 2,4-dinitrophenyl conjugates of poly-L-arginine, protamine, and poly-L-ornithine. Green I, et al.  
Proc Nat Acad Sci USA 64:1095-102, Nov 69
- Induction of the interferon mechanism by single-stranded RNA: potentiation by polybasic substances. Billiau A, et al.  
Proc Soc Exp Biol Med 132:790-6, Nov 69
- Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Felten A von, et al.  
Thromb Diath Haemorrh 22:273-80, 15 Nov 69
- Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Lipiński B.  
Thromb Diath Haemorrh 22:401-2, 15 Nov 69
- New tests for the diagnosis of consumption coagulopathy. Niewiarowski S.  
Thromb Diath Haemorrh 36:Suppl 36:277-9, 1969
- Assessment of damage to human platelets after aggregation and other injuries by microscopic observation and estimation of serotonin uptake. Zbinden G, et al.  
Thromb Diath Haemorrh 23:261-75, 1970
- Plasma exchange transfusion for hepatic coma. New technic. Graw RG Jr, et al.  
Transfusion 10:26-32, Jan-Feb 70
- [Histological changes in the rabbit cornea following intracorneal injection of protamine sulfate] Vrabec F. Czech Otol 26:1-4, Jan 70 (Cze)
- [Antagonistic effects of heparin and protamine sulfate on the electrophoretic mobility of blood platelets] Larcen A, et al.  
Path Biol (Paris) 17:729-32, Aug-Sep 69 (Fre)
- [Clinical use of heparin-heparinoid-mixtures] Hörder MH, et al.  
Arzneimittelforschung 19:1873-6, Nov 69 (Ger)
- [Fibrinogen fractions and their complexes with fibrin monomers] Kowalski E.  
Folia Haemat (Leipzig) 92:20-7, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al.  
Folia Haemat (Leipzig) 92:529-32, 1969 (Ger)
- [Blood coagulation and fibrinolysis in umbilical cord blood. Findings in the blood collected from the umbilical cord of 140 newborn infants] Gmür JP, et al.  
Thromb Diath Haemorrh 23:347-59, 1970 (Ger)
- [Action of heparin and protamine sulfate on immunohemolysis in vitro] Di Perri T, et al.  
Boll Soc Ital Biol Sper 45:488-9, 30 Apr 69 (Ita)
- [Action of protamine sulfate on immunohemolysis in vitro] Di Perri T, et al.  
Boll Soc Ital Biol Sper 45:486-7, 30 Apr 69 (Ita)
- [Action of heparin and protamine sulfate on serum complement activity and on rejection phenomenon in experimental skin heterotransplants] Di Perri T, et al.  
Boll Soc Ital Biol Sper 45:1083-5, 31 Aug 69 (Ita)
- [Action of the heparin-protamine complex on serum complement. Research in vitro and in vivo] Di Perri T, et al.  
Boll Soc Ital Biol Sper 45:1085-7, 31 Aug 69 (Ita)
- [Effect of heparin antagonists on its ability to form gels in tissue homogenates] Sergeev PV, et al.  
Farmakol Toksik 32:718-9, Nov-Dec 69 (Rus)
- [Effect of antibiotics on the adhesive properties of thrombocytes] Zolotukhin SI, et al.  
Farmakol Toksik 32:460-3, Jul-Aug 69 (Rus)
- [Effects of chlorpropamide on the sensitivity of rats to the diabetogenic action of alloxan] Tikhonova NE.  
Probl Endokr (Moskva) 16:95-9, Mar-Apr 70 (Rus)
- [Effect of histones, protamine and actinomycin D and synthesis of brain RNA] Ashmarin IP, et al.  
Vop Med Khim 15:532-5, Sep-Oct 69 (Rus)

#### THERAPEUTIC USE

- Heparin rebound. A clinical study in cases of open heart surgery under cardiopulmonary bypass. Pardani DS, et al. J Postgrad Med 16:26-32, Jan 70
- Circulating heparin-like anticoagulant following portacaval anastomosis. Chesterman CN, et al. Lancet 2:665, 26 Sep 70
- Haemostatic studies during clinical pig liver perfusion. Possible complication of intravascular coagulation. Flatmark A, et al. Scand J Gastroent 5:315-9, 1970
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Study of chemical composition and antineoplastic

- effect of protamines isolated from the milt of sturgeon fishes] Ermol'eva ZV, et al.  
Antibiotiki 15:25-8, Jan 70 (Rus)

#### PROTHROMBIN

- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. Acta Obstet Gynec Scand 48:392-404, 1969
- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. Acta Obstet Gynec Scand 48:371-91, 1969
- Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al.  
Amer J Path 60:19-42, Jul 70
- Selected procoagulants in the guinea pig. Hurt JP, et al.  
Amer J Physiol 218:832-7, Mar 70
- Cause of abnormal bleeding after transplantation of pig liver stored by a perfusion technique. Perkins HA, et al. Arch Surg (Chicago) 101:62-8, Jul 70
- Prophylaxis and complications in hemophilia. Introductory remarks. Harris CE.  
Bibl Haemat 34:97-103, 1970
- The P.P.S.B. fraction. Jossé F, et al.  
Bibl Haemat 34:18-22, 1970
- Some lipid-protein interactions involved in prothrombin activation. Barton PG, et al.  
Biochim Biophys Acta 187:319-27, 28 Oct 69
- The effects of Na<sup>+</sup> and K<sup>+</sup> on the citrate activation of prothrombin and on the esterase activities of thrombokinase. Roberts PS.  
Biochim Biophys Acta 201:340-9, 24 Feb 70
- Increased prothrombin conversion: a new activity of lysed fibrinogen. Triantaphyllopoulos DC, et al.  
Brit J Haemat 18:127-34, Feb 70
- Factor V anticoagulants: clinical, biochemical, and immunological observations. Feinstein DI, et al.  
J Clin Invest 49:1578-88, Aug 70
- Prothrombin in factor X deficiency. Malhotra OP, et al.  
J Lab Clin Med 75:120-7, Jan 70
- Isolation, biochemical and pharmacologic characterization of a prothrombin-activating principle from Echi carinatus venom. Kornalik F, et al. Naunyn-Schmiedeberg Arch Pharm 264:259-60, 1969
- The preparation of an artificial reagent for the one-stage factor VIII assay. Nyman D.  
Thromb Diath Haemorrh 23:206-12, 1970
- [Blood coagulation factors in preserved blood and plasma. 2] Vlčková M.  
Vnitřní Lek 16:73-81, Jan 70 (Cze)
- [Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al. Acta Chir Acad Sci Hung 10:359-66, 1969 (Ger)
- [The complex nature of prothrombin] Schröder H, et al. Pflüger Arch 312:R1, 1969 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al.  
Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)
- [The effect on blood coagulation of the trypsin-like protease from Astacus leptodactylus (Crustacea)] Zwilling R, et al.  
Thromb Diath Haemorrh 23:360-8, 1970 (Ger)
- [Blood coagulation and fibrinolysis following hemorrhage in the dog] Worowski K, et al.  
Acta Physiol Pol 20:655-62, Jul-Aug 69 (Pol)
- [Coagulating function of the desialic prothrombin] Jacob H. Postepy Hig Med Dosw 24:565-608, 1970 (Pol)
- [The structure of dog prothrombin and the mechanism of its autoactivation] Timerbaev VN, et al.  
Biokhimiia 34:1100-6, Nov-Dec 69 (Rus)
- [Is hemorrhagic complication possible in administration of anticoagulants in the presence of high prothrombin level?] Kushelevskii BP.  
Ter Arkh 41:111-2, Apr 69 (Rus)

#### ADMINISTRATION & DOSAGE

- The preparation and properties of a prothrombin complex (PPSB). Schiff P.  
Med J Aust 2:1001-5, 15 Nov 69
- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
Nouv Rev Franc Hemat 10:41-54, Jan-Feb 70 (Fre)

#### ADVERSE EFFECTS

- [Unusual complication of anticoagulant therapy]



# SUBJECT SECTION

## PROTHROMBIN

Paolaggi JA.

Cah Coll Med Hop Paris 8:917-8, Sep 67 (Fre)

### ANALYSIS

- Liver function studies and biliary tract investigations in mucoviscidosis. r58 C/\*539-44\* A/Feigelson J, Pecau Y, Sauvegrain J: Liver function studies and biliary tract investigations in mucoviscidosis. Feigelson J, et al. *Acta Paediat Scand* 59:539-44, Sep 70
- The bleeding disorder in hepatomegalic forms of glycogen storage disease. Nilsson IM, et al. *Acta Paediat Scand* 59:127-33, Mar 70
- Effect of salicylate treatment on fetal and maternal prothrombin time in the mouse. Eriksson M. *Acta Physiol Scand* 78:39-42, Jan 70
- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al. *Amer J Clin Path* 54:239-48, Aug 70
- Gastroscopic findings and fecal blood loss following aspirin administration. Kuiper DH, et al. *Amer J Dig Dis* 14:761-9, Nov 69
- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. *Amer J Dis Child* 119:365-9, Apr 70
- Changes in blood coagulation and fibrinolysis during the postoperative period. Ygge J. *Amer J Surg* 119:225-32, Mar 70
- Rupture of liver caused by explosive charge. Salonen IS. *Ann Chir Gynaec Fenn* 58:249-51, 1969
- Interaction of commonly prescribed drugs and warfarin. Robinson DS, et al. *Ann Intern Med* 72:853-6, Jun 70
- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. *Arch Biochem* 134:1-7, Oct 69
- The chemistry of the activation of prothrombin. Magnusson S. *Biochem J* 115:2P-3P, Nov 69
- The NH<sub>2</sub>-terminal amino acid of bovine prothrombin. Platzer KE, et al. *Biochim Biophys Acta* 207:262-4, 28 Apr 70
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al. *Canad J Physiol Pharmacol* 47:935-40, Nov 69
- Liver function and blood flow at high altitude. Ramsøe K, et al. *J Appl Physiol* 28:725-7, Jun 70
- Estimation of prothrombin in liver disease. Mannucci PM. *J Clin Path* 23:291-5, May 70
- Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y. *J Lab Clin Med* 75:355-81, Mar 70
- Douglas AS: The behaviour of the coagulation and fibrinolytic mechanisms in abruptio placentae. Bonnar J, et al. *J Obstet Gynaec Brit Comm* 76:799-805, Sep 69
- Measurement of prothrombin. A neglected liver function test in infancy and childhood. Glueck HI, et al. *J Pediat* 76:914-22, Jun 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al. *Lab Invest* 23:179-83, Aug 70
- Control of anticoagulant treatment. Quick AJ. *Lancet* 2:1255, 6 Dec 69
- Vitamin K and prothrombin formation. Ranhotra GS, et al. *Life Sci* 9:79-86, 22 Jan 70
- The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al. *Life Sci* 8:925-32, 15 Sep 69
- Hereditary prothrombin deficiency. Kattlove HE, et al. *New Eng J Med* 282:57-61, 8 Jan 70
- Potentiation of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. *New Eng J Med* 283:827-31, 15 Oct 70
- Anticoagulant therapy during pregnancy. A new approach. Olwin JH, et al. *Obstet Gynec* 34:847-52, Dec 69
- Diagnostic value of liver excretory enzymes. Drożdż H, et al. *Pol Arch Med Wewnet* 4:529-34, Apr-May 70
- Prothrombin fragmentation during coagulation of whole blood and plasma. Ganrot PO, et al. *Scand J Clin Lab Invest* 24:15-21, Aug 69
- Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Norén I. *Scand J Clin Lab Invest* 25:47-58, Jan 70
- Coagulation inhibitor elicited by thrombin. Marciniak E. *Science* 170:452-3, 23 Oct 70
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al.
- Thromb Diath Haemorrh 36:Suppl 36:171-6, 1969
- Two types of prothrombin in vitamin K deficiency. Hemker HC, et al.
- Thromb Diath Haemorrh 23:633-7, 30 Jun 70
- Production of the Sanarelli-Shwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F.
- Thromb Diath Haemorrh 36:Suppl 36:63-5, 1969
- Structural changes in prothrombin during activation: a theory. Seegers WH, et al.
- Thromb Diath Haemorrh 23:26-36, 28 Feb 70
- Influence of spirinolactone and other steroids on the enzymatic decay and anticoagulant activity of bishydroxycoumarin. Solymoss B, et al.
- Thromb Diath Haemorrh 23:562-8, 30 Jun 70
- [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. *Vnitřní Lek* 16:61-8, Jan 70 (79 ref.) (Cze)
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.
- Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)
- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.
- Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)
- [Dextran and dynamic coagulation] Raby C, et al. *Presse Med* 77:1819-20, 22 Nov 69 (Fre)
- [Pharyngeal hematomas complicating an anticoagulant treatment] Ray J, et al. *Presse Med* 77:2054, 20 Dec 69 (Fre)
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)
- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)
- [Experience with prophylactic postoperative anticoagulant treatment in 6551 patients] Alánt O, et al. *Acta Chir Acad Sci Hung* 10:139-50, 1969 (Ger)
- [Effect within the first minutes and hours of a standardized burn in the rat on blood proteins and blood coagulation factors] Marggraf W, et al. *Langenbecks Arch Chir* 326:106-36, 1970 (Ger)
- [Drug modification of certain laboratory values in infectious hepatitis of children] Ströder J, et al. *Mscr Kinderheilk* 117:453-8, Jun 69 (Ger)
- [Functional diagnosis of liver diseases] Neumayr A. *Wien Med Wschr* 119:800-5, 22 Nov 69 (Ger)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M. *Jap J Clin Path* 16:Suppl 16:85-92, 1969 (Jap)
- [Blood enzyme studies in the evaluation of liver function in juvenile diabetes mellitus] Nowakowski TK, et al. *Pediat Pol* 45:407-12, Apr 70 (Pol)
- [A case of hemophilia A with transient disorders of the prothrombin complex] Czesłowska E, et al. *Pol Arch Med Wewnet* 44:261-4, Mar 70 (Pol)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al. *Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)
- [Enzyme tests and other functional indices in liver cirrhosis] Drożdż H, et al. *Przegl Lek* 25:739-42, 1969 (Pol)
- [The structure of dog prothrombin and the mechanism of its autoactivation] Timerbaev VN, et al. *Biokhimiia* 34:1100-6, Nov-Dec 69 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al. *Kardiologiya* 9:106-10, Aug 69 (Rus)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al. *Probl Endokr (Moskva)* 13:50-3, Mar-Apr 67 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov IuI, et al. *Probl Endokr (Moskva)* 15:15-8, Jul-Aug 69 (Rus)
- [The state of the blood coagulant and anticoagulant systems in patients with kidney and urinary bladder neoplasms] Zavadich IB. *Vop Onkol* 16:97-9, May 70 (Rus)
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al. *Nord Med* 82:1277-83, 9 Oct 69 (Swe)
- [Prothrombin complex in liver diseases] Radujkov Z, et al. *Med Pregl* 22:389-93, 1969 (Cro)

### ANTAGONISTS & INHIBITORS

[Circulating anticoagulant against the 1st phase of



## PROTHROMBIN

## SUBJECT SECTION

- blood coagulation] Donner L, et al.  
Vnitri Lek 15:896-904, Sep 69 (Cze)  
[Inhibitor of prothrombin activation] Lechner K, et al.  
Klin Wschr 47:1225-32, 15 Nov 69 (Ger)

### BIOSYNTHESIS

- Vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. Olson RE, et al. *Advances Enzym Regulat* 7:83-94, 1969  
Synthesis and destruction of prothrombin in the rat. Bell RG, et al. *Arch Biochem* 135:152-9, Dec 69  
Immunochemical measurement of vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. Li LF, et al. *Arch Biochem* 137:494-9, Apr 70  
Reversal by vitamin K of cycloheximide inhibited biosynthesis of prothrombin in the isolated perfused rat liver. Kipfer RK, et al.  
*Biochem Biophys Res Commun* 38:1041-8, 27 Mar 70  
Pharmacokinetic analysis of the effect of barbiturate on the anticoagulant action of warfarin in man. Levy G, et al. *Clin Pharmacol Ther* 11:372-7, May-Jun 70  
Kinetics of the anticoagulant effect of bishydroxycoumarin in man. O'Reilly RA, et al. *Clin Pharmacol Ther* 11:378-84, May-Jun 70  
Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y. *J Lab Clin Med* 75:355-81, Mar 70  
Preparation and antiinflammatory activity of some 2-arylbenzo[b]thiophen-3 (2h)-one 1,1-dioxides. Lombardino JG, et al. *J Med Chem* 13:206-10, Mar 70  
Vitamin K and prothrombin formation. Ranhotra GS, et al. *Life Sci* 9:79-86, 22 Jan 70  
Amino acid metabolism and the biosynthesis of prothrombin in the perfused rat liver. Li LF, et al. *Proc Soc Exp Biol Med* 133:168-70, Jan 70  
Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
*Thromb Diath Haemorrh* 23:58-63, 28 Feb 70  
Two types of prothrombin in vitamin K deficiency. Hemker HC, et al.  
*Thromb Diath Haemorrh* 23:633-7, 30 Jun 70  
[Mechanism of the action of the thyroid gland hormone on the blood coagulation capacity] Kirichuk VF. *Probl Endokr (Moskva)* 14:96-101, Jan-Feb 68 (Rus)  
[Various features of digestive compensation following resection of various parts of the small intestine] Siparov IN. *Vestn Khir Grekov* 103:47-52, Sep 69 (Rus)  
[Effect of corticosteroids on the prothrombin-formation function of the liver in infants with pneumonia] Shaporenko MV.  
*Pediat Akush Ginek* 4:27-8, Jul-Aug 69 (Ukr)

### BLOOD

- A procoagulant from human postpartum serum. Effects of coagulation and hemodynamics in dogs. Nordström S, et al. *Acta Physiol Scand* 76:399-405, Aug 69  
Congenital dysprothrombinemia: an inherited structural disorder of human prothrombin. Shapiro SS, et al. *J Clin Invest* 48:2251-9, Dec 69  
Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al. *Paediat Indonesia* 9:117-22, May-Jun 69  
[Effect of sodium bromide on the activity of hemostatic substances] Iadrova VM, et al.  
*Farmakol Toksik* 32:632-3, Sep-Oct 69 (Rus)

### DIAGNOSTIC USE

- [Hemophilia B] Timerbaev VN, et al.  
*Probl Gemat* 14:21-3, Mar 69 (Rus)

### ISOLATION & PURIFICATION

- The isolation of undegraded bovine prothrombin and its partial characterization. Cox AC, et al. *Biochim Biophys Acta* 207:49-64, 28 Apr 70  
The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al.  
*Biochim Biophys Acta* 200:475-85, 31 Mar 70  
Structural changes in prothrombin during activation: a theory. Seegers WH, et al.  
*Thromb Diath Haemorrh* 23:26-36, 28 Feb 70  
[A human plasma fraction (PPSB) enriched with the

- coagulation factors II, VII, IX and X] Richter K. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)  
[Isolation of the PPSB fraction in a blood bank] Stein P, et al. *Folia Haemat (Leipzig)* 93:334-9, 1970 (Ger)

### METABOLISM

- Further studies on the platelet-inhibitory effect of guanidinosuccinic acid and its role in uremic bleeding. Horowitz HI, et al. *Amer J Med* 49:336-45, Sep 70  
Synthesis and destruction of prothrombin in the rat. Bell RG, et al. *Arch Biochem* 135:152-9, Dec 69  
The chemistry of the activation of prothrombin. Magnusson S. *Biochem J* 115:2P-3P, Nov 69  
A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al. *Brit J Haemat* 19:179-92, Aug 70  
Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y. *J Lab Clin Med* 75:355-81, Mar 70  
Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)  
Response of human beings to vitamin K 1. *Nutr Rev* 27:287-9, Oct 69 (10 ref.)  
Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD.  
*Thromb Diath Haemorrh* 23:12-8, 28 Feb 70  
Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969  
Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al.  
*Thromb Diath Haemorrh* 36:Suppl 36:269+, 1969  
[Change of blood platelet activity in patients with chronic uremia] Cordonnier D, et al.  
*J Urol Nephrol (Paris)* 75:289-301, Apr-May 69 (Fre)  
[Acquired blood platelet disorders] Caen JP, et al. *Nouv Rev Franc Hemat* 9:553-69, Jul-Aug 69 (Fre)  
[Digestive by-pass operations in the treatment of obesity] Moullé P. *Presse Med* 78:743-8, 28 Mar 70 (Fre)  
[The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.  
*Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)  
[Endofactor of yeast fungi and its participation in the process of plasma coagulation] Zalkina NA, et al. *Probl Gemat* 13:37-40, Jan 68 (Rus)  
[Blood coagulation in albino rats following long-term administration of calcium pangamate and methionine] Kaptiukh RF, et al.  
*Vop Pitau* 28:25-7, Jul-Aug 69 (Rus)

### PHARMACODYNAMICS

- The mode of action of vitamin K. Olson RE. *Nutr Rev* 28:171-6, Jul 70 (58 ref.)  
[The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.  
*Thromb Diath Haemorrh* 22:377-90, 15 Nov 69 (Ger)

### PHYSIOLOGY

- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. *Arch Biochem* 134:1-7, Oct 69  
[New data of biochemical experiments on prothrombin activation] Groben HD. *Hippokrates* 41:264-5, Jun 70 (Ger)  
[The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.  
*Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)

### THERAPEUTIC USE

- Christmas factor concentrates. The clinical use of several preparations. Tullis JL, et al.  
*Bibl Haemat* 34:40-51, 1970  
Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. Van Creveld S, et al. *Vox Sang* 18:441-9, May 70  
[Necrosis of the breast with anticoagulant therapy]



# SUBJECT SECTION

## PROTHROMBIN

Chausse JM.

Rev Med Suisse Rom 87:423-6, Jun 67 (Fre)

[Hemophilia and other hemophilia-like diseases]

Matsuoka S.

Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)

### PROTHROMBIN TIME

- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC.
- Acta Obstet Gynec Scand 48:405-15, 1969
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC.
- Acta Obstet Gynec Scand 48:392-404, 1969
- Effect of salicylate treatment on fetal and maternal prothrombin time in the mouse. Eriksson M.
- Acta Physiol Scand 78:39-42, Jan 70
- Electrocardiographic and hematological changes by exercise test in coronary patients and pyridinolcarbamate pretreatment. A double-blind crossover trial. Yamazaki H, et al.
- Amer Heart J 79:640-7, May 70
- Labile factor depression in scorbutic guinea pigs. Garvey MB, et al. Amer J Clin Nutr 22:1423-5, Nov 69
- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HJ, et al.
- Amer J Clin Path 54:239-48, Aug 70
- The 1969 survey of prothrombin time. Koepke JA.
- Amer J Clin Path 54:502-7, Sep 70
- Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Mandel EE, et al.
- Amer J Clin Path 52:547-56, Nov 69
- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al.
- Amer J Dis Child 119:365-9, Apr 70
- Cholecystocolonic fistula associated with malabsorption. Augur NA Jr, et al.
- Amer J Gastroent 53:558-63, Jun 70
- Fatal hepatitis in Saudi Arabian women. Gelpi AP.
- Amer J Gastroent 53:41-61, Jan 70
- Coumarin and indandione anticoagulants. Potentiators and antagonists. Formiller M, et al.
- Amer J Hosp Pharm 26:574-82, Oct 69
- Leukocyte anticoagulant with myelogenous leukemia. Hampton JW. Amer J Med 48:408-11, Mar 70
- Liver damage in heatstroke. Kew M, et al.
- Amer J Med 49:192-202, Aug 70
- The subtle and variable clinical expressions of gluten-induced enteropathy (adult celiac disease, nontropical sprue). An analysis of twenty-one consecutive cases. Mann JG, et al.
- Amer J Med 48:357-66, Mar 70
- Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Bloomfield DK.
- Amer J Obstet Gynec 107:883-8, 15 Jul 70
- Warfarin metabolism and vitamin K requirement in the warfarin-resistant rat. Hermodson MA, et al.
- Amer J Physiol 217:1316-9, Nov 69
- Selected procoagulants in the guinea pig. Hurt JP, et al.
- Amer J Physiol 218:832-7, Mar 70
- Clinical importance of prothrombin time determination in snake-venom poisoning. Peña Chavarría A, et al. Amer J Trop Med 19:342-4, Mar 70
- Aflatoxicosis in dogs. Chaffee VW, et al.
- Amer J Vet Res 30:1737-49, Oct 69
- Safe uses of cholestyramine. Casdorph HR.
- Ann Intern Med 72:759, Mar 70
- A new mechanism of exogenous hyperglyceridemia. Glueck CJ, et al. Ann Intern Med 71:1051-62, Dec 69
- Malignant histiocytosis. Results of combination vincristine-prednisone therapy. Kingdon HS, et al.
- Ann Intern Med 72:705-9, May 70
- Potentiation by glucagon of the hypoprothrombinemic action of warfarin. Koch-Weser J.
- Ann Intern Med 72:331-5, Mar 70
- Plasmapheresis with plasma exchange in hepatic coma. Methods and results in five patients with acute fulminant hepatic necrosis. Lepore MJ, et al.
- Ann Intern Med 72:165-74, Feb 70
- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al.
- Ann Intern Med 73:373-8, Sep 70
- Interaction of commonly prescribed drugs and warfarin. Robinson DS, et al.
- Ann Intern Med 72:853-6, Jun 70
- Recent developments in antithrombotic therapy. Wright IS. Ann Intern Med 71:823-31, Oct 69 (30 ref.)
- Assessment of anticoagulant treatment of venous thromboembolism. Coon WW, et al.
- Ann Surg 170:559-68, Oct 69
- Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.
- Ann Surg 172:98-108, Jul 70
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. Arch Int Pharmacodyn 181:153-69, Sep 69
- Studies of the epidemiology of anticoagulant-drug interactions. Kleinman PD, et al.
- Arch Intern Med (Chicago) 126:522-3, Sep 70
- The liver in sickle cell anemia. A clinical-pathologic study. Rosenblatt HJ, et al.
- Arch Path (Chicago) 90:235-45, Sep 70
- Coagulation changes following hepatic circulatory arrest in dogs. Brockis JG, et al.
- Aust New Zeal J Surg 39:71-5, Aug 69
- Response criteria for the bioassay of vitamin K. Bliss CI, et al. Biometrics 25:735-45, Dec 69
- The original haemorrhagic fever: yellow fever. Dennis LH, et al. Brit J Haemat 17:455-62, Nov 69
- A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al.
- Brit J Haemat 19:179-92, Aug 70
- The coagulation mechanism in acute bacterial infection. Goldenfarb PB, et al.
- Brit J Haemat 18:643-52, Jun 70
- Fletcher factor deficiency: a report of three unrelated cases. Hattersley PG, et al.
- Brit J Haemat 18:411-6, Apr 70
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al.
- Brit J Haemat 18:625-36, Jun 70
- Anticoagulant therapy. Leslie J.
- Brit Med J 4:621-2, 6 Dec 69
- Coagulation factor analysis in patients on long-term anticoagulation. Perkins HA, et al.
- Calif Med 112:1-7, Mar 70
- Aspirin, platelets, and bleeding. Bowie EJ, et al.
- Circulation 40:757-60, Nov 69
- Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy. Boyles PW.
- Clin Pharmacol Ther 11:251-9, Mar-Apr 70
- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.
- Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)
- Pharmacokinetic analysis of the effect of barbiturate on the anticoagulant action of warfarin in man. Levy G, et al. Clin Pharmacol Ther 11:372-7, May-Jun 70
- Kinetics of the anticoagulant effect of bishydroxycoumarin in man. O'Reilly RA, et al.
- Clin Pharmacol Ther 11:378-84, May-Jun 70
- An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. Welch RM, et al.
- Clin Pharmacol Ther 10:817-25, Nov-Dec 69
- Coagulation factor XII deficiency in the porpoise, Tursiops truncatus. Lewis JH, et al.
- Comp Biochem Physiol 31:667-70, 15 Nov 69
- Computer-aided long-term anticoagulation therapy. Shelnar LB. Comput Biomed Res 2:507-18, Dec 69
- Studies of the possible therapeutic interaction between cyclamate and warfarin. Holcenberg JS, et al.
- Curr Ther Res 11:577-84, Sep 69
- Preliminary clinical evaluation of glybenclamide in treatment of diabetes mellitus. Johnson BF, et al.
- Diabetes 19:579-84, Aug 70
- Early diagnosis of fatal hepatitis. Colombi A.
- Digestion 3:129-45, 1970
- Carbon monoxide-aggravated atherosclerosis in the squirrel monkey. Webster WS, et al.
- Exp Molec Path 13:36-50, Aug 70
- Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.). Gilliam M, et al.
- Experientia 26:908-9, 15 Aug 70
- Influence of prostaglandins E1 and E2 on coagulation of rat blood. Kloeze J. Experientia 26:307-8, 15 Mar 70
- Radiology of the portal system. Krel L.
- Gut 11:820-6, Jul 70 (39 ref.)
- Anticoagulant activity of Heracleidin. Mishra KC, et al.
- Indian J Physiol Pharmacol 13:153-5, Jul 69
- Drug action—study of plasma protein variations in hyperthrombotic diseases using gel filtration chromatography on agarose. Morelli AC, et al.
- Int Z Klin Pharmacol Ther Toxik 2:259-68, Jul 69



- Incidence of silent postoperative pulmonary emboli in geriatric patients. Sternlieb CM.  
J Amer Geriatr Soc 18:242-9, Mar 70
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.  
J Amer Med Wom Ass 51:1423-7, Oct 69
- Hepatotoxicity of tolbutamide in dogs. Wilson RB, et al.  
J Amer Vet Med Ass 156:1557-66, 1 Jun 70
- Excision of a pseudocyst of the hand in a hemophiliac (PTC-deficiency). Use of a plasma thromboplastin component concentrate. Bayer WL, et al.  
J Bone Joint Surg [Amer] 51:1423-7, Oct 69
- Venous thrombosis in patients with fracture of the upper end of the femur. A phlebographic study of the effect of prophylactic anticoagulation. Hamilton HW, et al. J Bone Joint Surg [Brit] 52:268-89, May 70
- A contribution to the aetiopathogenesis and treatment of acute thrombophlebitis. Denev B.  
J Cardiovasc Surg (Torino) 10:362-5, Sep-Oct 69
- Chromatographic, ultracentrifugal, and related studies of fibrinogen "Baltimore". Mosesson MW, et al.  
J Clin Invest 48:1656-62, Sep 69
- Congenital dysprothrombinemia: an inherited structural disorder of human prothrombin. Shapiro SS, et al. J Clin Invest 48:2251-9, Dec 69
- Selection for prothrombin time at 18 weeks of age in chickens. Mohapatra SC, et al.  
J Hered 60:289-92, Sep-Oct 69
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. J Lab Clin Med 75:93-108, Jan 70
- Effects of the spleen on canine factor VIII levels. McKee PA, et al. J Lab Clin Med 75:391-402, Mar 70
- Prothrombin in factor X deficiency. Malhotra OP, et al. J Lab Clin Med 75:120-7, Jan 70
- Preparation and antiinflammatory activity of some 2-arylbenzo[b]thiophen-3 (2h)-one 1,1-dioxides. Lombardino JG, et al. J Med Chem 13:206-10, Mar 70
- Massive hemoptysis in cystic fibrosis. Holsclaw DS, et al. J Pediatr 76:829-38, Jun 70
- Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. Miller DR, et al.  
J Pediatr 76:409-15, Mar 70
- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediatr 76:549-54, Apr 70
- Tropical sprue in children. Santiago-Borrero PJ, et al. J Pediatr 76:470-9, Mar 70
- Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs. Safar J, et al. J Surg Res 9:649-56, Nov 69
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al.  
J Trauma 9:939-65, Nov 69
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al.  
J Trauma 10:307-21, Apr 70
- The significance of coagulative and thrombotic changes after injury. Hardaway RM 3d.  
J Trauma 10:354-7, Apr 70
- Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al. JAMA 213:1681-3, 7 Sep 70
- Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on newborn hemostasis. Bleyer WA, et al.  
JAMA 213:2049-53, 21 Sep 70
- Waterhouse-Friderichsen syndrome induced by pneumococcal shock. Grant MD, et al.  
JAMA 212:1373-4, 25 May 70
- Surreptitious self-administration of heparin. Martin CM, et al. JAMA 212:475-6, 20 Apr 70
- Extracranial arterial stenosis. Walsh AC.  
JAMA 214:374, 12 Oct 70
- The short-term effects of chondroitin sulfates A and C on coronary atherosclerotic subjects: With reference to its anti-thrombogenic activities. Nakazawa K, et al. Jap Heart J 10:289-96, Jul 69
- Plasma clotting of adult female rhesus monkeys (Macaca mulatta). Rao GN, et al.  
Lab Anim Care 20:88-92, Feb 70
- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al.  
Lab Invest 23:179-83, Aug 70
- Circulating heparin-like substance after liver injury. Beck EA. Lancet 1:1287, 13 Jun 70
- Epsilon-aminocaproic acid in preoperative correction of haemostatic defect in cyanotic congenital heart-disease. Gralnick HR. Lancet 1:1204-5, 6 Jun 70
- Control of anticoagulant treatment. Nour-Eldin F. Lancet 2:1362, 20 Dec 69
- Control of anticoagulant treatment. Quick AJ. Lancet 2:1255, 6 Dec 69
- Intravascular coagulation in acute hepatic necrosis. Rake MO, et al. Lancet 1:533-7, 14 Mar 70
- The structure and the biological activities of sulfopolyglucans. I. The biological activity of sulfoevernan. Stefanovich V.  
Life Sci 8:1223-33, 1 Nov 69
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E.  
Life Sci 9:99-110, 22 Jan 70
- Effect of other drugs on oral anticoagulants. Awalt LF. Maryland Med J 18:103-4, Oct 69
- Coumarin drug interactions. Kazmier FJ, et al. Mayo Clin Proc 45:249-55, Apr 70
- Evaluation of the hemostatic mechanism. Bowle EJ, et al. Med Clin N Amer 54:889-902, Jul 70
- Anticoagulants and the acute abdomen. Cocks JR. Med J Aust 1:1138-41, 6 Jun 70
- Hyperfibrinolysis in cirrhosis. Boyett JD, et al. Nebraska Med J 55:230-6, Apr 70
- The genetic heterogeneity of hemophilia B. Brown PE, et al. New Eng J Med 283:61-4, 9 Jul 70
- Heparin therapy in septicemia with disseminated intravascular coagulation. Corrigan JJ Jr, et al. New Eng J Med 283:778-82, 8 Oct 70
- Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70
- Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)
- More coagulation nondisease. Ginsburg AD.  
New Eng J Med 283:47-8, 2 Jul 70
- Hereditary prothrombin deficiency. Kattlove HE, et al. New Eng J Med 282:57-61, 8 Jan 70
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. New Eng J Med 282:1448-51, 25 Jun 70
- The vascular component in hemostasis. Quick AJ. New Eng J Med 283:186-9, 23 Jul 70
- Potentiation of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. New Eng J Med 283:827-31, 15 Oct 70
- Drug therapy. V. Oral anticoagulant therapy. Holcenberg JS, et al. Northwest Med 69:421-4, Jun 70
- Response of human beings to vitamin K 1. Nutr Rev 27:287-9, Oct 69 (10 ref.)
- Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. Gallup DG, et al. Obstet Gynec 35:690-4, May 70
- Anticoagulant therapy during pregnancy. A new approach. Olwin JH, et al.  
Obstet Gynec 34:847-52, Dec 69
- Christmas disease associated with prothrombin deficiency and thrombasthenia. Alatas H, et al. Paediat Indonesia 9:117-22, May-Jun 69
- Microsomal enzyme induction by drugs. Conney AH. Pharmacol Physicians 3:1-5, Dec 69
- Serum proteolytic activity bound with alpha2-macroglobulin in hepato-biliary diseases. Szczeklik A.  
Pol Arch Med Wewnet 4:331-6, Apr-May 70
- Disturbances of blood coagulation in acute pancreatitis. Florkiewicz H, et al. Pol Med J 8:1292-6, 1969
- Correlated responses of blood coagulation and prothrombin times to selection for body weight. Mohapatra SC, et al. Poult Sci 48:742-3, Mar 69
- Anticoagulants and coronary heart disease. Mackinnon J. Practitioner 202:222-9, Feb 69 (29 ref.)
- Effect of selected antibiotics on prothrombin time of rats and the relationship to coumarin anticoagulants. Polson JB, et al.  
Proc Soc Exp Biol Med 132:963-7, Dec 69
- Consumptive coagulopathy caused by a boomslang bite. Lakier JB, et al. S Afr Med J 43:1052-5, 23 Aug 69
- Experience with Owren's thrombostest in control of anticoagulant therapy. Procházka J.  
Sborn Ved Prac Lek Fak Karlov Univ 12:529-36, 1969
- Prothrombin fragmentation during coagulation of whole blood and plasma. Ganrot PO, et al. Scand J Clin Lab Invest 24:15-21, Aug 69
- The prognostic value of clinical and laboratory data in patients with cirrhosis. Winkel P, et al. Scand J Gastroent Suppl 7:181-7, 1970
- Congenital haemorrhagic condition similar but not



- identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al. *Scand J Haemat* 7:91-9, 1970
- Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Ygge J. *Scand J Haemat* 6:343-7, 1969
- Hageman factor (factor XII) deficiency in marine mammals. Robinson AJ, et al. *Science* 166:1420-2, 12 Dec 69
- Adrenal hemorrhage associated with anticoagulant therapy. Markle CD, et al. *Southern Med J* 63:526-9, May 70
- Intravascular coagulation--reality or myth? Attar S, et al. *Surgery* 68:27-33, Jul 70
- Coagulation changes in hyperacute rejection of renal xenografts. Broersma RJ, et al.
- Thromb Diath Haemorrh 36:Suppl 36:333+, 1969
- Disseminated intravascular coagulation in shock. Hardaway RM ed.
- Thromb Diath Haemorrh 36:Suppl 36:159+, 1969
- Two types of prothrombin in vitamin K deficiency. Hemker HC, et al.
- Thromb Diath Haemorrh 23:633-7, 30 Jun 70
- Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loeliger EA, et al.
- Thromb Diath Haemorrh 23:569-84, 30 Jun 70
- Thromboplastin as a reagent. Quick AJ.
- Thromb Diath Haemorrh 23:585-92, 30 Jun 70
- Serum transfusion as a hemostatic procedure. Chiba Y. *Tohoku J Exp Med* 98:303-27, Aug 69
- Methods for differential diagnosis of consumption coagulopathy. Maki M, et al.
- Tohoku J Exp Med* 99:347-60, Dec 69
- Oral toxicology studies with lapachol. Morrison RK, et al. *Toxic Appl Pharmacol* 17:1-11, Jul 70
- Effect of Cerastes cerastes venom on blood coagulation mechanisms. Mohamed AH, et al.
- Toxicon* 7:181-4, Nov 69
- Effects of Heloderma suspectum venom on blood coagulation. Patterson RA, et al.
- Toxicon* 7:321-4, Dec 69
- [Circulating anticoagulant against the 1st phase of blood coagulation] Donner L, et al.
- Vnitřní Lek* 15:896-904, Sep 69 (Cze)
- [Problems of the so-called screening tests in hemophilia] Procházka J.
- Vnitřní Lek* 16:69-72, Jan 70 (Cze)
- [Influence of beta-propiolactone (BPL) on the activity of clotting factors of human plasma (experiments in vitro). 2] Vlčková M, et al.
- Vnitřní Lek* 16:857-61, Sep 70 (Cze)
- [Therapeutic use of gestagenic preparations and side-effects of their use] Lysgaard H.
- Ugeskr Laeg* 132:742-5, 16 Apr 70 (Dan)
- [Metabolic changes and hematological studies at altitudes up to 6200 m. Treatment possibilities] Albrecht E, et al. *Agressologie* 11:163-71, Mar 70 (Fre)
- [A case of anuria successfully treated with heparin during an acute pancreatitis. Intravascular coagulation?] Berquet JC, et al.
- Anesth Analg* (Paris) 28:609-18, Jul-Aug 69 (Fre)
- [Effects of the Vipera aspis poison on the plasma factors of hemostasis] Boffa MC, et al.
- C R Acad Sci [D] (Paris)* 270:1284-7, 2 Mar 70 (Fre)
- [Hepatic involvement during acute respiratory decompensation of chronic broncho-pneumopathies] Lamsse F, et al.
- Cah Coll Med Hop Paris* 10:1097-108, 15 Nov 69 (Fre)
- [Serum enzymes for the diagnosis of experimental acute hepatic necrosis] Chailifoux A, et al.
- Canad J Comp Med* 33:178-86, Jul 69 (Fre)
- [Polyglobulism associated with primary liver cancer] Ruvic R, et al.
- Nouv Rev Franc Hemat* 10:261-5, Mar-Apr 70 (Fre)
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.
- Nouv Rev Franc Hemat* 9:817-32, Nov-Dec 69 (Fre)
- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.
- Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)
- [Recent acquisitions in crenotherapy in phlebology] Canal Y. *Phlebologie* 22:211-7, Apr-Jun 69 (Fre)
- [Moscicowicz's disease: consumption coagulopathy?] Muller JM, et al. *Presse Med* 77:1895-8, 29 Nov 69 (Fre)
- [Dextran and dynamic coagulation] Raby C, et al. *Presse Med* 77:1819-20, 22 Nov 69 (Fre)
- [Prevention of thrombo-embolic complications (100 patients with hip surgery)] Touzard RC.
- Sem Hop Paris* 45:2481-3, 8 Oct 69 (Fre)
- [Changes in the blood coagulation mechanism associated with kidney operations] Rosdy E, et al. *Acta Chir Acad Sci Hung* 10:359-66, 1969 (Ger)
- [Blood coagulation disorders due to fractures] Schulz W, et al. *Bruns Beitr Klin Chir* 218:136-44, Apr 70 (Ger)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Thrombolytic therapy in acute arterial occlusions] Ehringer H, et al.
- Deutsch Med Wschr* 95:610-5 passim, 20 Mar 70 (Ger)
- [Therapy of the Waterhouse-Friderichsen syndrome] Hitzig WH.
- Deutsch Med Wschr* 95:642-3, 20 Mar 70 (Ger)
- [Consumption coagulopathy] Holzknecht F.
- Deutsch Med Wschr* 95:1275-7, 5 Jun 70 (Ger)
- [Moscicowicz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al.
- Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)
- [Comments on the article by E. Maurer: "Therapy with anticoagulants"] Jürgens J.
- Internist (Berlin)* 10:Suppl:36-7, Aug 69 (Ger)
- [Discussion on the standardization of thromboplastin time] Lasch HG, et al.
- Internist (Berlin)* 10:Suppl:39-40, Aug 69 (Ger)
- [Control of anticoagulant therapy] Lechler E.
- Internist (Berlin)* 10:Suppl:35-6, Aug 69 (Ger)
- [Treatment of out-patients with anticoagulants] Maurer E.
- Internist (Berlin)* 10:Suppl:33-5, Aug 69 (Ger)
- [Comments on the article by E. Maurer, Munich: "Therapy with anticoagulants"] Weyer FG.
- Internist (Berlin)* 10:Suppl:37-9, Aug 69 (Ger)
- [Effect of fibrinolysis on possible thrombocytic disorders] Fürstenberg H, et al.
- Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Technic of blood coagulation diagnosis in the clinical laboratory] Simon KH.
- Med Mschr* 23:563-5, Dec 69 (Ger)
- [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.
- Schweiz Med Wschr* 99:1257-9, 30 Aug 69 (16 ref.) (Ger)
- [Normotest-Owren, a new screening test for the exogenic blood coagulation system] Pilgerstorfer HW, et al. *Wien Klin Wschr* 82:237-40, 27 Mar 70 (Ger)
- [Fibrinolytic activity of peripheral and uterine blood as influenced by p-aminomethylbenzoic acid (PAMBA) in pregnancy toxemias] Sieg U, et al.
- Zbl Gynaek* 91:1662-6, 20 Dec 69 (Ger)
- [Prothrombin time in rats with experimental hepatic steatosis] Cajola G.
- Boll Soc Ital Biol Sper* 44:1850, 30 Nov 68 (Ita)
- [Hematological changes in biotin-deficient animals] Petrelli F, et al.
- Boll Soc Ital Biol Sper* 45:270-2, 28 Feb 69 (Ita)
- [Use of discriminatory analysis for the utilization of various laboratory examinations in the diagnosis of myocardial ischemia and infarct. II] Agnese G, et al.
- G Ig Med Prev* 9:21-30, Jan-Mar 68 (Ita)
- [The basal thrombodesitogram in hepatic cirrhosis] Ferri F. *Minerva Med* 60:4971-8, 12 Dec 69 (Ita)
- [Action of an extractive heparinoid on some blood coagulation indices] Guidi G, et al.
- Minerva Med* 60:Suppl 99:5034+, 12 Dec 69 (Ita)
- [Hepatic function tests] Magnenat P.
- Minerva Med* 61:1181-8, 24 Mar 70 (Ita)
- [Thrombodesitographic changes caused by a fatty meal] Regazzini A, et al.
- Minerva Med* 60:4562-74, 17 Nov 69 (Ita)
- [The partial thromboplastin time (PTT). 3. Contribution to the study of blood coagulation during labor] Cattaneo A, et al.
- Riv Ostet Ginec* 24:120-6, Mar 69 (Ita)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M.
- Jap J Clin Path* 16:Suppl 16:85-92, 1969 (Jap)
- [Value of certain studies of the hemostatic system in the diagnosis of hemophilia] Wichert K.
- Roczni Pom Akad Med Swierczewski* 15:329-43, 1969 (Pol)
- [Effect of stimulation of amygdaloid nuclear complex on blood coagulating indices] Vediaev FP, et al.
- Fiziol Zh SSSR Sechenov* 55:833-6, Jul 69 (Rus)
- [Changes in the indices of the blood coagulation system in chronic coronary insufficiency in relation to the



- patient's age, degree and length of illness] Feniuk EV. *Kardiologiya* 8:70-3, Dec 68 (Rus)
- [Mechanism of the action of the thyroid gland hormone on the blood coagulation capacity] Kirichuk VF. *Probl Endokr (Moskva)* 14:96-101, Jan-Feb 68 (Rus)
- [Blood coagulation system in primary hypothyroidism] Savenkov IuI, et al.
- Probl Endokr (Moskva)* 15:15-8, Jul-Aug 69 (Rus)
- [Reflex effects from the thyroid gland on the blood coagulation] Kirichuk VF.
- Probl Endokr Gormonoter* 13:79-84, Jan-Feb 67 (Rus)
- [Role of tissue factors in local hemostasis] Skipemrov VP. *Probl Gemat* 13:27-31, Jun 68 (Rus)
- [Dynamics of the properties of the thromboelastogram, prothrombin time and plasma fibrinogen concentration of rabbits vaccinated with BCG] Polushkina EE. *Probl Tuberk* 47:72-6, 1969 (Rus)
- [Effect of underwater intestinal lavage on the liver function in patients with chronic colitis] Brovkina II. *Vrach Delo* 7:70-3, Jul 69 (Rus)
- [Clinical significance of some indices of blood coagulation and anticoagulation system in acute bacillary dysentery] Keshishian SG. *Zh Eksp Klin Med* 9:67-70, 1969 (Rus)
- [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al. *Prensa Med Argent* 57:21-9, 6 Mar 70 (Spa)
- [Rapid tests for diagnosis of coagulation disturbances. Results of a clinical trial] Norén I, et al. *Nord Med* 82:1277-83, 9 Oct 69 (Swe)

## INSTRUMENTATION

- A comparison study of 175 duplicate determinations using the Electra 500 and the standard fibrometers. Woody GL, et al.
- Techn Bull Regist Med Techn* 39:266-9, Dec 69

## STANDARDS

- One-stage prothrombin time survey. Zucker S, et al. *Amer J Clin Path* 53:340-7, Mar 70
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.
- Amer J Clin Path* 53:348-54, Mar 70
- The use of the British comparative thromboplastin for uniformity of laboratory control of oral anticoagulants. Poller L.
- Brit J Haemat* 17:606-7, Dec 69
- Control of anticoagulants. *Brit Med J* 4:125-6, 18 Oct 69
- Control of anticoagulant treatment. *Lancet* 2:990-1, 8 Nov 69

## VETERINARY

- Menadione requirements of chickens selected for prothrombin time. Edens FW, et al.
- Poult Sci* 49:295-7, Jan 70

## PURPURA, THROMBOPENIC

- Idiopathic thrombocytopenic purpura in adults. Horta EO, et al. *Bol Asoc Med P Rico* 62:91-100, Mar 70
- Histidinemia. Carton D, et al.
- Helv Paediat Acta* 25:127-34, Apr 70
- Idiopathic thrombocytopenia pupura: Harris. *J Arkansas Med Soc* 66:492-5, May 70
- [Chronic idiopathic thrombocytopenic purpura in the child. 28 cases] Freycon F, et al.
- Pediatr* 24:951-72, Dec 69 (Fre)
- [Acute thrombopenia in the child] Monnet P, et al.
- Pediatr* 24:885-909, Dec 69 (Fre)
- [Thrombocytopenic purpura of pregnancy] Buttaro CA, et al. *Minerva Med* 61:424-8, 3 Feb 70 (Ita)
- [Ultrastructure of blood platelets in various hematologic disorders] Miyagawa K, et al.
- Acta Haemat Jap* 32:64-71, Feb 69 (Jap)
- [Thrombopenic purpura] Rikshospitalet F.
- T Norsk Laegeforen* 89:1811-2, 1 Dec 69 (Nor)
- [Kasabach-Merritt syndrome] Gura C, et al.
- Wiad Lek* 23:1145-51, 1 Jul 70 (Pol)
- [Late results of pregnancy and labor in women with Werlhof's disease] Sautina VO.
- Akush Ginek (Moskva)* 45:36-9, Jun 69 (Rus)
- [Condition of children born of mothers with Werlhof's disease] Sautina VO. *Pediatr* 48:86-90, Jul 69 (Rus)
- [Rare form of infectious-allergic vasculitis] Al'bova GE. *Probl Gemat* 14:57-8, Oct 69 (Rus)
- [Morphological picture of the peripheral blood of

- children born of mothers with Werlhof's disease] Sautina VO. *Probl Gemat* 14:26-9, Feb 69 (Rus)
- [Pregnancy and labor in Werlhof's disease (literature review)] Sautina VO.
- Vop Okhr Materin Dets* 14:66-9, Sep 69 (Rus)
- [Treatment of extensive hemangioma of the skin and subcutaneous space in the Kasabach-Merritt syndrome] Svistunova TM.
- Vop Onkol* 16:123-4, Apr 70 (Rus)
- [Idiopathic thrombopenic purpuras. Clinical and etiological considerations on 341 personal cases] Bernard J, et al. *Sangre (Barc)* 15:149-62, 1970 (Spa)

## BLOOD

- Circulating reticulocytes in normal adults as determined by the new methylene blue method. Deiss A, et al. *Amer J Clin Path* 53:481-4, Apr 70
- Circulating siderocytes in human subjects. Kurth D, et al. *Blood* 34:754-64, Dec 69
- Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of screening tests of clot solubility. Dvilansky A, et al. *Brit J Haemat* 18:399-410, Apr 70
- Platelet life-span and sites of platelet sequestration in onyala. Lurie A, et al. *Brit Med J* 4:146-8, 18 Oct 69
- Idiopathic thrombocytopenic purpura and low blood-iodine. Hazell K. *Lancet* 1:196, 24 Jan 70
- Thrombocytosis following thrombocytopenia in man. Ogston D, et al. *Postgrad Med J* 45:754-6, Dec 69
- [A new case of neonatal thrombopenic purpura due to fetal-maternal leukoplatelet allo-immunization] Streiff F, et al.
- Nouv Rev Franc Hemat* 10:401-8, May-Jun 70 (Fre)
- [Determination of thrombocyte survival time with <sup>51</sup>Cr. II. Studies on the survival time of autologous thrombocytes in patients with pronounced thrombopenia] Adam W, et al.
- Blut* 21:9-19, Jul 70 (Ger)
- [Measurements of thrombocytes survival time and surface activity in patients suffering from thrombocytopenic purpura] Seidl S, et al.
- Deutsch Med Wschr* 95:266 passim, 6 Feb 70 (Ger)
- [Effect of intralipid on platelet adhesiveness] Szabó R, et al. *Folia Haemat (Leipzig)* 93:435-42, 1970 (Ger)
- [Late results of pregnancy and labor in women with Werlhof's disease] Sautina VO.
- Akush Ginek (Moskva)* 45:36-9, Jun 69 (Rus)
- [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.
- Lab Delo* 2:71-7, 1970 (30 ref.) (Rus)
- [Morphological evaluation of the thrombopoietic system in Werlhof's disease] Nikiforova OA.
- Probl Gemat* 13:32-9, Apr 68 (Rus)
- [Indices of ceruloplasmin activity in patients with hematologic diseases and portal hypertension] Silvinskii BP. *Probl Gemat* 13:31-2, Apr 68 (Rus)
- [Activity of the fibrin stabilizing factor in several diseases in children] Alekseenko IF.
- Vop Okhr Materin Dets* 15:90, Feb 70 (Rus)

## CHEMICALLY INDUCED

- On clinical medicine with notes from the diary of a part-time researcher. Vogl A.
- Bull NY Acad Med* 46:39-60, Jan 70
- Non-thrombocytopenic purpura due to chlorothiazide. Reid JM, et al. *Scot Med J* 14:309-11, Sep 69
- [Dermatologic complications during the administration of hydantoin compounds (review)] Gottwald W. *Z Haut Geschlechtskr* 44:471-90, 1 Jul 69 (123 ref.) (Ger)
- [Drug-induced purpura] Zenner O.
- Z Haut Geschlechtskr* 45:471-82, 15 Jun 70 (Ger)
- [Case of acute hemolytic syndrome developing during prolonged use of preludein and gracidin] Brodov EE. *Probl Gemat* 14:60, Oct 69 (Rus)

## COMPLICATIONS

- Lymphocyte transformation induced by autologous platelets in a case of thrombocytopenic purpura. Plessens WF, et al. *Blood* 36:421-7, Oct 70
- The relationship of idiopathic thrombocytopenic purpura and systemic lupus erythematosus. Horta EO, et al. *Bol Asoc Med P Rico* 62:41-51, Feb 70
- Idiopathic thrombocytopenic purpura in adults. Horta EO, et al. *Bol Asoc Med P Rico* 62:91-100, Mar 70



# SUBJECT SECTION

## PURPURA,

- Insulin resistance and thrombocytopenic purpura occurring in the same patient. Cawley MI, et al. *Brit J Clin Pract* 24:169-74, Apr 70
- Thrombotic microangiopathy associated with squamous carcinoma. Tapp E, et al. *Brit Med J* 4:209-10, 25 Oct 69
- Dermal erythropoiesis in congenital rubella. Description of an infected newborn who had purpura associated with marked extramedullary erythropoiesis in the skin and elsewhere. Klein HZ, et al. *Clin Pediat (Phila)* 8:604-7, Oct 69
- Thrombocytopenic purpura and chickenpox. Lopez R, et al. *Clin Pediat (Phila)* 9:100-4, Feb 70
- Infectious mononucleosis with thrombocytopenic purpura: report of a case. Cohen BL, et al. *J Amer Osteopath Ass* 69:101-3, Sep 69
- Idiopathic thrombocytopenic purpura in childhood. An approach to therapy. Taylor JC. *J Iowa Med Soc* 60:94-7, Feb 70
- Acute leukemia with terminal febrile illness. Haggitt RC, et al. *J Tenn Med Ass* 62:933-9, Oct 69
- The syndrome of the sea-blue histiocyte. Silverstein MN, et al. *New Eng J Med* 282:1-4, 1 Jan 70
- Familial idiopathic thrombocytopenic purpura. Raynaud's phenomenon. Ellis JP, et al. *Proc Roy Soc Med* 62:1277-8, 12 Dec 69
- Thrombocytopenia and pituitary necrosis associated with rubella. Tiwary CM. *Proc Roy Soc Med* 62:908-9, Sep 69
- Idiopathic thrombocytopenic purpura and Kaposi's sarcoma. Turnbull A, et al. *Proc Roy Soc Med* 63:603-5, Jun 70
- [Lipid histiocytosis of the spleen in idiopathic thrombocytopenic purpura] Couderc P, et al. *Ann Anat Path (Paris)* 14:309-17, Jul-Sep 69 (Fre)
- [Chronic thrombocytopenic purpura. Hyperthyroidism, pretibial myxedema and L.A.T.S.] Cattani D, et al. *Presse Med* 78:1535-40, 25 Jul 70 (Fre)
- [Pre-eruptive purpura] Klein JM, et al. *Un Med Canada* 99:278-81, Feb 70 (Fre)
- [The adult form of the Kasabach-Merritt syndrome] Boros G, et al. *Orv Hetil* 111:1998-2004, 23 Aug 70 (Hun)
- [Evans' syndrome: report of a case] Salda K, et al. *Jap Arch Intern Med* 16:387-91, Sep 69 (Jap)
- [2 cases of idiopathic thrombocytopenic purpura treated effectively with imuran and glucocorticoids] Egusa K, et al. *Naika* 24:1157-62, Dec 69 (Jap)
- [Thrombocytolytic thrombocytopenic purpura. Nosological classification (presentation of an anatomic-clinical case)] Popescu ER, et al. *Med Intern (Bucur)* 21:999-1004, Aug 69 (Rum)
- [Unsettled and controversial problems in systemic vascular diseases] Teodor MI. *Kardiologia* 9:3-12, Aug 69 (55 ref.) (Rus)
- [Thrombocytopenic purpura as a complication of hemorrhagic fever with renal syndrome] Geller LI. *Probl Gemat* 14:58-9, Oct 69 (Rus)
- [Splenectomy in a patient with the acute form of Werlhof's disease complicated by cerebral hemorrhages] Iashvili VV. *Probl Gemat* 13:45-6, Feb 68 (Rus)
- [Lymphogranulomatosis complicated by thrombocytopenic purpura] Malakhovskii IuE, et al. *Probl Gemat* 15:60-1, Jan 70 (Rus)
- [Remote prognosis of kidney complications in Schönlein-Henoch syndrome in children] Djukić D, et al. *Srpski Arh Celok Lek* 97:549-54, May 69 (Ser)
- ### CONGENITAL
- The role of splenectomy in neonatal idiopathic thrombocytopenic purpura. Grosfeld JL, et al. *J Pediat Surg* 5:166-71, Apr 70
- [Congenital rubella syndrome] Rupprecht E. *Deutsch Gesundh* 24:1065-9, 5 Jun 69 (Ger)
- ### DIAGNOSIS
- Idiopathic thrombocytopenic purpura in adults. Horta EO, et al. *Bol Asoc Med P Rico* 62:91-100, Mar 70
- Glanzmann's thrombasthenia. (Report of 3 cases). Vélez-García E, et al. *Bol Asoc Med P Rico* 62:86-91, Mar 70
- Isolated neonatal thrombocytopenic purpura in two siblings. Seidl S, et al. *German Med Monthly* 14:496-8, Oct 69
- Idiopathic thrombocytopenic purpura: Harris. *J Arkansas Med Soc* 66:492-5, May 70
- The vascular component in hemostasis. Quick AJ. *New Eng J Med* 283:186-9, 23 Jul 70
- A two-stage agglutination test for the detection of antithrombocyte antibodies. Hanna N, et al. *Vox Sang* 18:342-8, Apr 70
- [Chronic idiopathic thrombocytopenic purpura in the child. 28 cases] Freycon F, et al. *Pediatric* 24:951-72, Dec 69 (Fre)
- [Measurements of thrombocytes survival time and surface activity in patients suffering from thrombocytopenic purpura] Seidl S, et al. *Deutsch Med Wschr* 95:266 passim, 6 Feb 70 (Ger)
- [Giant follicular lymphoma (Brill-Symmers) of stomach and spleen with the symptoms of Werlhof's disease] Gilly G. *Fortschr Roentgenstr* 110:415-6, Mar 69 (Ger)
- [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. *Med Klin* 65:443-50, 6 Mar 70 (Ger)
- [Morphological evaluation of the thrombopoietic system in Werlhof's disease] Nikiforova OA. *Probl Gemat* 13:32-9, Apr 68 (Rus)
- [Idiopathic thrombocytopenic purpuras. Clinical and etiological considerations on 341 personal cases] Bernard J, et al. *Sangre (Barc)* 15:149-62, 1970 (Spa)
- ### DRUG THERAPY
- The use of azathioprine in refractory idiopathic thrombocytopenic purpura in children. Hilgartner MW, et al. *Acta Paediat Scand* 59:409-15, Jul 70
- Management of chronic idiopathic thrombocytopenic purpura. Weinrach RS. *Arizona Med* 27:72-5, Apr 70
- Lymphocyte transformation tests in patients under treatment with immunosuppressive drugs. Heine KM, et al. *Helv Med Acta* 35:140-5, Nov 69
- Idiopathic thrombocytopenic purpura: Harris. *J Arkansas Med Soc* 66:492-5, May 70
- Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al. *JAMA* 213:1681-3, 7 Sep 70
- Idiopathic thrombocytopenic purpura and low blood-iodine. Hazell K. *Lancet* 1:196, 24 Jan 70
- The clinical use of immunosuppression. Watson DW, et al. *Med Clin N Amer* 53:1225-41, Nov 69 (73 ref.)
- The corticosteroids in childhood. Pearn JH, et al. *Practitioner* 204:34-45, Jan 70 (34 ref.)
- [Use of corticosteroids in pregnancy--our experience and results] Dimitrov Dia. *Akush Ginek (Sofia)* 8:200-9, 1969 (Bul)
- [Immunodepressive agents in hematology] Sanchez-Fayos J, et al. *Cah Med* 11:433-43, 15 May 70 (Fre)
- [Current report on using immunosuppressive agents in the treatment of chronic idiopathic thrombocytopenic purpura] Delobel J, et al. *Nouv Rev Franc Hemat* 10:269-74, Mar-Apr 70 (Fre)
- [Chronic idiopathic thrombocytopenic purpura in the child. 28 cases] Freycon F, et al. *Pediatric* 24:951-72, Dec 69 (Fre)
- [Acute thrombocytopenia in the child] Monnet P, et al. *Pediatric* 24:885-909, Dec 69 (Fre)
- [Chronic thrombocytopenic purpura. Hyperthyroidism, pretibial myxedema and L.A.T.S.] Cattani D, et al. *Presse Med* 78:1535-40, 25 Jul 70 (Fre)
- [Case report of osteonecrosis of the internal condyles of the femur following corticotherapy] Duparc J, et al. *Rev Rhum* 36:563-8, Oct 69 (Fre)
- [Severe thrombocytopenia due to rubella in adults] Routier G. *Sem Hop Paris* 46:115-6, 8 Jan 70 (Fre)
- [Thrombocyte survival during the treatment of essential thrombocytopenia] Schulz K, et al. *Folia Haemat (Lpz)* 92:567-76, 1969 (Ger)
- [Immunosuppressive agents in hematology] Sanchez-Fayos J. *Munchen Med Wschr* 112:530-6, 20 Mar 70 (Ger)
- [Experience in the therapy of autoimmune diseases] Martin H. *Z Ges Inn Med* 24:536-44, 15 Aug 69 (Ger)
- [On vasculoprotective therapy in various hemorrhagic syndromes] Carile L. *Clin Ter* 45:445-60, 15 Jun 68 (Ita)
- [On the course of some causes of chickenpox in subjects treated with corticoids] Monari E. *G Mai Infett* 21:179-87, Mar 69 (Ita)
- [Sideropenic states and intravenous iron therapy] Bordo D, et al. *Minerva Med* 60:4479-84, 10 Nov 69 (Ita)
- [Immunosuppressive agents in hematology] Sanchez-Fayos J, et al. *Minerva Med* 61:3082-98, 11 Jul 70 (Ita)
- [2 cases of idiopathic thrombocytopenic purpura treated effectively with imuran and glucocorticoids] Egusa K, et al. *Naika* 24:1157-62, Dec 69 (Jap)
- [Refractory idiopathic thrombocytopenic purpura] Kawakita Y, et al. *Naika* 24:1049-54, Dec 69 (Jap)



- [Azathioprine in thrombocytopenic purpura] Folling M, et al. *T Norsk Laegeforen* 89:1575-6, 15 Oct 69 (Nor)  
 [Effect of 6-mercaptopurine on the fibrinolytic activity of blood] Kovalev IE, et al.  
*Probl Gemat* 13:22-3, Jan 68 (Rus)

## ETIOLOGY

- Immunoglobulin responses in rubella and its complications. Haire M, et al.  
*Brit Med J* 3:130-2, 18 Jul 70  
 Thrombocytopenic purpura after blood transfusion. Nicholls RJ, et al. *Brit Med J* 1:581-2, 6 Jun 70  
 Thrombocytopenic purpura following Mantoux test. Saxena KN, et al. *Indian J Med Sci* 24:79-81, Feb 70  
 Idiopathic thrombocytopenic purpura: Harris.  
*J Arkansas Med Soc* 66:492-5, May 70  
 Thrombocytopenic purpura as the only manifestation of rubella. Volpato S, et al. *Lancet* 2:1249, 6 Dec 69  
 [Intra-hepatic cholestasis by obstruction of interlobular biliary ducts during generalized disease of cytomegalic inclusions in the newborn] Odievre M, et al. *Arch Franc Pediat* 27:211-6, Feb 70 (Fre)  
 [A case of post-transfusional thrombopenic purpura (Shulman's syndrome)] Dubarry JJ, et al.  
*Bordeaux Med* 3:911-6, Apr 70 (Fre)  
 [Thrombocytopenic purpura, a new clinical aspect of the congenital rubella syndrome] Saidi M, et al.  
*Canad Med Ass J* 101:340-3, 20 Sep 69 (Fre)  
 [A new case of neonatal thrombopenic purpura due to fetal-maternal leukoplatelet allo-immunization] Streiff F, et al.  
*Nouv Rev Franc Hemat* 10:401-8, May-Jun 70 (Fre)  
 [Severe thrombopenia due to rubella in adults] Routier G. *Sem Hop Paris* 46:115-6, 8 Jan 70 (Fre)  
 [On a case of thrombopenic purpura during epidemic parotitis] Cremon L, et al.  
*G Mal Infett* 21:744-7, Sep 69 (Ita)  
 [Etiopathogenetic and therapeutic considerations on case reports of thrombocytopenic at the Clinica Pediatrica of Genua University] Mori PG, et al.  
*Minerva Pediat* 21:1900-9, 13 Oct 69 (Ita)  
 [Role of beta-lipoproteinemia in the development of nonspecific agglutination (aggregation) of thrombocytes] Martynov Sm, et al.  
*Probl Gemat* 14:24-8, Oct 69 (Rus)  
 [May-Hegglin anomaly as the etiology of thrombocytopenic purpura (22 new cases)] Prado Vargas G. *Bol Asoc Med P Rico* 62:52-9, Feb 70 (Spa)  
 [Isoimmunization with thrombocyte antigens in repeated pregnancies] Potolochna GA.  
*Pediatr Akush Ginek* 4:33-5, Jul-Aug 69 (Ukr)

## FAMILIAL &amp; GENETIC

- Glanzmann's thrombasthenia. (Report of 3 cases). Vélez-García E, et al.  
*Bol Asoc Med P Rico* 62:86-91, Mar 70  
 Platelet function: a review. II. Abnormal function. Berger S.  
*Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)  
 Isoimmune neonatal thrombocytopenic purpura in two siblings. Seidl S, et al.  
*German Med Monthly* 14:496-8, Oct 69  
 Glanzmann's disease and trait. Papayannis AG, et al.  
*Lancet* 2:44, 4 Jul 70  
 Familial idiopathic thrombocytopenic purpura. Raynaud's phenomenon. Ellis JP, et al.  
*Proc Roy Soc Med* 62:1277-8, 12 Dec 69  
 Glanzmann's thrombasthenia and pregnancy. Payne PR. *Proc Roy Soc Med* 63:56-7, Jan 70  
 [On a case of chronic familial thrombopenia] Ghitescu S, et al. *Pediatrics (Bucur)* 19:271-4, May-Jun 70 (Rum)

## IMMUNOLOGY

- Lymphocyte transformation induced by autologous platelets in a case of thrombocytopenic purpura. Plessens WF, et al. *Blood* 36:421-7, Oct 70  
 Immunoglobulin responses in rubella and its complications. Haire M, et al.  
*Brit Med J* 3:130-2, 18 Jul 70  
 Antigenicity of blood platelets. Májský A.  
*Curr Top Microbiol Immun* 50:138-73, 1969 (259 ref.)  
 The occurrence of red cell isoantibodies in the sera of dams of piglets showing thrombocytopenic purpura. Linklater KA. *Vet Rec* 86:630-1, 23 May 70  
 [Autoimmune syndromes in human clinical cases] Seligmann M, et al.

- Ann Inst Pasteur (Paris)* 118:485-512, Apr 70 (168 ref.) (Fre)  
 [Immune thrombopenias and purpura] Brüster H. *Allerg Asthmaforsch* 5:168-75, 1969 (Ger)  
 [Measurements of thrombocytes survival time and surface activity in patients suffering from thrombocytopenic purpura] Seidl S, et al.  
*Deutsch Med Wschr* 95:266 passim, 6 Feb 70 (Ger)  
 [Immunologically conditioned thrombocytopenia] Abrahamsen AF.  
*T Norsk Laegeforen* 90:843-9, 1 May 70 (Nor)  
 [Changes in the spleen in the acute form of Werlhof's disease] Anokhina IuV, et al.  
*Probl Gemat* 14:28-31, Oct 69 (Rus)  
 [Immunogenesis in Fagher-Evans syndrome] Gromnatskii NI, et al.  
*Probl Gemat* 12:56-7, Sep 67 (Rus)  
 [Idiopathic thrombopenic purpuras. Clinical and etiological considerations on 341 personal cases] Bernard J, et al. *Sangre (Barc)* 15:149-62, 1970 (Spa)

## MORTALITY

- [Idiopathic thrombopenic purpuras. Clinical and etiological considerations on 341 personal cases] Bernard J, et al. *Sangre (Barc)* 15:149-62, 1970 (Spa)

## NURSING

- [Nursing a pre-and post-splenectomy patient with idiopathic thrombopenic purpura] Ueda H, et al.  
*Jap J Nurs Art* 2:118-22, Feb 69 (Jap)

## OCCURRENCE

- [Chronic idiopathic thrombocytopenic purpura in the child. 28 cases] Freycon F, et al.  
*Pediatric* 24:951-72, Dec 69 (Fre)  
 [Etiopathogenetic and therapeutic considerations on case reports of thrombocytopenic at the Clinica Pediatrica of Genua University] Mori PG, et al.  
*Minerva Pediat* 21:1900-9, 13 Oct 69 (Ita)

## PATHOLOGY

- Thrombokinetics in idiopathic thrombocytopenic purpura. Harker LA. *Brit J Haemat* 19:95-104, Jul 70  
 Thrombocytopenic purpura and chickenpox. Lopez R, et al. *Clin Pediat (Phila)* 9:100-4, Feb 70  
 Tubular inclusions of systemic lupus erythematosus. Ultrastructural observations regarding their possible viral nature. Haas JE, et al.  
*Exp Molec Path* 12:257-63, Jun 70  
 [Lipid histiocytosis of the spleen in idiopathic thrombopenic purpura] Couderc P, et al.  
*Ann Anat Path (Paris)* 14:309-17, Jul-Sep 69 (Fre)  
 [Application of the hemolytic action of saponin to the histological study of the spleen] Delarue J, et al.  
*Ann Anat Path (Paris)* 14:343-6, Jul-Sep 69 (Fre)  
 [A major form of plantar phlyctenular hemorrhagic pseudochromhidrosis. Association with thrombocyte disorders. Pathogenic explanation] Dupré A.  
*Dermatologica (Basel)* 140:178-85, 1970 (Fre)  
 [Etiopathogenetic and therapeutic considerations on case reports of thrombocytopenic at the Clinica Pediatrica of Genua University] Mori PG, et al.  
*Minerva Pediat* 21:1900-9, 13 Oct 69 (Ita)  
 [A histometrical and histopathological study on the spleen in immunohematological diseases] Tsunakawa S. *Acta Haemat Jap* 31:1066-81, Nov 68 (Jap)  
 [Changes in the spleen in the acute form of Werlhof's disease] Anokhina IuV, et al.  
*Probl Gemat* 14:28-31, Oct 69 (Rus)

## PHYSIOPATHOLOGY

- Thrombokinetics in idiopathic thrombocytopenic purpura. Harker LA. *Brit J Haemat* 19:95-104, Jul 70  
 Platelet life-span and sites of platelet sequestration in onyala. Lurie A, et al. *Brit Med J* 4:146-8, 18 Oct 69  
 [Study of thrombocyte kinetics by way of determining the number of thrombocytes containing acid phosphatase] Moslagina EN, et al.  
*Probl Gemat* 14:43-50, Nov 69 (Rus)

## RADIOTHERAPY

- [Preparation of patient with thrombocytopenic purpura for operation] Baran M, et al.  
*Poi Tyg Lek* 25:181-2, 2 Feb 70 (Pol)



# SUBJECT SECTION

## PURPURA,

[Kasabach-Merritt syndrome] Gura C, et al.  
Wlad Lek 23:1145-51, 1 Jul 70 (Pol)

### SURGERY

Splenectomy for hematologic disorders. Schwartz SI, et al. Arch Surg (Chicago) 101:338-47, Aug 70  
Thrombokinetics in idiopathic thrombocytopenic purpura. Harker LA. Brit J Haemat 19:95-104, Jul 70  
Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. Adner MM, et al. JAMA 213:1681-3, 7 Sep 70  
[Immunosuppressive agents in hematology] Sánchez-Fayos J.  
Munchen Med Wschr 112:530-6, 20 Mar 70 (Ger)  
[Splenectomy in hematologic autoimmune diseases] Stobbe H, et al.  
Z Ges Inn Med 24:545-9, 15 Aug 69 (Ger)  
[Anesthesia and resuscitation in surgery thrombo-cytopenic purpura] Montagne J.  
Cah Anesth 17:759-71, Nov 69 (Ita)  
[Refractory idiopathic thrombocytopenic purpura] Kawakita Y, et al. Naika 24:1049-54, Dec 69 (Jap)  
[Effect of splenectomy on surgical blood incompetency] Sunada T, et al.  
Surg Ther (Osaka) 21:261-70, Sep 69 (Jap)  
[Preparation of patient with thrombocytopenic purpura for operation] Baran M, et al.  
Pol Tyg Lek 25:181-2, 2 Feb 70 (Pol)  
[On the indications for splenectomy] Chipall GG, et al. Rev Medicochir Iasi 74:91-6, Jan-Mar 70 (Rum)  
[Splenectomy in a patient with the acute form of Werlhof's disease complicated by cerebral hemorrhages] Iashvili VV.  
Probl Gemat 13:45-6, Feb 68 (Rus)

### THERAPY

Serum immunoglobulin and transferrin levels after childhood splenectomy. Schumacher MJ.  
Arch Dis Child 45:114-7, Feb 70  
Lymphocyte transformation induced by autologous platelets in a case of thrombocytopenic purpura. Plessens WF, et al. Blood 36:421-7, Oct 70  
Idiopathic thrombocytopenic purpura in adults. Horta EO, et al. Bol Asoc Med P Rico 62:91-100, Mar 70  
Splenectomy in the treatment of idiopathic thrombocytopenic purpura. Brooks PL, et al.  
Brit J Surg 56:861-3, Nov 69  
Isolimmune neonatal thrombocytopenic purpura in two siblings. Seidl S, et al.  
German Med Monthly 14:496-8, Oct 69  
Splenectomy in chronic thrombocytopenic purpura. Orringer E, et al. J Chronic Dis 23:117-22, Aug 70  
Idiopathic thrombocytopenic purpura in childhood. An approach to therapy. Taylor JC.  
J Iowa Med Soc 60:94-7, Feb 70  
Burr cells: classification and effect of splenectomy. Smith CH, et al. J Pediatr 76:99-104, Jan 70  
The role of splenectomy in neonatal idiopathic thrombocytopenic purpura. Grosfeld JL, et al.  
J Pediatr Surg 5:166-71, Apr 70  
Idiopathic thrombocytopenic purpura and Kaposi's sarcoma. Turnbull A, et al.  
Proc Roy Soc Med 63:603-5, Jun 70  
[Acute lupus erythematosus occurring 5 years after splenectomy for idiopathic thrombopenic purpura. Renal involvement seen with electron microscopy] Beurey J, et al.  
Bull Soc Franc Derm Syph 77:110-2, Jul 70 (Fre)  
[A new case of neonatal thrombopenic purpura due to feto-maternal leukoplatelet allo-immunization] Streiff F, et al.  
Nouv Rev Franc Hemat 10:401-8, May-Jun 70 (Fre)  
[Chronic idiopathic thrombocytopenic purpura in the child. 28 cases] Freycon F, et al.  
Pediatrice 24:951-72, Dec 69 (Fre)  
[Etiopathogenetic and therapeutic considerations on case reports of thrombocytopenic at the Clinica Pediatrica of Genua University] Mori PG, et al.  
Minerva Pediatr 21:1900-9, 13 Oct 69 (Ita)  
[Purpura haemorrhagica thrombopenica] Tagami K.  
Jap J Clin Med 28:Suppl:1012-3, 25 Mar 70 (Jap)  
[Refractory idiopathic thrombocytopenic purpura] Kawakita Y, et al. Naika 24:1049-54, Dec 69 (Jap)  
[Immunologically conditioned thrombocytopenia] Abrahamsen AF.  
T Norsk Laegeforen 90:843-9, 1 May 70 (Nor)  
[Experience in anesthesia during surgery in children

with blood system diseases] Pugachev AG, et al.  
Probl Gemat 15:15-9, 1970 (Rus)

### URINE

Application of a modified technique to study urinary immunoglobulin light chain and whole IgG excretion in normal human subjects and patients with immune-related disorders. Bell CE Jr, et al.  
J Lab Clin Med 75:636-53, Apr 70

### VETERINARY

The occurrence of red cell isoantibodies in the sera of dams of piglets showing thrombocytopenic purpura. Linklater KA. Vet Rec 86:630-1, 23 May 70

## PURPURA, THROMBOTIC THROMBOPENIC

Microangiopathic hemolytic anemia. Brain MC.  
Ann Rev Med 21:133-44, 1970 (83 ref.)  
[On coagulation and catabolism of labelled fibrinogen during Moschcowitz's disease] Marie J, et al.  
Arch Franc Pediatr 26:226-7, Feb 69 (Fre)  
[Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)  
[Moschcowitz's disease] Savki BT, et al.  
Ter Arkh 41:120-3, 1969 (Rus)

### BLOOD

Fatal simultaneous thrombocytopenic purpura in siblings. Paz RA, et al. Brit Med J 4:727-8, 20 Dec 69  
Chronic intravascular coagulation (IFC) syndrome. Owen CA Jr, et al.  
Thromb Diath Haemorrh 36:Suppl 36:197+, 1969

### COMPLICATIONS

Cardiac conduction system: fetal and postnatal development. James TN.  
Amer J Cardiol 25:213-26, Feb 70  
Ocular findings in thrombotic thrombocytopenic purpura (Moschcowitz's disease). Percival SP.  
Brit J Ophthalm 54:73-8, Feb 70  
Thrombotic micro-angiopathy with macroscopic infarction. Tapp E, et al. J Path 97:711-7, Apr 69  
Aspirin and prednisone in microangiopathic haemolytic anaemia. Jobin F, et al. Lancet 2:208-10, 25 Jul 70  
[Syndrome of intravascular hemolysis with thrombocytopenia in late pregnancy toxemia] Radocha K, et al. Cesk Gynec 34:538-40, Nov 69 (Cze)  
[Acute renal insufficiency symptomatic of Moschcowitz's syndrome in an adult] Lelievre G, et al. Lille Med 15:961-3, Jun-Jul 70 (Fre)  
[2 cases in adults of anuria with rapidly fatal course: Moschcowitz's disease, Goodpasture's syndrome] Duplay H, et al. Marseille Med 107:159-67, 1970 (Fre)  
[Moschcowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)  
[Moschcowitz's syndrome and severe digestive hemorrhage] Oberling F, et al.  
Sem Hop Paris 46:888-92, 14 Mar 70 (Fre)  
[Syndrome of intravascular hemolysis with thrombocytopenia in late gestosis] Radochová D, et al. Sborn Ved Prac Lek Fak Karlov Univ 12:635-42, 1969 (Ger)  
[Collagen diseases and neurologic symptoms] Atarashi J, et al. Jap J Clin Med 28:488-97, 10 Mar 70 (Jap)  
[Hemolytic-uremic syndrome. Clinical study of 6 cases] Lobato O, et al.  
Rev Ass Med Brasil 15:403-10, Oct 69 (Por)  
[Moschcowitz's syndrome with thymoma] Trajković B, et al. Srpski Arh Celok Lek 97:611-5, May 69 (Ser)

### DIAGNOSIS

[Moschcowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)  
[Moschcowitz's syndrome and severe digestive hemorrhage] Oberling F, et al.  
Sem Hop Paris 46:888-92, 14 Mar 70 (Fre)  
[Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic



## PURPURA,

## SUBJECT SECTION

- anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)  
[Clinical aspects and treatment of Moschcowitz's disease] Slubaeva NI, et al. Probl Gemat 15:37-40, Mar 70 (Rus)

### DRUG THERAPY

- [Moschcowitz's syndrome and severe digestive hemorrhage] Oberling F, et al. Sem Hop Paris 46:888-92, 14 Mar 70 (Fre)

### ENZYMOLOGY

- [Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)

### ETIOLOGY

- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H. Aerospace Med 41:331-6, Mar 70 (80 ref.)  
Microangiopathic hemolytic anemia. Brain MC. Ann Rev Med 21:133-44, 1970 (83 ref.)  
Thrombotic microangiopathy associated with squamous carcinoma. Tapp E, et al. Brit Med J 4:209-10, 25 Oct 69  
The hemolytic-uremic syndrome. Edelman CM Jr. New Eng J Med 281:1072-3, 6 Nov 69  
Isolation of a microtubule from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. Mettler NE. New Eng J Med 281:1023-7, 6 Nov 69  
The collagen diseases: Clues as to their etiology. Bruetsch WL. Trans Amer Neurol Ass 94:232-4, 1969  
[Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)

### FAMILIAL & GENETIC

- Fatal simultaneous thrombocytopenic purpura in siblings. Paz RA, et al. Brit Med J 4:727-8, 20 Dec 69

### IMMUNOLOGY

- [Moschcowitz's disease] Savkl BT, et al. Ter Arkh 41:120-3, 1969 (Rus)

### MICROBIOLOGY

- Isolation of a microtubule from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. Mettler NE. New Eng J Med 281:1023-7, 6 Nov 69

### PATHOLOGY

- Significance of Aleutian disease of mink in comparative pathology. Wagner BM. Advances Vet Sci 13:219-45, 1969 (30 ref.)  
The hemolytic-uremic syndrome: a study of renal pathologic alterations. Vitsky BH, et al. Amer J Path 57:627-47, Dec 69  
Ultrastructural basis of experimental thrombocytopenic purpura. Gore I, et al. Arch Path (Chicago) 90:197-205, Sep 70  
Ocular findings in thrombotic thrombocytopenic purpura (Moschcowitz's disease). Percival SP. Brit J Ophthal 54:73-8, Feb 70  
Fatal simultaneous thrombocytopenic purpura in siblings. Paz RA, et al. Brit Med J 4:727-8, 20 Dec 69  
The haemolytic-uraemic syndrome. Trombotic thrombocytopenic purpura in an eight-year-old boy. Christoffersen P, et al. Danish Med Bull 16:252-6, Sep 69  
Thrombotic micro-angiopathy with macroscopic infarction. Tapp E, et al. J Path 97:711-7, Apr 69  
Isolation of a microtubule from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the

- United States. Mettler NE. New Eng J Med 281:1023-7, 6 Nov 69  
[2 cases in adults of anuria with rapidly fatal course: Moschcowitz's disease, Goodpasture's syndrome] Duplay H, et al. Marseille Med 107:159-67, 1970 (Fre)  
[Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)  
[Pathologic anatomy of glomerular diseases in childhood] Zollinger HU. Mschr Kinderheilk 117:311-29, Apr 69 (Ger)

### PHYSIOPATHOLOGY

- The haemolytic-uraemic syndrome. Trombotic thrombocytopenic purpura in an eight-year-old boy. Christoffersen P, et al. Danish Med Bull 16:252-6, Sep 69  
[Moschcowitz-syndrome. A contribution on the "thrombotic thrombocytopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al. Deutsch Med Wschr 94:2326-30 passim, 7 Nov 69 (Ger)

### RADIOGRAPHY

- Small bowel appearance in anaphylactoid purpura. Radiological notes. J Mount Sinai Hosp NY 36:434-9, Sep-Oct 69

### SURGERY

- Splenectomy for hematologic disorders. Schwartz SI, et al. Arch Surg (Chicago) 101:338-47, Aug 70

### THERAPY

- [Thrombotic thrombocytopenic purpura (Moschcowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. Arch Klin Med 216:267-84, 1969 (Ger)  
[Clinical aspects and treatment of Moschcowitz's disease] Slubaeva NI, et al. Probl Gemat 15:37-40, Mar 70 (Rus)

## SHWARTZMAN PHENOMENON

- Effect of dibromomannitol on the dextran-induced increase of local capillary permeability and on the anaphylactoid reaction. Lázár G. Acta Microbiol Acad Sci Hung 16:27-30, 1969  
Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. Advances Immun 10:145-227, 1969 (743 ref.)  
Disseminated intravascular coagulation. Simone JV. Advances Intern Med 15:339-55, 1969 (60 ref.)  
Sepsis in leukemia and the Schwartzman reaction. Komp DM, et al. Amer J Dis Child 119:114-6, Feb 70  
The effect of leukocyte antiserum on the generalized Schwartzman reaction. Margaretten W, et al. Amer J Path 57:299-305, Nov 69  
Biological activities of endotoxin from Bacteroides melaninogenicus. Hofstad T. Arch Oral Biol 15:343-8, Apr 70  
Platelets and the triggering mechanism of intravascular coagulation. Evensen SA, et al. Brit J Haemat 19:33-46, Jul 70  
The effect of endotoxin on the implantation of a mouse sarcoma. Tripodi D, et al. Int Arch Allerg 37:575-85, 1970  
An active interferon inducer obtained from Hemophilus influenzae type B. De Clercq E, et al. J Immun 103:899-906, Nov 69  
Requirement of the adrenal glands for provocation of the generalized Schwartzman reaction. Latour JG, et al. Lab Invest 22:281-5, Apr 70  
Haemolytic-uraemic syndrome: failure to demonstrate circulating endotoxin. Kaplan BS, et al. Lancet 2:1424-5, 27 Dec 69  
The generalized Schwartzman phenomenon in rabbits with denervated kidneys. Klassen J, et al. Proc Soc Exp Biol Med 134:980-4, Sep 70  
[Biological activity of the mucopeptide of the cell wall of the hemolytic streptococcus] Rotta J, et al. Cesk Epidem 18:265-77, Oct 69 (Cze)



- [Fatal papillary necrosis] Fillastre JP, et al. *Ann Med Intern (Paris)* 120:229-42, Apr 69 (Fre)
- [Fundamentals and clinic aspects of allergic dermatoses] Stüttgen G. *Allerg Asthmaforsch* 5:15-227, 1969 (Ger)
- [The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al. *Bibl Haemat* 32:292-7, 1969 (Ger)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. *Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Symposium: activity of endotoxin] Kasal N, et al. *Jap J Bact* 25:163-7, Mar 70 (Jap)
- [Shwartzman phenomenon] Laake K. *T Norsk Laegeforen* 90:1629-30, 1 Sep 70 (Nor)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R. *Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Generalized Shwartzman reaction] Lipiński B, et al. *Postepy Hig Med Dosw* 23:435-49, Jul-Aug 69 (59 ref.) (Pol)
- [Structure and origin of fibrinoid] Maldyk E. *Reumatologia (Warsz)* 7:185-90, 1969 (40 ref.) (Pol)

## BLOOD

- Coagulation and Shwartzman reaction. Colman RW, et al. *New Eng J Med* 281:1368, 11 Dec 69
- Coagulation and Shwartzman reaction. Hall WD. *New Eng J Med* 281:1367-8, 11 Dec 69
- [Experimental studies on the problem of the local Shwartzman phenomenon of the skin. 3. The significance of the systemic route in eliciting the reaction] Schneider KW, et al. *Arch Klin Exp Derm* 236:329-47, 1970 (Ger)

## CHEMICALLY INDUCED

- EACA and intravascular coagulation. Stewart DG. *New Eng J Med* 281:1247, 27 Nov 69
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G. *Thromb Diath Haemorrh* 36:Suppl 36:45-61, 1969

## COMPLICATIONS

- Post-partum renal failure. The generalized Shwartzman reaction. Three further cases and a review. Clarkson AR, et al. *Aust Ann Med* 18:209-16, Aug 69
- Experimentally induced retinopathies in relation to the problem of diabetes. Heath H. *Brit Med Bull* 26:151-5, May 70 (43 ref.)
- [Antifibrinolytic agents and their therapeutic use] Fischer M. *Folia Haemat (Leipzig)* 92:64-77, 1969 (Ger)
- [The possibility of participation of the Sanarelli-Shwartzman phenomenon in the pathogenesis of the hemorrhagic syndrome in radiation sickness] Volodin VM, et al. *Radiobiol Radiother (Berlin)* 10:663-71, 1969 (Ger)

## DIAGNOSIS

- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)

## ENZYMOMOLOGY

- Consumption of Hageman factor activity in the generalized Shwartzman reaction induced by liquid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al. *Thromb Diath Haemorrh* 23:386-404, 1970

## ETIOLOGY

- Shwartzman activity of endotuberculin preparations isolated from the cells of BCG substrains. Pawelec J, et al. *Acta Microbiol Pol [B]* 2:31-40, 1970
- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- The effect of leukocyte antiserum on the generalized Shwartzman reaction. Margaretten W, et al. *Amer J Path* 57:299-305, Nov 69
- Generalized Shwartzman reaction in man after a dog bite. Consumption coagulopathy, symmetrical

- peripheral gangrene, and renal cortical necrosis. Meyers BR, et al. *Ann Intern Med* 73:433-8, Sep 70
- Progress in disseminated intravascular coagulation. II. McKay DG. *Calif Med* 111:279-90, Oct 69
- Biological activity of cellular components of group A streptococci in vivo. Rotta J. *Curr Top Microbiol Immun* 48:63-101, 1969
- Shwartzman phenomenon without endotoxin preparation. Tóth S, et al. *Experientia* 25:1085-6, 15 Oct 69
- Septic shock. Management of intra-abdominal abscesses. Schwimmer D. *Minn Med* 53:389-91, Apr 70
- The role of endotoxin in disseminated intravascular coagulation. Beller FK. *Thromb Diath Haemorrh* 36:Suppl 36:125+, 1969
- Production of the Sanarelli-Shwartzman phenomenon by platelet-factor 3. Rodriguez-Erdmann F. *Thromb Diath Haemorrh* 36:Suppl 36:63-5, 1969
- [Experimental studies on the problem of the local Shwartzman phenomenon of the skin. 3. The significance of the systemic route in eliciting the reaction] Schneider KW, et al. *Arch Klin Exp Derm* 236:329-47, 1970 (Ger)
- [Experimental studies on the problem of the local Shwartzman phenomenon of the skin. IV. The influence of glucocorticoids on the passage of the endotoxin from the skin into the blood stream] Schneider KW, et al. *Arch Klin Exp Derm* 236:348-67, 1970 (Ger)
- [Observations in rejections of kidney transplants] Siedek M. *Langenbecks Arch Chir* 325:714-9, 1969 (Ger)
- [Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [Pathogenetic analogies between the dietetic generalized Shwartzman reaction and human pre-eclampsia] Gualandi L, et al. *Minerva Ginec* 22:86-9, 31 Jan 70 (Ita)

## IMMUNOLOGY

- Consumption of Hageman factor activity in the generalized Shwartzman reaction induced by liquid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al. *Thromb Diath Haemorrh* 23:386-404, 1970

## MICROBIOLOGY

- Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. *Pediatrics* 46:378-88, Sep 70

## PATHOLOGY

- Hyaline microthrombi in an autopsy material. A quantitative study with discussion of the relationship to small vessel thrombosis. Skjorten F. *Acta Path Microbiol Scand* 76:361-75, 1969
- Failure of mestranol alone or with norethynodrel to prepare for the generalized Shwartzman reaction in rats. Phillips LL, et al. *Amer J Obstet Gynec* 107:210-6, 15 May 70
- Vasomotor factors in the Shwartzman phenomenon. Lambert PB, et al. *Amer J Path* 57:559-80, Dec 69
- Post-partum renal failure. The generalized Shwartzman reaction. Three further cases and a review. Clarkson AR, et al. *Aust Ann Med* 18:209-16, Aug 69
- Shwartzman phenomenon without endotoxin preparation. Tóth S, et al. *Experientia* 25:1085-6, 15 Oct 69
- [Light- and electronmicroscopy investigations of the local Shwartzman reaction] Wirth W, et al. *Z Ges Exp Med* 151:35-54, 19 Sep 69 (Ger)
- [Changes in the rabbit skin innervation in Arthus and Shwartzman phenomenon] Lukasiak B, et al. *Przegl Derm* 57:153-8, Mar-Apr 70 (Pol)

## PHYSIOPATHOLOGY

- Role of the thyroid hormone system in suppression of anaphylaxis due to electrolytic lesion of the tubular region of the hypothalamus. Filipp G, et al. *Ann Allerg* 27:500-5, Oct 69
- [Fibrinolysis in the Shwartzman type tissue reaction] Miyazawa T. *Jap J Clin Path* 18:569-70, Aug 70 (Jap)



## PREVENTION &amp; CONTROL

- Indomethacin inhibits the local Shwartzman reaction.  
Van Arman CG, et al.  
Proc Soc Exp Biol Med 134:163-8, May 70  
The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al.  
Thromb Diath Haemorrh 36:Suppl 36:151+, 1969  
Consumption of Hageman factor activity in the generalized Shwartzman reaction induced by liquid. Its prevention by inhibition of Hageman factor activation. Müller-Berghaus G, et al.  
Thromb Diath Haemorrh 23:386-404, 1970

## THERAPY

- Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)  
[Diagnosis and therapy of generalized Shwartzman-Sanarelli phenomenon] Kreuzer K, et al.  
Zbl Gynaek 91:504-9, 19 Apr 69 (Ger)

## STREPTODORNASE AND STREPTOKINASE

- The inhibition of lymphocyte blastogenesis by L-asparaginase. Ohno R, et al. Blood 35:250-62, Feb 70  
An in vitro assay for cellular hypersensitivity in man. Rocklin RE, et al. J Immun 104:95-102, Jan 70

## ADMINISTRATION &amp; DOSAGE

- The spreading enzymes and localized edema: a study of wringer crush injury in the rabbit. Bennett JE, et al.  
J Trauma 10:240-8, Mar 70  
Enzymes for trauma. Miller RR, et al.  
Postgrad Med J 46:154-8, Mar 70 (24 ref.)

## DIAGNOSTIC USE

- [Delayed cutaneous immune reactivity in rheumatoid polyarthritis. Its changes during immunosuppressive therapy] Lermusiaux JL, et al.  
Rev Franc Etud Clin Biol 14:782-7, Oct 69 (Fre)  
[Results of tests for streptococcal infections in 1,119 school children] Oleszkiewicz J.  
Przegl Lek 25:638-40, 1969 (Pol)

## METABOLISM

- Management of pulmonary embolism. Silver D, et al.  
Med Clin N Amer 54:361-77, Mar 70 (82 ref.)  
[Mechanical and biochemical measures in the prevention of thromboembolism following prostatectomy] Schrader CP.  
Langenbecks Arch Chir 325:1088-90, 1969 (Ger)

## PHARMACODYNAMICS

- New assay of fibrinolytic activity as a continuous rate reaction. Roschlau WH, et al.  
Canad J Physiol Pharmacol 48:81-8, Jan 70  
[Thrombelastographic radiobiological studies of the blood of patients with gynecologic cancer following administration of irradiated streptokinase-streptodornase] Stamm H, et al.  
Acta Med Jugosl 23:42-9, 1969 (Ger)

## RADIATION EFFECTS

- [Thrombelastographic radiobiological studies of the blood of patients with gynecologic cancer following administration of irradiated streptokinase-streptodornase] Stamm H, et al.  
Acta Med Jugosl 23:42-9, 1969 (Ger)

## THERAPEUTIC USE

- Empyema in children: review of mayo clinic experience. Béchamps GJ, et al.  
Mayo Clin Proc 45:43-50, Jan 70  
The use of intramuscular streptokinase-streptodornase (varidase) in the management of traumatic facial edema. Sinclair JH. Oral Surg 28:800-7, Dec 69 [Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Proteolytic anti-inflammatory enzymes in dentistry]

Garcia Perla A.

Rev Esp Estomat 17:319-28, Jul-Aug 69 (Spa)

## STREPTOKINASE

- Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. Gibiński K, et al. Acta Med Pol 11:97-101, 1970  
The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
The influence of ischemia of the brain and transplanted kidney on fibrinolytic activity. Bacu I, et al.  
Arch Immun Ther Exp 18:195-200, 1970  
Studies on plasminogen. 8. Species specificity of streptokinase. Wulf RJ, et al.  
Canad J Biochem 47:927-31, Oct 69  
Interaction of human plasminogen with deoxyribonucleic acids. II. Protection of human plasminogen against catalytic activation with deoxyribonucleic acids. Hakim AA.  
Enzymologia 38:57-81, 30 Jan 70  
Establishment of immunological competence in a child with congenital thymic aplasia by a graft of fetal thymus. August CS, et al. Lancet 1:1080-3, 23 May 70  
Separation of SK-plasminogen-complex in sera and euglobulin solution of cat and monkey by gel filtration using sephadex G-200. Nitta H, et al.  
Nagoya Med J 15:93-102, Jul 69  
In vitro lymphocyte response of patients with immunologic deficiency diseases. Rocklin RE, et al.  
New Eng J Med 282:1340-3, 11 Jun 70  
Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest Suppl 107:37+, 1969  
Kininogen in human plasma after fibrinolytic activation. Hamberg U.  
Scand J Clin Lab Invest 24:Suppl 107:37+, 1969  
Studies on proactivator activity in human blood. Lauritsen OS.  
Scand J Clin Lab Invest 23:129-36, Apr 69  
Spontaneous activation of placental plasminogen (profibrinolysin). Trief NM, et al.  
Texas Rep Biol Med 27:505-11, Summer 69  
Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD.  
Thromb Diath Haemorrh 23:486-99, 30 Jun 70  
Diffusion characteristics of human plasminogen (as shown by two agar diffusion techniques). Stuckey RJ, et al. Thromb Diath Haemorrh 22:240-50, 15 Nov 69  
Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation. Van Aken WG, et al.  
Thromb Diath Haemorrh 22:496-507, 31 Dec 69  
Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.  
Thromb Diath Haemorrh 36:Suppl 36:83-97, 1969  
Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Young MC, et al.  
Thromb Diath Haemorrh 23:50-7, 28 Feb 70  
[Comparative clinical-pharmacological studies on synthetic antifibrinolytic agents] Markwardt F, et al.  
Folia Haemat (Leipzig) 92:78-83, 1969 (Ger)  
[The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.  
Thromb Diath Haemorrh 22:377-90, 15 Nov 69 (Ger)  
[Progress in serological detection of hemolytic streptococcal infections] Kumagai N.  
Jap J Clin Med 28:1662-71, Jun 70 (76 ref.) (Jap)  
[Difference between serum and euglobulin in the determination of fibrinolytic activity by streptokinase: differences of fibrinolytic activity in various diseases] Miyatani K, et al.  
Jap J Clin Path 18:512-4, Jul 70 (Jap)  
[Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al.  
Jap J Clin Path 18:545-9, Aug 70 (Jap)  
[Thrombin-streptokinase test] Aznar J, et al.  
Sangre (Barc) 15:269-74, 1970 (Spa)

## ADMINISTRATION &amp; DOSAGE

- Streptokinase therapy in acute major pulmonary embolism. Amer Heart J 79:574-8, Apr 70  
The problems of thrombosis in the deep veins of the leg. Kakkar VV.  
Ann Roy Coll Surg Eng 45:257-76, Nov 69



# SUBJECT SECTION

## STREPTOKINASE

### ANALYSIS

- Partial purification and properties of urokinase inhibitor from human placenta. Kawano T, et al. *J Biochem (Tokyo)* 67:333-42, Mar 70
- [Studies on fluidity of blood on the basis of fibrinolysis. 6. Relationship of fluidity to plasmin of blood in sudden and instantaneous deaths and also those from asphyxiation] Ueno S. *Jap J Leg Med* 23:98-116, Mar 69 (Jap)
- [Effect of bicillin on biological and serological properties of Streptococcus (based on clinical data)] Labinskala AS, et al. *Antibiotiki* 14:767-70, Aug 69 (Rus)

### ANTAGONISTS & INHIBITORS

- Biological activities of leupeptins. Aoyagi T, et al. *J Antibiot (Tokyo)* 22:558-68, Nov 69
- [Rheumatoid arthritis and the determination of some antistreptococcal antibodies] Romito S, et al. *Fracastoro* 62:626-9, Nov-Dec 69 (Ita)
- [Study of the antibody response during scarlet fever] Medina F, et al. *G Mal Infett* 21:734-9, Sep 69 (Ita)

### BLOOD

- Rheumatic heart disease from the standpoint of streptococcal antibodies. Kumagai N. *Jap Circ J* 33:1505-9, Dec 69
- Studies on the interaction between streptokinase and fibrinolytic precursor in human blood applying gel filtration. Sugie I, et al. *Nagoya Med J* 15:103-12, Jul 69
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. *Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)
- [Pharmacokinetics of I-131 streptokinase in humans] Pfeifer GW, et al. *Klin Wschr* 47:482-6, 1 May 69 (Ger)
- [Clinical studies on alpha 2-macroglobulin. Serum antifibrinolytic activity and alpha 2-macroglobulin] Ando H. *J Jap Soc Intern Med* 59:329-39, Apr 70 (Jap)
- [Blood streptase in the diagnosis of rheumocarditis in patients suffering from cardiac failure at remote postoperative periods] Golubev IS, et al. *Klin Med (Moskva)* 48:21-6, Jan 70 (Rus)

### DIAGNOSTIC USE

- [Difference between serum and euglobulin in the determination of fibrinolytic activity by SK-method; evaluation of determination methods for the fibrinolytic activity] Miyatani K, et al. *Jap J Clin Path* 18:447-50, Jun 70 (Jap)
- [Our experience with pericarditis in children] Jurko A, et al. *Cesk Pediat* 25:267-70, Jun 70 (Slo)

### METABOLISM

- The effect of a fibrinolytic agent on vitreous hemorrhage in rabbits. Maberley AL, et al. *Canad J Ophthal* 5:55-64, Jan 70
- [Fibrinolysis: kinetics of the lysis of a fibrin clot] Dayer J, et al. *Rev Europ Etud Clin Biol* 15:333-42, Mar 70 (Fre)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. *Geburtsh Frauenheilk* 30:337-47, Apr 70 (Ger)
- [Pharmacokinetics of I-131 streptokinase in humans] Pfeifer GW, et al. *Klin Wschr* 47:482-6, 1 May 69 (Ger)

### PHARMACODYNAMICS

- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al. *Amer J Clin Path* 54:239-48, Aug 70
- Failure of cytotoxic drugs to suppress immune responses of patients with rheumatoid arthritis. Denman EJ, et al. *Ann Rheum Dis* 29:220-31, May 70
- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. *Brit J Haemat* 17:445-53, Nov 69
- New assay of fibrinolytic activity as a continuous rate reaction. Roschlaw WH, et al. *Canad J Physiol Pharmacol* 48:61-8, Jan 70
- The role of the arterial wall in the mechanism of thrombosis and lysis. Experimental study. Courbier R, et al. *J Cardiovasc Surg (Torino)* 10:355-61, Sep-Oct 69
- Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. *J Lab Clin Med* 75:93-108, Jan 70
- Activity of kinin-releasing enzymes in the mammary

- Evaluation of a standard dosage schedule with streptokinase. Hirsh J, et al. *Blood* 35:341-9, Mar 70
- Massive pulmonary embolism--medical management. Miller GA. *Brit Med J* 2:777-8, 27 Jun 70
- Thrombolytic agents and lysis of coronary artery thrombosis. Moschos CB, et al. *Cardiovasc Res* 4:228-34, Apr 70
- Streptokinase in chronic arterial occlusive disease. Martin M, et al. *JAMA* 211:1169-73, 16 Feb 70
- Thrombolytic effect of urokinase on artificial thrombi in vitro. Suyama T, et al. *Kobe J Med Sci* 15:137-47, Sep 69
- Selection of patients with pulmonary embolism for thrombolytic therapy. Kakkar VV, et al. *Lancet* 2:237-41, 1 Aug 70
- Treatment of deep vein thrombosis. Kakkar VV. *Proc Roy Soc Med* 63:133-5, Feb 70
- Measurement during fibrinolytic therapy. McNicol GP. *Proc Roy Soc Med* 62:1131-3, Nov 69
- The surgical aspects of deep vein thrombosis. Mavor GE, et al. *Proc Roy Soc Med* 63:126-31, Feb 70
- Comparison between the changes in the plasma fibrinogen and plasminogen levels induced by a moderate or high initial dose of streptokinase. Amery A, et al. *Thromb Diath Haemorrh* 23:504-12, 30 Jun 70
- [Streptokinase in the management of heart infarct] Vermeulen HJ, et al. *Nederl T Geneesk* 114:1159-60, 4 Jul 70 (Dut)
- [Studies on an antihistaminic-like effect of streptokinase on isolated guinea pig ileum] Fischer G. *Arzneimittelforschung* 19:2017-20, Dec 69 (Ger)
- [Kinin liberation from human plasma by streptokinase] Fischer G, et al. *Arzneimittelforschung* 20:580-4, Apr 70 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [On the treatment of myocardial infarct with special reference to fibrinolytic substances] Heinrich HG. *Folia Haemat (Leipzig)* 92:38-45, 1969 (Ger)
- [Dosage and duration of the streptokinase treatment in myocardial infarct. Preliminary report] Weller P, et al. *Folia Haemat (Leipzig)* 92:33-7, 1969 (Ger)
- [Quick test for the determination of the initial dose of streptokinase] Leube G, et al. *Med Welt* 40:2181-3, 4 Oct 69 (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Case of lung embolism treated with streptokinase] Arnesen H, et al. *T Norsk Laegeforen* 90:1470-2, 15 Jul 70 (Nor)

### ADVERSE EFFECTS

- The problems of thrombosis in the deep veins of the leg. Kakkar VV. *Ann Roy Coll Surg Eng* 45:257-76, Nov 69
- Streptokinase in chronic arterial occlusive disease. Martin M, et al. *JAMA* 211:1169-73, 16 Feb 70
- Streptokinase therapy in acute major pulmonary embolism. Chesterman CN, et al. *Med J Aust* 2:1096-100, 29 Nov 69
- [Adverse effects of Streptokinase therapy in myocardial infarcts] Baumann G. *Deutsch Med Wschr* 94:2296-7, 31 Oct 69 (Ger)
- [Atypical massive intracerebral hemorrhage] Grote E, et al. *Deutsch Z Nervenheilk* 197:66-76, 29 Dec 69 (Ger)
- [Changes in the area of the chemical parameters during streptokinase infusion] Amery A, et al. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Acute meningitis and subarachnoid hemorrhage during streptokinase therapy] Hankowitz M, et al. *Psychiat Neurol Med Psychol (Leipzig)* 21:343-5, Sep 69 (Ger)
- [Lysis of thrombi and emboli by means of streptokinase. I. Activation of fibrinolysis, mechanism of plasmin activity, indications and contra-indications, treatment principles] Janda R, et al. *Przegl Lek* 25:701-5, 1969 (Pol)
- [Thrombolytic therapy. II] Sterkowicz S. *Przegl Lek* 25:698-701, 1969 (56 ref.) (Pol)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al. *Kardiologija* 9:88-95, Jul 69 (Rus)
- [Thrombolytic treatment of acute venous thrombosis--and health care costs] Leonhardt T, et al. *Lakartidningen* 67:586-8, 4 Feb 70 (Swe)



- gland of rats administered with hormones and bacterial extracts. Motol Y, et al.  
Nat Inst Anim Health Quart (Tokyo) 10:26-33, Spring 70
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.  
Scand J Clin Lab Invest Suppl 107:143+, 1969
- Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Bygdeman S, et al.  
Scand J Clin Lab Invest 24:Suppl 107:143+, 1969
- Cytoplasmic microtubules and radial-segmented nuclei (Rieder cells). Effects of vinblastine, sulfhydryl reagents, heparin and caffeine. Norberg B.  
Scand J Haemat 6:312-8, 1969
- 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid a new potent antifibrinolytic agent. Its evaluation by in vitro assay procedures. Baumgarten W, et al.  
Thromb Diath Haemorrh 22:263-72, 15 Nov 69
- The role of endotoxin in disseminated intravascular coagulation. Beller FK.  
Thromb Diath Haemorrh 36:Suppl 36:125+, 1969
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
Thromb Diath Haemorrh 23:58-63, 28 Feb 70
- The purification of fibrinogen degradation products by pevikon block electrophoresis. Marder VJ, et al.  
Thromb Diath Haemorrh 22:234-9, 15 Nov 69
- [The influence of streptokinase upon some functions of blood platelets] Donner L, et al.  
Sborn Lek 72:57-62 passim, Mar 70 (Cze)
- [Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al.  
Nouv Rev Franc Hemat 9:575-7, Jul-Aug 69 (Fre)
- [Studies on an antihistaminic-like effect of streptokinase on isolated guinea pig ileum] Fischer G.  
Arzneimittelforschung 19:2017-20, Dec 69 (Ger)
- [Kinin liberation from human plasma by streptokinase] Fischer G, et al.  
Arzneimittelforschung 20:580-4, Apr 70 (Ger)
- [Endogenous and exogenous fibrinolysis] Perlick E, et al.  
Folia Haemat (Leipzig) 92:28-32, 1969 (Ger)
- [Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)
- [Blastic transformation of lymphocytes in culture in presence of a streptococcal antigen (streptokinase) at various ages of life] Biscatti G, et al.  
Boll Soc Ital Biol Sper 45:49-50, 15 Jan 69 (Ita)
- [Cutaneous reaction and lymphocyte transformation induced with streptokinase and plant agglutinins during measles] Biscatti G, et al.  
Boll Soc Ital Biol Sper 45:48-8, 15 Jan 69 (Ita)
- [On the mechanism of the thrombolytic action of streptokinase: penetration of the streptokinase into clots] Bizzi B, et al.  
Minerva Med 60:4918-22, 8 Dec 69 (Ita)
- [Inactivation of adrenocorticotrophic hormone (ACTH). I. Inactivation of ACTH in the normal human plasma, and relationship between the structure and stability of ACTH] Matsuyama H.  
Folia Endocr Jap 45:163-72, 20 May 69 (Jap)
- [Inactivation of adrenocorticotrophic hormone (ACTH). 3. Inactivation of ACTH by tissues] Matsuyama H.  
Folia Endocr Jap 45:181-8, 20 May 69 (Jap)
- [Studies on the activation mechanism of fibrinolysis by dextran sulphate] Mihara H, et al.  
J Physiol Soc Jap 32:25-34, Jan 70 (Jap)
- [Antibody resistance to streptokinase among the population of Porto Alegre] Zanonato A.  
Hospital (Rio) 76:1497-507, Oct 69 (Por)
- [Inhibitor of fibrinolysis from pancreas pantyprin] Lakin KM, et al.  
Farmakol Toksik 32:712-5, Nov-Dec 69 (Rus)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al.  
Kardiologiya 9:88-95, Jul 69 (Rus)
- [Cytotoxic effect of microbe allergens on leukocytes of patients with infectious allergic rhinosinusopathies] Vizrenko LV.  
Zh Ushn Nos Gori Bolez 29:50-4, Jul-Aug 69 (Rus)
- PHYSIOLOGY**
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al.  
Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- THERAPEUTIC USE**
- Experimental thrombolysis by perfusion. II.
- Comparative study on the effect of streptokinase, urokinase and plasmin. Egeblad K, et al.  
Acta Chir Scand 135:486-90, 1969
- The control of plasminogen and plasmin during thrombolytic therapy. Blix S.  
Acta Med Scand 186:479-82, Nov 69
- Single-blind randomised multicentre trial comparing heparin and streptokinase treatment in recent myocardial infarction. Amery A, et al.  
Acta Med Scand [Suppl] 505:Suppl 505:1+, 1969
- Streptokinase therapy in acute major pulmonary embolism. Amer Heart J 79:574-8, Apr 70
- The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)
- Recent developments in antithrombotic therapy. Wright IS. Ann Intern Med 71:823-31, Oct 69 (30 ref.)
- Special indications for gelatin plasma substitutes in gynecology. Pfeiffer GW. Bibi Haemat 33:534-5, 1969
- Deep vein thrombosis: medical management. Flute PT.  
Brit Med J 4:678-80, 13 Dec 69
- Cost of treatment. Jouhar AJ. Brit Med J 2:794, 27 Jun 70
- Deep vein thrombosis: surgical management. Mavor GE. Brit Med J 4:680-2, 13 Dec 69
- Intravascular fibrinolysis in the treatment of third-degree burns. Weber G, et al.  
German Med Monthly 14:592 passim, Dec 69
- Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs. Safar J, et al.  
J Surg Res 9:649-56, Nov 69
- Streptokinase in acute pulmonary embolism. Gurewicz V, et al.  
J Thorac Cardiovasc Surg 59:655-61, May 70
- Streptokinase in chronic arterial occlusive disease. Martin M, et al.  
JAMA 211:1169-73, 16 Feb 70
- Streptokinase for pulmonary embolism. Carmichael JH, et al.  
Lancet 2:418-9, 22 Aug 70
- Selection of patients with pulmonary embolism for thrombolytic therapy. Kakkar VV, et al.  
Lancet 2:237-41, 1 Aug 70
- Thrombolytic therapy in pulmonary embolism. Kakkar VV, et al.  
Lancet 2:610, 19 Sep 70
- Intra-abdominal bleeding complicating peritoneal dialysis. Ladefoged J, et al.  
Lancet 1:190, 24 Jan 70
- Streptokinase for pulmonary embolism. Thomas DP.  
Lancet 2:418, 22 Aug 70
- Streptokinase for pulmonary embolism.  
Lancet 2:253-4, 1 Aug 70
- Streptokinase therapy in acute major pulmonary embolism. Chesterman CN, et al.  
Med J Aust 2:1096-100, 29 Nov 69
- Arterial thrombosis in a patient with chronic thrombocytopenia. Successful treatment with intra-arterial infusion of streptokinase. Hirsh J, et al.  
Med J Aust 2:1304-6, 27 Dec 69
- Thrombolytic therapy in acute myocardial infarction. Med J Aust 2:348, 22 Aug 70
- The management of pulmonary embolism. Gibson R. Practitioner 204:262-7, Feb 70
- Measurement during fibrinolytic therapy. McNicol GP. Proc Roy Soc Med 62:1131-3, Nov 69
- The activator time. A method for control of activator activity during thrombolytic therapy. Blix S.  
Scand J Haemat 6:221-6, 1969
- Therapeutic aspects of disseminated intravascular coagulation. Lasch HG.  
Thromb Diath Haemorrh 36:Suppl 36:281+, 1969
- The use of streptokinase infusions for arteriovenous shunt de clotting. Cocke TB, et al.  
Trans Amer Soc Artif Intern Organs 16:292-6, 1970
- The treatment of clotted Quinton-Scribner cannulae by thrombolysis infusion. Rashid A, et al.  
Vasc Surg 4:30-8, Mar 70
- [Streptokinase] Jaroš Z.  
Vnitřní Lek 16:923-4, Sep 70 (Cze)
- [A new case of retinal arterial obliteration re-permeabilized with streptokinase] Coscas G, et al.  
Bull Soc Ophthal Franc 70:59-62, Jan 70 (Fre)
- [Treatment of acute arterial obstructions of the limbs] Cormier JM, et al.  
J Chir (Paris) 98:101-28, Jul-Aug 69 (Fre)
- [Fibrinolytic treatment of cerebral thromboembolism] Castellano F, et al.  
Neurochirurgie 16:81-8, Jan-Feb 70 (Fre)
- [Treatment of acute arterial obstructions in the limbs] Detric P. Presse Med 78:373-4, 14 Feb 70 (Fre)
- [Thrombolytic therapy in acute arterial occlusions] Ehringer H, et al.  
Deutsch Med Wschr 95:610-5 passim, 20 Mar 70 (Ger)
- [Guidelines and results of consequent fibrinolytic



## SUBJECT SECTION

- therapy in phlegmasia cerulea dolens] Paquet KJ, et al. *Deutsch Med Wschr* 95:903-4, 17 Apr 70 (Ger)
- [Therapy of acute venothrombosis in the leg] Philippen R, et al. *Deutsch Med Wschr* 95:961-3, 24 Apr 70 (Ger)
- [Thrombolytic therapy] Schlimpf K. *Deutsch Med Wschr* 94:2292-4, 31 Oct 69 (Ger)
- [Late results of thrombolytic treatment of chronic arterial occlusion] Schoop W, et al. *Deutsch Med Wschr* 95:1827-9, 4 Sep 70 (Ger)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [The effect of various drugs in clinical use on thrombocyte functions] Vogel G, et al. *Folia Haemat (Leipzig)* 92:518-23, 1969 (Ger)
- [Angiographic findings in chronic arterial occlusive disease before and after streptokinase treatment] Zeitler E, et al. *Fortschr Roentgenstr* 111:498-510, Oct 69 (Ger)
- [Anticoagulants in pregnancy and puerperium] Ludwig H. *Geburtsh Frauenheilk* 30:337-47, Apr 70 (Ger)
- [Intensive therapy in shock] Lasch HG, et al. *Internist (Berlin)* 10:234-9, Jun 69 (Ger)
- [Clinical aspects of thrombolytic therapy] Schmutzler R. *Internist (Berlin)* 10:21-9, Jan 69 (38 ref.) (Ger)
- [Thrombolytic treatment of acute vascular occlusions in ophthalmology] Lohse K, et al. *Klin Mbl Augenheilk* 154:167-74, Feb 69 (Ger)
- [Influence of anticoagulants and streptokinase on the course of acute myocardial infarct] Hiemeyer V, et al. *Klin Wschr* 47:371-5, 1 Apr 69 (Ger)
- [Conservative therapy of pulmonary embolism] Lasch HG. *Langenbecks Arch Chir* 325:1052-60, 1969 (Ger)
- [Anticoagulant therapy. II. (Possibilities and limits)] Fischer M. *Med Welt* 14:620-6, 4 Apr 70 (Ger)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Modern therapy of thromboembolism] Schmutzler R. *Med Welt* 12:467-77, 21 Mar 70 (46 ref.) (Ger)
- [Treatment of acute myocardial infarct] Pippig L. *Munchen Med Wschr* 112:639-51, 3 Apr 70 (93 ref.) (Ger)
- [Fibrinolytics. 46] Wagler M. *Pharm Prax* 6:141-2, 1970 (25 ref.) (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity] Fischer M. *Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)
- [Thrombolytic treatment in phlebothrombosis] Schmutzler R. *Verh Deutsch Ges Kreislaufforsch* 34:310-5, 1968 (Ger)
- [Thrombolytic treatment in chronic occlusive arteriopathies] Schoop W, et al. *Verh Deutsch Ges Kreislaufforsch* 34:346-51, 1968 (Ger)
- [The electrocardiogram before and after streptokinase therapy of chronic obliterative arterial disease] Köhler M, et al. *Z Kreislaufforsch* 58:1154-62, Nov 69 (Ger)
- [Diagnosis and therapy of generalized Schwartzman-Sanarelli phenomenon] Kreuzer K, et al. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)
- [Clinical and therapeutic observations on migrating thrombophlebitis] Terreni F, et al. *Osped Ital Chir* 21:135-41, Aug 69 (Ita)
- [Thrombosis therapy with streptokinase] Blix S. *T Norsk Laegeforen* 90:1292-3, 15 Jun 70 (Nor)
- [Fibrinolysis and fibrinolytic therapy] Blix S. *T Norsk Laegeforen* 90:273-6, 25 Jan 70 (Nor)
- [Thrombolytic therapy for thrombosis of deep veins of the upper extremity (Paget-Schroetter syndrome)] Kus H, et al. *Pol Przegl Chir* 41:1371-6, Oct 69 (Pol)
- [Thrombolytic treatment of arterial occlusion (in the light of 2 observed cases)] Król W, et al. *Pol Tyg Lek* 25:489-91, 6 Apr 70 (Pol)
- [Dissolution of thrombi and emboli with streptokinase. II. Our clinical material] Janda R, et al. *Przegl Lek* 25:748-52, 1969 (Pol)
- [Lysis of thrombi and emboli by means of streptokinase. I. Activation of fibrinolysis, mechanism of plasmin activity, indications and contra-indications, treatment principles] Janda R, et al. *Przegl Lek* 25:701-5, 1969 (Pol)
- [Thrombolytic therapy. II] Sterkowicz S. *Przegl Lek* 25:698-701, 1969 (56 ref.) (Pol)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al. *Kardiologija* 9:88-95, Jul 69 (Rus)
- [Thrombolytic treatment of acute venous

- thrombosis--and health care costs] Leonhardt T, et al. *Lakartidningen* 67:586-8, 4 Feb 70 (Swe)
- [Thrombolytic treatment: Streptokinase in acute venous thrombosis of the extremities] Robertson B. *Lakartidningen* 66:3817-26, 17 Sep 69 (Swe)
- [Current therapy of thromboembolism with thrombolytic agents] Radojčić B, et al. *Vojnosanit Pregl* 26:350-4, Jul-Aug 69 (Cro)

### URINE

- [Pharmacokinetics of I-131 streptokinase in humans] Pfeifer GW, et al. *Klin Wschr* 47:482-6, 1 May 69 (Ger)

### THROMBELASTOGRAPHY

- Effects of plasmin on human platelets. Fukutake K, et al. *Acta Haemat Jap* 32:58-62, Feb 69
- Thrombelastographic studies in polycythaemia vera. Nagy G, et al. *Acta Med Acad Sci Hung* 26:271-4, 1969
- Microcalorimetry of the processes of coagulation in normal conditions and after exposure to a constant magnetic field. Plruzyan LA, et al. *Aerospace Med* 40:1140-1, Oct 69
- Coagulation and metabolic changes during hemorrhagic shock. Bit-Alkhas Irani B, et al. *Angiology* 21:161-71, Mar 70
- Choline and hemophilia. Boudreaux HB. *Bibl Haemat* 34:69-72, 1970
- Animal experiments on the effect of colloidal plasma substitutes in hemorrhagic shock in the dog. Lutz H. *Bibl Haemat* 33:232-47, 1969
- Comparative studies on the influence of plasma substitutes on coagulation in vivo. Müller KH. *Bibl Haemat* 33:434-51, 1969
- Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemaccel and Rheomacrodex. Trede M. *Bibl Haemat* 33:553-68, 1969
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al. *Biochim Biophys Acta* 194:449-61, 23 Dec 69
- Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation. Henderson KW, et al. *Brit J Haemat* 17:445-53, Nov 69
- Influence of prostaglandins E1 and E2 on coagulation of rat blood. Kloeze J. *Experientia* 26:307-8, 15 Mar 70
- Ellagic acid induced thrombelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. *Haemat Lat* 12:143-54, Apr-Jun 69
- Thrombelastographic studies on coagulation under influence of antigen-antibody reactions. Yoshida T, et al. *Int Arch Allerg* 38:627-34, 1970
- Alterations in coagulation and fibrinolytic mechanisms in acute trauma. Attar S, et al. *J Trauma* 9:939-65, Nov 69
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70
- Enhancement of fibrinolysis and blood clotting: role of microvascular changes. Holemans R, et al. *Med Exp (Basel)* 18:299-307, 1968
- Altered platelet function in newborns. Mull MM, et al. *Pediat Res* 4:229-37, May 70
- Disturbances of blood coagulation in acute pancreatitis. Florkiewicz H, et al. *Pol Med J* 8:1292-6, 1969
- Hemostasis, blood coagulation, and isobutyl cyanoacrylate tissue adhesive. Gollub S, et al. *Surg Gynec Obstet* 130:3-10, Jan 70
- Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study. Abels J, et al. *Thromb Diath Haemorrh* 23:340-6, 1970
- Blood coagulation changes in hemorrhagic shock and acidosis. Broersma RJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:171-6, 1969
- Disseminated intravascular coagulation in shock. Hardaway RM ed. *Thromb Diath Haemorrh* 36:Suppl 36:159-+, 1969
- Virus infection and blood coagulation. Linder M, et al. *Thromb Diath Haemorrh* 23:1-11, 28 Feb 70
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al. *Thromb Diath Haemorrh* 23:477-85, 30 Jun 70
- Consumption coagulopathy in obstetrics and gynecology. Steichele DF. *Thromb Diath Haemorrh* 36:Suppl 36:177-+, 1969
- Fibrin crosslinking demonstrated by thrombelastography. Tyler HM. *Thromb Diath Haemorrh* 22:398-400, 15 Nov 69



# SUBJECT SECTION

- Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Wasantapruak S, et al.
- Thromb Diath Haemorrh 36:Suppl 36:319+, 1969
- [Influence of chronic radiation on the results of thrombelastographic examinations (TEG)] Křiklavá J, et al. Cas Lek Cesk 109:761-3, Jul 70 (Cze)
- [Circulating anticoagulant against the 1st phase of blood coagulation] Donner L, et al. Vnitřní Lek 15:896-904, Sep 69 (Cze)
- [Liberation by hypotonic shock of procoagulant platelet factors. Value of thrombelastography] Plouvier SR, et al. Agressologie 10:33-43, Jan-Feb 69 (Fre)
- [Comparative kinetic study of erythrocyte sedimentation, blood clot retraction and thrombelastograms] Plouvier SR, et al. Agressologie 10:371-82, Sep-Oct 69 (Fre)
- [The place of heparin in the treatment of homograft rejection] Baille Y, et al. Marseille Med 107:89-104, 1970 (Fre)
- [Puerperal psychoses] Morin P, et al. Phlebologie 23:17-9, Jan-Mar 70 (Fre)
- [Comparative in vitro effects of industrial macromolecules on blood coagulation factors] Migne J, et al. Rev Franc Transfus 12:Suppl:427-38, 1969 (Fre)
- [Thrombelastographic radiobiological studies of the blood of patients with gynecologic cancer following administration of irradiated streptokinase-streptodornase] Stamm H, et al. Acta Med Jugosl 23:42-9, 1969 (Ger)
- [Thrombelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protaminsulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al. Agressologie 10:65-71, Jan-Feb 69 (Ger)
- [Effect of chelate-forming potassium-magnesium-d,l-asparaginates on thrombocytic function and blood coagulation] Ruhstrat K, et al. Arzneimittelforschung 19:1566-71, Sep 69 (Ger)
- [Blood coagulation disorders due to fractures] Schulz W, et al. Beitr Klin Chir 218:136-44, Apr 70 (Ger)
- [Consumption coagulopathy] Holzknecht F. Deutsch Med Wschr 95:1277-8, 5 Jun 70 (Ger)
- [Consumption coagulopathy] Holzknecht F. Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)
- [Moschcowitz-syndrome. A contribution on the "thrombotic thrombopenic purpura" with coagulation-physiological and pathologic-anatomical studies] Lechler E, et al. Deutsch Med Wschr 94:2326-30 passim, 7 Nov 69 (Ger)
- [Antifibrinolytic agents and their therapeutic use] Fischer M. Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)
- [In vitro studies on urokinase] Fischer M, et al. Folia Haemat (Leipzig) 92:51-6, 1969 (Ger)
- [Animal experiment methods for the testing of fibrinolytic and antifibrinolytic agents] Klöcking HP, et al. Folia Haemat (Leipzig) 92:84-9, 1969 (Ger)
- [Experimental study on the effect of anticoagulants on thrombocyte agglutination] Merkulov MP, et al. Folia Haemat (Leipzig) 92:529-32, 1969 (Ger)
- [Long-term treatment of hemophilia A with plasma fractions] Mey U, et al. Folia Haemat (Leipzig) 93:357-62, 1970 (Ger)
- [Clinical studies in therapy using coagulation-active plasma concentrates] Perlick E. Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)
- [On the combined effect of PAMBA and contrykal] Richter M, et al. Folia Haemat (Leipzig) 92:90-2, 1969 (Ger)
- [The effect of snake toxin (haemarcin) on thrombocyte function] Rogner G, et al. Folia Haemat (Leipzig) 92:536-45, 1969 (Ger)
- [The effect of various drugs in clinical use on thrombocyte functions] Vogel G, et al. Folia Haemat (Leipzig) 92:518-23, 1969 (Ger)
- [Preparation and therapeutic use of platelet concentrates] Wegner H, et al. Folia Haemat (Leipzig) 92:582-7, 1969 (Ger)
- [New data of biochemical experiments on prothrombin activation] Groben HD. Hippokrates 41:264-5, Jun 70 (Ger)
- [Quick test for the determination of the initial dose of streptokinase] Leube G, et al. Med Welt 40:2181-3, 4 Oct 69 (Ger)
- [Modification of certain parameters of blood coagulation by peritoneal dialysis] Ströder J, et al. Mschr Kinderheilk 117:357-60, Apr 69 (Ger)
- [Etiology of hemophilia. New aspects of factor VIII deficiency] Marcsek M, et al. München Med Wschr 112:1377-80, 24 Jul 70 (Ger)
- [Thrombopathy in May-Hegglin anomaly] Beck EA, et al. Schweiz Med Wschr 100:330-3, 14 Feb 70 (Ger)
- [2 patients with congenital factor XIII deficiency. Contribution to the problem of factor XIII determination] Egbring R, et al. Thromb Diath Haemorrh 23:313-39, 1970 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al. Thromb Diath Haemorrh 23:369-85, 1970 (Ger)
- [Determination of steroid elimination and blood coagulation during normal and toxemic pregnancy] Gáti I, et al. Zbl Gynaek 91:777-82, 14 Jun 69 (Ger)
- [Blood coagulation changes studied by means of thrombelastography in various neoplastic manifestations during medical, surgical, and radiotherapy] Barlattani M, et al. Clin Ter 49:221-58, May 69 (Ita)
- [Behavior of the thromboelastogram (TEG) in arteriosclerotic subjects treated with natural mucopolysaccharide substances] Garbagnati N, et al. Clin Ter 50:125-31, 31 Jul 69 (Ita)
- [Use of the thromboelastograph for registration of the time of euglobulin lysis in normal rats and those with experimentally modified fibrinolysis] Prino G, et al. Farmaco [Prat] 24:552-61, Sep 69 (Ita)
- [Various aspects of blood coagulation in chronic pancreatitis with special reference to the antithrombin test] Facchini G, et al. G Clin Med 50:75-89, Jan 69 (Ita)
- [Action of adrenaline on blood coagulation. Thrombelastographic study] Rubegni M, et al. G Geront 17:757-64, Aug 69 (Ita)
- [Role of the blood platelets in blood hypercoagulability induced by adrenaline] Rubegni M, et al. G Geront 17:837-43, Sep 69 (Ita)
- [Vessels pathology in the puerperium] Schiatti E, et al. Minerva Ginec 21:23-34, 15 Jan 69 (Ita)
- [Control and regulation of fibrinolysis in patients with arteriopathies by the use of an extractive mucopolysaccharide complex] Centonza D, et al. Minerva Med 60:Suppl 99:5023+, 12 Dec 69 (Ita)
- [Humoral study of the therapeutic action of an arterial wall extract in arteriosclerotic obstructive arteriopathies] Citone G, et al. Minerva Med 61:3499-506, 25 Aug 70 (Ita)
- [Thromboelastographic findings in occlusive retinal syndromes] De Biasi R, et al. Minerva Oftal 11:117-9, Jul-Aug 69 (Ita)
- [Thrombodynamographic study on the behavior of the blood coagulation process in patients treated with cobalt teletherapy] Casassa PM, et al. Minerva Radiol 13:65-75, Jan-Feb 68 (Ita)
- [Case of thrombocytopenia during pregnancy] Mauro R, et al. Rass Int Clin Ter 48:478-82, 30 Apr 68 (Ita)
- [Thrombelastographic studies on blood coagulation during antigen-antibody reaction] Yoshida H. Jap J Allerg 19:82-90, Feb 70 (Jap)
- [Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al. Jap J Clin Path 18:545-9, Aug 70 (Jap)
- [Blood coagulability in coronary sclerosis--results of thrombelastography] Toyama S, et al. Saishin Igaku 25:951-6, Apr 70 (Jap)
- [Effect of splenectomy on surgical blood incompetency] Sunada T, et al. Surg Ther (Osaka) 21:261-70, Sep 69 (Jap)
- [A case of urinary tract hemorrhage in a child with hemophilia A treated with cryoprecipitate AHG] Foityn H, et al. Pediat Pol 44:1155-7, Sep 69 (Pol)
- [Thromboplastic activity of the leukemic eosinophils] Lisiewicz J, et al. Pol Arch Med Wewnet 44:127-33, Feb 70 (Pol)
- [Thromboelastographic examination of blood coagulation and fibrinolysis during ether anesthesia] Zimnicki Z. Pol Przegl Chir 42:340-6, Apr 70 (Pol)
- [Blood clotting disorders in experimental endotoxic shock] Bielski J, et al. Pol Tyg Lek 24:1384-6, 9 Sep 69 (Pol)
- [Thrombelastographic studies of the blood in patients



- with tetanus] Caban J, et al.  
Pol Tyg Lek 24:1720-2, 1 Oct 69 (Pol)
- [Behavior of certain parameters of blood coagulation in cholesterol- and caffeine-fed rabbits] Korolko A, et al.  
Pol Tyg Lek 25:473-5, 6 Apr 70 (Pol)
- [Blood coagulation system in thrombelastographic findings in bronchial asthma] Zola-Sieczek E, et al.  
Pol Tyg Lek 25:1083-5, 20 Jul 70 (Pol)
- [Value of certain studies of the hemostatic system in the diagnosis of hemophilia] Wichert K.  
Roczn Pom Akad Med Swierczewski 15:329-43, 1969 (Pol)
- [Value of hyperlipemia, of the electrocardiogram after exercise and of the thrombelastogram in evaluation of the "potential" coronary case] Georgescu N, et al.  
Med Intern (Bucur) 20:679-84, Jun 68 (Rum)
- [Effect of aortic extracts on blood coagulation and fibrinolysis] Papilian M, et al.  
Stud Cercet Med Intern 10:431-8, 1969 (Rum)
- [Some peculiarities of the thrombelastogram in pregnancy and puerperium] Terskaia LV.  
Akush Ginek (Moskva) 45:63-5, Nov 69 (Rus)
- [Diagnostic value of the thrombelastogram (TEG) in arteriosclerosis and hypertension disease] Amanasob K. Folia Med (Plovdiv) 11:150-5, 1969 (Rus)
- [Use of streptase in myocardial infarct patients] Liusov VA, et al. Kardiologia 9:88-95, Jul 69 (Rus)
- [The significance of thrombelastography in obliterating diseases of the arteries of the extremities] Barkagan ZS, et al.  
Khirurgia (Moskva) 45:60-5, Jun 69 (Rus)
- [The coagulogram and thrombelastogram of patients with acute cholecystitis and their changes after cholecystectomy] Postolov MP, et al.  
Klin Khir (Kiev) 9:50-4, Sep 67 (Rus)
- [Thrombelastographic changes in hemorrhagic diathesis] Chistiakova VG.  
Klin Med (Moskva) 47:61-4, Jul 69 (Rus)
- [Effect of intravenous administration of a hypertonic solution of glucose on blood coagulability] Rafalovich MB, et al. Klin Med (Moskva) 47:65-9, Nov 69 (Rus)
- [A little known mechanism of hemorrhage] Volynskii ZM, et al. Klin Med (Moskva) 47:44-8, Feb 69 (Rus)
- [Dynamics of the properties of the thrombelastogram, prothrombin time and plasma fibrinogen concentration of rabbits vaccinated with BCG] Polushkina EE. Probl Tuberk 47:72-8, 1969 (Rus)
- [The functional status of the blood coagulation and anticoagulation systems as an index of activity of the rheumatic process in children] Merzliak EI.  
Sov Med 32:104-8, Apr 69 (Rus)
- [Effect of Lagochilus preparations on blood coagulation in patients with hemophilia] Budyka LP.  
Ter Arkh 42:86-9, Jan 70 (Rus)
- [Thrombelastographic index (I)-a new index of thrombelastogram] Orlikov GA, et al.  
Ter Arkh 41:84-7, Aug 69 (Rus)
- [Changes in electroretractographic indices of the blood in patients with thrombophlebitis treated with fibrinolytic and anticoagulant agents] Previna AI, et al. Vestn Khir Grekov 103:70-4, Oct 69 (Rus)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.  
Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)
- [Activity of the fibrin stabilizing factor in several diseases in children] Alekseenko IF.  
Vop Okhr Materin Dets 15:90, Feb 70 (Rus)
- [The status of the blood coagulation system during treatment of patients with diabetes mellitus] Masik MG, et al. Vrach Delo 10:21-4, Oct 69 (Rus)
- [Application of the autocoagulography method for assessing the functional status of the blood coagulation system] Sharova IuA, et al.  
Vrach Delo 9:147-8, Sep 69 (Rus)
- [Determining fibrinolytic activity of whole blood by the method of thrombelastography (in hypertension and thrombophlebitis)] Aslanian NL, et al.  
Zh Eksp Klin Med 10:77-9, 1970 (Rus)
- [Hemorrhagic diathesis (pseudo hemophilia) due to an specific inhibitor of factor VIII] Dreyer MS, et al.  
Prensa Med Argent 57:21-9, 6 Mar 70 (Spa)
- [Platelet adhesiveness] Ruggiero HA, et al.  
Prensa Med Argent 56:1411-5, Sep 69 (Spa)
- [Measles. Thrombelastographic study] Ruggiero HR, et al. Prensa Med Argent 56:753-5, 20 Jun 69 (Spa)
- [Control of dicoumarol therapy by means of in vitro heparin tolerance test and thrombelastography] Canizares C, et al. Sangre (Barc) 15:170-5, 1970 (Spa)
- [Possibilities and limitations of the thrombelastographic method] Parreira F, et al. Sangre (Barc) 14:385-98, 1969 (Spa)
- [Cerebrovascular diseases. 7. Dextran treatment during thrombotic diseases] Bygdeman S.  
Lakartidningen 66:4090-3, 1 Oct 69 (Swe)

## THROMBIN

- Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Aronsen KF, et al. Acta Chir Scand 135:569-73, 1969
- Coagulation studies of the vascular intima. I. Antiheparin activity. Oe K.  
Acta Haemat Jap 32:287-96, Apr 69
- Coagulation studies of the vascular intima. II. Antithrombin activity. Oe K.  
Acta Haemat Jap 32:297-310, Apr 69
- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC.  
Acta Obstet Gynec Scand 48:405-15, 1969
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC.  
Acta Obstet Gynec Scand 48:392-404, 1969
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S.  
Acta Physiol Scand Suppl 337:1-4, 1970
- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)
- The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)
- A search for the platelet secretory pathway using electron dense tracers. White JG.  
Amer J Path 58:31-49, Jan 70
- The influence of ischemia of the brain and transplanted kidney on fibrinolytic activity. Baclu I, et al.  
Arch Immun Ther Exp 18:195-200, 1970
- Heterogeneity of human fibrinogen: possible relation to proteolysis by thrombin and plasmin as studies by SDS-polyacrylamide gel electrophoresis. Mills D, et al.  
Biochem Biophys Res Commun 40:206-11, 13 Jul 70
- Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Osterud B, et al.  
Biochemistry (Wash) 9:1854-61, 14 Apr 70
- Dissociation and association of the oligomeric forms of factor V. Phillip G, et al.  
Biochemistry (Wash) 9:2212-8, 12 May 70
- Some lipid-protein interactions involved in prothrombin activation. Barton PG, et al.  
Biochim Biophys Acta 187:319-27, 28 Oct 69
- Adenine nucleotide metabolism of blood platelets. VII. ATPases: subcellular localization and behaviour during the thrombin-platelet interaction. French PC, et al. Biochim Biophys Acta 206:438-48, 10 Jun 70
- Coagulation studies with linear copolymers of aliphatic hydrocarbons and maleic acid: new class of anticoagulants. Shamash Y, et al.  
Biochim Biophys Acta 194:449-61, 23 Dec 69
- Nonenzymatic polymerization of fibrinogen by protamine sulfate. An electron microscope study. Stewart GJ, et al.  
Biochim Biophys Acta 194:462-9, 23 Dec 69
- Immunologic studies of antihemophilic factor (AHF, factor VIII) II. Properties of cross-reacting material. Hoyer LW, et al. Blood 35:809-20, Jun 70
- The effect of chromium on platelet function in vitro. Kattlove HE, et al. Blood 35:659-68, May 70
- Fletcher factor deficiency: a report of three unrelated cases. Hattersley PG, et al.  
Brit J Haemat 18:411-6, Apr 70
- Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Lackner H, et al.  
Brit J Haemat 18:625-36, Jun 70
- Inactivation of "Arvin" by plasma proteins. Pitney WR, et al. Brit J Haemat 19:67-81, Jul 70
- Molecular forms of antihemophilic globulin in plasma, cryoprecipitate and after thrombin activation. Weiss HJ, et al. Brit J Haemat 18:89-100, Jan 70
- Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Hedlin AM, et al.  
Canad J Physiol Pharmacol 47:935-40, Nov 69
- Platelet function: a review. I. Normal function. Berger S. Canad Med Ass J 102:1271-4, 6 Jun 70
- Relationship between fatty-acid composition of platelets and platelet aggregation in rat and man.



- Relation to thrombosis. Renaud S, et al.  
Circ Res 26:553-64, May 70
- Thrombosthenin M. Purification and interaction with thrombin. Cohen I, et al.  
Europ J Biochem 10:388-94, Sep 69
- An elastolytic enzyme acting on neuraminic acid containing red cell glycoproteins. Reinhardt G, et al.  
Hoppe Seyler Z Physiol Chem 351:827-33, Jul 70
- Hemorheology, plasma expanders, and nutritional blood flow. Groth CG.  
Int Anesth Clin 7:239-60, Summer 69
- The molecular weights of bovine thrombin and its primary autolysis products. Mann KG, et al.  
J Biol Chem 244:6555-7, 10 Dec 69
- Enzymatic and electrochemical polymerization of fibrinogen. Stoner G, et al.  
J Biomed Mat Res 3:645-54, Dec 69
- Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. II. Interaction of platelets with neutrophils. Henson PM. J Immunol 105:490-501, Aug 70
- Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinopeptide B. Herzig RH, et al.  
J Lab Clin Med 76:451-65, Sep 70
- Transmission of serum hepatitis. Barker LF, et al.  
JAMA 211:1509-12, 2 Mar 70
- Relationship between platelet aggregation and the thrombotic tendency in rats fed hyperlipemic diets. Renaud S, et al. Lab Invest 22:339-43, Apr 70
- Induction of hypotension in rhesus monkeys and rabbits by intravenous thrombin infusion. Whitaker AN, et al. Lab Invest 20:79-86, Jan 69
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E.  
Life Sci 9:99-110, 22 Jan 70
- The clinical challenge of disseminated intravascular coagulation. Deykin D.  
New Eng J Med 283:636-44, 17 Sep 70
- The activator time. A method for control of activator activity during thrombolytic therapy. Blix S.  
Scand J Haemat 6:221-6, 1969
- Slow activation of factor VIII by thrombin and other enzymes at low temperature. Ozge-Anwar AH.  
Scand J Haemat 7:5-9, 1970
- The fibrin clot; a medium for supporting loose cells and delicate structures during processing for microscopy. Furtado JS. Stain Techn 45:19-23, Jan 70
- On the role of the stable plasminogen activator of the venous wall in occlusion induced fibrinolytic state. Constantini R, et al.  
Thromb Diath Haemorrh 22:544-51, 31 Dec 69
- Amino acid transport into human platelets and subsequent incorporation into protein. Cooper IA, et al. Thromb Diath Haemorrh 23:140-7, 28 Feb 70
- Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. Engelberg H.  
Thromb Diath Haemorrh 22:344-50, 15 Nov 69
- The influence of various plasma components on the lysis of dilute human blood clots. Gallimore MJ, et al.  
Thromb Diath Haemorrh 22:223-33, 15 Nov 69
- Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Melliger EJ.  
Thromb Diath Haemorrh 23:211-27, 1970
- Quantitation of the coagulation inhibition in vivo due to breakdown products of fibrin. Mitchell PS, et al.  
Thromb Diath Haemorrh 23:477-85, 30 Jun 70
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al.  
Thromb Diath Haemorrh 36:Suppl 36:269+, 1969
- Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. Walsh RT, et al.  
Thromb Diath Haemorrh 36:Suppl 36:83-97, 1969
- Serum transfusion as a hemostatic procedure. Chiba Y.  
Tohoku J Exp Med 98:303-27, Aug 69
- Emergency thrombectomy of the prosthetic mitral valve. Mullen DC, et al. Vasc Surg 4:137-40, Jun 70
- [The determination of serum fibrinolytic inhibitors by the fibrin plate method] Daver J, et al.  
Ann Biol Clin (Paris) 27:721-33, Oct-Dec 69 (Fre)
- [Determination of serum inhibitors of fibrinolysis by the method of "standard clots"] Daver J, et al.  
Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)
- [The effect of 6,7-dimethoxyisoquinoline derivatives on the function of blood platelets] Markwardt F, et al.  
Acta Biol Med German 23:295-306, 1969 (Ger)
- [The effect of drugs on platelet function] Markwardt F.  
Folia Haemat (Leipzig) 92:448-59, 1969 (Ger)
- [The effect on thrombocyte function of drugs used in polyarthritis] Pazdur J.  
Folia Haemat (Leipzig) 92:477-84, 1969 (Ger)
- [The fibrinolytic activity in Seegers' cattle prothrombin preparations. A contribution to the problem of the activation of cattle prothrombin by plasmin] Andrassy K, et al.  
Thromb Diath Haemorrh 22:377-90, 15 Nov 69 (Ger)
- [Reversible stages of intravascular coagulation and their effect on kidney function and urokinase excretion] Theiss W, et al.  
Thromb Diath Haemorrh 23:369-85, 1970 (Ger)
- [The effect on blood coagulation of the trypsin-like protease from *Astacus leptodactylus* (Crustacea)] Zwilling R, et al.  
Thromb Diath Haemorrh 23:360-8, 1970 (Ger)
- [Experimental studies on fibrin pyelotomy] Klosterhalfen H, et al.  
Urologe 8:167-9, May-Jun 69 (Ger)
- [Phylogenetic studies on blood platelets-comparative physiology of spindle cells] Kimura E.  
Acta Haemat Jap 32:1-6, Feb 69 (Jap)
- [Thrombelastographic method for estimating fibrinolytic activity] Tozawa Y, et al.  
Jap J Clin Path 18:545-9, Aug 70 (Jap)
- [The structure of dog prothrombin and the mechanism of its autoactivation] Timerbaev VN, et al.  
Biokhimiia 34:1100-6, Nov-Dec 69 (Rus)
- [The body's reaction to the administration of thrombin to animals subjected to the prolonged effect of sound] Byshevskii ASH, et al.  
Biull Eksp Biol Med 67:16-8, May 69 (Rus)
- [Dynamics of the formation and neutralization of thrombin in the blood stream after intravenous injections of tissue thromboplastin] Pastorova VE, et al. Probl Gemat 13:16-21, Jun 68 (Rus)
- [Thrombin-like properties of tissue] Skipetrov VP.  
Probl Gemat 13:29-32, Jan 68 (Rus)
- [Thrombin-streptokinase test] Aznar J, et al.  
Sangre (Barc) 15:269-74, 1970 (Spa)

## ADMINISTRATION &amp; DOSAGE

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:741, 1969 (112 ref.)
- Streptokinase in acute pulmonary embolism. Gurewicz V, et al. J Thorac Cardiovasc Surg 59:655-61, May 70
- Tissue damage in disseminated intravascular coagulation-mechanisms of localization of thrombi in the microcirculation. McKay DG.  
Thromb Diath Haemorrh 36:Suppl 36:67-81, 1969
- [Influence of biological glue on experimental retinal detachment] Szczypinski J.  
Klin Oczna 39:279-83, 1969 (Pol)
- [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.  
Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)

## ANALYSIS

- Some observations on the fibrinolytic activity of blood corporeal elements and vessel walls. Matsuoka M, et al. Acta Med Biol (Nigata) 17:231-5, Dec 69
- The chemistry of the activation of prothrombin. Magnusson S. Biochem J 115:2P-3P, Nov 69
- Studies on protein fractions isolated from human plasma. Kininogenase activity in human plasma fractions isolated with ether and ethanol. Mackay M, et al. Brit J Haemat 18:29-44, Jan 70
- Molecular weight and amino acid composition of equine thrombin. Inada Y, et al.  
J Biochem (Tokyo) 68:193-8, Aug 70
- The molecular weights of bovine thrombin and its primary autolysis products. Mann KG, et al.  
J Biol Chem 244:6555-7, 10 Dec 69
- Preparation of plasminogen - free fibrinogen; starting from fibrinogen prepared by improved freezing thawing method. Sato T, et al.  
Jap J Exp Med 39:135-42, Apr 69
- The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. Seegers WH, et al. Life Sci 8:925-32, 15 Sep 69
- Coagulation inhibitor elicited by thrombin. Marciniak E. Science 170:452-3, 23 Oct 70
- Further studies on thrombin-coagulase. Soulier JP, et al. Thromb Diath Haemorrh 23:37-49, 28 Feb 70
- Methods for differential diagnosis of consumption



- coagulopathy. Makl M, et al.  
Tohoku J Exp Med 99:347-60, Dec 69
- Separation of the coagulant components of Bothrops jararaca venom. Denson KW, et al.  
Toxicon 8:15-9, May 70
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)
- [Moscicowitz's disease: consumption coagulopathy?] Muller JM, et al. Presse Med 77:1895-8, 29 Nov 69 (Fre)
- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)
- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al.  
Med Welt 50:2718-22, 13 Dec 69 (Ger)
- [Symposium on the introduction of rheology into internal medicine. Blood coagulation in rheology] Matsuoka M.  
J Jap Soc Intern Med 58:1344-50, 10 Dec 69 (Jap)
- [Plasma coagulation tests. Phase 3] Abe T.  
Jap J Clin Path 18:Suppl 16:93+, 1969 (Jap)
- [Immunoelectrophoretic study of circulating blood] Furuta K. Jap J Leg Med 23:294-8, Jul 69 (Jap)
- [Delivery of the placenta and mechanism of hemostasis in the uterus in the 3d stage of labor] Petrov-Maslakov MA, et al. Akush Ginek (Moskva) 46:44-8, Apr 70 (Rus)
- [Several indices of the blood coagulation and anticoagulation system in hypertensive crisis] Zhivoderov VM, et al.  
Kardiologiya 9:106-10, Aug 69 (Rus)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)

## ANTAGONISTS &amp; INHIBITORS

- Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ.  
Amer J Physiol 218:389-95, Feb 70
- A kinetic approach to the effect of prothrombin concentration on the rate of fibrin polymerization. Forsyth G, et al. Arch Biochem 134:1-7, Oct 69
- Inhibition of platelet energy production and release reaction by PGE<sub>1</sub>, theophylline and cAMP. Wolfe SM, et al.  
Biochem Biophys Res Commun 41:128-34, 9 Oct 70
- Inhibition of thrombin by sarin. Thompson AR.  
Biochim Biophys Acta 198:392-5, 11 Feb 70
- Inactivation of bovine thrombin by nitrous acid. Magnusson S, et al. Canad J Biochem 48:432-7, Apr 70
- Biological activities of leupeptins. Aoyagi T, et al. J Antibiot (Tokyo) 22:558-68, Nov 69
- Binding of thrombin to antithrombin III. Abildgaard U.  
Scand J Clin Lab Invest 24:23-7, Aug 69
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al.  
Scand J Clin Lab Invest Suppl 107:59+, 1969
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al.  
Scand J Clin Lab Invest 24:Suppl 107:59+, 1969
- Electrophoretic separation of two thrombin inhibitors in plasma and serum. Ganrot PO.  
Scand J Clin Lab Invest 24:11-4, Aug 69
- Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds. Geratz JD.  
Thromb Diath Haemorrh 23:486-99, 30 Jun 70
- Properties of thrombin and fibrinolysin lysed fibrin. Triantaphyllopoulos DC, et al.  
Thromb Diath Haemorrh 36:Suppl 36:269+, 1969
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al.  
Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)
- [Effect of thrombin on the distribution of adenine nucleotides in washed thrombocytes of rats] Zivković RV, et al. Acta Med Iugosl 24:27-33, 1970 (Cro)

## BIOSYNTHESIS

- Enzymology and blood coagulation. Esnouf MP.  
Biochem J 115:1P-2P, Nov 69
- The chemistry of the activation of prothombin. Magnusson S. Biochem J 115:2P-3P, Nov 69
- Increased prothrombin conversion: a new activity of lysed fibrinogen. Triantaphyllopoulos DC, et al.  
Brit J Haemat 18:127-34, Feb 70
- Generation of the proteolytic activity bound with alpha

- 2-macroglobulin during plasma clotting. Szczeklik A. Clin Chim Acta 27:339-46, Feb 70
- Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y.  
J Lab Clin Med 75:355-81, Mar 70
- Effect of purified Vipera palestinae hemorrhagin on blood coagulation and platelet function. Grotto L, et al. Thromb Diath Haemorrh 22:482-95, 31 Dec 69
- Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors. Kahn MJ, et al.  
Thromb Diath Haemorrh 22:417-30, 31 Dec 69
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. Thromb Diath Haemorrh 36:Suppl 36:239+, 1969
- [Enzymes of plasma and blood serum] Szczeklik A. Pol Tyg Lek 25:1142-5, 27 Jul 70 (12 ref.) (Pol)
- [Effect of alimentary lipemia on thrombin generation in the plasma of healthy persons and in arteriosclerosis] Zola-Słęczek E.  
Pol Tyg Lek 25:244-6, 16 Feb 70 (Pol)
- [Effect of autoprothrombin C on the process of thrombinogenesis in normal and factor XII-deficient plasma] Strukova SM, et al.  
Biokhimiya 34:816-23, Jul-Aug 69 (Rus)
- [Endofactor of yeast fungi and its participation in the process of plasma coagulation] Zaikina NA, et al.  
Probl Gemat 13:37-40, Jan 68 (Rus)

## DIAGNOSTIC USE

- Altered platelet function in newborns. Mull MM, et al.  
Pediat Res 4:229-37, May 70

## ISOLATION &amp; PURIFICATION

- Inhibition of thrombin by sarin. Thompson AR.  
Biochim Biophys Acta 198:392-5, 11 Feb 70
- Molecular weight and amino acid composition of equine thrombin. Inada Y, et al.  
J Biochem (Tokyo) 68:193-8, Aug 70
- The molecular weights of bovine thrombin and its primary autolysis products. Mann KG, et al.  
J Biol Chem 244:6555-7, 10 Dec 69
- Thrombin enzyme from Crotalus adamanteus. Markland FS, et al. Lancet 1:1398, 27 Jun 70
- Structural changes in prothrombin during activation: a theory. Seegers WH, et al.  
Thromb Diath Haemorrh 23:26-36, 28 Feb 70

## METABOLISM

- The role of adenine nucleotides in the peripheral vasodilating effect of thrombin. Olsson P, et al.  
Acta Physiol Scand 76:137-47, May-Jun 69
- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al.  
Amer J Clin Path 54:239-48, Aug 70
- Effect of hepatectomy on thrombin clearance. Gans H, et al. Ann Surg 170:937-46, Dec 69
- Inactivation of bovine thrombin by nitrous acid. Magnusson S, et al. Canad J Biochem 48:432-7, Apr 70
- Molecular weight and amino acid composition of equine thrombin. Inada Y, et al.  
J Biochem (Tokyo) 68:193-8, Aug 70
- Binding of thrombin to antithrombin III. Abildgaard U.  
Scand J Clin Lab Invest 24:23-7, Aug 69
- Delayed fibrin polymerization due to removal of calcium ions. Godal HC.  
Scand J Clin Lab Invest 24:29-33, Aug 69
- The blood platelet release reaction. Holmsen H, et al.  
Scand J Haemat 3:26, 1969
- Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD.  
Thromb Diath Haemorrh 23:12-8, 28 Feb 70
- New tests for the diagnosis of consumption coagulopathy. Niewiarowski S.  
Thromb Diath Haemorrh 36:Suppl 36:277-9, 1969
- [Congenital and familial dysfibrinogenemia without hemorrhagic tendency] Samama M, et al.  
Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)
- [Trypsin-like activity of the serum in the diagnosis of exocrine pancreas diseases: experimental study] Tenconi L, et al.  
Biol Lat (Milano) 21:81-7, Jan-Mar 68 (Ita)
- [Studies on anti-inflammatory agents. XI. Inhibitory effects of



- 2-aminno-3-ethoxycarbonyl-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridine (Y-3642) on platelet aggregation] Nakanishi M, et al.  
 J Pharm Soc Jap 90:564-9, May 70 (Jap)  
 [Functional state of the anticoagulation system during intravenous administration of fibrin monomer] Kudriashov BA, et al.  
 Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)

## PHARMACODYNAMICS

- Fibrinolytic activity in healing wound. Peterson HI, et al. Acta Chir Scand 135:649-52, 1969  
 Congenital deficiency of fibrinogen in two sisters. A clinical and haematological study. Dube B, et al. Acta Haemat (Basel) 43:120-7, 1970  
 Isolation of fibrinopeptides formed during intravascular coagulation in dogs. Gröndahl NJ, et al. Acta Physiol Scand 76:369-75, Jul 69  
 The role of adenine nucleotides in the peripheral vasodilating effect of thrombin. Olsson P, et al. Acta Physiol Scand 76:137-47, May-Jun 69  
 Vasoactivity of adenine nucleotides released in vitro from blood cells by thrombin. Swedenborg J. Acta Physiol Scand 79:359-68, Jul 70  
 Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
 Aerospace Med 41:331-6, Mar 70 (80 ref.)  
 Surface structure of normal human platelets. Larrimer NR, et al. Amer J Med Sci 259:242-56, Apr 70  
 Ultrastructural study of the effect of aspirin on in vitro platelet-collagen interaction and platelet adhesion to injured intima in the rabbit. Ts'ao CH.  
 Amer J Path 59:327-46, May 70  
 Platelet participation in blood coagulation aspects of hemostasis. Webber AJ, et al.  
 Amer J Path 60:19-42, Jul 70  
 Platelet aggregation and plug formation: studies on mechanism of action. Silver MJ.  
 Amer J Physiol 218:389-95, Feb 70  
 Stimulation by glucose of fatty acid synthesis in human platelets. Zieve PD, et al.  
 Amer J Physiol 219:1009-13, Oct 70  
 Scanning electron microscopic observations on human blood platelets and their alterations induced by thrombin. Hattori A, et al.  
 Arch Histol Jap 31:37-54, Nov 69  
 Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis. Smith GF, et al. Arch Path (Chicago) 89:235-46, Mar 70  
 Platelet phosphorylase activity in the presence of activators and inhibitors of aggregation. Deisseroth A, et al.  
 Biochem Biophys Res Commun 39:551-7, 11 May 70  
 Platelet phosphorylase activity in the presence of activators and inhibitors of aggregation. Deisseroth A, et al. Biochem Biophys Res Commun 40:551-7, 13 Jul 70  
 Inhibition of platelet energy production and release reaction by PGE<sub>1</sub>, theophylline and cAMP. Wolfe SM, et al.  
 Biochem Biophys Res Commun 41:128-34, 9 Oct 70  
 Adenine nucleotide metabolism of blood platelets. VI. Subcellular localization of nucleotide pools with different functions in the platelet release reaction. Holmsen H, et al.  
 Biochim Biophys Acta 186:254-66, 1969  
 A comparative study of the action of release inducers upon platelet release and phosphorus metabolism. Mürer EH. Biochim Biophys Acta 192:138-40, 7 Oct 69  
 Thrombin-induced release of glycolytic intermediates from rat platelets. Zivkovic RV, et al.  
 Biochim Biophys Acta 201:502-5, 24 Mar 70  
 Intravascular coagulation syndrome. Matsucka M. Biorheology 6:248, Jan 70  
 The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets. Ekert H, et al.  
 Brit J Haemat 18:575-84, May 70  
 Thrombin-induced vasodilatation and hypotension in dogs: role of fibrinogen, plasma kinins, and blood cells. Olsson, et al. Cardiovasc Res 3:56-63, Jan 69  
 5-hydroxytryptamine releasing effect on domestic fowl thrombocytes of the alkali kidney extract and some drugs. Inouye A, et al.  
 Europ J Pharmacol 8:200-3, Nov 69  
 Decreased thrombus formation in rats after chronic nicotine administration. Wenzel DG, et al.  
 Europ J Pharmacol 10:143-4, Apr 70  
 The effect of angiotensin II on the platelet aggregation induced by adenosine diphosphate, epinephrine and thrombin. Poplawski A. Experientia 26:86, 15 Jan 70  
 Lipid metabolism in human platelets. II. De novo phospholipid synthesis and the effect of thrombin on the pattern of synthesis. Lewis N, et al.  
 J Clin Invest 48:2114-23, Nov 69  
 Relationship of platelet retention in glass bead columns to the rate of aggregation with adenosine diphosphate and thrombin. Bloom AL, et al.  
 J Clin Path 22:560-2, Sep 69  
 Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test. Hawiger J, et al. J Lab Clin Med 75:93-108, Jan 70  
 The selectivity of the thrombin-induced platelet release reaction: subcellular localization of released and retained constituents. Holmsen H, et al.  
 J Lab Clin Med 75:840-55, May 70  
 Release of adenine nucleotides and platelet factor 4 from platelets of man and four other species. Thomas DP, et al. J Lab Clin Med 75:607-18, Apr 70  
 Effect of eight prostaglandins on platelet aggregation. Chandra Sekhar N. J Med Chem 13:39-44, Jan 70  
 Thrombic enzyme from *Crotalus adamanteus*. Markland FS, et al. Lancet i:1398, 27 Jun 70  
 Catecholamines, disseminated intra-vascular coagulation and shock. Halmagyi DF.  
 Med J Aust 1:1020, 16 May 70  
 Catecholamines, disseminated intravascular coagulation and shock. Med J Aust 1:785-6, 18 Apr 70  
 Utilization of ascorbic acid during platelet aggregation. Sahud MA, et al.  
 Proc Soc Exp Biol Med 134:13-6, May 70  
 Immunological studies on human antithrombin 3. Influence of age, sex and use of oral contraceptives on serum concentration. Fagerhol MK, et al.  
 Scand J Haemat 7:10-7, 1970  
 Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. Scand J Haemat 6:377-85, 1969  
 Thrombin-induced release of calcium from blood platelets. Mürer EH. Science 166:623, 31 Oct 69  
 Absent plasma second phase platelet aggregation factor in a patient with Hageman trait. Okonkwo P, et al. Thromb Diath Haemorrh 23:423-31, 30 Jun 70  
 Eosinophil mobilization during disseminated intravascular coagulation. Riddle JM, et al.  
 Thromb Diath Haemorrh 36:Suppl 36:99+, 1969  
 Inhibition of platelet aggregation by dialysable fibrinogen degradation products (FDP). Stachurska J, et al. Thromb Diath Haemorrh 23:91-8, 28 Feb 70  
 [Hereditary thrombopathies] Hardisty RM.  
 Nouv Rev Franc Hemat 9:550-3, Jul-Aug 69 (Fre)  
 [Platelet aggregation by ADP in the presence of fibrinogen degradation products] Praga C, et al.  
 Nouv Rev Franc Hemat 9:575-7, Jul-Aug 69 (Fre)  
 [Thrombelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protaminsulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al.  
 Agressologie 10:65-71, Jan-Feb 69 (Ger)  
 [The effect of L-asparaginase on fibrinogen and fibrin clot (current data on the tumor-inhibiting mechanism of L-asparaginase)] Benkő S, et al.  
 Orv Hetil 110:2083-7, 7 Sep 69 (Hun)  
 [Etiological mechanism of consumption coagulopathy] Maekawa T, et al.  
 Jap J Clin Path 17:821-5, Nov 69 (Jap)  
 [Fibrinolysis, determination and interpretation] Maki M. Jap J Clin Path 18:563-8, Aug 70 (Jap)  
 [Influence of fibrinolysis on factor XIII assay] Suzuki H, et al. Jap J Clin Path 18:540-4, Aug 70 (Jap)  
 [Generalized Schwartzman reaction] Lipiński B, et al.  
 Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
 [Presence and content of the fibrinogen-I-131 complex in the blood stream after intravenous thrombin administration] Filinkov AF.  
 Vop Med Khim 16:59-62, Jan-Feb 70 (Rus)  
 [Significance of factor XII (Hagemann's) in activation of the blood anticoagulation system] Kudriashov BA, et al. Vop Med Khim 15:486-94, Sep-Oct 69 (Rus)  
 [Effect of thrombolytic on the distribution of adenine nucleotides in washed thrombocytes of rats] Zivkovic RV, et al. Acta Med Jugosl 24:27-33, 1970 (Cro)

## PHYSIOLOGY

- Lipid metabolism in human platelets. II. De novo



## SUBJECT SECTION

- phospholipid synthesis and the effect of thrombin on the pattern of synthesis. Lewis N, et al. *J Clin Invest* 48:2114-23, Nov 69
- Induction of large thrombi in hyperlipemic rats by epinephrine and endotoxin. Renaud S, et al. *Lab Invest* 21:512-8, Dec 69
- The mechanism of spontaneous resolution of thromboemboli. Gans H, et al. *Surg Gynec Obstet* 130:328-32, Feb 70
- A fixation-shadowing technique for electron microscopic visualization of platelets, subcellular material, and fibrin. Stewart GJ. *Thromb Diath Haemorrh* 23:228-36, 1970
- [Structure and role of carbohydrate fractions of glycoproteins implicated in blood coagulation] Mester L. *Bull Soc Chim Biol (Paris)* 51:635-48, 18 Sep 69 (Fre)
- [Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)
- [The different action of bovine and human factor VIII (anti-haemophilic globulin) on factor X consumption during coagulation] Mayer G, et al. *Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)
- [The peripheral vasodilator activity of thrombin] Delin A, et al. *Folia Haemat (Leipzig)* 92:558-66, 1969 (Ger)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)

### THERAPEUTIC USE

- The thrombolytic action of protease 1 on experimentally produced venous thrombi in the dog. Huang CL, et al. *Irish J Med Sci* 2:379-89, Aug 69
- Post-tonsillectomy haemorrhage in a carrier of haemophilia A. Arruth JA. *J Laryng* 83:1035-7, Oct 69
- [Tooth extraction during substitution treatment in hemophilia A and B-Report of experiences with the use of cryoprecipitate and Cohn plasma fractions I and of contact activating fresh plasma] Hausamen JE, et al. *Deutsch Zahnärztl Z* 25:319-25, Feb 70 (Ger)

## THROMBOCYTOSIS

- Megakaryocytes in states of altered platelet production: cell numbers, size and DNA content. Penington DG, et al. *Brit J Haemat* 18:447-63, Apr 70
- Detection of thrombopoietic activity in plasma by stimulation of suppressed thrombopoiesis. Shreiner DP, et al. *J Clin Invest* 49:1709-13, Sep 70
- Primary erythrocytosis of childhood. Scharfman WB, et al. *JAMA* 210:2274-6, 22 Dec 69
- Thrombocytosis. A clinical evaluation of 322 patients. Silvis SE, et al. *Minn Med* 52:1603-7, Oct 69
- [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)

### BLOOD

- DFP labeling of platelets during recovery from thrombocytopenia. Ebbe S, et al. *Blood* 35:613-23, May 70
- Congenital marrow dysfunction in Down's syndrome. Weinberger MM, et al. *J Pediatr* 77:273-9, Aug 70
- [Effect of intralipid on platelet adhesiveness] Szabó R, et al. *Folia Haemat (Leipzig)* 93:435-42, 1970 (Ger)
- [Study of thrombocytochemistry in patients with chronic myeloid leukemia] Rolović Z, et al. *Acta Med Jugosl* 23:75-9, 1969 (Cro)

### CHEMICALLY INDUCED

- Changes in platelets and lipids in experimental atheroembolism and bends. Clark ML, et al. *Aerospace Med* 40:1094-8, Oct 69
- Thrombocytosis induced by citrovorum factor. Eastham RD, et al. *Lancet* 2:1258-9, 6 Dec 69
- Vinblastine-induced thrombocytosis. Hwang YF, et al. *Lancet* 2:1075-6, 15 Nov 69
- Thrombocytosis, methotrexate, and citrovorum factor. Kenis Y, et al. *Lancet* 1:621, 21 Mar 70

### COMPLICATIONS

- Philadelphia-chromosome-positive and -negative chronic myelocytic leukemia. Ezdinli EZ, et al. *Ann Intern Med* 72:175-82, Feb 70
- Hemorrhagic thrombocytopenia; control of

- postsplenectomy thrombocytosis with melphalan. Bensinger TA, et al. *Blood* 36:61-9, Jul 70
- Uracil mustard in the treatment of thrombocytopenia. Robertson JH. *Blood* 35:288-97, Mar 70
- Congenital marrow dysfunction in Down's syndrome. Weinberger MM, et al. *J Pediatr* 77:273-9, Aug 70
- The influence of the platelet count on the incidence of thrombotic and haemorrhagic complications in polycythemia vera. Dawson AA, et al. *Postgrad Med J* 46:76-8, Feb 70
- [Lesniowski-Crohn disease with an atypical course] Przybowski J, et al. *Pol Tyg Lek* 25:823-4, Jun 70 (Pol)
- [Hyperthrombocytopenia in acute leukemia] Armata J, et al. *Przegl Lek* 25:754-6, 1969 (Pol)
- [Thrombocytosis and rheumatic arthritis] Hedfalk L. *Lakartidningen* 66:5263-6, 10 Dec 69 (Swe)

### DIAGNOSIS

- Hereditary spherocytosis--with polycythemia? Report of a case and a brief discussion. Monahan LK. *J Kansas Med Soc* 71:219-20 passim, Jun 70

### DRUG THERAPY

- Hemorrhagic thrombocytopenia; control of postsplenectomy thrombocytosis with melphalan. Bensinger TA, et al. *Blood* 36:61-9, Jul 70
- Uracil mustard in the treatment of thrombocytopenia. Robertson JH. *Blood* 35:288-97, Mar 70
- [Chronic myelogenous leukemia. Results of therapy with busulfan] Olesen J, et al. *Nord Med* 82:1284-90, 9 Oct 69 (Dan)

### ETIOLOGY

- Exercise-induced thrombocytosis. Dawson AA, et al. *Acta Haemat (Basel)* 42:241-6, 1969
- Examination of the thrombocyte count in mink in connection with anaemia. Helgebostad A, et al. *Acta Vet Scand* 10:48-56, 1969
- Eosinophilic leukemia. Report of five cases and review of literature. Benvenisti DS, et al. *Ann Intern Med* 71:731-45, Oct 69
- Hemorrhagic thrombocytopenia; control of postsplenectomy thrombocytosis with melphalan. Bensinger TA, et al. *Blood* 36:61-9, Jul 70
- The effect of hypoxia on the platelet count. Atkins P, et al. *Brit J Surg* 57:583-6, Aug 70
- Detection of thrombopoietic activity in plasma by stimulation of suppressed thrombopoiesis. Shreiner DP, et al. *J Clin Invest* 49:1709-13, Sep 70
- Thrombocytosis in patients with lung cancer. Silvis SE, et al. *JAMA* 211:1852-3, 16 Mar 70
- Leukemoid reactions with extreme thrombocytosis. Rosner F, et al. *New York J Med* 70:1314-8, 1 Jun 70
- Thrombocytosis following thrombocytopenia in man. Ogston D, et al. *Postgrad Med J* 45:754-6, Dec 69
- Physiological changes of the vaccinated organism: a basis for the interpretation of the clinical complications due to prophylactic vaccines. Del Campo A. *Progr Immunobiol Stand* 3:280-4, 1969

### IMMUNOLOGY

- [Neonatal thrombopenia and hemolytic disease of the newborn due to Rh incompatibility] Malinvaud G, et al. *Rev Franc Transfus* 12:Suppl:277-90, 1969 (Fre)

### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- Measurement of thrombopoiesis in rabbits using 75selenomethionine. Evatt BL, et al. *J Clin Invest* 48:1615-26, Sep 69
- Platelet production. Harker LA. *New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)

### PREVENTION & CONTROL

- Reduction of postoperative thrombocytosis. Atkins P, et al. *Surgery* 67:976-80, Jun 70

### RADIOTHERAPY

- Uracil mustard in the treatment of thrombocytopenia. Robertson JH. *Blood* 35:288-97, Mar 70



## THROMBOPENIA

- The effect of dextran (Macrodex) and gelatin (Physiogel) on hemorrhagic diathesis during postirradiation thrombocytopenia in dogs. Kummer H, et al. *Bibl Haemat* 33:472-80, 1969
- Lipid peroxidation in aging platelets. Okuma M, et al. *Blood* 34:712-6, Nov 69
- Megakaryocytes in states of altered platelet production: cell numbers, size and DNA content. Penington DG, et al. *Brit J Haemat* 18:447-63, Apr 70
- Rocky mountain spotted fever. Neurological symptoms in the acute phase. Bell WE, et al. *Neurology (Minneapolis)* 20:841-7, Sep 70
- Acute hemolysis and thrombocytopenia in eclampsia. Report of a case. Scott R, et al. *Obstet Gynec* 36:128-31, Jul 70
- Platelet kinetics in normal subjects and in haematological disorders; with special reference to thrombocytopenia and to the role of the spleen. Kotilainen M. *Scand J Haemat Suppl* 5:5-97, 1969
- Antihuman lymphocyte globulin. Simplified production procedure for human use. Preliminary report. Townsend CH Jr, et al. *Texas Rep Biol Med* 27:497-504, Summer 69
- Antihuman lymphocyte globulin. Simplified production procedure for human use. Preliminary report. Townsend CM Jr, et al. *Texas Rep Biol Med* 27:497-504, Summer 69
- Disseminated intravascular coagulation in shock. Hardaway RM ed.
- Thromb Diath Haemorrh 36:Suppl 36:159+, 1969
- Measurement of antiplatelet activity of antilymphocyte sera based on the inhibition of 5-hydroxytryptamine uptake by blood platelets. Kamoun PP, et al. *Transplantation* 10:53-8, Jul 70
- [Hemolytic uremic syndrome in children] Beyer P. *Presse Med* 77:1745-6, 15 Nov 69 (Fre)
- [Antilymphocyte serum. I] Bach JF. *Rev Europ Etud Clin Biol* 15:28-55, Jan 70 (341 ref.) (Fre)
- [Hyperfibrinolysis as the cause of so-called "spontaneous hemorrhages"] Perlick E. *Folia Haemat (Leipzig)* 92:57-63, 1969 (Ger)
- [Childbirth in patients with thrombocytopenia] Eto T, et al. *Kango* 22:100-2, Apr 70 (Jap)
- [Diagnostic difficulties in hemolytic-uremic syndrome with a prolonged course] Kucharska K, et al. *Poi Tyg Lek* 25:494-5, 6 Apr 70 (Pol)
- [Blood injury in the functioning of an implanted artificial heart] Komarov LS, et al. *Grudn Khir* 12:87-91, May-Jun 70 (76 ref.) (Rus)
- [Gasser's syndrome (hemolytic uremic syndrome) in a 4 month-old infant] Petrova KG. *Vop Okhr Materin Dets* 15:85-7, Jan 70 (Rus)
- [Fanconi's anemia in adults] Steruská M, et al. *Vnitřní Lek* 15:905-12, Sep 69 (Slo)
- [Coexistence of Ph1 negative chronic myelocytosis and verrucous carcinoma of the mandibular gingiva in pregnancy] Premužić-Lampić M, et al. *Liječn Vjesn* 91:971-5, 1969 (Cro)

## BLOOD

- DFP labeling of platelets during recovery from thrombocytopenia. Ebbe S, et al. *Blood* 35:613-23, May 70
- Megakaryocytopoiesis in experimentally induced immune thrombocytopenia. Rolovic Z, et al. *Blood* 35:173-88, Feb 70
- Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. *Haemat Lat* 12:143-54, Apr-Jun 69
- Haemolytic-uraemic syndrome: failure to demonstrate circulating endotoxin. Kaplan BS, et al. *Lancet* 2:1424-5, 27 Dec 69
- Persistent polyagglutinability in vivo unrelated to T-antigen activation. Haynes CR, et al. *Transfusion* 10:43-51, Mar-Apr 70
- [The phenomenon of inhibition of platelet aggregation of extrinsic ADP. Possible technique of detection of antiplatelet-antibodies (preliminary note)] Kondi V, et al. *Rev Franc Transfus* 13:99-103, Mar 70 (Fre)
- [Life-span and destruction of human thrombocytes] Bleifeld W. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)
- [Determination of thrombocyte survival time with <sup>51</sup>Cr. II. Studies on the survival time of autologous thrombocytes in patients with pronounced thrombopenia] Adam W, et al. *Blut* 21:9-19, Jul 70 (Ger)

- [Determination of the thrombocyte life span with radioisotopes] Adam W. *Fortschr Roentgenstr* 111:669-74, Nov 69 (Ger)
- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. *Med Klin* 65:443-50, 6 Mar 70 (Ger)
- [Studies on young and old thrombocytes] Kummer H, et al. *Schweiz Med Wschr* 100:328-30, 14 Feb 70 (Ger)
- [Hemolytic-uremic syndrome in a 7-year-old boy] Schwalbová M, et al. *Cesk Pediat* 25:282-4, Jun 70 (Slo)

## CHEMICALLY INDUCED

- Drug-induced bone marrow injury. Yunis AA. *Advances Intern Med* 15:357-76, 1969 (101 ref.)
- Changes in platelets and lipids in experimental aeroembolism and bends. Clark ML, et al. *Aerospace Med* 40:1094-8, Oct 69
- Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Natelson EA, et al. *Ann Intern Med* 71:1121-5, Dec 69
- Rifampicin-induced immune thrombocytopenia. Blajchman MA, et al. *Brit Med J* 3:24-6, 4 Jul 70
- Combination chemotherapy in gastrointestinal cancer. Reitemeier RJ, et al. *Cancer Res* 30:1425-8, May 70
- Cyclophosphamide regimens in rhesus monkey with and without marrow infusion. Storb R, et al. *Cancer Res* 30:2195-203, Aug 70
- Thrombocytopenia and sideroblastic anemia with pyrazinolic acid amide (pyrazinamide) therapy. MacCurdy RK, et al. *Chest* 57:378-81, Apr 70
- Propranolol in the treatment of angina pectoris. Banerjee JC. *Indian Heart J* 21:247-8, Jul 69
- Positive direct Coombs' tests associated with cephaloridine therapy. Fass RJ, et al. *JAMA* 213:121-3, 6 Jul 70
- George McClellan (1796-1847), Philadelphia surgeon. *JAMA* 211:1692, 9 Mar 70
- Alcohol and the blood. MacLeod EC, et al. *Lancet* 2:1198-9, 29 Nov 69
- Antilymphocyte-serum preparations in treatment of renal-allograft rejection. Mee AD, et al. *Lancet* 2:16-9, 4 Jul 70
- Daunorubicin in the treatment of adult acute leukaemia. Burgess MA, et al. *Med J Aust* 1:629-35, 28 Mar 70
- Thrombocytopenia following administration of 'Bactrim'. Hammett JF. *Med J Aust* 2:200, 25 Jul 70
- Mini-exchange and transfusion therapy for drug-induced thrombocytopenia. Shaw AE. *Med J Aust* 2:529-32, 13 Sep 69
- Demonstration of a circulating factor regulating blood platelet production using 35S-sulfate in rats and mice. Cooper GW, et al. *Proc Soc Exp Biol Med* 134:1123-7, Sep 70
- [Results of long-term treatment of polycythemia vera with busulfan (Myleran) or dibromomannitol (Myelobromol): analysis of 4 clinical cases observed and treated during more than 7 years] Alberto P, et al. *Praxis* 58:1211-6, 23 Sep 69 (Fre)
- [Methotrexate in the treatment of psoriasis] Grupper C, et al. *Presse Med* 78:1631-4, 12 Sep 70 (Fre)
- [Antilymphocyte serum. II] Bach JF. *Rev Europ Etud Clin Biol* 15:258-78, Mar 70 (221 ref.) (Fre)
- [Effect and tolerance of HB 419 in out-patient treated diabetics] Bauer G, et al. *Arzneimittelforschung* 19:Suppl:1434-6, Aug 69 (Ger)
- [The role of the thrombocytes in the induction of intravascular coagulation] Evensen SA, et al. *Bibl Haemat* 32:292-7, 1969 (Ger)
- [Treatment of iatrogenic leukopenia and thrombopenia in bronchial carcinoma using a blood extract] Baldamus U, et al. *Blut* 20:350-62, 1970 (Ger)
- [Chloramphenicol therapy] Blut 20:125-6, Feb 70 (Ger)
- [Experience with methotrexate in the management of psoriasis] Mazzl R. *Dermatologica (Basel)* 139:298-300, 1969 (Ger)
- [Demonstration of the toxic effect of daraprim on hematopoiesis in a re-exposure study] Weirich J, et al. *Deutsch Gesundh* 24:2370-4, 11 Dec 69 (Ger)
- [Treatment of chronic myeloid leukemia and lymphoreticular sarcoma with piposulfan] Schmidt M, et al. *Deutsch Med Wschr* 95:1166-70, 22 May 70 (Ger)
- [Mechanisms of disease-causing immune phenomena of humans] Steffen C. *Klin Wschr* 47:574-81, 1 Jun 69 (Ger)
- [Bone marrow lesions caused by chloramphenicol. Case



# SUBJECT SECTION THROMBOPENIA

- report] Wiontzek H.  
Munchen Med Wschr 111:2267-71, 31 Oct 69 (Ger)
- [Bactrim Roche, a combination preparation of sulfamethoxazole and trimethoprim] Hoigné R, et al.  
Schweiz Med Wschr 99:1511-8, 18 Oct 69 (Ger)
- [L-asparaginase in the treatment of lymphoblastic leukemia in children] Bohlmann HG, et al.  
Z Kinderheilk 107:107-14, 1969 (Ger)
- [Notes on sulfonamide therapy and its adverse effects] Tamura T. J Jap Dent Ass 22:1307-10, 1970 (Jap)
- [Thrombopenia following accidental poisoning with a 50 per cent copper compound] Gębala A, et al.  
Pediat Pol 45:579-84, May 70 (Pol)
- [Results of immunosuppressive treatment of visceral lupus erythematosus] Japa J, et al.  
Pol Tyg Lek 24:1534-6, 6 Oct 69 (Pol)
- [Reactions of the blood system during experimental administration of the antineoplastic antibiotic bruneomycin] Gol'dberg DI, et al.  
Antibiotiki 14:845-9, Sep 69 (Rus)
- [Effect of rubomycin C and B on hemopoiesis in rabbits and rats] Vertogradova TP.  
Antibiotiki 14:1092-6, Dec 69 (Rus)
- [Comparative study of the effect of rubomycin C and B on peripheral blood of animals] Vertogradova TP.  
Antibiotiki 14:840-5, Sep 69 (Rus)
- [Effect on the organs and blood of experimental animals, body distribution and excretion of the antineoplastic antibiotic tauromycesin] Vertogradova TP, et al. Antibiotiki 15:59-63, Jan 70 (Rus)
- [The morphologic composition of peripheral blood following intra-arterial infusion of 5-fluorouracil and alkylating preparations in stomach cancer patients] Chernyi VA. Vop Onkol 16:61-4, Apr 70 (Rus)
- [The results of a clinical study of asafan] Karev NI, et al. Vop Onkol 16:41-5, May 70 (Rus)
- [A clinical study of N-nitrosomethylurea] Vermel' EM, et al. Vop Onkol 16:31-7, May 70 (Rus)
- [Changes in the hematopoietic system during treatment with 5-fluorouracil] Voznyi EK.  
Vop Onkol 16:64-7, Apr 70 (Rus)
- [Treatment of disseminated breast cancer with triethylen-thiophosphoramide (thio-tepa)] Madrigal Alonso PL, et al.  
Acta Oncol (Madrid) 8:135-42, Jul-Dec 69 (Spa)
- ## CLASSIFICATION
- [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. Med Klin 65:443-50, 6 Mar 70 (Ger)
- ## COMPLICATIONS
- Blood coagulation in children with cyanotic congenital heart disease. Iolster NJ.  
Acta Paediat Scand 59:551-7, Sep 70
- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)
- Clinical pathologic conference. Lee RE Jr, et al.  
Amer Heart J 79:552-61, Apr 70
- Hypomunoglobulin G, hyperimmunoglobulin M, intestinal nodular hyperplasia, and thrombocytopenia. An unusual association. Goldstein GW, et al. Arch Dis Child 44:621-4, Oct 69
- 'Non-tropical idiopathic splenomegaly' ('primary hypersplenism'): a review of ten cases and their relationship to malignant lymphomas. Dacie JV, et al.  
Brit J Haemat 17:317-33, Oct 69
- Splenectomy in the treatment of idiopathic thrombocytopenic purpura. Brooks PL, et al.  
Brit J Surg 56:861-3, Nov 69
- Thrombocytopenia and carcinoma. Brodie GN, et al.  
Brit Med J 1:540-1, 28 Feb 70
- Progress in disseminated intravascular coagulation. II. McKay DG. Calif Med 111:279-90, Oct 69
- Pulmonary embolus in acute myelocytic leukemia. Wiernik PH, et al. Cancer 24:581-4, Sep 69
- Pulmonary hematoma associated with thrombocytopenia. Luna MA, et al.  
Chest 57:487-9, May 70
- Thrombocytopenia in a patient with a relatively small facial hemangioma. Successful management with irradiation after failure of prednisone therapy. Corby DG, et al. Clin Pediat (Phila) 8:728-31, Dec 69
- Persistent gingival bleeding in elderly patients. Elfenbaum A. Dent Dig 76:106-8, Feb 70
- Blueberry muffin baby: neonatal neuroblastoma with subcutaneous metastases. Shown TE, et al.  
J Urol 104:193-5, Jul 70
- Nonoperative treatment of unilateral renal vein thrombosis in the newborn. Belman AB, et al.  
JAMA 211:1165-8, 16 Feb 70
- Waterhouse-Friderichsen syndrome induced by pneumococcal shock. Grant MD, et al.  
JAMA 212:1373-4, 25 May 70
- Induction of hypotension in rhesus monkeys and rabbits by intravenous thrombin infusion. Whitaker AN, et al. Lab Invest 20:79-86, Jan 69
- Aspirin and prednisone in microangiopathic haemolytic anaemia. Jobin F, et al. Lancet 2:208-10, 25 Jul 70
- Arterial thrombosis in a patient with chronic thrombocytopenia. Successful treatment with intra-arterial infusion of streptokinase. Hirsh J, et al.  
Med J Aust 2:1304-6, 27 Dec 69
- Mini-exchange and transfusion therapy for drug-induced thrombocytopenia. Shaw AE.  
Med J Aust 2:529-32, 13 Sep 69
- Splenic angioma with thrombocytopenia. Rochmis PG.  
New York J Med 70:2133-6, 15 Aug 70
- Haemolytic-uraemic syndrome: nursing care study. Parry C. Nurs Times 66:811-3, 25 Jun 70
- Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. Pediatrics 46:378-88, Sep 70
- Thrombocytosis following thrombocytopenia in man. Ogston D, et al. Postgrad Med J 45:754-6, Dec 69
- Retinal vein thrombosis with peripheral venous thrombosis and thrombocytopenia. Kalhan SC, et al.  
Proc Roy Soc Med 62:910-1, Sep 69
- Thrombocytopenia and pituitary necrosis associated with rubella. Tiwary CM.  
Proc Roy Soc Med 62:908-9, Sep 69
- Louse-borne relapsing fever. Bryceon AD, et al.  
Quart J Med 39:129-70, Jan 70
- The treatment of chronic lymphocytic leukemia. Silver RT. Seminars Hemat 6:344-56, Oct 69 (44 ref.)
- Thrombocytopenia and its relationship to sporadic idiopathic epistaxis in thoroughbreds. Franco DA.  
Vet Med 64:1071-2, Dec 69
- [The clinical and polygraphic picture of idiopathic cardiomyopathies] Johanovská K.  
Bratisl Lek Listy 53:420-32, Apr 70 (Cze)
- [Myeloid splenomegaly of polydeficient infants] Dab I, et al. Arch Franc Pediat 27:446, Apr 70 (Fre)
- [Prolonged course of a syndrome associating alternative neutropenia, thrombopenia and hemolytic anemia, splenomegaly and multiple adenopathies] Otten J, et al. Arch Franc Pediat 27:445, Apr 70 (Fre)
- [Severe metrorrhagia in a patient with fibromatous thrombocytopenia. Surgical treatment] Caderas de Kerleau J, et al.  
Bull Fed Gynec Obstet Franc 22:124, Jan-Mar 70 (Fre)
- [A case of hemolytic uremic syndrome in adult. Favorable course after bilateral nephrectomy] Giromini M, et al.  
J Urol Nephrol (Paris) 75:955-60, Dec 69 (Fre)
- [Can one measure in vitro the efficacy and toxicity of antilymphocyte serum?] Bach JF, et al.  
Presse Med 78:535-40, 7 Mar 70 (Fre)
- [Hemorrhagic maculopathy in the right eye of a 32-year-old man] Hruby K.  
Ber Deutsch Ophth Ges 69:654-6, 1969 (Ger)
- [Clinical experiences with anticoagulant therapy in children with consumption coagulopathies] Lo SS, et al. Bibl Haemat 32:298-304, 1969 (Ger)
- [An adult with symptoms resembling the Chédiak-Steinbrink-Higashi's syndrome] Glogner P, et al. Deutsch Med Wschr 95:77-8, 9 Jan 70 (Ger)
- [Atypical massive intracerebral hemorrhage] Grote E, et al. Deutsch Z Nervenheilk 197:66-76, 29 Dec 69 (Ger)
- [Coronary diseases in infancy and childhood] Becker H, et al. Helv Paediat Acta 24:474-92, Oct 69 (Ger)
- [Inhibitor of prothrombin activation] Lechner K, et al.  
Klin Wschr 47:1225-32, 15 Nov 69 (Ger)
- [Concurrent mongolism and cystic pancreatic fibrosis] Vetrella M, et al. Klin Wschr 47:333, 15 Mar 69 (Ger)
- [Hemolytic uremic syndrome] Wehinger H, et al.  
Klin Wschr 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Congenital amegakaryocytic thrombocytopenia with final pancytopenia, trisomy 21, and cystic fibrosis] Vetrella M, et al. Z Kinderheilk 107:210-8, 1969 (Ger)
- [Evans' syndrome: report of a case] Saidá K, et al.  
Jap Arch Intern Med 16:387-91, Sep 69 (Jap)
- [Autopsy case of cavernous hemangioma of the liver associated with anemia, thrombopenia and subcutaneous hemorrhage] Yamagiwa H, et al.  
Naika 24:759-61, Oct 69 (Jap)
- [Epsilon-aminocaproic acid (EACA) in treatment of



- excessive menstrual bleeding in girls with chronic thrombocytopenia] Rokicka-Milewska R.  
*Pediat Pol* 45:323-7, Mar 70 (Pol)  
 [Disturbances in hemostasis in secondary thrombocytopenia in the light of studies on platelet aggregation] Lawkowicz W, et al.  
*Pol Arch Med Wewnet* 43:1555-62, Dec 69 (Pol)  
 [Hemolytic anemia and idiopathic thrombocytopenia in the course of visceral lupus erythematosus in the light of personal observations] Musial W, et al.  
*Pol Tyg Lek* 25:654-6, 4 May 70 (Pol)  
 [Hemolytic-uremic syndrome] Sancewicz-Pach K.  
*Przegl Lek* 25:509-11, 1969 (19 ref.) (Pol)  
 [Acute malignant megakaryocytosis associated with pancytopenia] Woessner S, et al.  
*Sangre (Barc)* 15:89-97, 1970 (Spa)

## CONGENITAL

- [Syndrome of congenital thrombopenia with skeletal malformations] Dyszy-Laube B, et al.  
*Pediat Pol* 45:461-5, Apr 70 (Pol)

## DIAGNOSIS

- Primary necrotizing enterocolitis in infants. Wilson SE, et al. *Arch Surg (Chicago)* 99:563-6, Nov 69  
 Thrombocytopenic purpura and carcinoma of the stomach in old age. Voudouris CP, et al.  
*Geriatrics* 24:73-7, Dec 69  
 The platelet aggregation test in group B arbovirus infections. Penttinen K, et al.  
*J Hyg (Camb)* 68:71-6, Mar 70  
 The vascular component in hemostasis. Quick AJ.  
*New Eng J Med* 283:186-9, 23 Jul 70  
 Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 48-1969.  
*New Eng J Med* 281:1234-40, 27 Nov 69  
 Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al.  
*Scand J Haemat* 6:250-61, 1969  
 Atypical chronic lymphoproliferative disease with cold agglutininemia, cryoglobulinemia and gamma G, gamma A, gamma M, gamma D hyperglobulinemia. Quattrin N, et al.  
*Schweiz Med Wschr* 100:306-8, 14 Feb 70  
 The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al.  
*Surg Clin N Amer* 49:1161-70, Oct 69  
 [Anti-leukocyte and anti-platelet fetomaternal allo-immunization] Colombani J, et al.  
*Rev Franc Transfus* 12:Suppl:245-55, 1969 (Fre)  
 [The phenomenon of inhibition of platelet aggregation of extrinsic ADP. Possible technic of detection of antiplatelet-antibodies (preliminary note)] Kondi V, et al. *Rev Franc Transfus* 13:99-103, Mar 70 (Fre)  
 [Life-span and destruction of human thrombocytes] Bleifeld W. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)  
 [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. *Med Klin* 65:443-50, 6 Mar 70 (Ger)  
 [Radioisotopes in clinical hematology. I] Stich W, et al.  
*Z Klin Chem* 7:109-10, Jan 69 (Ger)  
 [Diagnosis of hemorrhagic diatheses. II] Sas G, et al.  
*Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)  
 [Evans' syndrome: report of a case] Salda K, et al.  
*Jap Arch Intern Med* 16:387-91, Sep 69 (Jap)  
 [Hemolytic-uremic syndrome in a 7-year-old boy] Schwalbová M, et al. *Cesk Pediat* 25:282-4, Jun 70 (Sio)

## DRUG THERAPY

- Glucocorticoids in haematology. Videbaek A.  
*Acta Med Scand [Suppl]* 500:Suppl 500:35+, 1969 (49 ref.)  
 Heparin and the haemolytic-uraemic syndrome. Clarkson AR, et al. *Brit Med J* 3:463, 22 Aug 70  
 Haemolytic-uraemic syndrome treated with heparin. Moncrieff MW, et al. *Brit Med J* 1:188-91, 25 Jul 70  
 Thrombocytopenia in a patient with a relatively small facial hemangioma. Successful management with irradiation after failure of prednisone therapy. Corby DG, et al. *Clin Pediat (Phila)* 8:728-31, Dec 69  
 Disseminated intravascular coagulation. Bachmann F.  
*DM* 3-44, Dec 69 (76 ref.)  
 The treatment of acute lymphocytic leukemia. Zubrod CG. *J Chronic Dis* 22:633-5, Mar 70  
 The hemolytic-uremic syndrome in nonrelated adopted siblings. Chan JC, et al. *J Pediat* 75:1050-3, Dec 69  
 Haemolytic-uraemic syndrome and heparin therapy. Ponticelli C, et al. *Lancet* 1:246-7, 31 Jan 70

- Thrombocytopenia and anaemia responding to oxymetholone ("Adroyd") therapy. Reed CS.  
*Med J Aust* 2:801-2, 18 Oct 69  
 Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. *Pediatrics* 46:378-88, Sep 70  
 The haemolytic uraemic syndrome in adults. Clarkson AR, et al. *Quart J Med* 39:227-44, Apr 70  
 Persistent polyagglutinability in vivo unrelated to T-antigen activation. Haynes CR, et al.  
*Transfusion* 10:43-51, Mar-Apr 70  
 [Chronic myelogenous leukemia. Results of therapy with busulfan] Olesen J, et al.  
*Nord Med* 82:1284-90, 9 Oct 69 (Dan)  
 [New principles of treatment in acute leukemia] Nissen NI, et al.  
*Ugeskr Laeg* 132:821-30, 30 Apr 70 (69 ref.) (Dan)  
 [Myelo-monocytic syndrome in infants. Apropos of a case] Lambert J, et al.  
*Ann Pediat (Paris)* 17:436-41, Jun-Jul 70 (Fre)  
 [Multiple autoantibodies in the course of Hodgkin's disease: interpretation of erythroblastopenia] Guerra L, et al.  
*Nouv Rev Franc Hemat* 9:601-10, Sep-Oct 69 (Fre)  
 [The therapy of intravascular blood coagulation disorders in pediatrics] Bruster H.  
*Bibl Haemat* 32:305-11, 1969 (Ger)  
 [Long-term therapy of immunologic diseases with special reference to the use of immunosuppressive agents] Scheiffarth F, et al.  
*Deutsch Med Wschr* 94:2444-9, 21 Nov 69 (99 ref.) (Ger)  
 [Thrombocyte survival during the treatment of essential thrombopenia] Schulz K, et al.  
*Folia Haemat (Leipzig)* 92:567-76, 1969 (Ger)  
 [Hemolytic uremic syndrome. Treatment attempt with a proteinase inhibitor] Ritter R.  
*Med Welt* 52:2790-6, Dec 69 (Ger)  
 [Immunosuppressive agents in hematology] Sanchez-Fayos J.  
*Munchen Med Wschr* 112:530-6, 20 Mar 70 (Ger)  
 [Experience in the therapy of autoimmune diseases] Martin H. *Z Ges Inn Med* 24:536-44, 15 Aug 69 (Ger)  
 [Treatment of various diseases with antilymphocyte globulins] Melli G, et al.  
*Minerva Med* 61:3064-9, 11 Jul 70 (Ita)  
 [Immunosuppressive agents in hematology] Sanchez-Fayos J, et al.  
*Minerva Med* 61:3082-98, 11 Jul 70 (Ita)

## ENZYMOLGY

- [Isoenzymes of fructosephosphate aldolase in the serum of patients with various malignant hemopathies. Isoenzymes of fructosephosphate aldolase. IX] Dikow AL, et al.  
*Z Klin Chem* 7:614-6, Nov 69 (Ger)

## ETIOLOGY

- Thymic dysplasia with immunological deficiency. Report of two unusual cases. Lamvik J, et al.  
*Acta Path Microbiol Scand* 76:349-60, 1969  
 Lassa fever, a new virus disease of man from West Africa. II. Report of a laboratory-acquired infection treated with plasma from a person recently recovered from the disease. Lelifer E, et al.  
*Amer J Trop Med* 19:677-9, Jul 70  
 Coagulation defects and bleeding in open-heart surgery. Signori EE, et al.  
*Ann Thorac Surg* 8:521-9, Dec 69  
 Amegakaryocytic thrombocytopenia in systemic lupus erythematosus. Griner PF, et al.  
*Arch Intern Med (Chicago)* 125:328-32, Feb 70  
 Alcoholic thrombocytopenia in three inpatient drinking alcoholics. Ryback R, et al.  
*Arch Intern Med (Chicago)* 125:475-7, Mar 70  
 Liver tumors in infants and children. Clinical and pathological analysis of 22 cases. Nikaido H, et al.  
*Arch Surg (Chicago)* 101:245-57, Aug 70  
 The effect of dextran (Macrodex) and gelatin (Physiogel) on hemorrhagic diathesis during postirradiation thrombocytopenia in dogs. Kummer H, et al. *Bibl Haemat* 33:472-80, 1969  
 Microangiopathic haemolytic anaemia and mucin-forming adenocarcinoma. Brain MC, et al.  
*Brit J Haemat* 18:183-93, Feb 70  
 Wiskott-Aldrich syndrome: qualitative platelet defects and short platelet survival. Grøttum KA, et al.  
*Brit J Haemat* 17:373-88, Oct 69



# SUBJECT SECTION THROMBOPENIA

- Thrombocytopenia and carcinoma. Brodie GN, et al. *Brit Med J* 1:540-1, 28 Feb 70
- Renal homotransplant rejection associated with microangiopathic haemolytic anaemia. Hutton MM, et al. *Brit Med J* 3:87-8, 11 Jul 70
- Intravascular thrombosis and leukocyte destruction in vivo by heterologous antilymphocyte serum. Anderson ND, et al. *Fed Proc* 29:145-9, Jan-Feb 70
- Selected topics on antilymphocyte serum. Starzl TE, et al. *Fed Proc* 29:186-90, Jan-Feb 70
- Hemorrhage and heat stroke. Kessinger A, et al. *Geriatrics* 25:115-8, Jul 70 (18 ref.)
- Thrombocytosis in patients with lung cancer. Silvis SE, et al. *JAMA* 211:1852-3, 16 Mar 70
- Massive blood transfusion problems. Tombridge TL. *JAMA* 213:629, 27 Jul 70
- Hematologic changes in septicemia. Emerson WA, et al. *Johns Hopkins Med J* 126:69-76, Feb 70
- Haemolytic-uraemic syndrome following mumps vaccination. Dosik H, et al. *Lancet* 1:247, 31 Jan 70
- Coagulation abnormalities in generalised herpes-simplex infection of newborn. Ekert H. *Lancet* 2:775-6, 10 Oct 70
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1321-30, Nov 69
- The before and after of blood clotting. Hiss RG, et al. *Med Clin N Amer* 53:1309-20, Nov 69
- Midline lethal granuloma complicated by thrombocytopenia and pancreatitis. Gandhi B, et al. *Mich Med* 69:493-7, Jun 70
- Morphological alterations of red cells. An important clue in the diagnosis and treatment of intravascular hemolytic processes. Nelson NA, et al. *Mich Med* 69:665-7, Aug 70
- The hemolytic-uremic syndrome. Edelman CM Jr. *New Eng J Med* 281:1072-3, 6 Nov 69
- Studies on the pathogenesis of alcohol-induced sideroblastic bone-marrow abnormalities. Hines JD, et al. *New Eng J Med* 283:441-6, 27 Aug 70
- Isolation of a microtubule from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. Mettler NE. *New Eng J Med* 281:1023-7, 6 Nov 69
- Diffuse neonatal hemangiomatosis. Holden KR, et al. *Pediatrics* 46:411-21, Sep 70
- Haemovascular changes in septic shock. Litton A. *Postgrad Med J* 45:551-4, Aug 69
- Problems and results of cardiac transplantation. Hallman GL, et al. *Progr Cardiovasc Dis* 12:213-20, Nov 69 (19 ref.)
- Development of acute myeloblastic leukemia in a patient with pernicious anemia. Vacha K Jr, et al. *Sborn Ved Prac Lek Fak Karlov Univ* 12:651-7, 1969
- Major surgery in a patient with thrombasthenia and rapid removal of normal platelets. Barive H, et al. *Scand J Haemat* 6:338-42, 1969
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. *Scand J Haemat* 6:377-85, 1969
- Prostaglandins and platelet aggregation in vivo. I. Influence of PGE1 and omega-homo-PGE1 on transient thrombocytopenia and of PGE1 on the LD50 of ADP. Kloeze J. *Thromb Diath Haemorrh* 23:286-92, 1970
- The role of the platelet and leukocyte in disseminated intravascular coagulation caused by bacterial endotoxin. Margaretten W, et al. *Thromb Diath Haemorrh* 36:Suppl 36:151+, 1969
- Chronic intravascular coagulation (IFC) syndrome. Owen CA Jr, et al. *Thromb Diath Haemorrh* 36:Suppl 36:197+, 1969
- Consumptive coagulopathy, shock, and the artificial heart. DeVries WC, et al. *Trans Amer Soc Artif Intern Organs* 16:29-36, 1970
- Mechanism whereby platelets support the endothelium. Wojcik JD, et al. *Transfusion* 9:324-35, Nov-Dec 69
- The response of beagle dogs to protracted exposure to 60Co gamma-rays at 5-35 R-day. II. Survival and clinical observations. ANL-7535. Norris WP, et al. *US AEC Argonne Nat Lab* 156-7, Dec 68
- [Myelo-monocytic syndrome in infants. Apropos of a case] Lambert J, et al. *Ann Pediat (Paris)* 17:436-41, Jun-Jul 70 (Fre)
- [The place of heparin in the treatment of homograft rejection] Baille Y, et al. *Marseille Med* 107:89-104, 1970 (Fre)
- [Neonatal thrombocytopenia] Béthenod M, et al. *Pediatric* 24:937-50, Dec 69 (Fre)
- [Acute thrombopenia in the child] Monnet P, et al. *Pediatric* 24:885-909, Dec 69 (Fre)
- [Thrombopenia and disseminated intravascular coagulation] Philippe N, et al. *Pediatric* 24:911-28, Dec 69 (Fre)
- [Graft rejection phenomenon and disseminated intravascular coagulation. Study of human heart transplantation] Baille Y, et al. *Presse Med* 77:1459-62, 11 Oct 69 (Fre)
- [Experiences with platelet transfusions in Lyons] Chataing B, et al. *Rev Franc Transfus* 12:Suppl:423-6, 1969 (Fre)
- [Life-span and destruction of human thrombocytes] Bleifeld W. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)
- [Thrombotic thrombocytopenic purpura (Moscowitz syndrome). Report of 2 cases with different clinical course. Studies of the pathogenesis of the hemolytic anemia and of special cerebral findings] Diewitz M, et al. *Arch Klin Med* 216:267-84, 1969 (Ger)
- [Thrombopenic hypersplenism in splenomegalic cirrhosis of the liver] Gehrmann G, et al. *Deutsch Med Wschr* 95:1429-32, 3 Jul 70 (Ger)
- [The so-called pseudo Pelger cells] Meister H. *Folia Haemat (Leipzig)* 92:173-81, 1969 (Ger)
- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Quantitative and immunological aspects of the platelets and leukocytes during autoimmune hemolytic anemia (AHA)] Laghi V, et al. *Folia Allerg (Roma)* 17:149-53, Mar-Apr 70 (Ita)
- [Current aspects of the concept of thrombocytopenia] Parreira F, et al. *Minerva Med* 60:5319-27, 28 Dec 69 (Ita)
- [Do you perform thrombocyte counts in patients with virus diseases?] Grottum KA. *T Norsk Laegeforen* 90:701-3, 1 Apr 70 (Nor)
- [Splenectomy in the light of personal observations] Miklaszewska J, et al. *Pol Tyg Lek* 25:577-9, 20 Apr 70 (Pol)
- [A case of adducted loop syndrome with hypoproteinemia and thrombocytopenia] Shul'tsev GP, et al. *Klin Med (Moskva)* 47:147-8, Jul 69 (Rus)
- [Role of beta-lipoproteinemia in the development of nonspecific agglutination (aggregation) of thrombocytes] Martynov Sm, et al. *Probl Gemat* 14:24-8, Oct 69 (Rus)

## FAMILIAL & GENETIC

- Recent advances in molecular pathology: a review. Some aspects of chromosome changes in cancer. Porter IH, et al. *Exp Molec Path* 11:340-67, Dec 69 (110 ref.)
- The hemolytic-uremic syndrome in nonrelated adopted siblings. Chan JC, et al. *J Pediat* 75:1050-3, Dec 69
- Renal artery stenosis with hypertension in Fanconi's cytopenia. Vowels M, et al. *Med J Aust* 1:173-7, 24 Jan 70
- Hereditary thrombocytopenia with excessively prolonged bleeding time. Stavem P, et al. *Scand J Haemat* 6:250-61, 1969
- [Neonatal thrombocytopenia] Béthenod M, et al. *Pediatric* 24:937-50, Dec 69 (Fre)
- [On a case of chronic familial thrombopenia] Ghilescu S, et al. *Pediatric (Bucur)* 19:271-4, May-Jun 70 (Rum)
- [Congenital nonspherocytic hemolytic anemia with glutathione-dependent enzyme deficiencies (review of the literature)] Eрман LV. *Probl Gemat* 15:46-50, Mar 70 (25 ref.) (Rus)

## IMMUNOLOGY

- Amegakaryocytic thrombocytopenia in systemic lupus erythematosus. Griner PF, et al. *Arch Intern Med (Chicago)* 125:328-32, Feb 70
- Stimulation of thrombocytopoiesis in irradiated mice. Ebbe S, et al. *Blood* 35:783-92, Jun 70
- Megakaryocytopoiesis in experimentally induced immune thrombocytopenia. Rolovic Z, et al. *Blood* 35:173-88, Feb 70
- Platelet cold agglutinins. Watkins SP Jr, et al. *Blood* 36:153-8, Aug 70
- An example of atypical polyagglutinability. Gunson HH, et al. *Brit J Haemat* 17:614-5, Dec 69
- Thrombocytopenia and carcinoma. Brodie GN, et al. *Brit Med J* 1:540-1, 28 Feb 70
- [Anti-leukocyte and anti-platelet feto-maternal allo-immunization] Colombani J, et al. *Rev Franc Transfus* 12:Suppl:245-55, 1969 (Fre)
- [Non-erythrocytic feto-maternal immunizations]



- Ducos J.  
Rev Franc Transfus 12:Suppl:221-43, 1969 (112 ref.) (Fre)
- [Neonatal thrombopenia and hemolytic disease of the newborn due to Rh incompatibility] Malinvaud G, et al. Rev Franc Transfus 12:Suppl:277-90, 1969 (Fre)
- [The appearance of leukocyte and thrombocyte antibodies in internal diseases] Leverenz S, et al. Allerg Asthma (Leipzig) 15:129-40, 1969 (Ger)
- [Immune thrombopenias and purpura] Brüster H. Allerg Asthmaforsch 5:168-75, 1969 (Ger)
- [Immunopathologic processes in chronic hematologic diseases] Poliwoda H. Deutsch Med J 20:541-6, Sep 69 (Ger)
- [The importance of Gm serum groups for blood transfusion] Kurtewa B. Folia Haemat (Leipzig) 92:287-94, 1969 (Ger)
- [Preparation and therapeutic use of platelet concentrates] Wegner H, et al. Folia Haemat (Leipzig) 92:582-7, 1969 (Ger)
- [Inhibitor of prothrombin activation] Lechner K, et al. Klin Wschr 47:1225-32, 15 Nov 69 (Ger)
- [Studies on young and old thrombocytes] Kummer H, et al. Schweiz Med Wschr 100:328-30, 14 Feb 70 (Ger)
- [Leukocyte antigens, histocompatibility and pregnancy] Ceppellini R. Minerva Ginec 20:857-66, 31 May 68 (Ita)

## METABOLISM

- Detection of thrombopoietic activity in plasma by stimulation of suppressed thrombopoiesis. Shreiner DP, et al. J Clin Invest 49:1709-13, Sep 70

## MICROBIOLOGY

- Isolation of a microtobiote from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. Mettler NE. New Eng J Med 281:1023-7, 6 Nov 69
- Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. Pediatrics 46:378-88, Sep 70

## OCCURRENCE

- Coagulation studies in the hemolytic-uremic syndrome. Avalos JS, et al. J Pediatr 76:538-48, Apr 70
- [Hemolytic uremic syndrome] Wehinger H, et al. Klin Wschr 47:445-7, 1 May 69 (66 ref.) (Ger)

## PATHOLOGY

- Emperipoiesis of granular leukocytes within megakaryocytes in human hemopoietic bone marrow. Larsen TE. Amer J Clin Path 53:485-9, Apr 70
- The hemolytic-uremic syndrome: a study of renal pathologic alterations. Vitsky BH, et al. Amer J Path 57:627-47, Dec 69
- Haemolytic-uraemic syndrome treated with heparin. Moncrieff MW, et al. Brit Med J 1:188-91, 25 Jul 70
- Isolation of a microtobiote from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. Mettler NE. New Eng J Med 281:1023-7, 6 Nov 69
- Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 48-1969. New Eng J Med 281:1234-40, 27 Nov 69
- Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 44-1970. New Eng J Med 283:919-27, 22 Oct 70
- Enteroviruses associated with the hemolytic-uremic syndrome. Ray CG, et al. Pediatrics 46:378-88, Sep 70
- The haemolytic uraemic syndrome in adults. Clarkson AR, et al. Quart J Med 39:227-44, Apr 70
- [Chromosome abnormalities in constitutional cytopenia] Germain D, et al. Nouv Rev Franc Hemat 10:107-17, Jan-Feb 70 (Fre)

## PHYSIOPATHOLOGY

- Changes in platelets and lipids in experimental aeroembolism and bends. Clark ML, et al. Aerospace Med 40:1094-8, Oct 69
- Regulation of thrombopoiesis. Harker LA. Amer J Physiol 218:1376-80, May 70
- Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)

- Measurement of thrombopoiesis in rabbits using 75selenomethionine. Evatt BL, et al. J Clin Invest 48:1615-26, Sep 69
- Platelet production. Harker LA. New Eng J Med 282:492-4, 26 Feb 70 (11 ref.)
- The use of 75Se-methionin for the in vivo study of platelet kinetics. Najean Y, et al. Scand J Haemat 6:395-401, 1969
- [Kinetics of the thrombopoiesis using the 75Se-methionine] Ardaillou N, et al. Nouv Rev Franc Hemat 9:889-95, Nov-Dec 69 (Fre)
- [Determination of the thrombocyte life span with radioisotopes] Adam W. Fortschr Roentgenstr 111:669-74, Nov 69 (Ger)
- [Studies on young and old thrombocytes] Kummer H, et al. Schweiz Med Wschr 100:328-30, 14 Feb 70 (Ger)

## PREVENTION &amp; CONTROL

- Therapeutic studies in osteopetrosis. Report of 4 cases. Moe PJ, et al. Acta Paediatr Scand 58:593-600, Nov 69
- Reduction of toxicity in cancer chemotherapy. Perry S. Cancer Res 29:2319-25, Dec 69 (57 ref.)
- Cyclophosphamide regimens in rhesus monkey with and without marrow infusion. Storb R, et al. Cancer Res 30:2195-203, Aug 70

## RADIOTHERAPY

- Chronic lymphocytic leukaemia treatment by splenic irradiation. Parmentier C, et al. Brit J Haemat 17:407, Oct 69

## SURGERY

- The risk of splenectomy. A review of 310 cases. Hodam RP. Amer J Surg 119:709-13, Jun 70
- [A case of hemolytic and uremic syndrome in an adult, favorable development following bilateral nephrectomy] Giromini M, et al. Helv Med Acta [Suppl] 49:179-80, 1969 (Fre)

## THERAPY

- Drug-induced bone marrow injury. Yunis AA. Advances Intern Med 15:357-76, 1969 (101 ref.)
- Long-term platelet support of patients with aplastic anemia. Effect of splenectomy and steroid therapy. Grumet FC, et al. Ann Intern Med 73:1-7, Jul 70
- Amegakaryocytic thrombocytopenia in systemic lupus erythematosus. Griner PF, et al. Arch Intern Med (Chicago) 125:328-32, Feb 70
- Storage of platelet concentrates at 22 degrees C. Murphy S, et al. Blood 35:549-57, Apr 70
- Preparation and uses of platelet concentrates. Kay HE. Brit J Haemat 17:603, Dec 69
- Platelet transfusion. Jay AC. J Indiana Med Ass 63:910, Aug 70
- Mini-exchange and transfusion therapy for drug-induced thrombocytopenia. Shaw AE. Med J Aust 2:529-32, 13 Sep 69
- Plasma exchange with NCI-IBM blood cell separator. Buckner CD, et al. Rev Franc Etud Clin Biol 14:803-5, Oct 69
- The diagnosis and management of unusual bleeding in the surgical patient. Bowie EJ, et al. Surg Clin N Amer 49:1161-70, Oct 69
- Circulation of concentrated one-day-old platelets in vivo. Roy A, et al. Transfusion 10:52-7, Mar-Apr 70
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Emergency therapy in platelet syndromes] Gilly R, et al. Pediatrie 24:927-36, Dec 69 (Fre)
- [Hemolytic uremic syndrome in children] Beyer P. Presse Med 77:1745-6, 15 Nov 69 (Fre)
- [Experiences with platelet transfusions in Lyons] Chataing B, et al. Rev Franc Transfus 12:Suppl:423-6, 1969 (Fre)
- [Treatment of iatrogenic leukopenia and thrombopenia in bronchial carcinoma using a blood extract] Baldamus U, et al. Blut 20:350-62, 1970 (Ger)
- [Experiences in the use of Cohn's fraction I] Beeser H, et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)
- [Preparation and therapeutic use of platelet concentrates] Wegner H, et al. Folia Haemat (Leipzig) 92:582-7, 1969 (Ger)
- [Specific hemotherapy] Stich W. Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)



## SUBJECT SECTION

- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Thrombocyte survival time in thrombocytopenias] Schulz K, et al. *Med Klin* 65:443-50, 6 Mar 70 (Ger)
- [Thrombocytochemistry in patients with hematologic diseases] Schulz K, et al. *Z Ges Inn Med* 24:614-20, 15 Sep 69 (Ger)
- [Thrombopenia] Morita H. *Naika* 25:1216-9, Jun 70 (Jap)
- [Splenectomy in the light of personal observations] Miklaszewska J, et al. *Poi Tyg Lek* 25:577-9, 20 Apr 70 (Pol)
- [Therapeutic value of peritoneal dialysis in the hemolytic-uremic syndrome of infants] Démant F, et al. *Cesk Pediat* 25:316-9, Jul 70 (Slo)
- [Occurrence of serum hepatitis following the administration of Cohn's fraction I or fibrinogen and antihemophilic globulin (AHG) respectively] Fábryová L, et al. *Vnitřní Lek* 16:123-6, Feb 70 (Slo)

### VETERINARY

- Thrombocytopenia and its relationship to sporadic idiopathic epistaxis in thoroughbreds. Franco DA. *Vet Med* 64:1071-2, Dec 69

### THROMBOPLASTIN

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. *Acta Obstet Gynec Scand* 48:371-91, 1969
- Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:405-15, 1969
- Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. Nielsen NC. *Acta Obstet Gynec Scand* 48:392-404, 1969
- Effects of fibrinolytic inhibitors and heparin on induced intravascular coagulation. Nordström S. *Acta Physiol Scand Suppl* 337:1+, 1970
- The management of bleeding in hemophilia. Abildgaard CF. *Advances Pediat* 16:365-90, 1969 (57 ref.)
- One-stage prothrombin time survey. Zucker S, et al. *Amer J Clin Path* 53:340-7, Mar 70
- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. *Amer J Dis Child* 119:365-9, Apr 70
- Selected procoagulants in the guinea pig. Hurt JP, et al. *Amer J Physiol* 218:832-7, Mar 70
- Special indications for gelatin plasma substitutes in gynecology. Pfeiffer GW. *Bibl Haemat* 33:534-5, 1969
- The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Pechet L, et al. *Biochim Biophys Acta* 200:475-85, 31 Mar 70
- Hemostatic defects in dysproteinemias. Perkins HA, et al. *Blood* 35:695-707, May 70
- Hyperfibrinogenemia after ECIB in calves. Holland D, et al. *Brit J Haemat* 17:413, Oct 69
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- Coagulation factor XII deficiency in the porpoise, *Tursiops truncatus*. Lewis JH, et al. *Comp Biochem Physiol* 31:667-70, 15 Nov 69
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Influence of prostaglandins E1 and E2 on coagulation of rat blood. Kloeze J. *Experientia* 26:307-8, 15 Mar 70
- Venous thrombosis in patients with fracture of the upper end of the femur. A phlebographic study of the effect of prophylactic anticoagulation. Hamilton HW, et al. *J Bone Joint Surg [Brit]* 52:268-89, May 70
- Validity of the British system for anticoagulant control using the national reagent. Alderson MR, et al. *J Clin Path* 23:281-5, May 70
- Effects of the spleen on canine factor VIII levels. McKee PA, et al. *J Lab Clin Med* 75:391-402, Mar 70
- The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. Saldeen T. *J Trauma* 10:287-98, Apr 70
- Control of anticoagulant treatment. Nemerson Y. *Lancet* 2:1255, 6 Dec 69
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70

- The genetic heterogeneity of hemophilia B. Brown PE, et al. *New Eng J Med* 283:61-4, 9 Jul 70
- Selective lysis of pulmonary clots. Sakakihara Y, et al. *Surg Gynec Obstet* 130:821-8, May 70
- Disseminated intravascular coagulation in shock. Hardaway RM ed. *Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969
- Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Loellger EA, et al. *Thromb Diath Haemorrh* 23:569-84, 30 Jun 70
- Simplification of the concept of coagulation by revival of the inhibitor theory. Mann FD. *Thromb Diath Haemorrh* 23:12-8, 28 Feb 70
- Pathophysiology of disseminated intravascular coagulation. Müller-Berghaus G. *Thromb Diath Haemorrh* 36:Suppl 36:45-61, 1969
- Coagulation findings in rats with experimental hypersplenism and their changes after splenectomy and after administration of adrenaline. Pudlák P, et al. *Thromb Diath Haemorrh* 23:593-600, 30 Jun 70
- Thromboplastin as a reagent. Quick AJ. *Thromb Diath Haemorrh* 23:585-92, 30 Jun 70
- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)
- [Permanent anticoagulant therapy and heparin administration in long-term dialysis] Froese P. *Klin Wschr* 47:1111-2, 15 Oct 69 (Ger)
- [Effect of fibrinolysis on possible thrombotic disorders] Fürstenberg H, et al. *Langenbecks Arch Chir* 325:361-4, 1969 (Ger)
- [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)
- [Role of tissue factors in local hemostasis] Skipemrov VP. *Probl Gemat* 13:27-31, Jun 68 (Rus)

### ADMINISTRATION & DOSAGE

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl* 7:41, 1969 (112 ref.)
- [Dynamics of the formation and neutralization of thrombin in the blood stream after intravenous injections of tissue thromboplastin] Pastorova VE, et al. *Probl Gemat* 13:16-21, Jun 68 (Rus)

### ADVERSE EFFECTS

- [Thrombopenia and disseminated intravascular coagulation] Philippe N, et al. *Pediatric* 24:911-26, Dec 69 (Fre)

### ANALYSIS

- Experience with Bergna's assay of factor VIII activity. Velkova-Simova N, et al. *Acta Med Jugosl* 22:68-76, 1968
- Thromboplastin and plasminogen activator in tissues of the rabbit. Glas P, et al. *Amer J Physiol* 219:1140-6, Oct 70
- Coagulation failure in pregnancy. Courtney LD. *Brit Med J* 1:691, 14 Mar 70
- The coagulation activity of the aortic wall in atherosclerosis. Nikitin YP. *Cor Vasa* 11:198-206, 1969
- Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.). Gilliam M, et al. *Experientia* 26:908-9, 15 Aug 70
- Platelet factor 3 availability in Glanzmann's disease. Inceman S, et al. *Israel J Med Sci* 5:1259-62, Nov-Dec 69
- Partial purification and properties of urokinase inhibitor from human placenta. Kawano T, et al. *J Biochem (Tokyo)* 67:333-42, Mar 70
- The significance of coagulative and thrombotic changes after injury. Hardaway RM 3d. *J Trauma* 10:354-7, Apr 70
- Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on newborn hemostasis. Bleyer WA, et al. *JAMA* 213:2049-53, 21 Sep 70
- Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. Hasegawa H, et al. *Jap Heart J* 11:258-68, May 70
- Thromboplastic and fibrinolytic activity in lungs of some mammals. Astrup T, et al. *Lab Invest* 22:381-6, May 70



# SUBJECT SECTION

- Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. Hurt JP, et al. *Lab Invest* 23:179-83, Aug 70
- Control of anticoagulant treatment. Nour-Eldin F. *Lancet* 2:1362, 20 Dec 69
- Hyperfibrinolysis in cirrhosis. Boyett JD, et al. *Nebraska Med J* 55:230-6, Apr 70
- Anticoagulant therapy in myocardial infarction. Eastham RD. *New Eng J Med* 281:1425, 18 Dec 69
- Factor XI (PTA) deficiency. Surgical and obstetric aspects. Purcell G Jr, et al. *Obstet Gynec* 35:69-74, Jan 70
- Altered platelet function in newborns. Mull MM, et al. *Pediat Res* 4:229-37, May 70
- Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. Niewiarowski S, et al. *Scand J Haemat* 6:377-85, 1969
- Production of antihemophilic factor by the perfused spleen. Kelly GL, et al. *Surg Forum* 20:82-4, 1969
- Serum transfusion as a hemostatic procedure. Chiba Y. *Tohoku J Exp Med* 98:303-27, Aug 69
- [Circulating anticoagulant against the 1st phase of blood coagulation] Donner L, et al. *Vnitřní Lek* 15:896-904, Sep 69 (Cze)
- [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. *Vnitřní Lek* 16:61-8, Jan 70 (79 ref.) (Cze)
- [Problems of the so-called screening tests in hemophilia] Procházka J. *Vnitřní Lek* 16:69-72, Jan 70 (Cze)
- [The different action of bovine and human factor VIII (anti-hemophilic globulin) on factor X consumption during coagulation] Mayer G, et al. *Rev Franc Etud Clin Biol* 14:1028-31, Dec 69 (Fre)
- [Hemotherapy with an antithrombin-antiplasmin concentrate of human plasma (alpha2-macroglobulin concentrate)] Marx R, et al. *Med Welt* 50:2718-22, 13 Dec 69 (Ger)
- [Dissolution of lipids and proteins in atherosclerotic vascular walls] Anestiadi W. *Verh Deutsch Ges Path* 53:460-3, 1969 (Ger)
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeiffer GW, et al. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)
- [Coagulation and fibrinolysis observed in the placenta] Soma H, et al. *J Jap Obstet Gynec Soc* 22:515-20, May 70 (Jap)
- [Symposium on the introduction of rheology into internal medicine. Blood coagulation in rheology] Matsuoka M. *J Jap Soc Intern Med* 58:1344-50, 10 Dec 69 (Jap)
- [Assay procedures of blood coagulation factors. Phase I] Fujimaki M, et al. *Jap J Clin Path* 16:Suppl 16:75-84, 1969 (Jap)
- [Laboratory methods for the estimation of plasma clotting factors. Phase 2] Kagami M. *Jap J Clin Path* 16:Suppl 16:85-92, 1969 (Jap)
- [Thromboplastic and antiheparin activity of homogenates of various organs in rabbits after a cholesterol diet] Farbiszewski R, et al. *Acta Physiol Pol* 20:649-53, Jul-Aug 69 (Pol)
- [The effect of encortone on the coagulation and fibrinolysis system in treating some puerperal infections] Musiatovich Iu, et al. *Probl Endokr (Moskva)* 13:50-3, Mar-Apr 67 (Rus)
- [Changes in blood coagulation factor 3 in rheumatism] Vinogradov NI. *Vop Revm* 8:83-4, Oct-Dec 68 (Rus)

## ANTAGONISTS & INHIBITORS

- Inhibition of thromboplastin-induced intravascular coagulation by heparin and Trasylol. Nordström S. *Acta Physiol Scand* 79:390-404, Jul 70
- Biological activities of leupeptins. Aoyagi T, et al. *J Antibiot (Tokyo)* 22:558-68, Nov 69
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al. *Scand J Clin Lab Invest Suppl* 107:59+, 1969
- Synthetic peptides with anticoagulant and vasodilating activity. Blombäck B, et al. *Scand J Clin Lab Invest* 24:Suppl 107:59+, 1969
- [The effect of amino-methyl-cyclohexane-carboxylic acid (AMCHA) in activated hemostasis] Pfeiffer GW, et al. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)
- [Antithromboplastic and antihemorrhagic effect of antienzymes in various pathologic conditions] Agresti A, et al. *Rass Int Clin Ter* 48:339-46, 31 Mar 68 (Ita)

## BIOSYNTHESIS

- A "new" congenital haemorrhagic condition due to the presence of an abnormal factor X (factor X Friuli): study of a large kindred. Girolami A, et al. *Brit J Haemat* 19:179-92, Aug 70
- Fletcher factor deficiency: a report of three unrelated cases. Hattersley PG, et al. *Brit J Haemat* 18:411-6, Apr 70
- Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. Bennet NB. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70
- [Change of blood platelet activity in patients with chronic uremia] Cordonnier D, et al. *J Urol Nephrol (Paris)* 75:289-301, Apr-May 69 (Fre)
- [Standardization of the thromboplastin generation test for the determination of antihemophilic globulin A (VIII) and B (IX)] Bergmann A. *Folia Haemat (Leipzig)* 93:376-80, 1970 (Ger)
- [Thromboplastin formation in Waldenström's macroglobulinemia and in multiple myeloma] Zhuravlev VS, et al. *Probl Gemat* 14:27-33, Jul 69 (Rus)

## BLOOD

- Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Kuznik BI, et al. *Cor Vasa* 11:146-53, 1969
- [The dilemma of anticoagulant therapy in coronary heart disease] Loeliger EA. *Nederl T Geneesk* 114:1223, 18 Jul 70 (Dut)
- [The dilemma of anticoagulant therapy in coronary heart disease] Visser J. *Nederl T Geneesk* 114:1221-3, 18 Jul 70 (Dut)

## DIAGNOSTIC USE

- Thromboplastin as a reagent. Quick AJ. *Thromb Diath Haemorrh* 23:585-92, 30 Jun 70

## ISOLATION & PURIFICATION

- The system for laboratory control of oral anticoagulant therapy using the British comparative thromboplastin. Thomson JM, et al. *J Med Lab Techn* 27:207-12, Apr 70
- Thromboplastin as a reagent. Quick AJ. *Thromb Diath Haemorrh* 23:585-92, 30 Jun 70

## METABOLISM

- Influence of pre-eclampsia upon coagulation and fibrinolysis in women and their newborn infants immediately after delivery. Nielsen NC. *Acta Obstet Gynec Scand* 48:523-41, 1969
- Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. Nielsen NC. *Acta Obstet Gynec Scand* 48:505-22, 1969
- A TAME micromethod for the measurement of "esterase prothrombin". Glueck HI, et al. *Amer J Clin Path* 54:239-48, Aug 70
- Acquired factor IX deficiency in the nephrotic syndrome. Natelson EA, et al. *Ann Intern Med* 73:373-8, Sep 70
- Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation. Zbinden G, et al. *Arch Int Pharmacodyn* 181:153-69, Sep 69
- Progress in disseminated intravascular coagulation. II. McKay DG. *Calif Med* 111:279-90, Oct 69
- Fibrinolysis, thromboplastin activity and localization of radioiodinated fibrinogen in experimental tumors. Hilgard P, et al. *Europ J Cancer* 6:157-8, Apr 70
- A familial defect in platelet function associated with impaired release of adenosine diphosphate. Weiss HJ, et al. *New Eng J Med* 281:1264-70, 4 Dec 69
- A simple test for detecting disorders of thromboplastin generation. Benedek E, et al. *Scand J Haemat* 7:49-55, 1970
- Congenital haemorrhagic condition similar but not identical to factor X deficiency. A haemorrhagic state due to an abnormal factor X? Girolami A, et al. *Scand J Haemat* 7:91-9, 1970
- Theory of blood coagulation: applications in disseminated intravascular coagulation. Seegers WH, et al. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969
- [The effect of radiation sickness on tissue thromboplastin activity] Zubairov DM, et al. *Radiobiologia* 10:432-4, May-Jun 70 (Rus)



# SUBJECT SECTION

# TRYPSIN

## PHARMACODYNAMICS

- Effects of epsilon aminocaproic acid (EACA) and Trasylol on thromboplastin-induced intravascular coagulation, studied in dogs with iodine-labelled fibrinogen. Nordström S, et al.  
*Acta Physiol Scand* 76:93-105, May-Jun 69
- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
*Aerospace Med* 41:331-6, Mar 70 (80 ref.)
- Intravascular coagulation syndrome. Matsucka M.  
*Biorheology* 6:248, Jan 70
- Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy. Boyles PW.  
*Clin Pharmacol Ther* 11:251-9, Mar-Apr 70
- Cell-culture synthesis of a factor VIII-like activity. Zacharski LR, et al. *Mayo Clin Proc* 44:784-92, Nov 69
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.  
*Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)

## SECRETION

- Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Kuznik BI, et al.  
*Cor Vasa* 11:146-53, 1969
- Coagulation alterations, hypoxemia, and fat embolism in fracture patients. Bradford DS, et al.  
*J Trauma* 10:307-21, Apr 70

## STANDARDS

- The 1969 survey of prothrombin time. Koepke JA.  
*Amer J Clin Path* 54:502-7, Sep 70
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al.  
*Amer J Clin Path* 53:348-54, Mar 70
- The use of the British comparative thromboplastin for uniformity of laboratory control of oral anticoagulants. Poller L.  
*Brit J Haemat* 17:606-7, Dec 69
- Control of anticoagulants. *Brit Med J* 4:125-6, 18 Oct 69
- The system for laboratory control of oral anticoagulant therapy using the British comparative thromboplastin. Thomson JM, et al.  
*J Med Lab Techn* 27:207-12, Apr 70
- Control of anticoagulant treatment.  
*Lancet* 2:990-1, 8 Nov 69
- [Discussion on the standardization of thromboplastin time] Lasch HG, et al.  
*Internist (Berlin)* 10:Suppl:39-40, Aug 69 (Ger)

## THERAPEUTIC USE

- Double-blind studies on the use of steroids in the treatment of acute hemarthrosis in patients with hemophilia. Kisker CT, et al.  
*New Eng J Med* 282:639-42, 19 Mar 70

## TRYPSIN

- On the Z-substance of striated muscle. Harsányi V, et al.  
*Acta Biochim Biophys Acad Sci Hung* 4:259-64, 1969
- The reaction of azlactone with chymotrypsin and trypsin. Siemieniowski H, et al.  
*Acta Biochim Pol* 16:243-51, 1969
- Histochemical and histo-enzymological investigations of growing cartilage in pseudohypoparathyroidism. Stănescu V, et al.  
*Acta Endocr (Copenhagen)* 60:433-45, Mar 69
- Haemoglobin L Persian Gulf: alpha-57 (E6) glycine leads to arginine. Rahbar S, et al.  
*Acta Haemat (Basel)* 42:189-75, 1969
- Isolation of all tryptic peptides from the aminoethylated beta polypeptide chain of adult hemoglobin from Japanese monkey (*Macaca fuscata fuscata*) and their amino acid compositions. Tachikawa I. *Acta Med Nagasaki* 13:157-69, Mar 69
- The N-terminal structure of adult hemoglobin from Japanese monkey (*Macaca fuscata fuscata*) and the N-terminal amino acids of all the tryptic peptides from its alpha and beta polypeptide chains. Tanaka Y.  
*Acta Med Nagasaki* 13:211-27, Mar 69
- Isolation of all soluble tryptic peptides from the alpha polypeptide chain of adult hemoglobin from Japanese monkey (*Macaca fuscata fuscata*) and their amino acid

- compositions. Terao Y.  
*Acta Med Nagasaki* 13:170-82, Mar 69
- Antitumor factors of regional lymph node cells in the transplantation of Ehrlich ascites tumor cells. II. Properties of antitumor factors. Nakashima Y.  
*Acta Med Okayama* 23:219-26, Jun 69
- Antitumor factors of draining lymph node cells of the mouse sensitized with ehrlich ascites tumor cells. I. Antitumor effect of subcellular factor. Nakashima Y.  
*Acta Med Okayama* 23:95-104, Apr 69
- Immunological activity of ribonucleoproteins. 3. Changes in mammalian ribonucleoproteins upon the effect of whole body x-irradiation. Meréty K, et al.  
*Acta Microbiol Acad Sci Hung* 16:11-7, 1969
- Comparative study on the auditory ossicles related to the pathogeny of otosclerosis. Velican C, et al.  
*Acta Otolaryng (Stockholm)* 68:293-302, Oct 69
- The role of endothelial cells in the pathogenesis of atherosclerosis. Iwanaga Y, et al.  
*Acta Path Jap* 19:161-78, May 69
- The effects of antilymphocyte serum on viraemia and serum interferon of mice infected with West Nile virus. Haahr S.  
*Acta Path Microbiol Scand* 77:167-8, 1969
- Bacterial counts in urine. 2. A comparison of different methods. Haugen J, et al.  
*Acta Path Microbiol Scand* 77:149-61, 1969
- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
*Advances Immun* 10:145-227, 1969 (743 ref.)
- Release from alveolar macrophages of an inhibitor of phagocytosis. Ulrich F, et al.  
*Amer J Physiol* 218:1118-27, Apr 70
- Simplified method for obtaining cell wall tuberculin from mycobacteria. Wong KH, et al.  
*Amer Rev Resp Dis* 102:641-2, Oct 70
- Sequence analysis of microgram amounts of peptides by mass spectrometry. Lenard J, et al.  
*Anal Biochem* 34:286-91, Mar 70
- An assay for carboxypeptidases A and B on polypeptides from protein. Lin Y, et al.  
*Anal Biochem* 32:436-45, Dec 69
- Separation of peptides on macrorotational ion exchangers. Wall RA. *Anal Biochem* 35:203-8, May 70
- Analysis with trinitrobenzenesulfonic acid of peptides separated on paper. Wilson C, et al.  
*Anal Biochem* 35:371-6, Jun 70
- The structure and biosynthesis of hemoglobins A and A2 in the new world primate *Ateles paniscus*: a preliminary account. Boyer SH, et al.  
*Ann NY Acad Sci* 165:360-77, 20 Nov 69
- The effect of postganglionic sympathectomy on the development of hemorrhagic pancreatitis in the dog. Goodhead B, et al. *Ann Surg* 170:951-60, Dec 69
- Viability and infectivity of measles virus-infected nervous tissue frozen in cryoprotective medium. Albrecht P, et al. *Appl Microbiol* 20:160-3, Jul 70
- Airborne stability of tailless bacterial viruses S-13 and MS-2. Dubovi EJ, et al. *Appl Microbiol* 19:624-8, Apr 70
- Rapid fluorescent-antibody stain technique with group A streptococci. Freeburg PW.  
*Appl Microbiol* 19:940-2, Jun 70
- Short-term storage at 4 C of trypsinized tissues. Probst PG, et al. *Appl Microbiol* 19:387-8, Feb 70
- Dengue virus plaque development in simian cell systems. I. Factors influencing virus adsorption and variables in the agar overlay medium. Stim TB.  
*Appl Microbiol* 19:751-6, May 70
- Human pancreatic proteins: amylase, proelastase, and trypsinogen. Allan BJ, et al.  
*Arch Biochem* 136:529-40, Feb 70
- Structural relations in aldolases purified from rat liver and muscle and Novikoff hepatoma. Gracy RW, et al.  
*Arch Biochem* 136:480-90, Feb 70
- Subunit structure of rabbit muscle aldolase: extent of homology of the alpha and beta subunits and age-dependent changes in their ratio. Koida M, et al.  
*Arch Biochem* 134:623-31, Nov 69
- Optical rotatory dispersion and circular dichroism studies on insulin and its trypsin-modified derivatives. Menéndez CJ, et al.  
*Arch Biochem* 140:286-94, Sep 70
- Distribution of carbohydrate among the polypeptide chains and plasmin digest products of human fibrinogen. Mills DA, et al.  
*Arch Biochem* 135:28-35, Dec 69
- Isolation and properties of a fluorescent pigment from *Pseudomonas mildnerii*. Newkirk JD, et al.  
*Arch Biochem* 134:395-400, Nov 69



- Allergic encephalomyelitis: a comparison of the encephalitogenic A1 protein from human and bovine brain. Oshiro Y, et al. *Arch Biochem* 138:606-13, Jun 70
- Bovine interstitial cell-stimulating hormone: purification and properties. Papkoff H, et al. *Arch Biochem* 136:522-8, Feb 70
- Positional isomers of monoene and diene fatty acids of human skin epidermal cells. Wilkinson DI. *Arch Biochem* 136:368-71, Feb 70
- The structure of goat hemoglobins. IV. A third beta chain variant (betaE) with three apparent amino acid substitutions. Wrightstone RN, et al. *Arch Biochem* 138:451-6, Jun 70
- Physico-chemical properties of some vaccinia immunoprecipitinogens. Marquardt J, et al. *Arch Ges Virusforsch* 27:152-65, 1969
- Genetic recombination between plaque-purified mutants of influenza A-NWS and A-2-Singapore viruses. Vonka V, et al. *Arch Ges Virusforsch* 29:361-9, 1970
- Studies on the use of human kidney tissue cultures for detection of cytotoxic properties of human sera. Holowiecki J. *Arch Immun Ther Exp* 17:611-9, 1969
- Vascular density coefficients in normal human retina and relationship to distance from disc. Toussaint D, et al. *Arch Ophthal (Chicago)* 83:281-5, Mar 70
- Prevention of hemorrhagic pancreatitis with fibrinolysin or heparin. Wright PW, et al. *Arch Surg (Chicago)* 100:42-6, Jan 70
- Permeability patterns in pig aorta. Klynstra FB, et al. *Atherosclerosis* 11:451-62, May-Jun 70
- Serologic evidence of Newcastle disease virus in Canada geese. Palmer SF, et al. *Avian Dis* 14:494-502, Aug 70
- The nature of a hydroxylamine-sensitive bond in collagen. Bornstein P. *Biochem Biophys Res Commun* 36:957-64, 10 Sep 69
- Muscle-type aldolase isolated from a liver tumor. Brox LW, et al. *Biochem Biophys Res Commun* 36:994-8, 10 Sep 69
- An active fragment of DNA polymerase produced by proteolytic cleavage. Brutlag D, et al. *Biochem Biophys Res Commun* 37:982-9, 4 Dec 69
- Cyclic 3',5'-nucleotide phosphodiesterase. Demonstration of an activator. Cheung WY. *Biochem Biophys Res Commun* 38:533-8, 6 Feb 70
- Native tropomyosin: effect on the interaction of actin with heavy meromyosin and subfragment-1. Eisenberg E, et al. *Biochem Biophys Res Commun* 40:50-6, 13 Jul 70
- Modification of carboxyl groups in the active site of trypsin. Eyl A, et al. *Biochem Biophys Res Commun* 38:149-55, 6 Jan 70
- Myeloperoxidase X: comparison of normal human leucocyte myeloperoxidase prepared with and without the use of trypsin. Felberg NT, et al. *Biochem Biophys Res Commun* 37:213-8, 8 Oct 69
- A general method for the isolation of labelled peptides from affinity-labelled proteins. Glivol D, et al. *Biochem Biophys Res Commun* 38:825-30, 20 Feb 70
- Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*. Jurasek L, et al. *Biochem Biophys Res Commun* 37:99-105, 24 Sep 69
- The protein composition of sarcoplasmic reticulum membranes. Martonosi A. *Biochem Biophys Res Commun* 36:1039-44, 10 Sep 69
- Utilization of protoporphyrin for the synthesis of cytochrome C in yeast deficient of heme biosynthesis. Miyake S, et al. *Biochem Biophys Res Commun* 40:85-90, 13 Jul 70
- Chemical modifications of amino groups of trypsin. Nureddin A, et al. *Biochem Biophys Res Commun* 36:999-1005, 10 Sep 69
- The amino acid sequence of taro ferredoxin. Rao KK, et al. *Biochem Biophys Res Commun* 38:500-6, 6 Feb 70
- Purification and characterization of a naturally occurring activator of cholesterol biosynthesis from delta 5,7-cholestadienol and other precursors. Ritter MC, et al. *Biochem Biophys Res Commun* 38:921-9, 12 Mar 70
- A specific binding site for 3',5' cyclic AMP in rat parotid microsomes. Salomon Y, et al. *Biochem Biophys Res Commun* 38:106-11, 6 Jan 70
- Gene expression in an interspecific hybrid: analysis of hemoglobins in donkey, horse, and mule by peptide mapping. Isaacs WA. *Biochem Genet* 4:73-85, Feb 70
- The reactivity of thiol groups and the subunit structure of aldolase. Anderson PJ, et al. *Biochem J* 117:291-8, Apr 70
- Bovine brain creatine phosphotransferase: amino acid sequence around the essential thiol groups. Atherton RS, et al. *Biochem J* 117:30P-31P, Apr 70
- The subunit structure of jack-bean urease. Bailey CJ, et al. *Biochem J* 113:669-77, Jul 69
- Zymogen activation as a sensitive enzyme-amplifying assay for a protease with tryptic specificity. Barrett D. *Biochem J* 117:57-9, Mar 70
- Histone F1. Purification and phosphorus content. Buckingham RH, et al. *Biochem J* 117:157-60, Mar 70
- Amino acid sequences of peptides from a chymotryptic digest of a urea-soluble protein fraction (U.S.3) from oxidized wool. Corfield MC, et al. *Biochem J* 115:323-34, Nov 69
- N-terminal sequences of alpha-crystallin. Corran PH, et al. *Biochem J* 115:789-96, Dec 69
- Effect of polyamines on the stability of brain-cortex ribosomes. Datta RK, et al. *Biochem J* 114:847-54, Oct 69
- The amino acid sequences of cysteine acid-containing peptides from perlecanic acid-oxidized ovotransferrin. Elleman TC, et al. *Biochem J* 116:515-32, Feb 70
- Thiol and disulphide contents of hen ovalbumin. C-terminal sequence and location of disulphide bond. Fothergill LA, et al. *Biochem J* 116:555-61, Feb 70
- Sequence studies of the Fd section of the heavy chain of rabbit immunoglobulin G. Fruchter RG, et al. *Biochem J* 116:249-59, Jan 70
- The amino acid sequence around the active-site cysteine and histidine residues, and the buried cysteine residue in ficin. Husain SS, et al. *Biochem J* 117:333-40, Apr 70
- The amino acid sequence around the active-site cysteine and histidine residues of stem bromelain. Husain SS, et al. *Biochem J* 117:341-6, Apr 70
- The disulphide bonds of the heavy chain of rabbit immunoglobulin G. O'Donnell IJ, et al. *Biochem J* 116:261-8, Jan 70
- Comparison of the acetylation of proteins and nucleic acids. Paik WK, et al. *Biochem J* 116:611-5, Feb 70
- Human immunoglobulin subclasses. Partial amino acid sequence of the constant region of a gamma 4 chain. Pink JR, et al. *Biochem J* 117:33-47, Mar 70
- The amino acid sequences of the Fd fragments of two human gamma-1 heavy chains. Press EM, et al. *Biochem J* 117:641-60, May 70
- The amino acid sequence of Phaseolus aureus L. (mung-bean) cytochrome c. Thompson EW, et al. *Biochem J* 117:183-92, Mar 70
- Structural studies on rabbit skeletal actin. I. Isolation and characterization of the peptides produced by cyanogen bromide cleavage. Adelstein RS, et al. *Biochemistry (Wash)* 9:1355-64, 17 Mar 70
- Degradation and structure of porcine calcitonin-1. Barg WF Jr, et al. *Biochemistry (Wash)* 9:1671-6, 14 Apr 70
- Interactions of the endopeptidase subunit of bovine procarboxypeptidase A-S6. Behnke WD, et al. *Biochemistry (Wash)* 9:4179-88, 13 Oct 70
- Human pituitary growth hormone. Physicochemical investigations of the native and reduced-alkylated protein. Bewley TA, et al. *Biochemistry (Wash)* 8:4701-8, Dec 69
- The use of isoxazolium salts for carboxyl group modification in proteins. Trypsin. Bodlaender P, et al. *Biochemistry (Wash)* 8:4941-9, Dec 69
- Structure of alpha-1-CB8, a large cyanogen bromide produced fragment from the alpha-1 chain of rat collagen. The nature of a hydroxylamine-sensitive bond and composition of tryptic peptides. Bornstein P. *Biochemistry (Wash)* 9:2408-21, 9 Jun 70
- Composition and subunit structure of the inherited group-specific protein of human serum. Bowman BH. *Biochemistry (Wash)* 8:4327-35, Nov 69
- An investigation of the subunit structure of yeast enolase. Brewer JM, et al. *Biochemistry (Wash)* 9:1011-6, 17 Feb 70
- Human pituitary growth hormone. Studies of the tryptophan residue. Brovetto-Cruz J, et al. *Biochemistry (Wash)* 8:4695-701, Dec 69
- Attachment of reticulocyte ribosomes to erythroid cell membranes in vitro. Burka ER, et al. *Biochemistry (Wash)* 9:459-63, 3 Feb 70
- Chemical studies on the cyanogen bromide peptides of rat skin collagen. The covalent structure of alpha 1-CB5, the major hexose-containing cyanogen bromide peptide of alpha 1. Butler WT. *Biochemistry (Wash)* 9:44-50, 6 Jan 70
- Circular dichroism studies on the acid denaturation of



# SUBJECT SECTION

## TRYPSIN

- gamma-immunoglobulin G and its fragments. Doi E, et al. *Biochemistry (Wash)* 9:1066-73, 3 Mar 70
- Isolation and chemical properties of two c-type cytochromes of *Rhodospirillum rubrum*. Dus K, et al. *Biochemistry (Wash)* 9:1984-90, 28 Apr 70
- Amino acid sequence studies on rabbit skeletal muscle actin. Cyanogen bromide cleavage of the protein and determination of the sequences of seven of the resulting peptides. Elzinga M. *Biochemistry (Wash)* 9:1365-74, 17 Mar 70
- The modification of essential carboxylic acid side chains of trypsin. Feinstein G, et al. *Biochemistry (Wash)* 8:4949-55, Dec 69
- A comparison of thiol peptides of heart mitochondrial malate dehydrogenases from pig, chicken, and tuna. Fondy TP, et al. *Biochemistry (Wash)* 9:1001-10, 17 Feb 70
- Isolation and comparative properties of shrimp trypsin. Gates BJ, et al. *Biochemistry (Wash)* 8:4483-9, Nov 69
- Affinity labeling of a mouse myeloma protein which binds nitrophenyl ligands. Kinetics of labeling and isolation of a labeled peptide. Goetzl EJ, et al. *Biochemistry (Wash)* 9:1267-78, 3 Mar 70
- Water-insoluble enzymes. Synthesis of a new carrier and its utilization for preparation of insoluble derivatives of papain, trypsin, and subtilisin. Goldstein L, et al. *Biochemistry (Wash)* 9:2322-34, 26 May 70
- Relations of reactivity to structure in pancreatic ribonuclease. II. Positions of residues alkylated in certain conditions by bromoacetate. Goren HJ, et al. *Biochemistry (Wash)* 9:974-83, 17 Feb 70
- Characterization of the aggregated states of glycogen phosphorylases by gel electrophoresis. Hedrick JL, et al. *Biochemistry (Wash)* 8:4012-9, Oct 69
- The transient inactivation of trypsin by mild acetylation with N-acetylimidazole. Houston LL, et al. *Biochemistry (Wash)* 9:156-66, 6 Jan 70
- The derivatization of cross-linked polyacrylamide beads. Controlled introduction of functional groups for the preparation of special-purpose, biochemical adsorbents. Inman JK, et al. *Biochemistry (Wash)* 8:4074-82, Oct 69
- Amino acid sequence of cyanogen bromide peptides from the amino-terminal region of chick skin collagen. Kang AH, et al. *Biochemistry (Wash)* 9:796-804, 17 Feb 70
- Partial sequences of six macroglobulin light chains. Absence of sequence correlates to functional activity. Kaplan AP, et al. *Biochemistry (Wash)* 8:3944-51, Oct 69
- Natural inhibitors of the transfer ribonucleic acid methylases. Kerr SJ. *Biochemistry (Wash)* 9:690-5, 3 Feb 70
- Control of hemoglobin synthesis at the translation level. Nascent polypeptide chain distribution on rabbit reticulocyte polyribosomes. Luppis B, et al. *Biochemistry (Wash)* 9:4175-9, 13 Oct 70
- Isolation and properties of a protein from chloroplasts required for phosphorylation and H<sup>+</sup> uptake. Lynn WS, et al. *Biochemistry (Wash)* 8:4789-93, Dec 69
- Pituitary lactogenic hormone. Reaction of tetranitromethane with ovine hormone. Ma L, et al. *Biochemistry (Wash)* 9:2302-6, 26 May 70
- Multiple molecular forms of alpha-amylase from the rabbit. Malacinski GM, et al. *Biochemistry (Wash)* 8:4382-90, Nov 69
- Single-chain nature of human serum transferrin. Mann KG, et al. *Biochemistry (Wash)* 9:1348-54, 17 Mar 70
- Studies of the location of the tyrosyl residues in insulin. I. Menendez CJ, et al. *Biochemistry (Wash)* 8:5044-51, Dec 69
- Studies of the location of the tyrosyl residues in insulin. II. Menendez CJ, et al. *Biochemistry (Wash)* 8:5052-9, Dec 69
- Cell-free synthesis of ferredoxin in clostridial extracts. Nepokroeff C, et al. *Biochemistry (Wash)* 9:2074-81, 12 May 70
- Immunochemistry of staphylococcal nuclease. II. Inhibition and binding studies with sequence fragments. Omenn GS, et al. *Biochemistry (Wash)* 9:313-21, 20 Jan 70
- Immunochemistry of staphylococcal nuclease. I. Physical, enzymatic, and immunological studies of chemically modified derivatives. Omenn GS, et al. *Biochemistry (Wash)* 9:304-12, 20 Jan 70
- Isolation of a zinc alpha-2-macroglobulin from human serum. Parisi AF, et al. *Biochemistry (Wash)* 9:2421-6, 9 Jun 70
- Immunological cross-reaction between trypsin and chymotrypsin as a guide to structural homology. Sanders MM, et al. *Biochemistry (Wash)* 9:2356-63, 26 May 70
- An effect of calcium ions on the activity, heat stability, and structure of trypsin. Sipos T, et al. *Biochemistry (Wash)* 9:2766-75, 7 Jul 70
- Structural studies of human gamma D myeloma protein. Spiegelberg HL, et al. *Biochemistry (Wash)* 9:2115-22, 12 May 70
- Determination of interaction parameters for a generalized associating system from colligative data. Steiner RF. *Biochemistry (Wash)* 9:1375-9, 17 Mar 70
- Coding properties of methyl-deficient phenylalanyl transfer ribonucleic acid from *Escherichia coli*. Stern R, et al. *Biochemistry (Wash)* 9:10-8, 6 Jan 70
- Studies on lysyl transfer ribonucleic acid synthetase from *Escherichia coli*. Stern R, et al. *Biochemistry (Wash)* 8:4346-54, Nov 69
- Chemical and physical properties of *Escherichia coli* glutamate decarboxylase. Strausbauch PH, et al. *Biochemistry (Wash)* 9:226-33, 20 Jan 70
- Structure of the binding site of pyridoxal 5'-phosphate to *Escherichia coli* glutamate decarboxylase. Strausbauch PH, et al. *Biochemistry (Wash)* 9:233-8, 20 Jan 70
- Amino acid sequence adjoining the lone tryptophan of human serum albumin. A binding site of the protein. Swaney JB, et al. *Biochemistry (Wash)* 9:2570-4, 23 Jun 70
- Proteolytic fragmentation of bovine heart heavy meromyosin. Tada M, et al. *Biochemistry (Wash)* 8:4842-50, Dec 69
- Reduced nicotinamide-adenine dinucleotide phosphate dependent biliverdin reductase: partial purification and characterization. Tenhunen R, et al. *Biochemistry (Wash)* 9:298-303, 20 Jan 70
- Chemical evidence of a disulfide bond in bovine carboxypeptidase A. Walsh KA, et al. *Biochemistry (Wash)* 9:219-25, 20 Jan 70
- Amino acid sequence of the phosphorylated site in rabbit liver glycogen phosphorylase. Wolf DP, et al. *Biochemistry (Wash)* 9:1923-9, 28 Apr 70
- Peptides of a biologically active tryptic digest of bovine growth hormone. Yamasaki N, et al. *Biochemistry (Wash)* 9:1107-14, 3 Mar 70
- Immunochemical studies on lysozyme and carboxymethylated lysozyme. Young JD, et al. *Biochemistry (Wash)* 9:2755-62, 7 Jul 70
- Determination of trypsin-inhibitor complex dissociation by use of the active site titrant, p-nitrophenyl p'-guanidinobenzoate. Zahnley JC, et al. *Biochemistry (Wash)* 9:1428-33, 17 Mar 70
- Alteration of the conformational response and inhibition of xanthosine 5'-phosphate aminase by adenine glycosides. Zyk N, et al. *Biochemistry (Wash)* 9:677-83, 3 Feb 70
- Peptide analysis of normal human immunoglobulin M. Beale D, et al. *Biochim Biophys Acta* 207:265-7, 28 Apr 70
- On the mechanism of hormone action. XV. Subcellular distribution and binding of (1,2-<sup>3</sup>H)cortisol in rat liver. Beato M, et al. *Biochim Biophys Acta* 192:494-507, 30 Dec 69
- Hemoglobin J Taichung:beta-129 ALA--ASP. Blackwell RQ, et al. *Biochim Biophys Acta* 194:1-5, 11 Nov 69
- Kinetics of the trypsin-catalyzed hydrolysis and ethanolsolysis of L-lysine methyl ester. Castañeda-Aguilló M, et al. *Biochim Biophys Acta* 191:362-9, 4 Nov 69
- Cyclic 3',5'-nucleotide phosphodiesterase. Preparation of a partially inactive enzyme and its subsequent stimulation by snake venom. Cheung WY. *Biochim Biophys Acta* 191:303-15, 4 Nov 69
- Studies on the structure of ferritin and apoferritin from horse spleen. I. Tryptic digestion of ferritin and apoferritin. Crichton RR. *Biochim Biophys Acta* 194:34-42, 11 Nov 69
- Accumulation of inhibitors of protein synthesis after valine starvation. II. Effect on polyphenylalanine synthesis and the binding of phenylalanyl transfer RNA. Daneo-Moore L, et al. *Biochim Biophys Acta* 195:145-55, 19 Nov 69
- The influence of a free alpha-ammonium group in the substrate upon trypsin-catalyzed transesterification. Del Castillo LM, et al. *Biochim Biophys Acta* 191:354-61, 4 Nov 69
- Properties of the xanthine oxidase from human liver. Della Corte E, et al. *Biochim Biophys Acta* 191:164-6, 30 Sep 69



- Active site peptides of rhodanese. Detoma F, et al. *Biochim Biophys Acta* 207:144-9, 28 Apr 70
- An extractable collagenase from crustacean hepatopancreas. Elsen AZ, et al. *Biochim Biophys Acta* 191:517-26, 1969
- Localization of rabbit intestinal sucrase with ferritin-antibody conjugates. Gitzelmann R, et al. *Biochim Biophys Acta* 196:20-8, 6 Jan 70
- Natural F-actin. IV. Length distribution and its change studied by electron microscopy. Hama H, et al. *Biochim Biophys Acta* 194:470-7, 23 Dec 69
- The major genetic variant macropeptides of kappa-casein—a comparison of their amino acid contents and tryptic peptides. Hill RJ, et al. *Biochim Biophys Acta* 200:267-74, 17 Feb 70
- Hemoglobin G Georgia or alpha 2-95 Leu (G-2) beta-2. Huisman TH, et al. *Biochim Biophys Acta* 200:578-80, 31 Mar 70
- Preparation and physicochemical properties of functional hemoprotein P450 from mammalian tissue microsomes. Ichikawa Y, et al. *Biochim Biophys Acta* 200:220-40, 17 Feb 70
- The amino acid composition of the subunit of the NADP-specific glutamate dehydrogenase from *Neurospora crassa*. Jacobson JW, et al. *Biochim Biophys Acta* 188:283-6, 1969
- Dissociation and reconstitution of 12-S toxin of *Clostridium botulinum* type E. Kitamura M, et al. *Biochim Biophys Acta* 194:564-71, 23 Dec 69
- Studies on the subunit structure of chorismate mutase-prephenate dehydrogenase from *Aerobacter aerogenes*. Koch GL, et al. *Biochim Biophys Acta* 212:387-95, 16 Sep 70
- Protein subunits in the potato virus X group. Determination of the molecular weights by polyacrylamide electrophoresis. Koenig R, et al. *Biochim Biophys Acta* 207:184-9, 28 Apr 70
- Amino acid sequence of phospholipase A from porcine pancreas. Maroux S, et al. *Biochim Biophys Acta* 188:351-2, 1969
- Enzymatic synthesis of carbonic anhydrases by human reticulocytes. Meyers NL, et al. *Biochim Biophys Acta* 195:176-85, 19 Nov 69
- Isolation and properties of two chymotrypsins from the turtle *Pseudemys elegans*. Möckel W, et al. *Biochim Biophys Acta* 191:370-8, 4 Nov 69
- The effect of proteases on membrane ATPase from two lactic acid bacteria. Neujahr HY. *Biochim Biophys Acta* 203:261-70, 21 Apr 70
- Properties and state of particulate tyrosinase of xanthic goldfish. Obika M, et al. *Biochim Biophys Acta* 212:369-74, 16 Sep 70
- Mechanism of colicin E2-induced DNA degradation in *Escherichia coli*. Oblinata M, et al. *Biochim Biophys Acta* 199:330-9, 18 Feb 70
- Synthesis of chromosomal proteins during the maturation of chicken erythrocytes. Sadgopal A, et al. *Biochim Biophys Acta* 190:486-95, 22 Oct 69
- The effects of monovalent and divalent cations on the ATPase activity of myosin. Seidel JC. *Biochim Biophys Acta* 189:162-70, 21 Oct 69
- The reactivity of tyrosyl residues in Bence Jones protein: differences in rates of iodination in covalent and noncovalent dimers. Seon BK, et al. *Biochim Biophys Acta* 194:397-405, 23 Dec 69
- Reactivity of tyrosine residues in the constant portion of type K Bence Jones protein. Seon BK, et al. *Biochim Biophys Acta* 200:81-8, 20 Jan 70
- Unreactive epsilon-amino groups in collagens. Steven FS, et al. *Biochim Biophys Acta* 188:334-6, 1969
- A novel protoplast-bursting factor (surfactin) obtained from *Bacillus subtilis* IAM 1213. II. The interaction of surfactin with bacterial membranes and lipids. Tsukagoshi N, et al. *Biochim Biophys Acta* 196:211-4, 1970
- Research on the carbohydrate-peptide linkage of porcine pancreatic ribonuclease. Tsuruo T, et al. *Biochim Biophys Acta* 200:544-59, 31 Mar 70
- Purification of two proelastases from porcine pancreas. Uram M, et al. *Biochim Biophys Acta* 194:102-11, 11 Nov 69
- Peptide analysis of mouse embryonic globin chains. Vulpis G, et al. *Biochim Biophys Acta* 207:390-4, 23 Jun 70
- Effects of lysozyme on competence for *Bacillus subtilis* transfection. Wilson GA, et al. *Biochim Biophys Acta* 199:464-75, 18 Feb 70
- Participation of soluble liver proteins in the exchange of membrane phospholipids. Wirtz KW, et al. *Biochim Biophys Acta* 193:105-16, 14 Oct 69
- Preparation of polymeric protein markers and an investigation of their behavior in sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Wolf B, et al. *Biochim Biophys Acta* 200:180-3, 20 Jan 70
- Purification of cytochrome b5-like hemoprotein from anaerobically grown yeast. Yoshida Y, et al. *Biochim Biophys Acta* 189:461-3, 1969
- Receptor sites on human monocytes for complement: binding of red cells sensitized by cold autoantibodies. Huber H, et al. *Brit J Haemat* 19:19-26, Jul 70
- Pancreatic extracts. *Brit Med J* 2:161-3, 18 Apr 70
- Acetyl-L-alanyl-L-alanyl-L-alanine methyl ester: a new highly specific elastase substrate. Gertler A, et al. *Canad J Biochem* 48:384-6, Mar 70
- Hemoglobin Broussais: alpha-90 lys changed to asn. Vella F, et al. *Canad J Biochem* 48:908-10, Aug 70
- Abnormal extracellular components in Wilms' tumor. Allerton SE, et al. *Cancer Res* 30:679-83, Mar 70
- Susceptibility of various kinds of elastin to elastolytic enzymes, trypsin and chymotrypsin. Loeven WA. *Clin Chim Acta* 27:521-33, Mar 70
- The amino acid composition of gray matter ganglioside-peptides of normal human and Tay-Sachs brains. Palo J, et al. *Clin Chim Acta* 27:481-90, Mar 70
- Photometric estimation of lipase activity using micellar solubilized substrate. Seifert UB. *Clin Chim Acta* 28:51-60, Apr 70
- A comparison of Maltese and Sicilian sparrow haemoglobins. Brown IR, et al. *Comp Biochem Physiol* 34:557-62, 1 Jun 70
- Comparative biochemistry of proteases from a coelenterate. Coan MH, et al. *Comp Biochem Physiol* 32:127-39, 1 Jan 70
- On hemoglobin. XXVI. Hemoglobin of hedgehog (*Erinaceus romanicus*). I. Máslar P. *Comp Biochem Physiol* 33:697-703, 1 Apr 70
- On the evolution of endopeptidases. 8. Cross-reactions of trypsin and chymotrypsins of different species. Pfleiderer G, et al. *Comp Biochem Physiol* 33:955-67, 15 Apr 70
- A comparison of fingerprints of tryptic digests of human, horse and rat apoferritins. Richter GW, et al. *Comp Biochem Physiol* 32:451-8, 1 Feb 70
- Experimental acute pancreatitis. Wanke M. *Curr Top Path* 52:64-142, 1970 (465 ref.)
- The retinal vasculature of the Chinese hamster: a preliminary study. Federman JL, et al. *Diabetologia* 6:186-91, Jun 70
- On the enzyme hydrolysis of fraction Cbeta, isolated from total zein by means of gel filtration. Ganchev KD, et al. *Dokl Bolg Akad Nauk* 22:1397-400, 1969
- Failure of "bound insulin" to affect glucose metabolism of brown fat cells. Loken SC, et al. *Endocrinology* 86:432-4, Feb 70
- Biologic and immunologic similarities between rat and human adrenocorticotropin (ACTH). Matsuyama H, et al. *Endocrinology* 87:756-63, Oct 70
- Progesterone in uterus and plasma. I. Binding in rat uterus 105,000 g supernatant. Milgrom E, et al. *Endocrinology* 87:276-86, Aug 70
- Antigenic structure of human gonadotropins: importance of protein moiety to the antigenic structure of human chorionic gonadotropin. Mori KF. *Endocrinology* 86:97-106, Jan 70
- Progress in the photochemistry of enzymes. McLaren AD. *Enzymologia* 37:273-81, 31 Oct 69
- Sequence studies on Bence Jones proteins. Alescio-Zonta L, et al. *Europ J Biochem* 15:450-63, Sep 70
- A comparative study of the structure of muscle fructose 1,6-diphosphate aldolases. Anderson PJ, et al. *Europ J Biochem* 11:503-9, Dec 69
- Desensitization of yeast phosphofructokinase to ATP-inhibition by a protein fraction from yeast. Atzpodien W, et al. *Europ J Biochem* 12:6-10, Jan 70
- Chemical characterization, spatial distribution and function of a lipoprotein (murein-lipoprotein) of the E. coli cell wall. The specific effect of trypsin on the membrane structure. Braun V, et al. *Europ J Biochem* 10:426-38, Oct 69
- The covalent murein-lipoprotein structure of the *Escherichia coli* cell wall. The attachment site of the lipoprotein on the murein. Braun V, et al. *Europ J Biochem* 13:336-46, Apr 70
- Isolation, characterization and C-terminal sequence of ovine growth hormone. Dellacha JM, et al. *Europ J Biochem* 12:289-95, Feb 70
- Comparative structural studies of the active site of ATP-guanidine phosphotransferases. The essential cysteine tryptic peptide of arginine kinase from



- Homarus vulgaris* muscle. Der Terrossian E, et al. *Europ J Biochem* 11:482-90, Dec 69
- Separation of two types of light polypeptide chains from rabbit gamma-globulins. De Vries GM, et al. *Europ J Biochem* 11:370-5, Dec 69
- The inhibition of porcine pancreas kallikrein by di-isopropyl-fluorophosphate. Kinetics, stoichiometry, and nature of the group phosphorylated. Fiedler F, et al. *Europ J Biochem* 10:419-25, Oct 69
- Isolation of a disulfide bridge containing fragment of the variable part of pig immunoglobulin lambda-chains. Franek F, et al. *Europ J Biochem* 11:165-9, Nov 69
- The coding properties of multiple tRNA for valine and leucine in hemoglobin synthesis. Galizzi A. *Europ J Biochem* 10:561-8, Oct 69
- Isolation and characterization of porcine proelastase. Gertler A, et al. *Europ J Biochem* 12:170-6, Jan 70
- Horse liver alcohol dehydrogenase. On the primary structures of the isoenzymes. Jörnvall H. *Europ J Biochem* 16:41-9, Sep 70
- Horse liver alcohol dehydrogenase. The primary structure of the protein chain of the ethanol-active isoenzyme. Jörnvall H. *Europ J Biochem* 16:25-40, Sep 70
- Horse liver alcohol dehydrogenase. On the primary structure of the ethanol-active isoenzyme. Jörnvall H, et al. *Europ J Biochem* 13:565-76, Apr 70
- The subunit structure of phenylalanyl-tRNA synthetase of *Escherichia coli*. Kosakowski MH, et al. *Europ J Biochem* 12:67-73, Jan 70
- Amino acid sequence of C-terminal fragment of hog pepsin. Kostka V, et al. *Europ J Biochem* 13:447-54, Apr 70
- Effect of trypsin on mitochondrial and microsomal enzymes. Kuylenstierna B, et al. *Europ J Biochem* 12:419-26, Feb 70
- Selective reaction of tyrosyl side chains with iodine in D-glyceraldehyde 3-phosphate dehydrogenase. 1. Study of the differential formation of monolodo and dilodo derivatives. Libor S, et al. *Europ J Biochem* 12:336-44, Feb 70
- Selective reaction of tyrosyl side chains with iodine in D-glyceraldehyde 3-phosphate dehydrogenase. 2. Isolation of the peptides containing reactive tyrosyl side chains. Libor S, et al. *Europ J Biochem* 12:345-8, Feb 70
- Purification from calf thymus of an inhibitor of deoxyribonuclease I. Lindberg MU, et al. *Europ J Biochem* 13:326-35, Apr 70
- Monosubstituted 2,2-dimethyl-3-formyl-L-thiazolidine-4-carbonyl-insulins. Lindsay DG, et al. *Europ J Biochem* 15:547-54, Sep 70
- Structure of porcine secretin. The amino acid sequence. Mutt V, et al. *Europ J Biochem* 15:513-9, Sep 70
- Molecular weight and quaternary structure of yeast L-lactate dehydrogenase (cytochrome b2). 2. Revised heme extinction coefficients and minimal molecular weight. Pajot P, et al. *Europ J Biochem* 12:158-64, Jan 70
- Determination of elastolytic activity with 125-I and 131-I labelled elastin. Robert B, et al. *Europ J Biochem* 11:62-7, Nov 69
- Structural analysis of the glycine-rich, arginine-rich histone from calf thymus: the tryptic peptides. Sautière P, et al. *Europ J Biochem* 12:222-6, Feb 70
- Bactoprenol, ATPase and acetate activating enzymes of a vesicular fraction from *Lactobacillus casei*. Thorne KJ, et al. *Europ J Biochem* 11:582-91, Dec 69
- Markers of the variable and constant region of human lambda immunoglobulin chains. Tischendorf FW, et al. *Europ J Biochem* 13:398-402, Apr 70
- The structure of the porcine pancreatic secretory trypsin inhibitor. I. A sequence determination by Edman degradation and mass spectral identification of the p-bromophenyl-thiohydantoins. Tschesche H, et al. *Europ J Biochem* 16:187-98, Sep 70
- On the use of tetranitromethane as a nitration reagent. The reaction of phenol side-chains in bovine and porcine trypsinogens and trypsins. Vincent JP, et al. *Europ J Biochem* 12:250-7, Feb 70
- A mechanism of the irreversible inactivation of bovine pancreatic ribonuclease by diethylpyrocarbonate. A general reaction of diethylpyrocarbonate. A general reaction of diethylpyrocarbonate with proteins. Wolf B, et al. *Europ J Biochem* 13:519-25, Apr 70
- Synchronized beating of embryonic mouse myocardial cells mediated by FL cells in monolayer culture. Goshima K, et al. *Exp Cell Res* 56:387-92, Aug 69
- Improved method for preparation of single-cell suspensions from mammary glands of adult virgin mouse. Wiepjes GJ, et al. *Exp Cell Res* 61:451-4, Aug 70
- The molecular weights of the subunits of alpha-crystallin. Leon AE, et al. *Exp Eye Res* 10:75-9, Jul 70
- Histochemical demonstration and localization of sialoproteins in the glomerulus. Mohos SC, et al. *Exp Molec Path* 12:316-23, Jun 70
- Occurrence of phyllomedusin, a physalaemin-like decapeptide, in the skin of *Phyllomedusa bicolor*. Anastasi A, et al. *Experientia* 26:866-7, 15 Aug 70
- Inactivation of cystathionase and of cysteine sulfinic acid decarboxylase by proteolytic enzymes: effect of pyridoxal phosphate. Chatagner F, et al. *Experientia* 26:602-4, 15 Jun 70
- Assymetry in the distribution of basic amino acid residues in the moderately lysine-rich histone F2b from calf thymus. Hnilica LS, et al. *Experientia* 26:353-5, 15 Apr 70
- Separation of germ layers in presomite rat embryos. Levak-Svaiger B, et al. *Experientia* 25:1311-2, 15 Dec 69
- Properties of RNA containing bacteriophage f4. Modak MJ, et al. *Experientia* 25:1027, 15 Oct 69
- Studies on the biochemical characterization of human ceruloplasmin. Needleman SB, et al. *Experientia* 26:495-6, 15 May 70
- A trypsin-like protease in guinea pig skin. Song CW, et al. *Experientia* 25:1063-4, 15 Oct 69
- Teleost urophysis. II. Biological characterization of the bladder-contracting activity. Lederis K. *Gen Comp Endocr* 14:427-37, Jun 70
- Studies on esterase histochemistry of amphibian kidney. Kamat DN, et al. *Histochemie* 20:11-20, 1969
- Characteristics of the reaction between diphtheria toxin, pyridine coenzymes and the GTP-splitting transfer factor FI. Klopstech K, et al. *Hoppe Seyler Z Physiol Chem* 350:1377-84, Nov 69
- An elastolytic enzyme acting on neuraminic acid containing red cell glycoproteins. Reinhardt G, et al. *Hoppe Seyler Z Physiol Chem* 351:827-33, Jul 70
- Immunochemical studies on bovine trypsin and trypsinogen derivatives. Arnon R, et al. *Immunochemistry* 7:241-50, Mar 70
- Cleavage of the fourth component of human complement (C4) by C1 esterase: isolation and characteristics of the low molecular weight product. Budzko DB, et al. *Immunochemistry* 7:227-34, Feb 70
- Antibodies of limited heterogeneity: L chains of a single mobility. Roholt OA, et al. *Immunochemistry* 7:329-40, Apr 70
- Naturally occurring rabbit antibodies against the tryptic 3-5S and 5S fragments of rabbit IgG-II. Watanabe S, et al. *Immunochemistry* 7:363-72, Apr 70
- Studies of allograft immunity in mice. II. Mechanism of target cell inactivation in vitro by sensitized lymphocytes. Mauel J, et al. *Immunology* 18:517-35, Apr 70
- Immunogenicity and specificity of collagen. IX. Resistance of different antigenic determinants of calf collagen to proteolytic treatment. Steffen C, et al. *Immunology* 18:849-54, Jun 70
- The first example of auto-anti-M and its consequences in pregnancy. Fletcher JL, et al. *Int Arch Allerg* 37:586-95, 1970
- Macrophage cytophilic antibody in mice. Differentiation between antigen adherence due to these antibodies and opsonin adherence. Tizard IR. *Int Arch Allerg* 36:332-46, 1969
- Synthesis and fate of immunological surface receptors on cultured Burkitt lymphoma cells. Osunkoya BO, et al. *Int J Cancer* 4:159-65, 15 Mar 69
- Transfer of radiation energy between macromolecules at 77 degrees K. Copeland ES, et al. *Int J Radiat Biol* 18:85-9, 1970
- Ultra-violet-light-induced DNA-to-protein cross-linking in HeLa cells. Habazin V, et al. *Int J Radiat Biol* 17:569-75, 1970
- Characterization of a major allergen (cod). Effect of enzymic hydrolysis on the allergenic activity. Aas K, et al. *J Allerg* 44:333-43, Dec 69
- A comparison of two methods in the preparation of rat nerve cells in tissue culture. Cumming WJ, et al. *J Anat* 106:184-5, Jan 70
- Effect of the method of presentation of the medium on the germination and growth of single spores of



- Bacillus subtilis*. Holdom RS, et al.  
J Appl Bact 33:256-61, Mar 70
- A kinetic study of the trypsin catalyzed hydrolysis of a specific anilide substrate. Inagami T.  
J Biochem (Tokyo) 66:277-9, Aug 69
- A study on the interaction of soybean trypsin inhibitor with trypsin by circular dichroism. Ishida M, et al.  
J Biochem (Tokyo) 67:363-71, Mar 70
- Mechanism of release of maternal messenger RNA induced by fertilization in sea urchin eggs. Mano Y, et al.  
J Biochem (Tokyo) 67:611-28, May 70
- Studies on alpha 2-macroglobulin in bovine plasma. II. Interaction of alpha2-macroglobulin and trypsin. Nagasawa S, et al.  
J Biochem (Tokyo) 67:821-32, Jun 70
- Effect of phosphate on the digestion of ribonuclease T1 with proteases. Shiozawa C.  
J Biochem (Tokyo) 66:733-5, Nov 69
- Action of hog pancreatic kallikrein on synthetic substrates and its some other enzymatic properties. Takami T.  
J Biochem (Tokyo) 66:651-8, Nov 69
- Studies on chemically modified cytochrome c. II. The trinitrophenylated cytochrome c. Wada K, et al.  
J Biochem (Tokyo) 66:249-62, Aug 69
- Arginine decarboxylase from *Escherichia coli*. 3. Subunit structure. Boeker EA, et al.  
J Biol Chem 244:5239-45, 10 Oct 69
- The amino acid sequence of peptide (1-24) of rat and human serum albumins. Bradshaw RA, et al.  
J Biol Chem 244:5582-9, 25 Oct 69
- Activity of the reduced zymogen of streptococcal proteinase. Bustin M, et al.  
J Biol Chem 245:846-9, 25 Feb 70
- Isolation of human hepatocuprein and cerebrocuprein. Their identity with erythrocuprein. Carrico RJ, et al.  
J Biol Chem 244:6087-93, 25 Nov 69
- The carboxymethylation of bovine alpha-lactalbumin. Castellino FJ, et al.  
J Biol Chem 245:417-24, 25 Jan 70
- A study of the role of histidine residue 46 in staphylococcal nuclease by solid phase peptide synthesis. Chaiken IM, et al.  
J Biol Chem 245:2337-41, 10 May 70
- A solid phase synthetic study of structure-function relationships in the amino-terminal region of staphylococcal nuclease. Chaiken IM, et al.  
J Biol Chem 245:4718-23, 25 Sep 70
- Characterization of the subunits of the flagella of *Proteus vulgaris*. Chang JY, et al.  
J Biol Chem 244:5196-200, 10 Oct 69
- The inactivation of *Bacillus subtilis* alpha-amylase by N-acetylimidazole and tetranitromethane. Connellan JM, et al.  
J Biol Chem 245:2845-51, 10 Jun 70
- Topography of the active site of staphylococcal nuclease. Affinity labeling with diazonium substrate analogues. Cuatrecasas P.  
J Biol Chem 245:574-84, 10 Feb 70
- Egg white avidin. I. Amino acid composition; sequence of the amino- and carboxyl-terminal cyanogen bromide peptides. DeLange RJ.  
J Biol Chem 245:907-16, 10 Mar 70
- Calf and pea histone IV. 3. Complete amino acid sequence of pea seedling histone IV; comparison with the homologous calf thymus histone. DeLange RJ, et al.  
J Biol Chem 244:5669-79, 25 Oct 69
- Chemical and physical properties of freezing point-depressing glycoproteins from antarctic fishes. DeVries AL, et al.  
J Biol Chem 245:2909-13, 10 Jun 70
- D-serine dehydratase from *Escherichia coli*. II. Analytical studies and subunit structure. Dowhan W Jr, et al.  
J Biol Chem 245:4618-28, 25 Sep 70
- The amino acid sequence in the vicinity of the covalently bound adenylic acid in glutamine synthetase from *Escherichia coli*. Heinrikson RL, et al.  
J Biol Chem 245:138-42, 10 Jan 70
- The complex nature of proelastase, a propeptidase, and associated protein. Hercz A.  
J Biol Chem 244:5556-62, 25 Oct 69
- The effect of thionine on the kinetics of the beta-trypsin-catalyzed hydrolysis of tosyl-L-arginine methyl ester. Himoe A.  
J Biol Chem 245:1836-41, 10 Apr 70
- Formation from trypsin and modified soybean trypsin inhibitor of a complex which upon kinetic control dissociation yields trypsin and virgin inhibitor. Hixson HF Jr, et al.  
J Biol Chem 245:2027-35, 25 Apr 70
- Partial resolution of the enzyme catalyzing oxidative phosphorylation. XXII. Interaction between mitochondrial adenosine triphosphatase inhibitor and mitochondrial adenosine triphosphatase. Horstman LL, et al.  
J Biol Chem 245:1336-44, 25 Mar 70
- The tryptic glycopeptides of bovine thyrotropin. Their composition and similarities to those of luteinizing hormone. Howard SM, et al.  
J Biol Chem 244:6468-76, 10 Dec 69
- Carboxyl-terminal sequence of human gastricsin and pepsin. Huang WY, et al.  
J Biol Chem 245:2189-93, 10 May 70
- Carboxymethylation of sperm whale myoglobin in the crystalline state. Hugli TE, et al.  
J Biol Chem 245:1930-8, 25 Apr 70
- Mechanism of gene expression in *Tenebrio molitor*. Juvenile hormone determination of translational control through transfer ribonucleic acid and enzyme. Ilan J, et al.  
J Biol Chem 245:1275-81, 25 Mar 70
- The primary structure of porcine pancreatic ribonuclease. I. The distribution and sites of carbohydrate attachment. Jackson RL, et al.  
J Biol Chem 245:824-36, 10 Feb 70
- The primary structure of porcine pancreatic ribonuclease. II. The amino acid sequence of the reduced S-aminoethylated protein. Jackson RL, et al.  
J Biol Chem 245:637-53, 10 Feb 70
- Comparative studies on four sulfhydryl endopeptidases ("ficins") of *Ficus glabrata* latex. Jones IK, et al.  
J Biol Chem 245:2765-72, 10 Jun 70
- Dye-sensitized photooxidation as a tool for determining the degree of exposure of amino acid residues in proteins. The methionyl residues in ribonuclease A. Jori G, et al.  
J Biol Chem 245:3375-83, 10 Jul 70
- Purification of synthetic ribonuclease S-peptide derivatives by specific complex formation on columns of ribonuclease S-protein bound to agarose. Kato I, et al.  
J Biol Chem 244:5849-55, 10 Nov 69
- Isolation and chemical properties of two calcitonins from salmon ultimobranchial glands. Keutmann HT, et al.  
J Biol Chem 245:1491-6, 25 Mar 70
- The structure of a phytohemagglutinin receptor site from human erythrocytes. Kornfeld R, et al.  
J Biol Chem 245:2536-45, 25 May 70
- Turkey egg white lysozyme. Preparation of the crystalline enzyme and investigation of the amino acid sequence. LaRue JN, et al.  
J Biol Chem 245:1985-91, 25 Apr 70
- The presence of a common type of subunit in bovine thyroid-stimulating and luteinizing hormones. Liao TH, et al.  
J Biol Chem 245:3275-81, 10 Jul 70
- Modification of a single disulfide bond in trypsinogen and the activation of the carboxymethyl derivative. Light A, et al.  
J Biol Chem 244:6289-96, 25 Nov 69
- Reversibility of denaturation of the zymogen and the proteolyzed zymogen of streptococcal proteinase. Lin MC, et al.  
J Biol Chem 245:3384-7, 10 Jul 70
- Streptococcal proteinase-catalyzed hydrolysis of some ester and amide substrates. Liu TY, et al.  
J Biol Chem 244:5745-56, 25 Oct 69
- Cyanogen bromide cleavage and partial amino acid sequence of porcine growth hormone. Mills JB, et al.  
J Biol Chem 245:3407-15, 10 Jul 70
- The reactions of the sulfhydryl groups of human hemoglobin beta 4. Neer EJ.  
J Biol Chem 245:564-9, 10 Feb 70
- Synthetic studies of structure-function relationships in staphylococcal nuclease. Synthetic analogues of fragment P2. Ontjes DA, et al.  
J Biol Chem 244:6316-22, 10 Dec 69
- Correction of the amino acid sequence of calf liver microsomal cytochrome b5. Ozols J, et al.  
J Biol Chem 244:6617-8, 25 Dec 69
- The primary structure of porcine pancreatic ribonuclease. 3. The disulfide bonds. Phelan JJ, et al.  
J Biol Chem 245:654-61, 10 Feb 70
- Analysis of amino acid phenylthiohydantoins by gas chromatography. Pisano JJ, et al.  
J Biol Chem 244:5597-607, 25 Oct 69
- Bovine liver glutamate dehydrogenase. Sequence of a hexadecapeptide containing a lysyl residue reactive with pyridoxal 5'-phosphate. Piszkievicz D, et al.  
J Biol Chem 245:2622-6, 25 May 70
- The sequence of the NH2-terminal cyanogen bromide fragment from the heavy chain of a gamma-G1 myeloma protein. Pitcher SE, et al.  
J Biol Chem 245:1267-74, 25 Mar 70
- Large glucagon immunoreactivity in extracts of pancreas. Rigopoulou D, et al.  
J Biol Chem 245:496-501, 10 Feb 70
- Reaction of a specific tryptophan residue in streptococcal proteinase with 2-hydroxy-5-nitrobenzyl bromide. Robinson GW.  
J Biol Chem 245:4832-41, 25 Sep 70
- Adenyl cyclase in fat cells. 3. Stimulation by secretin and the effects of trypsin on the receptors for



- lipolytic hormones. Rodbell M, et al.  
*J Biol Chem* 245:718-22, 25 Feb 70
- Studies of hydrogen exchange in proteins. 3. The effects of the chymotrypsinogen-alpha chymotrypsin conversion on hydrogen exchange kinetics.  
 Rosenberg A, et al. *J Biol Chem* 245:4677-83, 25 Sep 70
- Subunit structure and chemical characteristics of pig heart citrate synthase. Singh M, et al.  
*J Biol Chem* 245:4636-40, 25 Sep 70
- The effect on subtilisin activity of oxidizing a methionine residue. Stauffer CE, et al.  
*J Biol Chem* 244:5333-8, 10 Oct 69
- Concerning the mechanism of ester hydrolysis by proteases. Stauffer CE, et al.  
*J Biol Chem* 245:3282-4, 10 Jul 70
- Microsomal heme oxygenase. Characterization of the enzyme. Tenhunen R, et al.  
*J Biol Chem* 244:6388-94, 10 Dec 69
- The amino acid sequence of a lambda type Bence-Jones protein. 3. The complete amino acid sequence and the location of the disulfide bridges. Titani K, et al.  
*J Biol Chem* 245:2171-6, 25 Apr 70
- The amino acid sequence of a lambda type Bence-Jones protein. I. Tryptic peptides. Titani K, et al.  
*J Biol Chem* 245:2142-57, 25 Apr 70
- Crystallization and properties of phosphofructokinase from *Clostridium pasteurianum*. Uyeda K, et al.  
*J Biol Chem* 245:3315-24, 10 Jul 70
- Kinetics of the tryptic hydrolysis of zinc-free bovine insulin. Wang SS, et al.  
*J Biol Chem* 244:5537-43, 25 Oct 69
- Purification and properties of two types of diphosphopyridine nucleotide-linked glycerol 3-phosphate dehydrogenases from chicken breast muscle and chicken liver. White HB 3d, et al.  
*J Biol Chem* 244:6031-9, 10 Nov 69
- Enzymatic and electrochemical polymerization of fibrinogen. Stoner G, et al.  
*J Biomed Mat Res* 3:845-54, Dec 69
- Controlled proteolysis of nascent polypeptides in rat liver cell fractions. I. Location of the polypeptides within ribosomes. Blobel G, et al.  
*J Cell Biol* 45:130-45, Apr 70
- The use of pronase in tissue culture: a comparison with trypsin. Foley JF, et al. *J Cell Physiol* 75:159-61, Apr 70
- Colling of the flagellar shaft in the head region of the mature sperm of *Nucella (purpura) lamprolucida* (L.). Walker M. *J Cell Sci* 5:211-25, Jul 69
- Determination of several ammonia or amino acid samples on one chromatogram with an amino acid analyzer. Seely JH, et al.  
*J Chromatogr* 45:52-6, 25 Nov 69
- Synthesis and release of proinsulin and insulin by human insulinoma tissue. Lazarus NR, et al.  
*J Clin Endocr* 30:273-81, Mar 70
- Tentative identification of arginine vasotocin in human cerebrospinal fluid. Pavels S.  
*J Clin Endocr* 31:369-71, Oct 70
- Proteolytic degradation of exocrine and serum immunoglobulins. Brown WR, et al.  
*J Clin Invest* 49:1374-80, Jul 70
- Antigenic structure of human gonadotrophins: pituitary luteinizing hormone. Mori KF.  
*J Endocr* 46:517-25, Apr 70
- Immunochemical studies of human growth hormone, ovine prolactin, bovine growth hormone and a tryptic digest of bovine growth hormone. Sundaram K, et al.  
*J Endocr* 44:517-22, Aug 69
- Ultrastructure of an anaerobic filamentous oral micro-organism. Hofstad T, et al.  
*J Gen Microbiol* 57:221-5, Aug 69
- Sarcoplasmic reticulum. IX. The permeability of sarcoplasmic reticulum membranes. Duggan PF, et al.  
*J Gen Physiol* 56:147-67, Aug 70
- Demonstration of three specific sites on the surface of foot-and-mouth disease virus by antibody complexing. Brown F, et al. *J Gen Virol* 7:115-27, 1970
- The proteins of biologically active sub-units of vesicular stomatitis virus. Cartwright B, et al.  
*J Gen Virol* 7:267-72, Jun 70
- Biological characterization of structural components of Adenovirus type 12. Norrby E, et al.  
*J Gen Virol* 5:183-94, Sep 69
- Light microscopic study of the peroxidatic activity of catalase in formaldehyde-fixed rat liver. Hirai KI.  
*J Histochem Cytochem* 17:585-90, Sep 69
- Localization by peroxidase-labeled antibodies of bovine chymotrypsinogen. Schiff R, et al.  
*J Histochem Cytochem* 18:195-200, Mar 70
- Participation of type antigen R in the immunofluorescence reaction of group B streptococci. Kubin V, et al.  
*J Hyg Epidem (Praha)* 13:521-4, 1969
- Antigenicity of polypeptides (poly alpha amino acids): calcium-dependent and independent antibodies. Maurer PH, et al. *J Immun* 105:567-73, Sep 70
- Structural localization of isotypic markers on mouse myeloma gamma G globulins. Medgyesi GA, et al.  
*J Immun* 103:1125-31, Nov 69
- Enzymatic hydrolysis of the alpha-protein of epidermis. Baden HP. *J Invest Derm* 55:184-7, Sep 70
- Dermal glycosaminoglycans in psoriasis. Fleischmajer R, et al. *J Invest Derm* 54:316-8, Apr 70
- Aureocin. Moore EE. *J Med Microbiol* 3:183-4, Feb 70
- Interaction of HeLa cell proteins with RNA. Baltimore D, et al. *J Molec Biol* 47:263-73, 14 Feb 70
- Separation of the proteolytic and esterase activities of trypsin by reversible structural modifications. Coletti-Previero MA, et al.  
*J Molec Biol* 39:493-501, 14 Feb 69
- Cell-free synthesis of bacteriophage f2 maturation protein. Lodish HF, et al.  
*J Molec Biol* 45:9-22, 14 Oct 69
- The lysozyme of a triple frame-shift mutant strain of bacteriophage T4. Okada Y, et al.  
*J Molec Biol* 40:299-304, 14 Mar 69
- Structure of crystalline alpha-chymotrypsin. 3. Crystallographic studies of substrates and inhibitors bound to the active site of alpha-chymotrypsin. Steitz TA, et al. *J Molec Biol* 46:337-48, 14 Dec 69
- Some properties of a new epithelial cell line of human origin. Sykes JA, et al.  
*J Nat Cancer Inst* 45:107-22, Jul 70
- Electron microscopic observations on glycerol-extracted rabbit muscles treated with dialyzed iron at low pH. Dougherty WJ, et al.  
*J Ultrastruct Res* 31:1-15, Apr 70
- Fractured surfaces of myocardial cells. Leak LV.  
*J Ultrastruct Res* 31:76-94, Apr 70
- The fine structure of a nucleolar constituent. Recher L, et al. *J Ultrastruct Res* 29:1-14, Oct 69
- Replication of Sendai virus. II. Steps in virus assembly. Blair CD, et al. *J Virol* 5:639-50, May 70
- Uncoating of poliovirus by isolated plasma membranes. Chan VF, et al. *J Virol* 5:309-12, Mar 70
- Trypsinized placental cell cultures for the propagation of viruses and as "feeder layers". Grogan EA, et al.  
*J Virol* 5:406-9, Mar 70
- Studies on hog intrinsic factor. II. Immunoradiographic studies of the properties of hog intrinsic factor and evidences suggesting the possible existence in hog tissues of hog intrinsic factor. Inada M. *J Vitamin (Kyoto)* 16:17-24, 10 Mar 70
- Antigenicity of *Clostridium botulinum* type-E formol toxoid. Kondo H, et al.  
*Jap J Med Sci Biol* 22:75-85, Apr 69
- An increased sensitivity to alcohol in rabbits treated with a certain factor contained in a microsomal subfraction of the brain. Iida S, et al.  
*Jap J Pharmacol* 19:409-17, Sep 69
- Effect of acetylcholine on the electrical activity of cultured chick embryonic heart. Nakanishi H, et al.  
*Jap J Pharmacol* 19:543-50, Dec 69
- Purification of mouse encephalomyelitis virus (GDVII virus) by means of ether extraction, acetone precipitation, trypsin digestion, and hemagglutination. Nakamura M, et al.  
*Kurume Med J* 17:137-44, 1970
- Lead and protein content of isolated intranuclear inclusion bodies from kidneys of lead-poisoned rats. Goyer RA, et al. *Lab Invest* 22:245-51, Mar 70
- Proinsulin content of pancreas in human fetuses of healthy mothers. Rastogi GK, et al.  
*Lancet* 1:7-9, 3 Jan 70
- Autoimmune reactions in chickens with *Plasmodium gallinaceum* infection: the isolation and characterization of a lipid from trypsinized erythrocytes which reacts with serum from acutely infected chickens. Seed TM, et al.  
*Milit Med* 134:1220-7, Sep 69
- Comparison of the partial amino-acid sequence of dogfish trypsinogen with bovine trypsinogen. Bradshaw RA, et al.  
*Nature (London)* 226:237-9, 18 Apr 70
- Isolation of a protein responsible for aggregation of avian embryonic cells. Daday H, et al.  
*Nature (London)* 226:970-1, 6 Jun 70
- Protection of rabbits against experimental rabies of poly I-poly C. Fenje P, et al.  
*Nature (London)* 226:171-2, 11 Apr 70



- Initiation of haemoglobin synthesis by methionyl-tRNA. Housman D, et al. *Nature (London)* 227:913-8, 29 Aug 70
- Amino-acid sequence of slightly lysine-rich histone. Iwai K, et al. *Nature (London)* 226:1056-8, 13 Jun 70
- Australia antigen-antibody complexes. Millman I, et al. *Nature (London)* 226:83-4, 4 Apr 70
- Constitution and physical chemical properties of intramuscular connective tissue. Mohr V, et al. *Nature (London)* 223:404-5, 26 Jul 69
- True antibodies to DNA in systemic lupus erythematosus: activity of Fab and F(ab')<sub>2</sub> fragments. Pincus T, et al. *Nature (London)* 227:394-5, 25 Jul 70
- Semiquantitative analysis of acid mucopolysaccharides in the guinea pig's cochlea. Ishiyama E. *Pract Otorhinolaryng (Basel)* 31:274-82, 1969
- An immunological approach to the study of evolution of trypsins. Arnon R, et al. *Proc Nat Acad Sci USA* 64:1323-8, Dec 69
- DNA-dependent RNA-directed protein synthesis in vitro. IV. Peptide analysis of an in vitro and in vivo phi X174 structural protein. Gelfand DH, et al. *Proc Nat Acad Sci USA* 67:13-7, Sep 70
- On the prevalence of "nonspecific" binding at the specific binding sites of globular proteins. Glazer AN. *Proc Nat Acad Sci USA* 65:1057-63, Apr 70
- Interaction of the carbohydrate-binding protein concanavalin A with normal and transformed cells. Inbar M, et al. *Proc Nat Acad Sci USA* 63:1418-25, Aug 69
- Properties of halves of immunoglobulin light chains. Karlsson FA, et al. *Proc Nat Acad Sci USA* 64:1257-63, Dec 69
- Solubilization and partial characterization of a phytohemagglutinin receptor site from human erythrocytes. Kornfeld S, et al. *Proc Nat Acad Sci USA* 63:1439-46, Aug 69
- Phosphorylation of liver histone following the administration of glucagon and insulin. Langan TA. *Proc Nat Acad Sci USA* 64:1276-83, Dec 69
- Immunoglobulin M: pentameric Fc $\mu$  fragments released by trypsin at higher temperatures. Plaut AG, et al. *Proc Nat Acad Sci USA* 65:318-22, Feb 70
- The control of haemoglobin synthesis: factors controlling the output of alpha and beta chains. Hunt RT, et al. *Proc Nutr Soc* 28:248-54, Sep 69 (19 ref.)
- Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Back N, et al. *Proc Soc Exp Biol Med* 133:740-3, Mar 70
- Demonstration of the chemotactic properties of collagen. Chang C, et al. *Proc Soc Exp Biol Med* 134:22-6, May 70
- Some immunological studies with heat-denatured bovine serum albumin and its peptic, tryptic, and chymotryptic peptides. Das BR, et al. *Proc Soc Exp Biol Med* 133:1456-63, Apr 70
- Effects of dimethylsulfoxide on normal and burned dog skin. Middleton CJ, et al. *Proc Soc Exp Biol Med* 134:1096-103, Sep 70
- A trypsin technic for the preparation of isolated rat anterior pituitary cells. Portanova R, et al. *Proc Soc Exp Biol Med* 133:573-6, Feb 70
- Optimal conditions for isolation of a neurotropic measles virus from brain tissue. Schumacher HP, et al. *Proc Soc Exp Biol Med* 134:396-402, Jun 70
- Radiation produced aggregation in crystalline preparations of ribonuclease, lysozyme, and trypsin. Stevens CO, et al. *Proc Soc Exp Biol Med* 132:951-6, Dec 69
- Trypsin esterase binding and its relation to the radiation-leukemia protection (RLP) factor. Yip LC, et al. *Proc Soc Exp Biol Med* 133:1285-8, Apr 70
- X-ray studies of crystalline proteins. North AC, et al. *Progr Biophys* 19:1-132, 1969 (236 ref.)
- Proinsulin and the biosynthesis of insulin. Steiner DF, et al. *Recent Progr Hormone Res* 25:207-82, 1969 (135 ref.)
- Aetiology and pathogenesis of pancreatitis. (Current concepts). Creutzfeldt W, et al. *Scand J Gastroent* 5:Suppl 6:47-62, 1970 (117 ref.)
- p-nitrophenylacetate as a substrate for a carboxyl-ester hydrolase in pancreatic juice and intestinal content. Erlanson C. *Scand J Gastroent* 5:333-6, 1970
- Experimental acute pancreatitis in dogs. 3. The nature of the phospholipase activity of pancreatic exudate. Hagen PO, et al. *Scand J Gastroent* 4:81-8, 1969
- Homozygous Hb J Tongariki: evidence for only one alpha chain structural locus in Melanesians. Abramson RK, et al. *Science* 169:194-6, 10 Jul 70
- Tilorone hydrochloride: mode of action. Mayer GD, et al. *Science* 169:1214-5, 18 Sep 70
- On the apparent homology of actin and tubulin. Stephens RE. *Science* 168:845-7, 15 May 70
- Trypsin and papain covalently coupled to porous glass: preparation and characterization. Weetall HH. *Science* 166:615-7, 31 Oct 69
- Transperitoneal absorption of amylase in acute experimental pancreatitis. Waterman NG, et al. *Surg Gynec Obstet* 131:729-32, Oct 70
- The formation of poliovirus proteins. Baltimore D, et al. *Sympos Quant Biol* 34:741-6, 1969
- Initiation of the alpha chain of rabbit hemoglobin. Wilson DB, et al. *Sympos Quant Biol* 34:313-7, 1969
- The structure of tobacco necrosis virus. II. Terminal amino acid residues of the protein subunit. Lesnaw JA, et al. *Virology* 39:738-45, Dec 69
- Identity of structural protein from two isolated of TRV with different length of associated short particles. Semancik JS. *Virology* 40:618-23, Mar 70
- Antigenic markers on cultured human cells. 3. The MN antigens. Dawson A. *Vox Sang* 17:393-405, Nov 69
- The red cell phenotype En(a-) and anti-Ena: serological and physicochemical aspects. Furuhielm U, et al. *Vox Sang* 17:256-78, Oct 69
- Immunogenicity and specificity of collagen. X. Investigations on collagen determinants by inhibition experiments with peptides obtained after multiple degradation. Steffen C, et al. *Z Immunitaetsforsch* 139:455-67, Jun 70
- An electron-microscopic study of the de novo formation of neuromuscular junctions in tissue culture. James DW, et al. *Z Zellforsch* 100:126-40, 1969
- Adsorption and inhibiting action of colicin E1 on sensitive bacteria under different physico-chemical conditions. Obdržálek V, et al. *Zbl Bakt [Orig]* 209:232-44, Jan 69
- [Current state of knowledge of the gamma-M molecule] Martin JP. *Ann Biol Clin (Paris)* 27:587-610, Oct-Dec 69 (137 ref.) (Fre)
- [Structure of human transferrin. Study of peptides and glycopeptides obtained by tryptic hydrolysis] Monsigny M, et al. *Arch Int Physiol* 77:570-1, Aug 69 (Fre)
- [Application of tritiation in solution to the conformation study of ribonuclease] Noyer M, et al. *Arch Int Physiol* 77:552-3, Aug 69 (Fre)
- [Structure of acidic alpha 1-glycoprotein. IV. Amino acid sequence of some tryptic peptides] Bourrillon R, et al. *Biochim Biophys Acta* 200:378-84, 17 Feb 70 (Fre)
- [Autoassociation of trypsin at pH 4.8] D'Albis A. *Biochim Biophys Acta* 200:40-6, 20 Jan 70 (Fre)
- [Thermodynamic study of the reversible thermodenaturation of trypsin between pH 1.0 and 3.4] D'Albis A. *Biochim Biophys Acta* 200:34-9, 20 Jan 70 (Fre)
- [Primary structure of turnip yellow mosaic virus protein. I. Primary structure of water-soluble tryptic peptides] Reinbolt J, et al. *Biochim Biophys Acta* 207:532-47, 23 Jun 70 (Fre)
- [Morphologic and physiologic study of the differentiation in vitro of quail embryo precordial mesoderm] Le Douarin G, et al. *Bull Biol France Belg* 103:453-68, 1969 (Fre)
- [Partial amino acid sequence of beef myoglobin] Dautrevaux M, et al. *Bull Soc Chim Biol (Paris)* 51:989-1000, 23 Oct 69 (Fre)
- [Presence of phospholipase precursor in normal human serum] Etienne J, et al. *Bull Soc Chim Biol (Paris)* 51:709-16, 18 Sep 69 (Fre)
- [Middle peptide sequence obtained by cleaving horse myoglobin with cyanogen bromide] Han K, et al. *Bull Soc Chim Biol (Paris)* 51:439-55, 25 Jul 69 (Fre)
- [Rat blood plasma phospholipase A. Kinetics and properties. Existence of an inactive precursor] Paysant M, et al. *Bull Soc Chim Biol (Paris)* 51:863-73, Oct 69 (Fre)
- [Structures and activities of polynucleotide phosphorylases] Thang MN. *Bull Soc Chim Biol (Paris)* 51:1407-27, 1969 (Fre)
- [Blocking action of the SV 40 virus repressor by a constitutive factor of cells tolerant for this virus] Cassingena R, et al. *C R Acad Sci [D] (Paris)* 269:261-4, 16 Jul 69 (Fre)
- [Studies on glycoproteins. Study of peptide sequences of 2 glycopeptides isolated from trypsin hydrolates of human transferrin] Charet P, et al. *C R Acad Sci [D] (Paris)* 269:1019-22, 15 Sep 69 (Fre)



- [Bile acids during development of chick embryo: study in vivo and in vitro] Croizat B, et al.  
C R Acad Sci [D] (Paris) 269:904-7, 1 Sep 69 (Fre)
- [Action of colicins on the rate of intracellular potassium loss] Dandeu JP, et al.  
C R Acad Sci [D] (Paris) 269:2044-7, 17 Nov 69 (Fre)
- [Percentage and availability of lysine and tyrosine in proteins protected by certain tanning substances (formaldehyde, tanning extract of chestnut wood) against deamination in the middle of the rumen] Delort-Laval J, et al.  
C R Acad Sci [D] (Paris) 269:1558-61, 20 Oct 69 (Fre)
- [Electron microscopic observation of the complex formed by the alpha-1-macroglobulin of rabbit blood with trypsin] Morelis P, et al.  
C R Acad Sci [D] (Paris) 269:1453-4, 13 Oct 69 (Fre)
- [Mode of action of a diffusible factor facilitating cancer cell aggregation in vitro: effect at +6 degrees C. on mechanically dissociated cells] Pessac B, et al.  
C R Acad Sci [D] (Paris) 269:755-8, 11 Aug 69 (Fre)
- [Trypsin- and chymotrypsin-binding proteins in human colostrum] Countichansky Y, et al.  
Clin Chim Acta 26:223-9, Nov 69 (Fre)
- [Primary structure of bovine alpha-s1 casein. Localization of trypsin peptides in fragments obtained by trypsin hydrolysis of casein reacted with maleate] Grosclaude F, et al.  
Europ J Biochem 14:98-107, 1 May 70 (Fre)
- [Acetylcholinesterase of fish electric organs (torpedo and electric eel); membrane complexes] Massoulié J, et al.  
Europ J Biochem 11:441-55, Dec 69 (Fre)
- [Electron microscopic observation of the complex formed by the alpha-1-macroglobulin of rabbit blood with trypsin] Morelis P, et al.  
Rev Brasil Anest 19:1453-4, Apr-Jun 69 (Fre)
- [A simple and quick method of obtaining cell cultures from whole chick embryos for virologic routine diagnosis] Bohne J.  
Arch Exp Veterinaarmed 23:567-73, 1969 (Ger)
- [Eventual "new" polymorphism of serum proteins] Prokop O. Beitr Gerichl Med 26:154-8, 1969 (Ger)
- [Experimental investigations of the hypoglycemic action of bovine proinsulin] Puls W, et al.  
Diabetologia 5:325-30, Oct 69 (Ger)
- [The amino acid sequence of cytochrome c of the carp, *Cyprinus carpio*] Gürtler L, et al.  
Europ J Biochem 12:48-57, Jan 70 (Ger)
- [Isolation of protease inhibitors by water-insoluble trypsin-cellulose resins] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 351:571-4, May 70 (Ger)
- [Isolation of the trypsin inhibitor from sheep pancreas and its behavior toward proteolytic enzymes] Fritz H, et al.  
Hoppe Seyler Z Physiol Chem 351:145-50, Feb 70 (Ger)
- [Collagen degradation by rat organs. Differentiation and characterization of proline peptide-cleaving enzymes] Kirschke H, et al.  
Hoppe Seyler Z Physiol Chem 350:1437-48, Nov 69 (Ger)
- [Comparative amino acid and "fingerprint" analyses of carboxylesterases (EC 3.1.1.1) from liver and kidney] Klapp B, et al.  
Hoppe Seyler Z Physiol Chem 351:81-9, Jan 70 (Ger)
- [Desmosomes in the tissue culture of tumor cells] Pawletz N.  
Naturwissenschaften 56:517-8, Oct 69 (Ger)
- [Changes in the Gc-variants by enzyme action] Hilgermann R. Z Klin Chem 7:617-23, Nov 69 (Ger)
- [Genesis of tumor metabolism by vitamin B1 deficiency (thiamine deficiency)] Warburg O, et al.  
Z Naturforsch [B] 25:332-3, Mar 70 (Ger)
- [The yield of clostridia on selective and non-selective media for anaerobic organisms shown on pure cultures of different species of clostridia] Döll W, et al.  
Zbl Bakt [Orig] 212:109-14, Dec 69 (Ger)
- [Stability of aqueous solutions of alpha-chymotrypsin+trypsin in the presence of skimmed milk] Bergesal G, et al.  
Boll Chimicofarm 109:69-74, Jan 70 (Ita)
- [The importance of reflux in the duct of Wirsung in the determination of exocrine pancreatic lesion. Experimental research and clinical observations] Faggioli F, et al.  
G Clin Med 49:990-1013, Oct 68 (Ita)
- [Amino acid substitution in HbA<sub>2</sub>gato, an abnormal human hemoglobin] Fujiwara N.  
J Jap Biochem Soc 42:341-9, Jul 70 (Jap)
- [Electron microscopic studies on the joint tissues under normal and pathologic conditions. 2. Pathologic joint tissues. (3d report)] Hirohata K.  
J Jap Orthop Ass 44:47-66, Jan 70 (Jap)

- [Studies on the decomposition of organomercury compounds. 3. Decomposition of phenylmercury acetate in vitro] Nakamura H.  
J Kumamoto Med Soc 43:1002-10, 25 Dec 69 (Jap)
- [Plasmakinin. 1. Human plasma kallikreinogen. 2. An improved bioassay method of kinin] Abe K, et al.  
Jap J Allerg 18:533-7, Jun 69 (Jap)
- [Structure and multiplication mechanism of reovirus] Kolde F.  
Protein (Tokyo) 15:764-76, Jun 70 (65 ref.) (Jap)
- [Fundamental problems in immunological research of cancer; with special reference to complement] Nishioka K.  
Protein (Tokyo) 15:430-9, Apr 70 (55 ref.) (Jap)
- [Active site of trypsin and chymotrypsin; catalytic site and substrate binding site] Yoshida N.  
Protein (Tokyo) 15:1125-6, Oct 70 (Jap)
- [Renin and angiotensin] Tomaszewski J, et al.  
Postepy Biochem 16:21-32, 1970 (63 ref.) (Pol)
- [Conformational stability of trypsin-phospholipid complex] Bresler SE, et al.  
Biokhimiia 34:969-74, Sep-Oct 69 (Rus)
- [Role of the disulfide bridge in the structure of ovalbumin] Shmakova FV, et al.  
Biokhimiia 34:963-8, Sep-Oct 69 (Rus)
- [Use of trypsin prepared by various methods for the detection of incomplete antibodies in serums] Potapov MI. Lab Delo 12:725-7, 1969 (Rus)
- [Utilization of standard pancreatic preparations as antigen in the passive hemagglutination test] Protzenko VA. Lab Delo 12:723-5, 1969 (Rus)
- [Culture and preservation of cells from trypsinized chick embryos] Shamraeva SA.  
Lab Delo 2:87-9, 1970 (Rus)
- [Experience in the modeling and therapy of pancreatic collapse] Volkova IN, et al.  
Pat Fiziol Eksp Ter 13:30-3, Jul-Aug 69 (Rus)
- [Resistance of the purified preparation of LH releasing factor to the proteolytic enzymes] Basova GG, et al.  
Probl Endokr (Moskva) 16:68-72, Mar-Apr 70 (Rus)
- [Hemagglutinating activity of histones] Balandin IG, et al.  
Vop Med Khim 15:132-8, Mar-Apr 69 (Rus)
- [Preparative isolation and immunochemical study of the O- and H-antigen components of Cl. botulinum types A and B] Ivanova LG, et al.  
Zh Mikrobiol 46:51-8, Dec 69 (Rus)
- [Quantitative determination of the inhibitory effect of fibrinogen and its tryptic proteolysis products on fibrin polymerization] Mal'eva GV, et al.  
Ukr Biokhim Zh 41:691-7, 1969 (Ukr)
- [Effect of enzyme concentration and the presence of cations on the anticoagulant activity of trypsin digestion products of fibrinogen] Mal'eva GV.  
Ukr Biokhim Zh 41:282-7, 1969 (Ukr)
- [Effect of ionizing radiation on the hemoglobin structure in rats] Sukhomlinov BF, et al.  
Ukr Biokhim Zh 41:536-40, 1969 (Ukr)
- [Isolation and study of a highly active preparation of *Aspergillus oryzae* protease] Tsyporovich AS, et al.  
Ukr Biokhim Zh 41:91-5, 1969 (Ukr)

## ADMINISTRATION & DOSAGE

- Enzymes for trauma. Miller RR, et al.  
Postgrad Med J 46:154-8, Mar 70 (24 ref.)
- Acute pancreatitis: an experimental model. Waterman NG, et al. Surgery 66:746-50, Oct 69
- [Local antibiotic and enzymatic therapy of chronic osteomyelitis] Kunze H, et al.  
Med Klin 64:1608-10, 5 Sep 69 (Ger)
- [The effect of trypsin on the development and course of experimental silicosis] Budanova LF, et al.  
Gig Tr Prof Zabol 14:52-3, Feb 70 (Rus)
- [The prevention of suppurative complications after surgical operations] Grigorian AV, et al.  
Khirurgia (Moskva) 45:7-13, May 69 (Rus)
- [A case of spontaneous pneumothorax with gas embolism in intratracheal trypsin instillation] Zemskov IuA, et al.  
Klin Med (Moskva) 48:146-7, May 70 (Rus)
- [Use of proteolytic enzymes in the treatment of chronic suppurative otitis media] Veremeenko KN, et al.  
Vestn Otorinolaring 31:82-5, Mar-Apr 69 (Rus)
- [Spontaneous pneumothorax with gas embolism during intratracheal administration of trypsin] Zemskov IuA, et al. Vrach Delo 8:149, Aug 69 (Rus)

## ADVERSE EFFECTS

- Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)



- Glomerular lesions in acute pancreatitis. Clarkson AR, et al. *Lancet* 2:726, 3 Oct 70
- [Influencing the effect of epicutaneously applied trypsin by means of a trypsin inhibitor and dermatologic pretreatment of the human skin in vivo] Ala-Adini S, et al. *Arch Klin Exp Derm* 238:97-106, 1970 (Ger)
- [A case of spontaneous pneumothorax with gas embolism in intratracheal trypsin instillation] Zemskov IuA, et al. *Klin Med (Moskva)* 48:146-7, May 70 (Rus)
- [Spontaneous pneumothorax with gas embolism during intratracheal administration of trypsin] Zemskov IuA, et al. *Vrach Delo* 8:149, Aug 69 (Rus)

## ANALYSIS

- Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovenere (Stockholm)* 49:458-67, 1969 (69 ref.)
- Exocrine pancreatic function in protein-calorie malnutrition disease of adults. Tandon BN, et al. *Amer J Clin Nutr* 22:1476-82, Nov 69
- Cholinergic control of rabbit pancreatic secretion. Solberg LI, et al. *Amer J Dig Dis* 14:782-7, Nov 69
- Role of pancreatic secretions in uremic gastroenterocolitis. Bounous G. *Amer J Surg* 119:264-8, Mar 70
- Effect of light on a pH electrode system. McAllister RA, et al. *Anal Biochem* 33:200-4, Jan 70
- Bacillus thuringiensis*: microbiological considerations. Rogoff MH, et al. *Ann Rev Microbiol* 23:357-86, 1969 (252 ref.)
- Vascular factors in the pathogenesis of acute haemorrhagic pancreatitis. Goodhead B. *Ann Roy Coll Surg Eng* 45:80-97, Aug 69
- Histophoresis: electrophoretic separation of proteins contained in individual cryostat sections. Denucé JM. *Arch Int Physiol* 77:960-1, Dec 69
- A rapid and direct method for the quantitative determination of tryptophan in the intact protein. Gaitonde MK, et al. *Biochem J* 117:907-11, May 70
- Studies on equine trypsinogen and trypsin. Harris CI, et al. *Biochem J* 114:82P, Oct 69
- The specificity of proteinases from *Streptomyces griseus* (pronase). Trop M, et al. *Biochem J* 116:19-25, Jan 70
- The subcellular distribution of pancreatic kallikrein. Bhoola KD. *Biochem Pharmacol* 18:2279-82, Sep 69
- The use of isoxazolium salts for carboxyl group modification in proteins. Trypsin. Bodlaender P, et al. *Biochemistry (Wash)* 8:4941-9, Dec 69
- Isolation and comparative properties of shrimp trypsin. Gates BJ, et al. *Biochemistry (Wash)* 8:4483-9, Nov 69
- Pancreatic enzymes of the African lungfish *Protopterus aethiopicus*. Reeck GR, et al. *Biochemistry (Wash)* 9:1398-403, 17 Mar 70
- Circular dichroism of proteins of known and unknown conformations. Jirgensons B. *Biochim Biophys Acta* 200:9-17, 20 Jan 70
- The cellular localization of enterokinase. Nordström C, et al. *Biochim Biophys Acta* 198:621-2, 18 Mar 70
- A comparison of the effects of raw and heated soya-bean meal in diets for germ-free and conventional chicks. Coates ME, et al. *Brit J Nutr* 24:213-25, Mar 70
- "Tryptic enteritis": its role in the pathogenesis of stress ulcer and shock. Bounous G. *Canad J Surg* 12:397-409, Oct 69
- A sensitive method for the determination of proteolytic activity in vitro by immunochemical quantitation of fibrinogen fragments. Ohlsson K. *Clin Chim Acta* 28:131-3, Oct 69
- Determination of trypsin and chymotrypsin with remazolbrilliant blue-hide. Rinderknecht H, et al. *Clin Chim Acta* 28:239-46, May 70
- Sulfonyl halides as modifying reagents for polypeptides and proteins. Quantitative evaluation of tryptophan and cysteine residues in proteins. Bocchi E, et al. *Europ J Biochem* 13:188-92, 1 Mar 70
- Casein clearing: a rapid test for proteolytic activity. Innerfield I, et al. *Exp Med Surg* 26:152-5, Mar 68
- Measurement of duodenal tryptic activity and <sup>75</sup>Se-selenomethionine pancreatic scanning compared as tests of pancreatic function. McCarthy DM, et al. *Gut* 10:913-20, Nov 69
- Crystallization and some properties of goat trypsin. Sinha NK, et al. *Indian J Biochem* 7:78-80, Mar 70
- Complete separation of three alkaline proteinases a, b, and c from pronase and some characteristics of alkaline proteinase b. Narahashi Y, et al. *J Biochem (Tokyo)* 66:743-5, Nov 69
- The use of PVC membrane filters as specific chromatographic carriers for rapid ultra-micro-analysis of proteins. Pristoupil TI. *J Chromatogr* 49:550-1, 24 Jun 70
- Pancreozymin bioassay in man based on pancreatic enzyme secretion: potency of specific amino acids and other digestive products. Go VL, et al. *J Clin Invest* 49:1558-64, Aug 70
- Relationship of a trypsin-like enzyme in rabbit spermatozoa to capacitation. Zaneveld LJ, et al. *J Reprod Fertil* 20:337-9, Nov 69
- An investigation of the trypsin digest test on apparently normal canine faeces. Frankland AL. *J Small Anim Pract* 10:531-9, Nov 69
- The estimation of daily faecal trypsin levels in dogs as an indicator of gross pancreatic exocrine insufficiency. Hill FW, et al. *J Small Anim Pract* 11:191-5, Mar 70
- Stool trypsin assay. Tarlow O, et al. *Lancet* 2:817-8, 19 Sep 70
- Amino-acid sequence of porcine pancreatic elastase and its homologues with other serine proteinases. Shotton DM, et al. *Nature (London)* 225:802-6, 28 Feb 70
- Amino-acid composition of cayfish trypsin. Zwilling R, et al. *Nature (London)* 228:57-8, 3 Oct 70
- Studies on the rate of U.V. inactivation of trypsin as measured by three different assay methods. Ghiron CA, et al. *Photochem Photobiol* 11:141-3, Feb 70
- Determination of trypsin in duodenal fluid as a test of pancreatic function. A methodological note. Bergström K, et al. *Scand J Gastroent* 5:533-6, 1970
- Gastric and pancreatic function and the absorption of iron, vitamin B12, and calcium after proximal gastric resection for cancer in the upper part of the stomach. Fischermann K, et al. *Scand J Gastroent* 4:697-703, 1969
- Studies on pancreatic trypsin from *Crotalus durissus terrificus*-comparison with proteases of venoms. Lodi WR. *Toxicon* 7:267-72, Dec 69
- [Paradoxes and hypotheses on the subject of acute pancreatitis] Leger L. *Bull Acad Nat Med (Paris)* 154:401-9, 26 May 70 (Fre)
- [Study of exocrine pancreatic function in mucoviscidosis] Hermier M, et al. *Rev Franc Etud Clin Biol* 14:867-84, Nov 69 (Fre)
- [Studies on autolysis of the skin. 2. Effect of a combination of Na-Cu-chlorophyllin and epsilon-aminocaproic acid on the extracellular glutamate-oxalacetate-transaminase, lactate dehydrogenase, trypsin and cathepsin activity in explanted pig skin] Domschke W, et al. *Arzneimittelforschung* 20:269-73, Feb 70 (Ger)
- [Clinically asymptomatic disorders of exocrine pancreas function in chronic alcoholics] Goebell H, et al. *Deutsch Med Wschr* 95:808-14, 10 Apr 70 (Ger)
- [Zieve's syndrome. 2 more cases] Pickardt R, et al. *Med Klin* 64:1982-7, 24 Oct 69 (Ger)
- [Fecalogram and its practical significance] Mitschek GH. *Verh Deutsch Ges Path* 53:161-2, 1969 (Ger)
- [The incorporation of enzyme proteins in the pancreas of the adrenalectomized rat treated with cortisone] Wanke M, et al. *Virchow Arch [Path Anat]* 350:275-87, 1970 (Ger)
- [Exocrine secretion of the pancreas in rats] Vecchioni R, et al. *Acta Chir Ital* 24:75-88, Jan-Feb 68 (Ita)
- [Studies on proteolytic enzymes in human prostate and seminal plasma] Naito J. *Jap J Leg Med* 23:253-61, May 69 (Jap)
- [Affinity chromatography] Kato I. *Protein (Tokyo)* 14:1143-51, Dec 69 (28 ref.) (Jap)
- [Advances in gastroenterology. Diagnosis of pancreatic diseases] Kozłolowa H. *Pol Arch Med Wewn* 43:1215-9, Aug 69 (Pol)
- [New methods of studying pancreatic secretion] Konturek S. *Wiad Lek* 23:1311-6, 1 Aug 70 (11 ref.) (Pol)
- [Chromatographic separation of a protease complex from *Aspergillus flavus*] Tsyperovich AS, et al. *Biokhimiia* 34:1137-43, Nov-Dec 69 (Rus)
- [The pathogenesis of acute pancreatitis] Aruin LI, et al. *Biull Eksp Biol Med* 69:42-6, May 70 (Rus)
- [Kininogenase and kininase activity of some snake venoms] Evseeva LF, et al. *Farmakol Toksik* 32:432-4, Jul-Aug 69 (Rus)
- [Sensitive method of determination of trypsin in duodenal and pancreatic juice] Fomina LS, et al. *Lab Delo* 6:350-4, 1970 (Rus)



# SUBJECT SECTION

## TRYPSIN

- [Pancreatic enzyme activity in anemia]  
Chernobyl'skaia GD, et al.  
*Pediatrilia* 48:57-61, Dec 69 (Rus)
- [Functional state of the pancreas in haemorrhagic fever with renal syndrome] Pribylova NN.  
*Ter Arkh* 41:100-4, Jun 69 (Rus)
- [Study of substrate induction of amylase in L cells. Effect of the method of cell harvesting on the amount of registered amylase activity] Podgaetskaia DIA, et al.  
*Tsitologiya* 12:253-6, Feb 70 (Rus)
- [The effect of parenteral protein nutrition on the exocrine function of the pancreas in patients with chronic pancreatitis] Iakhontova OI, et al.  
*Vop Pitan* 29:67-70, May-Jun 70 (Rus)
- [Subcellular distribution, transport and fixation of 1,2-3H-cortisol in the liver of rats] Beato del Rosal M.  
*Rev Iber Endocr* 17:109-51, Mar-Apr 70 (Spa)

### ANTAGONISTS & INHIBITORS

- Serum PI types in patients with pulmonary diseases.  
Fagerhol MK, et al.  
*Acta Allerg (Kobenhavn)* 24:107-14, May 69
- Some enzymic properties of a protease from *Alternaria tenuissima*. Jönsson AG.  
*Acta Chem Scand* 23:1943-50, 1969
- Hyaline membrane disease and antitrypsin deficiency.  
Lieberman J, et al. *Amer Rev Resp Dis* 102:126-7, Jul 70
- Inactivation of bovine thrombin by nitrous acid.  
Magnusson S, et al. *Canad J Biochem* 48:432-7, Apr 70
- Biological activities of leupeptins. Aoyagi T, et al.  
*J Antibiot (Tokyo)* 22:558-68, Nov 69
- Effect of diazonium-1H-tetrazole and tetranitromethane on trypsin activity. Muramatsu M, et al.  
*J Biochem (Tokyo)* 66:455-62, Oct 69
- Inhibition of human skin collagenase by human serum.  
Elsen AZ, et al. *J Lab Clin Med* 75:258-63, Feb 70
- Effect of trypsin on reproduction of type 4 parainfluenza virus in Vero cell cultures under fluid overlay. Morimoto Y, et al.  
*Jap J Med Sci Biol* 23:1-11, Feb 70
- The prevalence of alpha 1-antitrypsin deficiency in selected groups of patients with chronic obstructive lung disease. Hepper NG, et al.  
*Mayo Clin Proc* 44:697-710, Oct 69
- Quantitative studies on the inherited variants of serum alpha-1-antitrypsin. Fagerhol MK.  
*Scand J Clin Lab Invest* 23:97-103, Feb 69
- Studies on pancreatic trypsin from *Crotalus durissus terrificus*--comparison with proteases of venoms.  
Lodl WR. *Toxicon* 7:267-72, Dec 69
- Relationship of antitrypsin deficiency to the pathogenesis of emphysema. Pierce JA, et al.  
*Trans Ass Amer Physicians* 82:87-97, 1969
- [Study of glycoproteins. Heterogeneity of ovomucoid of hen egg. Demonstration and physico-chemical study of 7 "alloglycopolymers" variants]  
Jakubczak E, et al.  
*C R Acad Sci [D] (Paris)* 271:537-40, 3 Aug 70 (Fre)
- [Distribution of plasma proteins in blood and skin]  
Rödermund OE.  
*Arch Klin Exp Derm* 237:684-9, 1970 (Ger)
- [Quantitative behavior of IgG, IgA and IgM as well as transferrin, ceruloplasmin, alpha-1 antitrypsin and beta-1 A-globulin in normal persons over a period of 5 months] Mondorf W, et al.  
*Klin Wschr* 47:1055-6, 1 Oct 69 (Ger)
- [Influence of Trasylol on the effect of various proteases on erythrocytes] Uhlenbruck G, et al.  
*Klin Wschr* 47:673-5, 15 Jun 69 (Ger)
- [Behavior of human plasmin inhibitors in intravascularly increased fibrinolytic activity]  
Fischer M.  
*Thromb Diath Haemorrh* 23:513-52, 30 Jun 70 (Ger)

### BIOSYNTHESIS

- The promotion of activation of bovine trypsinogen by specific modification of aspartyl residues.  
Radhakrishnan TM, et al.  
*Biochemistry (Wash)* 8:4020-7, Oct 69

### BLOOD

- A pedigree demonstrating the transmission of a Gm2,8,21 phenogroup. Steinberg AG, et al.  
*Amer J Hum Genet* 22:378-83, Jul 70
- A fluorometric determination of trypsin-like amidase activity and activity of trypsin inhibitors in serum.  
Uete T, et al. *Clin Chem* 16:322-30, Apr 70

- Determination of trypsin and chymotrypsin with remazolbrilliant blue-hide. Rinderknecht H, et al.  
*Clin Chim Acta* 28:239-46, May 70
- [Exocrine pancreatic function in rats after occlusion of Wirsung's duct] Vecchioni R, et al.  
*Acta Chir Ital* 24:101-8, Jan-Feb 68 (Ita)
- [Trypsin-like activity of the serum in the diagnosis of exocrine pancreas diseases: experimental study]  
Tenconi L, et al.  
*Biol Lat (Milano)* 21:81-7, Jan-Mar 68 (Ita)
- [Proteolytic and antiproteolytic activity of the blood of patients with acute pancreatitis and cholepancreatitis] Akzhigitov GN, et al.  
*Ter Arkh* 41:94-8, Nov 69 (Rus)
- [Pancreatic enzyme activity in the serum of chronic pancreatitis patients] Iakhontova OI.  
*Vrach Delo* 6:59-61, Jun 68 (Rus)

### DIAGNOSTIC USE

- [The clinical picture, diagnosis and treatment of chronic inflammatory diseases of the parotid salivary glands] Vasil'ev GA, et al.  
*Stomatologiya (Moskva)* 48:44-50, Sep-Oct 69 (Rus)

### ISOLATION & PURIFICATION

- Isolation and comparative properties of shrimp trypsin.  
Gates BJ, et al. *Biochemistry (Wash)* 8:4483-9, Nov 69
- Recovery of biological materials through ultrafiltration. Wang DI, et al.  
*Biotechn Bioengin* 11:987-1003, Sep 69
- Separation of the similarly charged iso-enzymes of *Astacus leptodactylus* trypsin for quantitative amino acid analysis and specificity studies. Zwilling R.  
*Experientia* 26:564, 15 May 70
- Studies on fin whale pancreatic proteases. II. Purification of the pancreatic proteases. Kolde A, et al.  
*J Biochem (Tokyo)* 66:541-8, Oct 69

### METABOLISM

- Proteolytic activity of human blood leukocytes toward synthetic trypsin substrate. I. Method. Szczeklik A, et al.  
*Acta Med Pol* 10:383-7, 1969
- Selective effect of quaternary ammonium salts on the activity of arylaminopeptidases of the dental pulp, and on trypsin, chymotrypsin and leucine aminopeptidase. Mäkinen KK, et al.  
*Acta Odont Scand* 28:389-98, Jun 70
- Increased susceptibility to proteolytic action of gastric superficial mucosa after sialic acid release. Velican C, et al.  
*Amer J Dig Dis* 15:413-8, May 70
- In vitro inactivation of pancreatic enzymes in washings of the rat small intestine. Khayat MH, et al.  
*Amer J Physiol* 217:923-9, Oct 69
- The effect of N-bromosuccinimide upon trypsinogen activation and trypsin catalysis. Daniel VW 3d, et al.  
*Arch Biochem* 134:506-14, Nov 69
- Heat inactivation and sephadex chromatography of the small-intestine disaccharidases of the chick. Siddons RC. *Biochem J* 116:71-8, Jan 70
- Lima bean trypsin inhibitor. Limited proteolysis by trypsin and chymotrypsin. Krahn J, et al.  
*Biochemistry (Wash)* 9:2646-52, 23 Jun 70
- Size and proteolytic enzyme activity of the pancreas of several species of vertebrate animals. Schingoethe DJ, et al. *Canad J Physiol Pharmacol* 48:43-9, Jan 70
- Digestive proteases in the cyclostome *Myxine glutinosa* (L). Nilsson A, et al.  
*Comp Biochem Physiol* 32:237-50, 15 Jan 70
- Faecal proteolysis of albumin and IgG in Crohn's disease and ulcerative colitis. Soltøft J, et al.  
*Digestion* 2:282-8, 1969
- Complex changes in the suckling rat's small intestine by the end of the 3d week of life. Baintner K Jr, et al.  
*Experientia* 26:54-5, 15 Jan 70
- The indirect action of gamma-rays on the coat protein of bacteriophage particles. Luthjens LH, et al.  
*Int J Radiat Biol* 16:101-11, 1969
- Properties and characteristics of a bacteriocin from *Serratia marcescens*. Foulds JD, et al.  
*J Bact* 99:655-60, Sep 69
- Kinetics of adsorption of colicin CA42-E2 and reversal of its bactericidal activity. Reynolds BL, et al.  
*J Bact* 100:301-9, Oct 69
- Substrate specificities of kinin releasing enzymes: hog pancreatic kallikrein and snake venom kininogenase. Kato H, et al. *J Biochem (Tokyo)* 68:9-17, Jul 70
- Effect of diazonium-1H-tetrazole and



- tetranitromethane on trypsin activity. Muramatsu M, et al. *J Biochem (Tokyo)* 66:455-62, Oct 69
- Human serum proinsulin. Melani F, et al. *J Clin Invest* 49:497-507, Mar 70
- Homocystinuria due to cystathionine synthase deficiency: the effect of pyridoxine. Mudd SH, et al. *J Clin Invest* 49:1762-73, Sep 70
- Oogenesis in the suppressor of hairy-wing mutant of *Drosophila melanogaster*. II. Nucleolar morphology and in vitro studies of RNA protein synthesis. Klug WS, et al. *J Exp Zool* 174:125-40, Jun 70
- Cerebral proteinases in the growing rat. Oja SS, et al. *J Neurochem* 17:901-12, Jul 70
- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al. *J Nutr* 100:361-8, Mar 70
- Carob tannins--growth depression and levels of insoluble nitrogen in the digestive tract of rats. Tamir M, et al. *J Nutr* 100:573-80, May 70
- Impaired lipid and vitamin E absorption related to atrophy of the pancreas in selenium-deficient chicks. Thompson JN, et al. *J Nutr* 100:797-809, Jul 70
- Cytochemistry of the pellicle of bloodstream forms of *Trypanosoma (Trypanozoon) brucei*. Wright KA, et al. *J Parasit* 56:671-83, Aug 70
- Biophysical comparison of two canine adenoviruses. Marusyk RG, et al. *J Virol* 5:507-12, Apr 70
- Studies on the biosynthesis of nuclear axis proteins. I. Incorporation of L-lysine-14C in isolated rat hepatoma nuclei. Egawa K. *Jap J Exp Med* 39:59-66, Feb 69
- Pathogenesis of the glomerular lesions in acute pancreatitis. Simon GT, et al. *Lancet* 2:669-70, 26 Sep 70
- In vitro metabolic effects of proteolytic digests of bovine growth hormone in adipose tissue. Swislocki NI. *Metabolism* 18:895-900, Nov 69
- Preliminary characterization of the hemolysis of *Rhizopus Nigricans*. Fujitawa A, et al. *Mycopathologia* 40:139-44, 1970
- Activity of kinin-releasing enzymes in the mammary gland of rats administered with hormones and bacterial extracts. Motol Y, et al. *Nat Inst Anim Health Quart (Tokyo)* 10:26-33, Spring 70
- Mechanism of pancreatic autodigestion. *New Eng J Med* 283:487-8, 27 Aug 70
- Studies on the proteolytic activity of feces in pancreatic diseases. Halawa B, et al. *Pol Med J* 9:349-53, 1970
- Pancreatic proteolytic enzymes and growth in rats fed soybean of milk proteins. Schingoethe DJ, et al. *Proc Soc Exp Biol Med* 132:453-8, Nov 69
- Proteolytic digestion rates for altered enzymes. Stevens CO, et al. *Radiat Res* 41:362-74, Feb 70
- Intestinal digestion and absorption of cholesterol and lecithin in the human. Intubation studies with a fat-soluble reference substance. Arnesjö B, et al. *Scand J Gastroent* 4:653-65, 1969
- Studies on the binding of trypsin and chymotrypsin by human intestinal mucosa. Goldberg DM, et al. *Scand J Gastroent* 4:217-26, 1969
- Evidence for ambiguity in the posttranslational cleavage of poliovirus proteins. Cooper PD, et al. *Virology* 41:408-18, Jul 70
- [Proteolytic activity of trypsin and chymotrypsin from the intestinal microflora] Mališ F, et al. *Cesk Gastroent Vyz* 24:22-7, Jan 70 (Cze)
- [Characterization of the protamine-hydrolyzing enzyme activity of the rat serum] Kleine R, et al. *Acta Biol Med German* 22:525-35, 1969 (Ger)
- [Comparison of the enzymatic activity of various pancreatic enzyme preparations in vitro] Müller-Wieland K, et al. *Deutsch Med Wschr* 94:1870-2, 12 Sep 69 (Ger)
- [The differentiation of isolated nerve and glia cells from trypsinized spinal cord of chicken embryos cultivated in vitro. A light and electron microscopical investigation] Meller K, et al. *Z Zellforsch* 101:135-51, 1 Oct 69 (Ger)
- [Trypsin-like activity of the serum in the diagnosis of exocrine pancreas diseases: experimental study] Tenconi L, et al. *Biol Lat (Milano)* 21:81-7, Jan-Mar 68 (Ita)
- [Methods of biochemical diagnosis of pancreatic diseases] Yokono O, et al. *Naika* 26:204-10, Aug 70 (Jap)
- [Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)
- [Effect of phosphororganic substances on the

- transmission of neural ascitation] Kabachnik MI. *Vestn Akad Nauk SSSR* 38:86-94, May 68 (Rus)
- [Effect of enzymatic preparations of microbial origin on the enzymatic function of the stomach and pancreas] Portnova NG, et al. *Vop Pitn* 28:45-9, Jul-Aug 69 (Rus)
- [Parallels in changes in enterokinase and trypsin activity in patients with chronic diseases of the liver and pancreas] Valenkevich LN, et al. *Vrach Delo* 10:13-5, Oct 69 (Rus)
- [Special lecture. Proinsulin and insulin biosynthesis] Steiner DF. *Acta Diabet Lat [Suppl]* 1:453-72, Sep 69 (Mul)

# PHARMACODYNAMICS

- Studies on the mechanism of the effect of trypsin on the shape maintenance of erythrocytes. Szász I, et al. *Acta Blochim Biophys Acad Sci Hung* 4:173-6, 1969
- Experimental pruritus in the unaffected skin of patients with different itching dermatoses. Rajka G. *Acta Dermatovenere (Stockholm)* 50:270-2, 1970
- Loss of basic nuclear protein during fermentative isolation of epidermal cells. Filkuka J, et al. *Acta Histochem (Jena)* 29:293-6, 1968
- The effect of trypsin digestion on the dry weights of nuclei. Jobst K, et al. *Acta Histochem (Jena)* 28:183-5, 1967
- Amino acid sequence in all the tryptic peptides from the alpha polypeptide chain of AII component of chicken hemoglobin. Wu KC. *Acta Med Nagasaki* 14:42-71, Oct 69
- Isolation and some properties of oligomycin-sensitive adenosine triphosphatase from beef heart mitochondria and its morphological study. Yamamoto G. *Acta Med Okayama* 24:143-59, Apr 70
- Experimental cardiac anaphylaxis. Physiologic, pharmacologic and biochemical aspects of immune reactions in the isolated heart. Feigen GA, et al. *Amer J Cardiol* 24:474-91, Oct 69 (104 ref.)
- An autoradiographic study of the effect of neuraminidase on trypsin on transfused lymphocytes. Gesner BM, et al. *Amer J Path* 57:215-30, Nov 69
- Effect of various substances on tensile strength of sow ovarian follicles. Espey LL. *Amer J Physiol* 219:230-3, Jul 70
- Liver regeneration. Old and new concepts. Gentile JM, et al. *Amer J Surg* 120:2-6, Jul 70
- Purification of Toxoplasma antigen for hemagglutination tests. Fujita K, et al. *Amer J Trop Med* 18:892-901, Nov 69
- Purification of complement-fixing antigens of *Rickettsia orientalis* by ether extraction. Kobayashi Y, et al. *Amer J Trop Med* 18:942-52, Nov 69
- The muscle proteins of the vascular wall. Hamoir G. *Angiologica (Basel)* 6:190-225, 1969 (93 ref.)
- Transfer factor in delayed hypersensitivity. Lawrence HS, et al. *Ann NY Acad Sci* 169:269-87, 13 Feb 70
- Factors regulating the organ and cell distribution of excess iron. MacDonald RA, et al. *Ann NY Acad Sci* 165:156-66, 20 Nov 69
- Mode of action of a bacteriocin produced by *Enterobacter cloacae* DF13. Graaf FK de, et al. *Antonie Leeuwenhoek* 35:287-306, 1969
- Role of interferon in the propagation of MM virus in L cells. Giron DJ. *Appl Microbiol* 18:584-8, Oct 69
- Increased sensitivity of immunofluorescent assay for *Salmonella* in nonfat dry milk. Reamer RH, et al. *Appl Microbiol* 18:328-31, Sep 69
- Stimulatory and inhibitory effects of adenovirus and SV40 on various virus-cell systems. Berman LD, et al. *Arch Ges Virusforsch* 30:203-16, 1970
- Characteristics of a paravaccinia virus from cattle. Castrucci G, et al. *Arch Ges Virusforsch* 29:315-30, 1970
- Systemic induction of interferon in chicks with various NDV strains. II. Nature of the interferon inducing agent. Lomniczi B. *Arch Ges Virusforsch* 30:167-72, 1970
- Biologic properties of lethal factors produced by *Enterobacter aerogenes*. Maresz-Babczyzyn J, et al. *Arch Immun Ther Exp* 17:718-30, 1969
- Studies on cytophilic antibodies. V. Alloantibodies cytophilic for mouse macrophages. Hoy WE, et al. *Aust J Exp Biol Med Sci* 47:525-39, Oct 69
- Studies on cytophilic antibodies. A mouse serum "antibody" having an affinity for macrophages and fast alpha-globulin mobility. Nelson DS. *Aust J Exp Biol Med Sci* 48:329-41, Jun 70
- Changes in glycogen synthetase and phosphorylase



- during muscular contraction. Staneloni R, et al. *Biochem Biophys Res Commun* 36:1032-8, 10 Sep 69
- A trypsin sensitive site for the action of hydrocortisone on calf thymus nuclei. Wagner TE. *Biochem Biophys Res Commun* 38:890-3, 12 Mar 70
- The effect of trypsin or ethylenediaminetetraacetate on the surface of cells in tissue culture. Allen A, et al. *Biochem J* 117:32P, Apr 70
- Mescaline-induced changes of brain-cortex ribosomes. Effect of mescaline on the stability of brain-cortex ribosomes. Datta RK, et al. *Biochem J* 117:961-8, May 70
- Carbonylcyanide m-chloroethylhydrazone as an inhibitor of coupled electron transport in trypsin treated spinach chloroplasts. Mantal KE. *Biochim Biophys Acta* 189:449-51, 1969
- The effect of proteolytic enzymes on acetylcholinesterase activity, the sodium pump and choline transport in human erythrocytes. Martin K. *Biochim Biophys Acta* 203:182-4, 17 Mar 70
- Prevalence of precipitating antibody to antigens derived from Burkitt lymphoma cultures infected with herpes-type virus (EB virus). Stevens DA, et al. *Blood* 35:263-75, Feb 70
- Immunodiffusion studies on the myxoviruses. II. Identification of influenza A-PR8 precipitins in the serum of normal rabbits. Johnson CM, et al. *Canad J Microbiol* 15:1333-40, Nov 69
- New assay of fibrinolytic activity as a continuous rate reaction. Roschlau WH, et al. *Canad J Physiol Pharmacol* 48:61-8, Jan 70
- Thrombin-induced vasodilatation and hypotension in dogs: role of fibrinogen, plasma kinins, and blood cells. Olsson, et al. *Cardiovasc Res* 3:56-63, Jan 69
- Whole mount electron microscopy of meiotic chromosomes and the synaptonemal complex. Comings DE, et al. *Chromosoma* 30:269-86, 1970
- On the mechanism of "rosette" formation in human and experimental thyroiditis. Perrudet-Badoux A, et al. *Clin Exp Immun* 5:117-27, Jul 69
- Control of epithelial development in normal and pathological connective tissue from oral mucosa. Redler P, et al. *Develop Biol* 22:84-95, May 70
- Virulentiation and state of bacterial surface in strains of *Salmonella typhimurium*. Veljanov D, et al. *Dokl Bolg Akad Nauk* 23:209-12, 1970
- Isolation of different types of anterior pituitary cells in rats. Ishikawa H. *Endocr Jap* 16:517-29, Oct 69
- Insulin protection against fat cell receptor inactivation by trypsin. Czech MP, et al. *Endocrinology* 87:191-4, Jul 70
- Influence of trypsin on in vitro RNA synthesis by disrupted nuclei of rat and human uteri in different hormonal states. Katz J, et al. *Endocrinology* 87:294-301, Aug 70
- Effects of trypsin on the electron transport systems of liver microsomes. Orrenius S, et al. *Europ J Biochem* 11:193-200, Nov 69
- A study of the attachment phase of phagocytosis by murine macrophages. Allen JM, et al. *Exp Cell Res* 59:105-16, Jan 70
- Considerations of volume, mass, DNA, and arrangement of mitochondria in the midpiece of bull spermatozoa. Bahr GF, et al. *Exp Cell Res* 60:338-40, Jun 70
- Methods for removal of the vitelline membrane of sea urchin eggs. II. Controlled exposure to trypsin to eliminate post-fertilization clumping of embryos. Epel D. *Exp Cell Res* 61:69-70, Jul 70
- Electrokinetic surfaces of trypsin-dissociated embryonic chick liver cells. Maslow DE. *Exp Cell Res* 61:266-70, Aug 70
- Phagocytosis of modified erythrocytes by macrophages and L2 cells. Rabinovitch M. *Exp Cell Res* 56:326-32, Aug 69
- Disaggregation of slime mold pseudoplasmodia using EDTA and various proteolytic enzymes. Takeuchi I, et al. *Exp Cell Res* 61:183-90, Jul 70
- The transition from interphase to prophase induced by trypsinization of isolated fixed *Vicia faba* nuclei. Wolff S. *Exp Cell Res* 57:457-62, Oct 69
- Ancylostoma caninum*: intestinal pigment granules. Lee CC. *Exp Parasit* 27:246-55, Apr 70
- Neutralization of bacterial viruses by antibodies of young animals. II. Studies on the cofactor activity of complement from precolostral piglet serum: comparison with the haemolytic and bactericidal activity. Hájek P. *Folia Microbiol (Praha)* 14:595-601, 1969
- The synthesis of beta-galactosidase in *Escherichia coli* in the presence of 7-azatryptophan. Janeček J, et al. *Folia Microbiol (Praha)* 14:529-35, 1969
- The circulatory behaviour of normal and enzyme altered thymocytes in rats. Berney SN, et al. *Immunology* 18:681-91, May 70
- Effect of emetine hydrochloride on cysts of amoebae in presence of trypsin and lysozyme. Imam SA, et al. *Indian J Biochem* 6:233-5, Dec 69
- Cardiac auto-antibodies. II. Characterization, partial purification and attempted identification of the rabbit heart auto-antigens. Holm SE, et al. *Int Arch Allerg* 38:130-49, 1970
- The antigen involved in immune adherence with stratum corneum and human serum. Krogh HK. *Int Arch Allerg* 38:78-92, 1970
- Immunological studies of insoluble lipoproteins. 3. Characterization of the lipoprotein-bound thyroid gland-specific antigen. Okada S, et al. *Int Arch Allerg* 39:6-15, 1970
- Use of cell cultures in vaccine production: diploid and stable cell cultures. Matchett A. *J Amer Vet Med Ass* 156:1791-4, 15 Jun 70
- Neal loop fluid accumulation and production of diarrhea in rabbits by cell-free products of *Clostridium perfringens*. Duncan CL, et al. *J Bact* 100:86-94, Oct 69
- Mode of action of vibriocin. Jayawardene A, et al. *J Bact* 102:382-8, May 70
- Inhibitor of transfer ribonucleic acid methylase in the differentiating slime mold *Dictyostelium discoideum*. Sharma OK, et al. *J Bact* 101:705-8, Mar 70
- Observations on membranes of *Mycoplasma laidlawii* strain B. Smith PF, et al. *J Bact* 100:1166-74, Dec 69
- Isolation and partial characterization of an immunogenic moiety obtained from *Salmonella typhimurium*. Venneman MR, et al. *J Bact* 100:140-8, Oct 69
- Properties of an oxidative phosphorylation system reconstituted from coupling factors in *Micrococcus lysodeikticus*. Ishikawa S. *J Biochem (Tokyo)* 67:297-312, Feb 70
- Studies on alpha 2-macroglobulin in bovine plasma. II. Interaction of alpha2-macroglobulin and trypsin. Nagasawa S, et al. *J Biochem (Tokyo)* 67:821-32, Jun 70
- Amino acid sequence of the coat protein of the RNA phage ZR. Nishihara T, et al. *J Biochem (Tokyo)* 67:403-13, Mar 70
- States of amino acid residues in proteins. XX. Fluorescence of stilbene dyes adsorbed on hydrophobic regions of protein molecules. Takenaka O, et al. *J Biochem (Tokyo)* 66:805-14, Dec 69
- Solubilization of NADH-cytochrome b5 reductase from liver microsomes by lysosomal digestion. Takesue S, et al. *J Biochem (Tokyo)* 67:259-66, Feb 70
- Destruction and restoration of the insulin effector system of isolated fat cells. Kono T. *J Biol Chem* 244:5777-84, 10 Nov 69
- Selective presentation of DNA-regions and membranes in chloroplasts and mitochondria. Herrmann RG, et al. *J Cell Biol* 45:198-202, Apr 70
- Controlled proteolysis of nascent polypeptides in rat liver cell fractions. II. Location of the polypeptides in rough microsomes. Sabatini DD, et al. *J Cell Biol* 45:146-57, Apr 70
- The effect of surface microvilli on the water permeability of single toad oocytes. Dick EG, et al. *J Cell Sci* 6:451-76, Mar 70
- Ultrastructural changes in keratinizing epithelium following trypsinization, epidermal detachment and apposition to mesenchymes. Jensen HM, et al. *J Cell Sci* 6:511-35, Mar 70
- The interaction of monosodium urate with connective tissue components. Katz WA, et al. *J Clin Invest* 49:1783-9, Oct 70
- The biological and immunological properties of pork and beef insulin, proinsulin, and connecting peptides. Kitabchi AE. *J Clin Invest* 49:979-87, May 70
- Studies on the biological activity of porcine proinsulin. Lazarus NR, et al. *J Clin Invest* 49:487-96, Mar 70
- Lipid metabolism in human platelets. II. De novo phospholipid synthesis and the effect of thrombin on the pattern of synthesis. Lewis N, et al. *J Clin Invest* 48:2114-23, Nov 69
- Increased vascular permeability produced by human platelet granule cationic extract. Nachman RL, et al. *J Clin Invest* 49:274-81, Feb 70
- Dissociation of sensory ganglia from the embryonic chick by pronase and other dispersing agents. Banks BE, et al. *J Embryol Exp Morph* 23:519-30, Apr 70
- Immunology of nerve growth factor (NGF). The effect



- of NGF-antiserum on sensory ganglia in vitro. Hoffman H. *J Embryol Exp Morph* 23:273-87, Apr 70
- Studies on the pressor substances of the caudal neurosecretory system of teleost fish: bioassay and fractionation. Chan DK, et al. *J Endocr* 45:151-9, Oct 69
- Australia antigen (a hepatitis-associated antigen): purification and physical properties. Millman I, et al. *J Exp Med* 131:1190-9, 1 Jun 70
- Catalytic properties of the lactate dehydrogenase isozyme "X" from mouse testis. Battellino LJ, et al. *J Exp Zool* 174:173-86, Jun 70
- Study on the effect of tryptic digestion on the toxicity of abrin. Lin JY, et al. *J Formosan Med Ass* 69:61-3, 28 Feb 70
- Rescue of heat-inactivated adenovirus type 1 and 6 by ultraviolet-irradiated adenovirus type 8. Béládi I, et al. *J Gen Virol* 7:153-8, 1970
- Surface structure of vesicular stomatitis virus. Cartwright B, et al. *J Gen Virol* 5:1-10, Jul 69
- Dissection of vesicular stomatitis virus into the infective ribonucleoprotein and immunizing components. Cartwright B, et al. *J Gen Virol* 7:19-32, Apr 70
- Excystment of the metacercariae of *Echinoparyphium serratum* (Trematoda: Echinostomatidae). Howell MJ. *J Helminth* 44:35-56, 1970
- Conversion of non-immune spleen cells by ribonucleic acid of lymphoid cells from an immunized rabbit to produce gammaM antibody of foreign light chain allotype. Bell C, et al. *J Immun* 103:1196-211, Dec 69
- Conversion of non-immune rabbit spleen cells by ribonucleic acid of lymphoid cells from an immunized rabbit to produce IgG antibody of foreign light chain allotype. Bell C, et al. *J Immun* 105:541-56, Sep 70
- Antigenic analysis of human heart tissue. Antigens with restricted organ distribution in acid extracts of human myocardium. Espinosa E, et al. *J Immun* 105:416-25, Aug 70
- Heterogeneity of mouse myeloma gamma G globulins as revealed by enzymatic proteolysis. Gorini G, et al. *J Immun* 103:1132-42, Nov 69
- Inhibition of target cell proliferation by supernatants from cultures of human peripheral lymphocytes. Green JA, et al. *J Immun* 105:48-54, Jul 70
- Inhibition of natural cytotoxic rabbit antibody by human IgM: production of nontoxic rabbit serum for use as complement source. Herberman RB. *J Immun* 104:805-9, Apr 70
- The induction of bacteriophage-neutralizing antibody by mouse spleen immunogenic RNA. Herscovitz HB, et al. *J Immun* 105:771-8, Sep 70
- Studies on the polylysine immune responder gene. The rank order of immunogenicity of dinitrophenyl conjugates of basic homopolyamino acids in guinea pigs. Levine BB. *J Immun* 103:931-6, Nov 69
- Receptor sites for complement on certain human peripheral blood lymphocytes. Michlmayr G, et al. *J Immun* 105:670-6, Sep 70
- A method for preparing monospecific antisera to Cl esterase (Cls): microheterogeneity of purified Cls. Nagaki K, et al. *J Immun* 105:162-9, Jul 70
- Canine immunoglobulins. 3. Distribution of immunoglobulins in colostrum and isolation of secretory IgA 7S gamma 1. Reynolds HY, et al. *J Immun* 104:1000-8, Apr 70
- Further purification of the glycoprotein that induces nephrotoxic antibody: isolation of the active polysaccharide fraction mainly composed of glucose. Shibata S, et al. *J Immun* 104:215-23, Jan 70
- The preparation of human kininogen and the elicitation of antibody for use in a radial immuno-diffusion assay. Spragg J, et al. *J Immun* 104:1348-54, Jun 70
- An analogue of guinea pig C8: In vitro generation and inhibitory activity. Stolfi RL. *J Immun* 104:1212-9, May 70
- Equine interferon: characterization of a viral inhibitor induced in equine kidney cell cultures with statolon. Ley KD, et al. *J Infect Dis* 121:335-8, Mar 70
- Complement as a mediator of inflammation: formation of biologically-active products after interaction of serum complement with endotoxins and antigen-antibody complexes. Mergenhagen SE. *J Periodont* 41:202-4, Apr 70
- Reversal by trypsin of the action of a 2-haloalkylamine. Mottram DR, et al. *J Pharm Pharmacol* 22:316-7, Apr 70
- The effects of pH, buffers, bile and bile acids on excystation of sporozoites of various *Elmeria* species. Hibbert LE, et al. *J Protozool* 16:441-4, Aug 69
- The effect of phytohemagglutinin on phagocytosis in the mouse peritoneal cavity. Jennings JF, et al. *J Reticuloendothel Soc* 7:617-26, May 70
- Fine structural changes in the nucleus induced by adenosine. Recher L. *J Ultrastruct Res* 32:212-25, Aug 70
- Physiological changes in the postnuclear cap region of mammalian spermatozoa: a necessary preliminary to the membrane fusion between sperm and egg cells. Yanagimachi R, et al. *J Ultrastruct Res* 31:486-93, Jun 70
- Effect of vitamin D3 on the calcium binding factor in rat intestinal mucosa. Moriuchi S, et al. *J Vitamin (Kyoto)* 15:178-84, 10 Jun 69
- Effect of trypsin on reproduction of type 4 parainfluenza virus in Vero cell cultures under fluid overlay. Morimoto Y, et al. *Jap J Med Sci Biol* 23:1-11, Feb 70
- Inhibition of herpes virus adsorption on cells by protamine. Yamamoto S, et al. *Kurume Med J* 16:83-9, 1969
- Alterations in the sensitivity to effectors of rat liver acetyl-CoA carboxylase following trypsin treatment. Iritani N, et al. *Life Sci* 8:1157-65, 15 Nov 69
- Effect of trypsin and phytohemagglutinin on template capacity of mammalian nuclei for RNA polymerase. Weissmann G, et al. *Mount Sinai J Med NY* 37:192-205, May-Jun 70
- Proteolytic enzymes initiating cell division and escape from contact inhibition of growth. Burger MM. *Nature (London)* 227:170-1, 11 Jul 70
- Release from density dependent growth inhibition by proteolytic enzymes. Sefton BM, et al. *Nature (London)* 227:843-5, 22 Aug 70
- Lipid-protein relationships in normal and degenerating myelin. Adams CW, et al. *Neuropathol Pol* 7:217-24, Jul-Sep 69
- The role of lysosomal proteases in the pathogenesis of pancreatitis. Berndt W, et al. *Pol Arch Med Wewnet* 4:535-7, Apr-May 70
- A muscarone-binding material in electropex and its relation to the acetylcholine receptor. II. Dialysis assay. O'Brien RD, et al. *Proc Nat Acad Sci USA* 65:438-45, Feb 70
- Preparation of beating heart cells from adult rats. Vahouny GV, et al. *Science* 167:1616-8, 20 Mar 70
- The appearance and destruction of platelet-clumping substance in serum added with trypsin. Yamazaki H, et al. *Thromb Diath Haemorrh* 23:469-76, 30 Jun 70
- Further studies of toxic material from nematocysts of the cubomedusan *Chironex fleckeri* Southcott. Edean R, et al. *Toxicon* 7:303-14, Dec 69
- Evaluation of automated multichannel blood grouping apparatus. 3. Studies on detection of human hemagglutinins. USAMRL Report No. 828. Camp FR Jr, et al. *US Army Med Res Lab* 1-8, 11 Jul 69
- In vitro assembly of polioviruses. I. Kinetics of the assembly of empty capsids and the role of extracts from infected cells. Phillips BA. *Virology* 39:811-21, Dec 69
- Variant of group B lacking the B antigen on the red cells. Gundolf F, et al. *Vox Sang* 18:216-21, Mar 70
- Fine structure of trypsin-dissociated rat adrenal cells. Malamed S, et al. *Z Zellforsch* 107:447-53, 1970
- [Interference and production of interferon in chicken cells infected with Adenovirus 4, 7, 8 and 18] Markovits P. *Ann Inst Pasteur (Paris)* 118:832-8, Jun 70 (Fre)
- [Time necessary for a colicin fixed on a bacterium to start irreversible processes] Marotel-Schirmann J, et al. *C R Acad Sci [D] (Paris)* 270:230-3, 5 Jan 70 (Fre)
- [Relations between molecular complexes of acetylcholinesterase] Massoulié J, et al. *C R Acad Sci [D] (Paris)* 270:1837-40, 6 Apr 70 (Fre)
- [Action of normal and antipain rabbit serum against acute inflammatory reactions provoked in mice by papain] Richou R, et al. *C R Acad Sci [D] (Paris)* 269:2280-2, 3 Dec 69 (Fre)
- [Elastolytic activity associated with blood platelets] Robert B, et al. *Path Biol (Paris)* 17:615-22, Jun-Jul 69 (Fre)
- [Importance of the Kidd system in blood transfusion] Homberg JC, et al. *Rev Franc Transfus* 12:Suppl:113-22, 1969 (Fre)
- [Fractionation of commercial insulin. II. Activation of proinsulin and trypsin] Zühlke H, et al. *Acta Biol Med German* 23:361-4, 1969 (Ger)
- [Kinin liberation from human plasma by streptokinase] Fischer G, et al. *Arzneimittelforschung* 20:580-4, Apr 70 (Ger)



- [Procedures for the determination of the total neuraminic acid content of erythrocytes and tumor cells, as well as in the use of pronase in tissue culture] Uhlenbruck G, et al. *Bibl Haemat* 32:337-48, 1969 (Ger)
- [The acute antidiuretic activity of the epiphysis cerebri in Wistar rats] König A, et al. *Endokrinologie* 55:353-8, 1970 (Ger)
- [The trypsin stability of ABO-isoagglutinins] Haferland W. *Folia Haemat (Leipzig)* 92:227-35, 1969 (Ger)
- [The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors] Landman H, et al. *Thromb Diath Haemorrh* 22:552-68, 31 Dec 69 (Ger)
- [The effect on blood coagulation of the trypsin-like protease from *Astacus leptodactylus* (Crustacea)] Zwilling R, et al. *Thromb Diath Haemorrh* 23:360-8, 1970 (Ger)
- [Electronmicroscopic studies on lipopigments in different cells after treatment with enzymes and organic solvents] Gedigk P, et al. *Verh Deutsch Ges Path* 53:274-7, 1969 (Ger)
- [The isolation and purification of an agglutinin from the protein producing gland of *Helix pomatia*] Knobloch W, et al. *Z Immunitätsforsch* 139:119-28, Feb 70 (Ger)
- [Classification of specific thrombocyte antigens. V. Effect of enzymes on platelet antigens 1a, 2a, and 3a (Koa)] Májský A. *Z Immunitätsforsch* 139:161-71, Feb 70 (Ger)
- [Calf cornea cells in culture. I. Properties of a fibroblastoid and an epitheloid cell line and their usefulness for the study of several viruses pathogenic to animals] Ludwig H, et al. *Z Med Mikrobiol Immun* 155:133-49, 1969 (Ger)
- [Influence of intestinal juices on *Taenia* egg membranes] Gönner R, et al. *Z Parasitenk* 32:237-53, 1969 (Ger)
- [The behavior of trypsinized choroid plexus cells in tissue cultures. An electron microscopic study] Meller K, et al. *Z Zellforsch* 97:392-402, 1969 (Ger)
- [The effect of pronase and trypsin on a murine reo-3-virus] Kaaden OR. *Zbl Bakt [Orig]* 212:408-12, 1970 (Ger)
- [The function of the exocrine pancreas after vagotomy (experimental study)] Vecchioli R, et al. *Acta Chir Ital* 24:27-37, Jan-Feb 68 (Ita)
- [The dystrophic periodontal diseases as manifestation of peripheral vascular disease] Giardino C, et al. *Minerva Stomat* 18:378-87, Jul 69 (Ita)
- [Clinical studies of tryptic digests of bovine growth hormone (TBGH)] Isobe S, et al. *Clin Endocr (Tokyo)* 18:757-60, Sep 70 (Jap)
- [Enzyme chemistry of kinin releasing mechanism] Suzuki Y, et al. *J Jap Med Ass* 63:913-20, 1 Apr 70 (Jap)
- [Interaction of positively charged substances with a sialoglycopeptide released from human erythrocytes by treatment with trypsin] Okuma S. *J Pharm Soc Jap* 90:647-50, May 70 (Jap)
- [Studies on the activation mechanism of fibrinolysis by dextran sulphate] Mihara H, et al. *J Physiol Soc Jap* 32:25-34, Jan 70 (Jap)
- [Application of neuromuscular blocking agents in anesthesia] Iwatsuki K. *Jap J Anesth* 19:595-604, Jun 70 (42 ref.) (Jap)
- [Effect of trypsin and nagarse on various *Mycoplasma* organisms] Okano H, et al. *Jap J Bact* 25:321-8, Jun 70 (Jap)
- [Staphylococcal nuclease] Ono M, et al. *Protein (Tokyo)* 15:101-16, Feb 70 (77 ref.) (Jap)
- [Electron microscope studies on intestinal smooth muscle. II. Changes of dense bodies and dense patches caused by various biochemical treatment] Miura S. *Sapporo Med J* 35:422-33, Jun 69 (Jap)
- [Enzymatic activation of liver antigens reacting with normal and anti-hepatoma antibodies in mice] Shevchenko VS. *Vop Onkol* 15:101-3, 1969 (Rus)
- [Variability of tick-borne encephalitis virus. 5. Genetic characteristics of strains with different degrees of virulence] Andzhaparidze OG, et al. *Vop Virus* 14:687-91, Nov-Dec 69 (Rus)

## PHYSIOLOGY

- "Tryptic enteritis": its role in the pathogenesis of stress ulcer and shock. Bounous G. *Canad J Surg* 12:397-409, Oct 69

## RADIATION EFFECTS

- The effect of oxygen concentration on the quantum yields of the dye-sensitized photoinactivation of trypsin, alpha-chymotrypsin and lysozyme. Hodgson CF, et al. *Experientia* 25:1021-2, 15 Oct 69
- Studies on the rate of U.V. inactivation of trypsin as measured by three different assay methods. Ghiron CA, et al. *Photochem Photobiol* 11:141-3, Feb 70
- Proteolytic digestion rates for altered enzymes. Stevens CO, et al. *Radiat Res* 41:362-74, Feb 70
- [Inactivation and radical formation following UV-irradiation of trypsin in suspension] Nemec HW. *Biophysik* 6:301-14, 1970 (Ger)

## SECRETION

- Regulation of pancreatic enzyme levels by trypsin inhibitors. Geratz JD, et al. *Amer J Physiol* 219:705-11, Sep 70
- Vagal stimulation. II. Its effect on pancreatic secretion in conscious dogs. Bourde J, et al. *Ann Surg* 171:357-64, Mar 70
- Significance of cyclic AMP in the regulation of exocrine pancreas secretion. Knodell RG, et al. *Experientia* 26:515-7, 15 May 70
- Simultaneous measurements of total pancreatic, biliary, and gastric outputs in man using a perfusion technique. Go VL, et al. *Gastroenterology* 58:321-8, Mar 70
- Stimulation of pancreatic secretion by intraduodenal infusion of bile-salts. Wormsley KG. *Lancet* 2:586-8, 19 Sep 70
- Pancreatic exocrine secretion in normal subjects studied by continuous infusion of pancreozymin and secretin. Schütz HB, et al. *Scand J Gastroent* 4:597-602, 1969
- The response to infusion of a combination of secretin and pancreozymin in health and disease. Wormsley KG. *Scand J Gastroent* 4:623-32, 1969
- Response to duodenal acidification in man. 3. Comparison with the effects of secretin and pancreozymin. Wormsley KG. *Scand J Gastroent* 5:353-60, 1970
- [Determination of the half-life time of cholecystokinin] Lehnert P, et al. *Hoppe Seyler Z Physiol Chem* 351:983-9, Aug 70 (Ger)

## STANDARDS

- [Comparative characteristics of Difco trypsin and chymopsin in work with tissue cultures] Terekhina NK, et al. *Vop Virus* 15:120-3, Jan-Feb 70 (Rus)

## THERAPEUTIC USE

- The use of trypsin in the treatment of inflammatory oedema. Humphries SV. *Cent Afr J Med* 15:186-7, Aug 69
- [Prevention of cervical endometriosis following electrocoagulation] Mendl V. *Cesk Gynec* 34:605-6, Dec 69 (Cze)
- [Indications, technics and results of continued drainage in otitis serosa] Bouche J, et al. *Ann Otolaryng (Paris)* 86:453-5, Jul-Aug 69 (Fre)
- [Enzymes used as drugs] Bar D. *Lille Med* 15:827-47, May 70 (Fre)
- [Antibiotic-enzymatic-balsamic therapy in inflammatory pathology of the female genital tract] Cubesi G, et al. *Minerva Ginec* 22:572-8, 15 Jun 70 (Ita)
- [Hemorrhoids: a new drug therapy] D'Arrigo C. *Minerva Med* 60:4327-34, 31 Oct 69 (Ita)
- [Oral administration of an association of an antibiotic, enzymes and balsam in septic inflammatory diseases in gynecology and obstetrics] Locardi G. *Minerva Med* 61:961-5, 10 Mar 70 (Ita)
- [The use of the association of tetracycline hydrochloride with pancreatic proteolytic enzymes in pediatrics] Berdondini F, et al. *Minerva Pediat* 21:2284-7, 1 Dec 69 (Ita)
- [Sequential experimentation with an antibiotic-enzyme therapy (combination of tetracycline HCl and pancreatic proteases) in urogenital diseases] Alberti C, et al. *Minerva Urol* 22:23-6, Jan-Feb 70 (Ita)
- [The use of trypsin in non-complicated dental caries] Myslínska M, et al. *Czas Stomat* 22:1031-3, Nov 69 (Pol)
- [New orientation in the long-term treatment of rheumatic processes. Preliminary note] Bianchi W, et al. *Hospital (Rio)* 77:605-11, Feb 70 (Por)



- [Enzymatic-antibiotic combination in odontology. 1st observations] Borgo E.  
Hospital (Rio) 77:449-60, Feb 70 (Por)
- [Enzyme therapy of trophic ulcers] Gostishchev VK, et al. Sovet Med 33:43-7, Mar 70 (26 ref.) (Rus)
- [Proteolytic enzymes in the therapy of thrombophlebitis] Grigorian AV, et al. Sovet Med 32:89-95, Feb 69 (Rus)
- [Effectiveness of proteolytic enzymes in the therapy of patients with obstructive pulmonary emphysema] Zhuravleva NI. Sovet Med 32:58-61, 1969 (Rus)
- [Role of proteolytic enzymes in prevention and therapy of complications following skin plastic surgery of the face and jaw] Balon LR, et al. Vestn Khir Grekov 102:66-9, Apr 69 (Rus)
- [Antibiotics and proteolytic enzymes in the therapy of acute odontogenic osteomyelitis] Kaplun MS, et al. Vestn Khir Grekov 103:58-9, Dec 69 (Rus)
- [Use of proteolytic enzymes in the treatment of acute suppurative diseases of the maxillo-facial area] Protasevich AI. Vestn Khir Grekov 102:83-5, Mar 69 (Rus)
- [Local application of several enzymes in the treatment of chronic suppurative otitis media with cholesteatoma] Feigin GA, et al. Vestn Otorinolaring 32:26-30, May 70 (Rus)
- [Treatment of nonspecific lung diseases with proteolytic enzymes] Kondilenko AG, et al. Vrach Delo 1:82-5, Jan 69 (Rus)
- [Rational methods of use of trypsin in the treatment of chronic otitis (experimental studies)] Dmitrenko VV. Zh Ushn Nos Gori Bolez 28:33-8, Jan-Feb 68 (Rus)
- [Treatment of phlegmous and abscesses of dental origin with tetracycline-L-Metillenlisina plus trypsin-alpha-chymotrypsin by mouth] Cacchione E, et al. Rev Circ Argent Odont 33:42-8, Apr 70 (Spa)
- [Clinical evaluation of an enzyme-antibiotic treatment in dentistry using the "double-blind" method] Sabelli CA, et al. Rev Circ Argent Odont 32:41-8, Aug 69 (Spa)
- [Action of tetracycline-L-methacycline with trypsin-alpha-chymotrypsin in oral surgery] Arienza B. Trib Odont (B Air) 54:15-7, Jan-Mar 70 (Spa)

## TOXICITY

- Cellular membranes in the etiology of acute pancreatitis. Haig TH. Surg Forum 20:380-2, 1969
- [The pathogenesis of acute pancreatitis] Aruin LI, et al. Biull Eksp Biol Med 69:42-6, May 70 (Rus)
- [Antiproteolytic properties of nonsteroid anti-inflammatory agents] Trinus FP, et al. Farmakol Toksik 32:715-8, Nov-Dec 69 (Rus)

## TRYPSIN INHIBITORS

- Proteolytic enzymes in the skin. 3. Studies on the extractability, stability and modifier characteristics of the caseinolytic enzymes in the rat skin. Jansén CT, et al. Acta Dermatovenere (Stockholm) 49:525-35, 1969
- Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al. Ann Intern Med 72:427-9, Mar 70 (27 ref.)
- More on antitrypsin activity in lung disease. Fallat RJ. Ann Intern Med 72:438-9, Mar 70
- Alteration in distribution of pulmonary blood flow: an early manifestation of alpha-1-antitrypsin deficiency. Levine BW, et al. Ann Intern Med 73:397-401, Sep 70
- More on antitrypsin activity in lung disease. Lieberman J, et al. Ann Intern Med 72:437-8, Mar 70
- Specific irreversible enzyme inhibitors. Baker BR. Ann Rev Pharmacol 10:35-50, 1970 (104 ref.)
- The effect of N-bromosuccinimide upon trypsinogen activation and trypsin catalysis. Daniel VW 3d, et al. Arch Biochem 134:506-14, Nov 69
- Inhibition of some enzymes by nonsteroid anti-inflammatory compounds at high temperature. Wolna E, et al. Arch Immun Ther Exp 17:795-805, 1969
- Modification of carboxyl groups in the active site of trypsin. Eyl A, et al. Biochem Biophys Res Commun 38:149-55, 6 Jan 70
- Activity distributions in modified alpha-chymotrypsin. Kasche V. Biochem Biophys Res Commun 38:875-81, 12 Mar 70
- Chemical modifications of amino groups of trypsin. Nureddin A, et al. Biochem Biophys Res Commun 36:999-1005, 10 Sep 69
- Purification and characterization of a naturally occurring activator of cholesterol biosynthesis from delta 5,7-cholestadienol and other precursors. Ritter

- MC, et al. Biochem Biophys Res Commun 38:921-9, 12 Mar 70
- A trypsin sensitive site for the action of hydrocortisone on calf thymus nuclei. Wagner TE. Biochem Biophys Res Commun 38:890-3, 12 Mar 70
- Identification of the heterozygous state for the alpha-1-antitrypsin deficiency gene in man. Kueppers F. Biochem Genet 3:283-8, Jun 69
- The modification of essential carboxylic acid side chains of trypsin. Feinstein G, et al. Biochemistry (Wash) 8:4949-55, Dec 69
- Isolation and comparative properties of shrimp trypsin. Gates BJ, et al. Biochemistry (Wash) 8:4483-9, Nov 69
- Characterization of the self-association of a soybean proteinase inhibitor by membrane osmometry. Harry JB, et al. Biochemistry (Wash) 8:5060-4, Dec 69
- Evidence that cocoonase and trypsin interact with soybean trypsin inhibitor at the same reactive site. Hixson HF Jr, et al. Biochemistry (Wash) 9:166-70, 6 Jan 70
- Lima bean trypsin inhibitor. Limited proteolysis by trypsin and chymotrypsin. Krahn J, et al. Biochemistry (Wash) 9:2646-52, 23 Jun 70
- Porcine elastase. II. Properties of the tyrosinate-splitting enzymes and the specificity of elastase. Marshall TH, et al. Biochemistry (Wash) 8:4671-7, Dec 69
- Studies of the location of the tyrosyl residues in insulin. II. Menendez CJ, et al. Biochemistry (Wash) 8:5052-9, Dec 69
- Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Nakagawa Y, et al. Biochemistry (Wash) 9:259-67, 20 Jan 70
- Isolation of a zinc alpha-2-macroglobulin from human serum. Parisi AF, et al. Biochemistry (Wash) 9:2421-6, 9 Jun 70
- Determination of interaction parameters for a generalized associating system from colligative data. Steiner RF. Biochemistry (Wash) 9:1375-9, 17 Mar 70
- Determination of trypsin-inhibitor complex dissociation by use of the active site titrant, p-nitrophenyl-p'-guanidinobenzoate. Zahnley JC, et al. Biochemistry (Wash) 9:1428-33, 17 Mar 70
- Cyclic 3',5'-nucleotide phosphodiesterase. Preparation of a partially inactive enzyme and its subsequent stimulation by snake venom. Cheung WY. Biochim Biophys Acta 191:303-15, 4 Nov 69
- Accumulation of inhibitors of protein synthesis after valine starvation. II. Effect on polyphenylalanine synthesis and the binding of phenylalanyl transfer RNA. Daneo-Moore L, et al. Biochim Biophys Acta 195:145-55, 19 Nov 69
- Selective effect of domiphen bromide (dodecyltrimethyl(2-phenoxylethyl)ammonium bromide) on some hydrolytic enzymes. Mäkinen KK, et al. Biochim Biophys Acta 206:143-51, 22 Apr 70
- Purification and some properties of hemorrhagic principle I in the venom of *Trimeresurus flavoviridis*. Omori-Sato T, et al. Biochim Biophys Acta 207:432-44, 23 Jun 70
- Generation of the proteolytic activity bound with alpha 2-macroglobulin during plasma clotting. Szczeklik A. Clin Chim Acta 27:339-46, Feb 70
- Comparative biochemistry of proteases from a coelenterate. Coan MH, et al. Comp Biochem Physiol 32:127-39, 1 Jan 70
- Digestive proteases in the cyclostome *Myxine glutinosa* (L.). Nilsson A, et al. Comp Biochem Physiol 32:237-50, 15 Jan 70
- Insulin protection against fat cell receptor inactivation by trypsin. Czech MP, et al. Endocrinology 87:191-4, Jul 70
- Isolation and characterization of porcine proelastase. Gertler A, et al. Europ J Biochem 12:170-6, Jan 70
- A soybean proteinase inhibitor. Thermodynamic and kinetic parameters of association with enzymes. Harry JB, et al. Europ J Biochem 16:174-9, Sep 70
- The structure of the porcine pancreatic secretory trypsin inhibitor. I. A sequence determination by Edman degradation and mass spectral identification of the p-bromophenyl-thiohydantoins. Tschesche H, et al. Europ J Biochem 16:187-96, Sep 70
- On the use of tetranitromethane as a nitration reagent. The reaction of phenol side-chains in bovine and porcine trypsinogens and trypsins. Vincent JP, et al. Europ J Biochem 12:250-7, Feb 70
- Inhibitory effect of aromatic diamidines on trypsin and enterokinase. Geratz JD. Experientia 25:1254-5, 15 Dec 69



# SUBJECT SECTION

# TRYPSIN

The effect of glucose, glucose monophosphates and inorganic phosphate on the tryptic digestion of phosphorylase b. Muszbek L, et al. *Experientia* 26:25-6, 15 Jan 70

A trypsin-like protease in guinea pig skin. Song CW, et al. *Experientia* 25:1063-4, 15 Oct 69

Cross-reactions between human and animal plasma proteins. I. The immunological evolution groups (IEG) I and II. Bauer K. *Humangenetik* 8:325-9, 1970

Immunological aspects of the binding of substrate analogues and polypeptide inhibitors to alpha-chymotrypsin. Buccell E, et al. *Immunochemistry* 7:289-303, Mar 70

2,4-Dinitrophenol inhibition of chymotrypsin, trypsin and pronase digestion of bovine serum albumin. Bonewell GW, et al. *Ital J Biochem* 18:457-74, Nov-Dec 69

The use of proflavin as an indicator in temperature-jump studies of the binding of a competitive inhibitor to trypsin. Guillemin F, et al. *J Amer Chem Soc* 92:5534-6, 9 Sep 70

A study on the interaction of soybean trypsin inhibitor with trypsin by circular dichroism. Ishida M, et al. *J Biochem (Tokyo)* 67:363-71, Mar 70

Studies on alpha 2-macroglobulin in bovine plasma. II. Interaction of alpha2-macroglobulin and trypsin. Nagasawa S, et al. *J Biochem (Tokyo)* 67:821-32, Jun 70

Formation from trypsin and modified soybean trypsin inhibitor of a complex which upon kinetic control dissociation yields trypsin and virgin inhibitor. Hixson HF Jr, et al. *J Biol Chem* 245:2027-35, 25 Apr 70

Destruction and restoration of the insulin effector system of isolated fat cells. Kono T. *J Biol Chem* 244:5777-84, 10 Nov 69

The lung scan in alpha-1-antitrypsin deficiency. Welch MH, et al. *J Nucl Med* 10:687-90, Nov 69

Effect of tannic acid and related compounds on the absorption and utilization of proteins in the rat. Glick Z, et al. *J Nutr* 100:516-20, May 70

Alpha 1-antitrypsin deficiency and emphysema. Lieberman J, et al. *JAMA* 211:1701, 9 Mar 70

Alpha 1-antitrypsin deficiency and emphysema. Resnick H, et al. *JAMA* 211:1701, 9 Mar 70

Obstructive lung disease in hereditary alpha 1-antitrypsin deficiency. Townley RG, et al. *JAMA* 214:325-31, 12 Oct 70

Alpha-1-antitrypsin deficiency emphysema. *JAMA* 210:1094-5, 10 Nov 69

Antitrypsin deficiency in chronic obstructive lung disease. *Lancet* 1:71, 10 Jan 70

Pancreatic enlargement by trypsin inhibitor and low molecular weight compounds. *Nutr Rev* 27:266-9, Sep 69 (6 ref.)

Selective chemical modification of proteins. Shaw E. *Physiol Rev* 50:244-96, Apr 70 (268 ref.)

An immunological approach to the study of evolution of trypsins. Arnon R, et al. *Proc Nat Acad Sci USA* 64:1323-8, Dec 69

Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Back N, et al. *Proc Soc Exp Biol Med* 133:740-3, Mar 70

Inhibition by seminal plasma of acrosomal enzymes in intact sperm. Zaneveld JJ, et al. *Proc Soc Exp Biol Med* 133:1172-4, Apr 70

The radiographic manifestations of alpha-1 antitrypsin deficiency. An important recognizable pattern of chronic obstructive pulmonary disease (COPD). Bell RS. *Radiology* 95:19-24, Apr 70

The roentgenographic findings in alpha-1 antitrypsin deficiency (AAD). Rosen RA, et al. *Radiology* 95:25-8, Apr 70

Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. Grotto L, et al. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69

Protection against early radiation injury to the microvasculature. ANL-7635. Stearner SP, et al. *US AEC Argonne Nat Lab* 30-4, Dec 69

[Deficiency of alpha-1-antitrypsin and chronic pulmonary disease] Varpela E, et al. *Duodecim* 85:950-5, 1969 (Fin)

[Inhibition of trypsin catalysis by cationic carbonic acid esters and amides] Hartmann H, et al. *Europ J Biochem* 16:80-91, Sep 70 (Ger)

[Determination method for plasma kinin and related enzymes and their role in various disease states] Katori M. *Jap J Allerg* 18:505-17, Jun 69 (67 ref.) (Jap)

[Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)

[Naturally occurring inhibitors of proteolytic enzymes]

Sawaryn A. *Postepy Hig Med Dosw* 23:787-804, 1969 (103 ref.) (Pol)

[Effect of enzymatic preparations of microbial origin on the enzymatic function of the stomach and pancreas] Portnova NG, et al. *Vop Pitani* 28:45-9, Jul-Aug 69 (Rus)

## ADMINISTRATION & DOSAGE

Distribution and elimination of exogenous alpha-antitrypsin. Makino S, et al. *J Lab Clin Med* 75:742-6, May 70

## ANALYSIS

Urinary and serum trypsin inhibitors in viral hepatitis. Nowak S, et al. *Acta Med Pol* 11:179-86, 1970

Concentration of trypsin inhibitors of different molecular size and of albumin and haptoglobin in blood and in lymph of various organs in the dog. Ganrot PO, et al. *Acta Physiol Scand* 79:280-6, Jun 70

Serum protein concentrations in pregnancy. 3. Analysis of maternal-cord serum pairs. Mendenhall HW. *Amer J Obstet Gynec* 106:718-20, Mar 70

Effect of oral contraceptives on serum protein concentrations. Mendenhall HW. *Amer J Obstet Gynec* 106:750-3, Mar 70

Serum protein concentrations in pregnancy. II. Concentrations in cord serum and amniotic fluid. Mendenhall HW. *Amer J Obstet Gynec* 106:581-5, 15 Feb 70

Immunochemical methods for detection and quantitation of Kunitz soybean trypsin inhibitor. Catsimpooolas N, et al. *Anal Biochem* 31:437-47, 1 Oct 69

Pancreatic enzymes of the African lungfish *Protopterus aethiopicus*. Reeck GR, et al. *Biochemistry (Wash)* 9:1398-403, 17 Mar 70

The molecular weight of the Bowman-Birk soybean protease inhibitor. Kakade ML, et al. *Biochim Biophys Acta* 200:168-9, 20 Jan 70

Trypsin inhibitors from *Ascaris lumbricoides* var. suis. Kucich U, et al. *Biochim Biophys Acta* 200:47-57, 20 Jan 70

Biochemistry of cervical mucus. Schumacher GF. *Fertil Steril* 21:697-705, Oct 70 (47 ref.)

Partial purification and properties of urokinase inhibitor from human placenta. Kawano T, et al. *J Biochem (Tokyo)* 67:333-42, Mar 70

Relationship of a trypsin-like enzyme in rabbit spermatozoa to capacitation. Zaneveld LJ, et al. *J Reprod Fertil* 20:337-9, Nov 69

Trypsin inhibitors. *Lancet* 1:601-2, 21 Mar 70

The basic trypsin inhibitor of bovine pancreas. I. Structure analysis and conformation of the polypeptide chain. Huber R, et al. *Naturwissenschaften* 57:389-92, Aug 70

Trypsin-inhibitory and growth-depressing activities of groundnut skins (testa). Anantharaman K. *Proc Nutr Soc* 28:46A-47A, Sep 69

[Isolation of the trypsin inhibitor from sheep pancreas and its behavior toward proteolytic enzymes] Fritz H, et al. *Hoppe Seyler Z Physiol Chem* 351:145-50, Feb 70 (Ger)

[A new trypsin-chymotrypsin inhibitor in female cervix secretion] Haendle H, et al. *Hoppe Seyler Z Physiol Chem* 351:545-6, Apr 70 (Ger)

[Plant protease inhibitors. VII. Amino acid sequence of the specific trypsin inhibitor from maize seeds, and characterization of the polymer] Hochstrasser K, et al. *Hoppe Seyler Z Physiol Chem* 351:721-8, Jun 70 (Ger)

[Trypsin inhibitors. V. Isolation of a des-thr-ser-pro-gln-arg-trypsin inhibitor with full biological activity from the pig] Tschesche H, et al. *Hoppe Seyler Z Physiol Chem* 350:1662-8, Dec 69 (Ger)

[Trypsin inhibitors. IV. 2 specific trypsin inhibitors from porcine pancreas] Tschesche H, et al. *Hoppe Seyler Z Physiol Chem* 350:1247-56, Oct 69 (Ger)

[Postoperative changes in trypsin inhibitor activity in pancreatic secretion in the human and the effect of Trasylol] Dinstl K, et al. *Langenbecks Arch Chir* 325:353-6, 1969 (Ger)

[Proteinase inhibitors. 2. Proteinase inhibitors and insulin preparation] Stokov I, et al. *Pharmazie* 24:477-9, Aug 69 (Ger)

[Quantitative determination of human serum proteins using immunodiffusion plates. II. Evaluation of normal values of alpha 1-antitrypsin, haptoglobin and alpha 2-macroglobulin] Miyatani K, et al. *Jap J Clin Path* 17:850-2, Nov 69 (Jap)



## TRYPSIN

## SUBJECT SECTION

### BIOSYNTHESIS

The PI system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al.  
*Progr Med Genet* 7:96-111, 1970 (73 ref.)

### BLOOD

Urinary and serum trypsin inhibitors in viral hepatitis. Nowak S, et al. *Acta Med Pol* 11:179-86, 1970  
 Concentration of trypsin inhibitors of different molecular size and of albumin and haptoglobin in blood and in lymph of various organs in the dog. Ganrot PO, et al. *Acta Physiol Scand* 79:280-6, Jun 70  
 Alpha-1 antitrypsin and alpha-1 lipoprotein in plasmamucoid of rheumatoid arthritis patients. Stépán J, et al. *Acta Rheum Scand* 15:305-15, 1969  
 Immunochemical quantitation of acute phase reactive proteins in myocardial infarction. Agostoni A, et al. *Amer Heart J* 80:313-8, Sep 70  
 Serum protein concentrations in pregnancy. I. Concentrations in maternal serum. Mendenhall HW. *Amer J Obstet Gynec* 106:388-99, 1 Feb 70  
 Human lung allotransplantation. Report of two cases. Beall AC Jr, et al. *Amer J Surg* 119:300-10, Mar 70  
 Serum enzyme inhibitor concentrations in the respiratory distress syndrome. Evans HE, et al. *Amer Rev Resp Dis* 101:359-63, Mar 70  
 The pattern of inheritance of alpha 1 antitrypsin deficiency and associated pulmonary disease. Richardson RH, et al.  
*Amer Rev Resp Dis* 100:619-25, Nov 69  
 Chronic obstructive pulmonary disease and heterozygous alpha-1 antitrypsin deficiency. Falk GA. *Ann Intern Med* 72:595-6, Apr 70  
 Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al.  
*Ann Intern Med* 72:427-9, Mar 70 (27 ref.)  
 Genetic and environmental determinants of chronic obstructive pulmonary disease. Larson RK, et al.  
*Ann Intern Med* 72:627-32, May 70  
 Screening for heterozygous alpha-1-antitrypsin deficiency. II. Effect of other serum protein abnormalities. Liebermann J, et al.  
*Ann Intern Med* 73:9-13, Jul 70  
 A fluorometric determination of trypsin-like amidase activity and activity of trypsin inhibitors in serum. Uete T, et al. *Clin Chem* 16:322-30, Apr 70  
 Pulmonary emphysema and alpha 1-antitrypsin deficiency. Hutchison DC, et al. *Clin Sci* 38:19P, Mar 70  
 Lung disease and alpha-1-antitrypsin deficiency. Pedersen JT, et al. *Danish Med Bull* 16:283-8, Oct 69  
 Serum PI types in some Lappish and Finnish populations. Fagerhol MK, et al.  
*Hum Hered* 19:360-4, 1969  
 Genetics of the PI serum types. Family studies of the inherited variants of serum alpha-1-antitrypsin. Fagerhol MK, et al. *Hum Hered* 19:354-9, 1969  
 Immunological investigations on the evolution of beta 2-glycoproteins 2 and 3, IgD and inter-alpha-trypsininhibitor. Bauer K.  
*Humangenetik* 8:357-60, 1970  
 Emphysema with hereditary alpha-1 antitrypsin deficiency masquerading as asthma. Makino S, et al.  
*J Allerg* 46:40-8, Jul 70  
 Serum proteins, amyloid and Alzheimer's disease. Behan PO, et al. *J Amer Geriatr Soc* 18:792-7, Oct 70  
 A longitudinal study of serum alpha-1-antitrypsin, alpha-2-macroglobulin, transferrin, immunoglobulins IgG, IgA and IgM, and H- and O-agglutinin titers in children following infection with *Salmonella enteritidis*. Wiedermann D, et al.  
*J Infect Dis* 121:74-7, Jan 70  
 Screening for homozygous and heterozygous alpha 1-antitrypsin deficiency. Protein electrophoresis on cellulose acetate membranes. Lieberman J, et al.  
*JAMA* 210:2055-60, 15 Dec 69  
 Obstructive lung disease in hereditary alpha 1-antitrypsin deficiency. Townley RG, et al.  
*JAMA* 214:325-31, 12 Oct 70  
 Antitrypsin deficiency in lung disease. Sakula A. *Lancet* 1:302-3, 7 Feb 70  
 Alpha-antitrypsin deficiency: a case report. Toledo TM, et al. *Milit Med* 134:1531-4, Dec 69  
 Alpha 1-antitrypsin deficiency. Burgert W Jr.  
*Postgrad Med* 47:63-6, May 70  
 The PI system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al.  
*Progr Med Genet* 7:96-111, 1970 (73 ref.)

Alpha-1-antitrypsin deficiency. Lieberman J, et al. *Science* 167:1015-6, 13 Feb 70  
 Effect of oral contraceptives on serum protein concentrations. Mendenhall HW.  
*Surg Forum* 20:404-5, 1969  
 In vitro, cell protective effects by certain antiproteases of human serum. Landureau JC, et al.  
*Z Naturforsch [B]* 25:231-2, Feb 70  
 [Alpha-1-antitrypsin deficiency, PI groups and chronic bronchopneumopathy] Vidal J, et al.  
*Presse Med* 78:783-6, 4 Apr 70 (Fre)  
 [Alpha-1-antitrypsin deficiency in 100 cases of chronic obstructive bronchopneumopathy] Haas C, et al.  
*Rev Tuberc (Paris)* 33:1063-72, Dec 69 (Fre)  
 [Identity of progressive antikaillkrein with alpha-1-antitrypsin from human serum] Fritz H, et al.  
*Hoppe Seyler Z Physiol Chem* 350:1551-5, Dec 69 (Ger)  
 [Quantitative changes in serum proteins after freezing and thawing] Cohnen G, et al.  
*Z Klin Chem* 7:63-5, Jan 69 (Ger)  
 [A method for the identification and correlation of Laurell electrophoresis peaks] Stephan W, et al.  
*Z Klin Chem* 8:391-3, Jul 70 (Ger)  
 [Cross electrophoresis (1969 Japan Medical Association prize-winning thesis)] Nakamura S.  
*J Jap Med Ass* 63:47-63, 1 Jan 70 (34 ref.) (Jap)  
 [Determination of the antitrypsin and proteolytic activity in human serum] Kudrewicz-Hubicka Z, et al.  
*Pol Tyg Lek* 25:1076-8, 20 Jul 70 (Pol)  
 [Proteolytic and antiproteolytic activity of the blood of patients with acute pancreatitis and cholepancreatitis] Akhigitov GN, et al.  
*Ter Arkh* 41:94-8, Nov 69 (Rus)  
 [The content and activity of basic components of kinin system in blood serum of patients with rheumatism] Pashkina TS, et al.  
*Vop Med Khim* 16:152-61, Mar-Apr 70 (Rus)  
 [Changes in the activity of the rat serum trypsin inhibitors during fasting] Pokrovskii AA, et al.  
*Vop Pitani* 28:82-3, Mar-Apr 69 (Rus)

### ISOLATION & PURIFICATION

Separation of a mouse growth inhibitor in soybeans from trypsin inhibitors. Schingoethe DJ, et al.  
*J Nutr* 100:739-48, Jul 70  
 [Isolation of protease inhibitors by water-insoluble trypsin-cellulose resins] Fritz H, et al.  
*Hoppe Seyler Z Physiol Chem* 351:571-4, May 70 (Ger)  
 [Isolation of the trypsin inhibitor from sheep pancreas and its behavior toward proteolytic enzymes] Fritz H, et al.  
*Hoppe Seyler Z Physiol Chem* 351:145-50, Feb 70 (Ger)  
 [Proteinase inhibitors. 2. Proteinase inhibitors and insulin preparation] Stokov I, et al.  
*Pharmazie* 24:477-9, Aug 69 (Ger)  
 [Preparation of urease and trypsin inhibitor from X soy beans] Polanowski A, et al.  
*Acta Pol Pharm* 26:379-83, 1969 (Pol)

### METABOLISM

Hormonal stimulation of protease inhibitor activity in endometrial secretion during early pregnancy. Beier HM. *Acta Endocr (Kobenhavn)* 63:141-9, Jan 70  
 A further physiological role for naturally occurring trypsin inhibitors: the evidence for a trophic stimulant of the pancreatic acinar cell. Melmed RN, et al.  
*Gut* 10:973-9, Dec 69  
 Distribution and elimination of exogenous alpha-1-antitrypsin. Makino S, et al.  
*J Lab Clin Med* 75:742-6, May 70  
 Antitrypsin deficiency in chronic obstructive lung disease. Eriksson S. *Lancet* 1:891-2, 25 Apr 70  
 Antitrypsin deficiency in lung disease. Lichter I. *Lancet* 1:1113, 23 May 70  
 Regional ventilation and perfusion after lung transplantation in patients with emphysema. Stevens PM, et al. *New Eng J Med* 282:245-9, 29 Jan 70  
 Mechanism of pancreatic autodigestion.  
*New Eng J Med* 283:487-8, 27 Aug 70  
 [Study of plasminogen activator and trypsin inhibitor in gastric cancer, ulcer and experimental tumor.] Tsuchiya T. *Arch Jap Chir* 38:760-76, 1 Sep 69 (Jap)  
 [Parallels in changes in enterokinase and trypsin activity in patients with chronic diseases of the liver and pancreas] Valenkevich LN, et al.  
*Vrach Dele* 10:13-5, Oct 69 (Rus)



# SUBJECT SECTION

# TRYPSINOGEN

## PHARMACODYNAMICS

- Substrates for kinin-releasing enzymes in rat plasma. Briseid K, et al. *Acta Pharmacol (Kobenhavn)* 28:138-44, 1970
- Regulation of pancreatic enzyme levels by trypsin inhibitors. Geratz JD, et al. *Amer J Physiol* 219:705-11, Sep 70
- In vitro synthesis of pancreatic enzymes: effect of soybean trypsin inhibitor. Konijn AM, et al. *Amer J Physiol* 218:1113-7, Apr 70
- Activation of coagulase clotting by trypsin inhibitor. Orth DS, et al. *Appl Microbiol* 18:906-10, Nov 69
- Occurrence and properties of a thermostable protease secreted by sea-urchin embryos. Barrett D. *Biochem J* 117:61-4, Mar 70
- The specificity of proteinases from *Streptomyces griseus* (pronase). Trop M, et al. *Biochem J* 116:19-25, Jan 70
- Chlorpromazine photosensitivity in mice: its action spectrum and the effect of anti-inflammatory agents. Hunter JA, et al. *Brit J Derm* 82:157-68, Feb 70
- Some pharmacodynamic properties of carrageenin in the rat. Di Rosa M, et al. *Brit J Pharmacol* 38:214-20, Jan 70
- Differential effect of porcine proinsulin on rat epididymal fat cells and fat pieces. Challoner DR, et al. *Diabetes* 19:289-95, May 70
- Antipolytic effect of porcine proinsulin. Steele AA, et al. *Diabetes* 19:91-7, Feb 70
- Faecal proteolysis of albumin and IgG in Crohn's disease and ulcerative colitis. Soltoft J, et al. *Digestion* 2:282-8, 1969
- The effect of insulin, steroid and other hormones on the survival of the rat salivary glands in organ culture. Lucas DR, et al. *Exp Cell Res* 60:262-8, May 70
- C1 inactivator inhibition by plasmin. Harpel PC. *J Clin Invest* 49:568-75, Mar 70
- Increased vascular permeability produced by human platelet granule cationic extract. Nachman RL, et al. *J Clin Invest* 49:274-81, Feb 70
- Inability of dextran to release kinin in rats. Starr MS. *J Pharm Pharmacol* 22:139-40, Feb 70
- The break-down of 131-I-gamma-globulin in the digestive tract of the new-born pig. Hardy RN. *J Physiol (London)* 205:435-51, Nov 69
- Trypsin inhibitors. *Lancet* 1:601-2, 21 Mar 70
- Endotoxin-induced kinin (bradykinin) formation: activation of Hageman factor and plasma kallikrein in human plasma. Pettinger WA, et al. *Life Sci* 9:313-22, 15 Mar 70
- Hemolysis and blood coagulation: evidence of inhibitory effects. Triantaphyllopoulos E. *Life Sci* 9:99-110, 22 Jan 70
- Release from density dependent growth inhibition by proteolytic enzymes. Sefton BM, et al. *Nature (London)* 227:843-5, 22 Aug 70
- Tumorigenesis in mouse skin: inhibition by synthetic inhibitors of proteases. Troll W, et al. *Science* 169:1211-3, 18 Sep 70
- In vitro, cell protective effects by certain antiproteases of human serum. Landureau JC, et al. *Z Naturforsch [B]* 25:231-2, Feb 70
- The modification of the effect of trypsin on blood coagulation by natural and synthetic trypsin and thrombin inhibitors. Landman H, et al. *Thromb Diath Haemorrh* 22:552-68, 31 Dec 69 (Ger)
- Preparation of urease and trypsin inhibitor from X soy beans. Polanowski A, et al. *Acta Pol Pharm* 26:379-83, 1969 (Pol)
- Antitrypsin properties of proteins of bovine pancreas soluble in trichloroacetic acid. Wilmowska-Pelc A, et al. *Acta Pol Pharm* 26:609-16, 1969 (Pol)
- Kininogenase and kininase activity of some snake venoms. Evseeva LF, et al. *Farmakol Toksik* 32:432-4, Jul-Aug 69 (Rus)
- Anti-inflammatory effect of lprazid and DG-2. Riabukha TK. *Farmakol Toksik* 33:199-201, Mar-Apr 70 (Rus)
- Antiproteolytic properties of nonsteroid anti-inflammatory agents. Trinus FP, et al. *Farmakol Toksik* 32:715-8, Nov-Dec 69 (Rus)

## PHYSIOLOGY

- Postoperative pancreatitis. A study of seventy cases. White MT, et al. *Amer J Surg* 120:132-7, Aug 70
- Trypsin inhibitors of plant origin. Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)

## SECRETION

- Trypsin inhibitors. Bhoola KD. *Lancet* 1:778, 11 Apr 70

## THERAPEUTIC USE

- Further evidence for the involvement of kinin in anaphylactic shock in the rat. Starr MS, et al. *Brit J Pharmacol* 37:178-84, Sep 69
- [Current concepts on medical treatment of acute pancreatitis] Huguler M, et al. *Ann Chir* 23:1335-9, Dec 69 (Fre)
- [Probable pancreatic encephalopathy treated by trypsin inhibitors] Brion S, et al. *Rev Neurol (Paris)* 116:691-3, Jun 67 (Fre)
- [Treatment possibilities in allergic diseases] Raab W. *Ther Gegenw* 108:1710 passim, 1969 (Ger)
- [Therapeutic use of natural proteinase inhibitors] Gölzow M. *Z Ges Inn Med* 24:785-90, 15 Nov 69 (Ger)

## URINE

- Urinary and serum trypsin inhibitors in viral hepatitis. Nowak S, et al. *Acta Med Pol* 11:179-86, 1970
- Study of proteins and fibrinolysis in patients with glomerulonephritis. Wardle EN, et al. *Brit Med J* 1:260-3, 2 May 70

## TRYPSINOGEN

- The effect of N-bromosuccinimide upon trypsinogen activation and trypsin catalysis. Daniel VW 3d, et al. *Arch Biochem* 134:506-14, Nov 69
- Locating gaps in amino acid sequences to optimize the homology between two proteins. Fitch WM. *Biochem Genet* 3:99-108, Apr 69
- Occurrence and properties of a thermostable protease secreted by sea-urchin embryos. Barrett D. *Biochem J* 117:61-4, Mar 70
- Zymogen activation as a sensitive enzyme-amplifying assay for a protease with tryptic specificity. Barrett D. *Biochem J* 117:57-9, Mar 70
- On the use of tetranitromethane as a nitration reagent. The reaction of phenol side-chains in bovine and porcine trypsinogens and trypsins. Vincent JP, et al. *Europ J Biochem* 12:250-7, Feb 70
- Immunochemical studies on bovine trypsin and trypsinogen derivatives. Arnon R, et al. *Immunochemistry* 7:241-50, Mar 70
- Modification of a single disulfide bond in trypsinogen and the activation of the carboxymethyl derivative. Light A, et al. *J Biol Chem* 244:6289-96, 25 Nov 69
- Localization by peroxidase-labeled antibodies of bovine chymotrypsinogen. Schiff R, et al. *J Histochem Cytochem* 18:195-200, Mar 70
- A modified technic of isolated pancreatic perfusion. Rao MM, et al. *J Surg Res* 10:357-62, Aug 70
- [Molecular basis of antibody formation] Hilschmann N. *Naturwissenschaften* 56:195-205, Apr 69 (Ger)

## ANALYSIS

- Automatic systems for detecting cystine and cystinyl peptides during column chromatography. Walsh KA, et al. *Anal Biochem* 35:193-202, May 70
- Human pancreatic proteins: amylase, proelastase, and trypsinogen. Allan BJ, et al. *Arch Biochem* 136:529-40, Feb 70
- Studies on equine trypsinogen and trypsin. Harris CI, et al. *Biochem J* 114:82P, Oct 69
- Sulfonyl halides as modifying reagents for polypeptides and proteins. Quantitative evaluation of tryptophan and cysteic residues in proteins. Bocchi E, et al. *Europ J Biochem* 13:188-92, 1 Mar 70
- Comparison of the partial amino-acid sequence of dogfish trypsinogen with bovine trypsinogen. Bradshaw RA, et al. *Nature (London)* 226:237-9, 18 Apr 70
- [N-terminal sequence of wild boar trypsinogen and phylogeny of the Artiodactyles] Bricteux-Grégoire S, et al. *Arch Int Physiol* 77:544-5, Aug 69 (Fre)
- [Variations of pancreatic proteolytic enzyme activity in mice as a function of age] Meunier MT, et al. *J Physiol (Paris)* 62:Suppl 1:193-4, 1970 (Fre)

## BIOSYNTHESIS

- In vitro synthesis of pancreatic enzymes: effect of soybean trypsin inhibitor. Konijn AM, et al. *Amer J Physiol* 218:1113-7, Apr 70



ISOLATION & PURIFICATION

- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al. *J Nutr* 100:361-8, Mar 70
- [Purification of trypsinogens and chymotrypsinogen from rat pancreas] Vandermeers A, et al. *Arch Int Physiol* 77:577-8, Aug 69 (Fre)
- [Stabilization of rat pancreatic hydrolases during chromatography] Vandermeers A, et al. *Arch Int Physiol* 77:579-80, Aug 69 (Fre)

METABOLISM

- Studies on the serum binding of vitamin B 12 in the newborn human infant. Kumento A. *Acta Paediat Scand Suppl* 194:1+, 1969
- Subcellular distribution of trypsinogen and chymotrypsinogen in rabbit pancreas. Rothman SS. *Amer J Physiol* 218:372-6, Feb 70
- The promotion of activation of bovine trypsinogen by specific modification of aspartyl residues. Radhakrishnan TM, et al. *Biochemistry (Wash)* 8:4020-7, Oct 69
- Pancreatic enzyme pattern in rats as affected by dietary soybean flour. Konijn AM, et al. *J Nutr* 100:361-8, Mar 70
- [Paradoxes and hypotheses on the subject of acute pancreatitis] Leger L. *Bull Acad Nat Med (Paris)* 154:401-9, 26 May 70 (Fre)
- [Variations of pancreatic proteolytic enzyme activity in mice as a function of age] Meunier MT, et al. *J Physiol (Paris)* 62:Suppl 1:193-4, 1970 (Fre)

PHARMACODYNAMICS

- States of amino acid residues in proteins. XX. Fluorescence of stilbene dyes adsorbed on hydrophobic regions of protein molecules. Takenaka O, et al. *J Biochem (Tokyo)* 66:805-14, Dec 69

VITAMIN K

- The meaning of the selective staining of neurosecretory substance by aldehyde-fuchsin and chrome-alum hematoxylin. A comparative study carried on neurosecretory substance, cystine, cysteine and some unsaturated compounds subjected to several oxidizing agents. Hadler WA, et al. *Acta Histochem (Jena)* 29:304-19, 1968
- Inhomogeneity of vitamin K2 in *Escherichia coli*. Campbell IM, et al. *Biochemistry (Wash)* 8:4651-5, Nov 69
- Menadione reductase from *Desulfovibrio gigas*. Hatchikian EC. *Biochim Biophys Acta* 212:353-5, 15 Aug 70
- Light-scattering studies on rabbit brain microsomes. 3. Coupling of cytochrome b5 and related oxidative activities with microsomal contraction. Kamino K, et al. *Biochim Biophys Acta* 205:246-53, 1970
- An electron nuclear double resonance and electron spin resonance study of semiquinones related to vitamins K and E. Das MR, et al. *J Amer Chem Soc* 92:2258-68, 22 Apr 70
- Nonenzymatic reduction and oxidation of myoglobin and hemoglobin by nicotinamide adenine dinucleotides and flavins. Brown WD, et al. *J Biol Chem* 244:6702-6, 25 Dec 69
- The utility of superoxide dismutase in studying free radical reactions. II. The mechanism of the mediation of cytochrome c reduction by a variety of electron carriers. McCord JM, et al. *J Biol Chem* 245:1374-7, 25 Mar 70
- Effect of solvent composition on association between small organic species. Kristiansen H, et al. *J Pharm Sci* 59:1103-6, Aug 70
- Studies on germfree rearing of pigs. Miyakawa M, et al. *Jap J Vet Sci* 31:199-206, Aug 69
- Rats march on. *Nature (London)* 227:1289, 26 Sep 70
- The influence of non-ionic surfactants on the rate of degradation of menadione (vitamin K3). Daabis N, et al. *Pharmazie* 24:750-3, 12 Dec 69
- The solubility of menadione (vitamin K3) in systems containing non-ionic surface-active agents. el-Khawas F, et al. *Pharmazie* 24:684-6, Nov 69
- Effect of selected antibiotics on prothrombin time of rats and the relationship to coumarin anticoagulants. Poison JB, et al. *Proc Soc Exp Biol Med* 132:963-7, Dec 69
- Simplification of the concept of coagulation by revival

- of the inhibitor theory. Mann FD. *Thromb Diath Haemorrh* 23:12-8, 28 Feb 70
- The nutrient requirements of broilers. Kerr RH. *Vet Rec* 85:344-8, 27 Sep 69
- [Polarographic and spectral study of in water soluble vitamin K (Menadion-sodiumbisulfite)] Mhouček K. *Cesk Farm* 19:133-8, May 70 (Cze)
- [Properties of demethylmenaquinone C-methylase from *Mycobacterium phlei*] Catala F, et al. *Int Z Vitaminforsch* 40:363-73, 1970 (Fre)
- [Oral anticoagulants: vitamin K] Wehrlin N. *Rev Infirm Assist Soc* 20:293-8, Mar 70 (Fre)
- [Restricted rotation of bis-beta-diketones. Stereodynamic studies by nuclear magnetic resonance in the dicoumarol series] Laruelle C. *Tetrahedron Lett* 26:2235-9, Jun 70 (Fre)

ADMINISTRATION & DOSAGE

- Massive subaponeurotic haemorrhage in infants born by vacuum extraction. Ahuja GL, et al. *Brit Med J* 3:743-5, 27 Sep 69
- Vitamin K requirement of normal infants on soy protein formula. Does 27 micrograms of vitamin K per liter meet the minimum daily requirement? Williams TE, et al. *Clin Pediat (Phila)* 9:79-82, Feb 70
- Vitamin K deficiency in the elderly. Hazell K, et al. *Geront Clin (Basel)* 12:10-7, 1970
- [Neonatal hepatic insufficiency due to anoxia] Vergoz D, et al. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)
- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)

ADVERSE EFFECTS

- [Skin burns by a vitamin K3 derivative; a note on the still lacking labelling requirements for possibly caustic substances] Schöning WF. *Berufsdermatosen* 17:269-72, Oct 69 (Ger)
- [Vitamin therapy: considerations on the side-effects and their treatment] Palleschi A, et al. *Clin Ter* 51:577-86, 31 Dec 69 (Ita)

ANALYSIS

- Electrochemical characteristics of 2-methyl-1,4-naphthoquinone (vitamin K3). A coulometric micromethod of determination. Patriarche GJ, et al. *Anal Chim Acta* 49:241-6, Feb 70
- Identification of phylloquinone in horse liver. Ducloux TJ, et al. *Arch Biochem* 138:640-5, Jun 70
- Inhomogeneity of vitamin K2 in *Escherichia coli*. Campbell IM, et al. *Biochemistry (Wash)* 8:4651-5, Nov 69
- Menaquinone (MK-6) in the sulfate-reducing obligate anaerobe, *Desulfovibrio*. Maroc J, et al. *Biochim Biophys Acta* 197:87-9, 13 Jan 70
- Response criteria for the bioassay of vitamin K. Bliss CI, et al. *Biometrics* 25:735-45, Dec 69
- Vitamin K deficiency in the elderly. Hazell K, et al. *Geront Clin (Basel)* 12:10-7, 1970
- Formation of vitamin K2 isoprenologues by *Staphylococcus aureus*. Hammond RK, et al. *J Bact* 100:573-8, Nov 69
- Lipids of *Bacteroides melaninogenicus*. Rizza V, et al. *J Bact* 101:84-91, Jan 70
- Separation of vitamin K2 isoprenologues by reversed-phase thin-layer chromatography. Hammond RK, et al. *J Chromatogr* 45:446-52, 23 Dec 69
- Characterization of vitamin K from the contents of bovine rumen. Matschner JT. *J Nutr* 100:190-2, Feb 70
- Gas chromatography of lipophilic quinones of the ubiquinone and menaquinone series. Dialameh GH, et al. *Meth Med Res* 12:137-48, 1970
- Menadione requirements of chickens selected for prothrombin time. Edens FW, et al. *Poult Sci* 49:295-7, Jan 70
- [Egg vitamins during egg preservation] Calet C, et al. *Ann Nutr (Paris)* 24:B201-26, 1970 (Fre)
- [Vitamins in meats and offals. Their course during the treatment they are submitted to] Rozier J, et al. *Ann Nutr (Paris)* 24:B247-85, 1970 (Fre)
- [Menaquinones from human liver and sludge] Rietz P, et al. *Int Z Vitaminforsch* 40:351-62, 1970 (Ger)

ANTAGONISTS & INHIBITORS

- Synthesis and destruction of prothrombin in the rat. Bell RG, et al. *Arch Biochem* 135:152-9, Dec 69



- Warfarin revisited. Deykin D.  
New Eng J Med 283:436, 20 Aug 70
- Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:891-4, 24 Sep 70 (10 ref.)
- Warfarin revisited. Olson RE.  
New Eng J Med 283:435-6, 20 Aug 70
- Understanding feed additives. I. General considerations and nutritional additives. Comben N.  
Vet Rec 86:715-8, 13 Jun 70
- [Is it necessary to continue anticoagulant treatment over a long period? I. Its dangers] Audier M, et al.  
Bull Acad Nat Med (Paris) 153:274-9, 1969 (Fre)
- [Reflections on anticoagulant treatment experience in medico-surgical resuscitation] Picard P, et al.  
Cah Anesth 17:417-28, May-Jun 69 (Fre)
- [Treatment of spontaneous arterial aneurysms of the lower limbs: principles and methods] Olivier C, et al.  
J Chir (Paris) 98:32-5, Jul-Aug 69 (Fre)
- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
Nouv Rev Franc Hemat 10:41-54, Jan-Feb 70 (Fre)
- [Metabolism of vitamin K antagonists] Blatrix C, et al.  
Therapeutique 45:875-7, Nov 69 (Fre)
- [Metabolic products of microorganisms. 72. Naphthomycin, an antimetabolite of vitamin K] Balerna M, et al. Arch Mikrobiol 65:303-17, 1969 (Ger)
- [The effect of coumarin, indandione and benzofuran derivatives on renal excretion of uric acid] Zöllner N, et al. Deutsch Med Wschr 94:2652-4, 19 Dec 69 (Ger)
- [Preventive anticoagulant therapy in surgery] Johs S.  
T Norsk Laegeforen 89:1501-2, 1 Oct 69 (Nor)
- [Effect of phenobarbital on experimental hyperbilirubinemia in rats of different age] Markova IV, et al. Farmakol Toksik 33:285-7, May-Jun 70 (Rus)

## BIOSYNTHESIS

- Biosynthesis of bacterial menaquinones. Origin of quinone oxygens. Snyder CD, et al.  
Biochemistry (Wash) 9:2033-8, 12 May 70
- Formation of vitamin K<sub>2</sub> isoprenologues by *Staphylococcus aureus*. Hammond RK, et al.  
J Bact 100:573-8, Nov 69
- Separation of vitamin K<sub>2</sub> isoprenologues by reversed-phase thin-layer chromatography.  
Hammond RK, et al. J Chromatogr 45:446-52, 23 Dec 69
- [Current data on the biogenesis of liposoluble vitamins] Grangaud R, et al.  
Ann Nutr (Paris) 23:B81-98, 1969 (148 ref.) (Fre)
- [Incorporation of shikimic acid into the ring of bacterial and plant naphthoquinones] Leduc MM, et al. Europ J Biochem 15:428-35, Sep 70 (Fre)

## BLOOD

- Coenzyme Q. CXXII. Identification of ubiquinone-8 biosynthesized by *Plasmodium knowlesi*, P. cynomolgi, and P. berghei. Skelton FS, et al.  
J Med Chem 13:602-6, Jul 70
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70

## CHEMICAL SYNTHESIS

- Carotenoids and fat-soluble vitamins: contribution to food, feed and pharmaceuticals. Bauernfeind JC, et al.  
Int Z Vitaminforsch 40:391-416, 1970

## DIAGNOSTIC USE

- [Determination of "prothrombin-coagulase" activity] Soulier JP, et al.  
Nouv Rev Franc Hemat 10:41-54, Jan-Feb 70 (Fre)

## HISTORY

- [The birth of a vitamin. The 75th birthday of C. P. H. Dam] (Dam CP), Kenéz J.  
Orv Hetil 111:1291-4, 31 May 70 (Hun)

## ISOLATION &amp; PURIFICATION

- Characterization of vitamin K from the contents of bovine rumen. Matschner JT. J Nutr 100:190-2, Feb 70
- Gas chromatography of lipophilic quinones of the ubiquinone and menaquinone series. Dialameh GH, et al. Meth Med Res 12:137-48, 1970
- [Menaquinones from human liver and sludge] Rietz P, et al. Int Z Vitaminforsch 40:351-62, 1970 (Ger)

## METABOLISM

- Studies on the intestinal absorption of labelled fat-soluble vitamins (A, D, E, and K) via the thoracic-duct lymph in the absence of bile in man. Forsgren L. Acta Chir Scand Suppl 399:14, 1969
- Labelled compound related to synkavit and its uptake in certain human tumours studied by radio-isotope scanning. Marrian DH, et al.  
Acta Radiol [Ther] (Stockholm) 8:221-46, Jun 69
- Metabolic effects of nonabsorbable antibacterial agents. Faloan WW.  
Amer J Clin Nutr 23:645-51, May 70
- Warfarin metabolism and vitamin K requirement in the warfarin-resistant rat. Hermodson MA, et al.  
Amer J Physiol 217:1316-9, Nov 69
- Vitamin K and warfarin distribution and metabolism in the warfarin-resistant rat. Thierry MJ, et al.  
Amer J Physiol 219:854-9, Oct 70
- The effect of deoxycholate on enzymes with electron transport function from *Rhodospirillum rubrum*. Boll M. Arch Mikrobiol 68:191-200, 1969
- Studies with Triton X-100 treated electron transport particles from *Rhodospirillum rubrum*. Boll M. Arch Mikrobiol 71:1-8, 1970
- Isolation and characterization of a new metabolite of phyloquinone in the rat. Matschner JT, et al. Biochim Biophys Acta 201:309-15, 24 Feb 70
- Electron transport in halophilic bacteria: involvement of a menaquinone in the reduced nicotinamide adenine dinucleotide oxidative pathway. Marquez ED, et al. J Bact 103:260-2, Jul 70
- Release of membrane components from viable *Haemophilus parainfluenzae* by ethylenediaminetetraacetic acid-tris(hydroxymethyl)-aminomethane. Tucker AN, et al. J Bact 102:498-507, May 70
- Vitamin K and prothrombin formation. Ranhotra GS, et al. Life Sci 9:79-86, 22 Jan 70
- Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70
- Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin revisited. Olson RE.  
New Eng J Med 283:435-6, 20 Aug 70
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70
- Menaquinone requirements of chickens selected for prothrombin time. Edens FW, et al.  
Poult Sci 49:295-7, Jan 70
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.  
Thromb Diath Haemorrh 23:58-63, 28 Feb 70
- [Relative appearance of quantities of carcinogenic hydrocarbons in pure cultures of *Bacillus badius* as a function of the presence of some chemical compounds in culture media] Nlaussat P, et al.  
C R Acad Sci [D] (Paris) 270:1042-5, 16 Feb 70 (Fre)
- [Biosynthesis of the naphthoquinone ring of bacterial menaquinones] Guérin M, et al.  
Europ J Biochem 15:421-7, Sep 70 (Fre)
- [The electron transport system of *Bacillus megaterium*] Kroger A.  
Hoppe Seyler Z Physiol Chem 350:1155-6, Oct 69 (Ger)
- [Various aspects of blood coagulation in chronic pancreatitis with special reference to the antithrombin test] Facchini G, et al.  
G Clin Med 50:75-89, Jan 69 (Ita)

## PHARMACODYNAMICS

- Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. Nielsen NC. Acta Obstet Gynec Scand 48:371-91, 1969
- Vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. Olson RE, et al. Advances Enzym Regulat 7:83-94, 1969
- Phosphorylation coupled to NADH oxidation with fumarate in *Streptococcus faecalis* 10Cl. Faust PJ, et al. Arch Biochem 137:392-8, Apr 70
- Immunochemical measurement of vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. Li LF, et al. Arch Biochem 137:494-9, Apr 70
- Oxidation of reduced nicotinamide-adenine dinucleotide in *Rhodospirillum rubrum*. 3. Properties of a NADH dehydrogenase solubilized from electron transport particles. Boll M.  
Arch Mikrobiol 69:301-13, 1969



- Vitamin K dependent formation of factor VII by a cell-free system from rat liver. Babilor BM, et al. *Biochemistry (Wash)* 9:2564-9, 23 Jun 70
- Studies on the mechanism of inhibition of the mitochondrial electron transport by antimycin. II. Antimycin as an allosteric inhibitor. Bryla J, et al. *Biochim Biophys Acta* 189:317-26, 1969
- The reoxidation of cytoplasmic reducing equivalents in Ehrlich ascites tumor cells. Galeotti T, et al. *Biochim Biophys Acta* 197:11-24, 13 Jan 70
- The effect of Synkavit on the teratogenic activity of x radiation; a preliminary report. Packer AD, et al. *Brit J Radiol* 43:36-9, Jan 70
- Don't use the wrong vitamin K. Udall JA. *Calif Med* 112:65-7, Apr 70
- Vitamin K3-dependent NADPH oxidase of liver microsomes. Purification, properties, and identity with microsomal NADPH-cytochrome c reductase. Nishibayashi-Yamashita H, et al. *J Biochem (Tokyo)* 67:199-210, Feb 70
- Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the prothrombin system. Takeda Y. *J Lab Clin Med* 75:355-81, Mar 70
- Effect of other drugs on oral anticoagulants. Awalt LF. *Maryland Med J* 18:103-4, Oct 69
- Coumarin drug interactions. Kazmier FJ, et al. *Mayo Clin Proc* 45:249-55, Apr 70
- Characteristics of guinea pig liver and adrenal monooxygenase systems. Kupfer D, et al. *Molec Pharmacol* 6:221-30, May 70
- Warfarin revisited. Deykin D. *New Eng J Med* 283:436, 20 Aug 70
- Warfarin therapy. 2. Deykin D. *New Eng J Med* 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin revisited. Olson RE. *New Eng J Med* 283:435-6, 20 Aug 70
- The mode of action of vitamin K. Olson RE. *Nutr Rev* 28:171-6, Jul 70 (58 ref.)
- Amino acid metabolism and the biosynthesis of prothrombin in the perfused rat liver. Li LF, et al. *Proc Soc Exp Biol Med* 133:168-70, Jan 70
- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al. *Proc Soc Exp Biol Med* 132:509-13, Nov 69
- Oral toxicology studies with lapachol. Morrison RK, et al. *Toxic Appl Pharmacol* 17:1-11, Jul 70
- [Analgesic effect of acupuncture in comparison with the effect of various analgesics following tonsillectomy] Odehnal F. *Cesk Otolaryng* 19:161-5, Aug 70 (Cze)
- [Variations in orientation of metabolic routes due to biochemical and ultrastructural changes induced by pharmacologic agents acting on rat liver oxido-reduction state (Ag 310, Ag 307 and vitamin K)] Ornellas MR, et al. *Agressologie* 10:265-75, May-Jun 69 (Fre)
- [A new inhibitor, fuscini, in the study of animal and yeast mitochondria respiratory chains] Demaille J, et al. *Europ J Biochem* 13:416-27, Apr 70 (Fre)
- [Thrombelastographic study of cancer patients' blood after administration of irradiated and non-irradiated blood coagulation factors (radiohematologic and radiobiologic study with AHG, EACA, protaminsulfate, ACC-76, vitamin K-1 and thrombin)] Stamm H, et al. *Agressologie* 10:65-71, Jan-Feb 69 (Ger)
- [Marcumar therapy and dental surgery] Hoppe W. *Zahnaerztl Welt* 78:977-9, 10 Nov 69 (Ger)
- [Studies on inhibitors of cholesterol biosynthesis. II. Effects of benzoquinone and naphthoquinone derivatives on the incorporation of acetate-1-14C into cholesterol in rat liver homogenates] Ozawa H, et al. *J Pharm Soc Jap* 90:480-5, Apr 70 (Jap)

## PHYSIOLOGY

- The intermediate muscle fiber of rats and guinea pigs. Edgerton VR, et al. *J Histochem Cytochem* 17:828-38, Dec 69
- Response of human beings to vitamin K 1. *Nutr Rev* 27:287-9, Oct 69 (10 ref.)
- [Participation of vitamins in hormone synthesis] Grangaud R, et al. *Ann Nutr (Paris)* 23:B17-39, 1969 (Fre)

## THERAPEUTIC USE

- Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. Corrigan JJ Jr, et al. *Amer J Dis Child* 119:365-9, Apr 70
- The liver in congenital heart disease. Effects of infantile coarctation of the aorta and the hypoplastic left heart syndrome in infancy. Weinberg AG, et al. *Amer J Dis Child* 119:390-4, May 70
- The anticoagulant malingering. Psychiatric studies of three patients. Agle DP, et al. *Ann Intern Med* 73:67-72, Jul 70
- Clinical cancer chemotherapy aimed at potential cell regulators. Knock FE, et al. *Arch Surg (Chicago)* 100:167-72, Feb 70
- Abdominal emergencies and anticoagulation. *Brit Med J* 1:706, 21 Mar 70
- Don't use the wrong vitamin K. Udall JA. *Calif Med* 112:65-7, Apr 70
- Neonatal haemorrhage following maternal anticonvulsant therapy. Evans AR, et al. *Lancet* 1:517-8, 7 Mar 70
- Neonatal coagulation defect due to anticonvulsant drug treatment in pregnancy. Mountain KR, et al. *Lancet* 1:265-8, 7 Feb 70
- Intravascular coagulation and arterial disease. Kazmier FJ, et al. *Thromb Diath Haemorrh* 36:Suppl 36:295+, 1969
- [Drug cytopenia with active antibodies in the presence of acetyl-salicylic acid and niflumic acid] Touchard P, et al. *Rev Franc Transfus* 12:Suppl:415-9, 1969 (Fre)
- [Observations during a mass intoxication with rat poison in pigs] Marschang F. *Deutsch Tieraerztl Wschr* 77:282-6, 15 Jun 70 (Ger)
- [Panmyelophthisis after acute hepatitis] Mott R, et al. *Munchen Med Wschr* 111:2271-3, 31 Oct 69 (Ger)
- [The hematopoietic regeneration in acute lymphatic leukemia in the child under L-asparaginase treatment] Burgio GR, et al. *Schweiz Med Wschr* 100:316-8, 14 Feb 70 (Ger)
- [Drug effects on decreased capillary resistance in dermatoses] Tronnier H, et al. *Z Allgemeinmed* 45:1381-3, 20 Oct 69 (Ger)
- [Cecal coccidiosis and vitamins] Hillbrich P. *Zbl Veterinaarmed [B]* 17:150-3, Jan 70 (Ger)
- [Clinical evaluation of lysozyme capsule in periodontal diseases] Nakashizuka T, et al. *Aichi Gakuin J Dent Sci* 5:293-8, Mar 68 (Jap)
- [Therapeutic use of Coagumin in the surgery of paranasal sinusitis] Toriyama T, et al. *Otolaryngology (Tokyo)* 42:715-7, Sep 70 (Jap)
- [Conservative therapy of uterine myoma] Akasu F. *Sanfujin Jissai* 18:585-8, Jul 69 (Jap)
- [Therapy of idiopathic melena--on 130 cases] Takeoka H. *Sanfujin Jissai* 18:636-40, Jul 69 (Jap)
- [A method of artificial thrombosis of arterial aneurysms using epsilon-aminocaproic acid and other coagulants in addition to regionally retarded circulation (preliminary report)] Khil'ko VA, et al. *Vop Neirokhir* 33:6-11, Jul-Aug 69 (Rus)
- [The compensating effect of vitamin K on the activity of deranged digestive exoenzymes in animals with avitaminosis E] Lider VA. *Vop Pitani* 29:41-3, May-Jun 70 (Rus)
- [Effect of Vicasol on the condition of animals with common bile duct fistula] Vasilievskaja LS, et al. *Vop Pitani* 28:43-5, Jul-Aug 69 (Rus)
- [Use of dry lyophilized Vicasol plasma for hemostasis in highmortality and ethmoidectomy] Evdoshchenko EA, et al. *Zh Ushn Nos Gori Bolez* 29:29-33, Jan-Feb 69 (Rus)
- [Blood coagulation therapy in liver cirrhosis] Garcia-Conde Bru FJ, et al. *Rev Esp Enferm Apar Dig* 28:695-702, May 69 (Spa)

## VITAMIN K DEFICIENCY

- Measurement of dark adaptation in vitamin A deficiency by a new quantitative technique. Nordén A, et al. *Acta Ophthal (Kobenhavn)* 47:716-22, 1969
- Vitamin K-deficient mutants of bacteria. Sasarman A, et al. *Nature (London)* 224:272, 18 Oct 69
- Skimmed cows' milk. Goldman HI, et al. *Pediatrics* 45:891, May 70
- Vitamin K deficiency after the newborn period. Speck WT. *Pediatrics* 45:718, Apr 70
- [Avitaminosis K in the newborn infant] Vergoz D, et al. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)
- [The birth of a vitamin. The 75th birthday of C. P. H.



# SUBJECT SECTION

VON

- Dam] (Dam CP), Kenéz J.  
Orv Hetil 111:1291-4, 31 May 70 (Hun)  
[Burglo's disease in a subject with celiac disease]  
Caramia G, et al.  
Minerva Pediat 22:487-90, 10 Mar 70 (Ita)

## BLOOD

- Vitamin K deficiency in the elderly. Hazell K, et al.  
Geront Clin (Basel) 12:10-7, 1970  
Vitamin K and prothrombin formation. Ranhotra GS, et al.  
Life Sci 9:79-86, 22 Jan 70

## CHEMICALLY INDUCED

- Coumarin drug interactions. Kazmier FJ, et al.  
Mayo Clin Proc 45:249-55, Apr 70

## COMPLICATIONS

- Anticoccidial drugs: screening methods. Shumard RF, et al. Exp Parasit 28:13-24, Aug 70  
Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70  
Vitamin K deficiency and so-called nodular purpura in infancy. Burgio GR, et al. Pediatrics 45:891-2, May 70  
Cystic fibrosis presenting with severe hemorrhage due to vitamin K malabsorption: a report of three cases. Torstenson OL, et al. Pediatrics 45:857-61, May 70

## DIAGNOSIS

- The diagnosis and management of unusual bleeding in the surgical patient. Bowle EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69  
[Avitaminosis K in the newborn infant] Vergoz D, et al.  
Sem Hop Paris 45:2313-20, 10 Sep 69 (Fre)

## DRUG THERAPY

- Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70  
[Avitaminosis K in the newborn infant] Vergoz D, et al.  
Sem Hop Paris 45:2313-20, 10 Sep 69 (Fre)

## ENZYMOLGY

- Two types of prothrombin in vitamin K deficiency. Hemker HC, et al.  
Thromb Diath Haemorrh 23:633-7, 30 Jun 70

## ETIOLOGY

- Nutritional complications of biliary cirrhosis. Chronic cholestasis. Sherlock S.  
Amer J Clin Nutr 23:640-4, May 70  
Vitamin K deficiency after the newborn period. Goldman HI, et al. Pediatrics 44:745-9, Nov 69  
Vitamin K deficiency in chicks fed practical diets. Fritz JC. Poult Sci 48:736-7, Mar 69

## METABOLISM

- Synthesis and destruction of prothrombin in the rat. Bell RG, et al. Arch Biochem 135:152-9, Dec 69  
Reversal by vitamin K of cycloheximide inhibited biosynthesis of prothrombin in the isolated perfused rat liver. Kipfer RK, et al.  
Biochem Biophys Res Commun 38:1041-8, 27 Mar 70  
Vitamin K and prothrombin formation. Ranhotra GS, et al. Life Sci 9:79-86, 22 Jan 70

## OCCURRENCE

- Vitamin K deficiency in the elderly. Hazell K, et al.  
Geront Clin (Basel) 12:10-7, 1970  
Vitamin K deficiency in infants beyond the neonatal period. Nammacher MA, et al.  
J Pediat 76:549-54, Apr 70

## PHYSIOPATHOLOGY

- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al.  
Proc Soc Exp Biol Med 132:509-13, Nov 69

## PREVENTION & CONTROL

- Vitamin K deficiency after the newborn period. Goldman HI, et al. Pediatrics 44:745-9, Nov 69

## THERAPY

- The P.P.S.B. fraction. Josso F, et al.  
Bibl Haemat 34:18-22, 1970  
The diagnosis and management of unusual bleeding in the surgical patient. Bowle EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69

## VETERINARY

- Vitamin K deficiency in chicks fed practical diets. Fritz JC. Poult Sci 48:736-7, Mar 69

## VON WILLEBRAND'S DISEASE

- Case history of a patient with Von Willebrand's disease requiring oral surgery. Gilman DJ.  
Ann Dent 28:126-7, Dec 69  
Haemophilia today. Coles M.  
Nurs Times 65:1415-6, 6 Nov 69  
[Tooth extraction in hemophilia] Creveld S van, et al.  
Nederl T Tandheelk 76:711-32, Oct 69 (Dut)  
[Willebrand's disease in children] Kazakova VA, et al.  
Vop Okhr Materin Dets 14:92, Feb 69 (Rus)

## BLOOD

- Aspirin ingestion compared with bleeding disorders--search for a useful platelet antiaggregant. Weiss HJ. Blood 35:333-40, Mar 70  
Ellagic acid induced thromboelastographic changes in the normal individual and in several coagulopathies. Girolami A, et al. Haemat Lat 12:143-54, Apr-Jun 69  
Von Willebrand factor and platelet adhesiveness. Meyer D, et al. J Clin Path 23:228-31, Apr 70  
Platelet-collagen reaction and bleeding syndrome. Caen JP. Lancet 1:568, 14 Mar 70  
Bleeding time after aspirin in disorders of intrinsic clotting. Kaneshiro MM, et al.  
New Eng J Med 281:1039-42, 6 Nov 69  
Mathematical correlation between ADP-induced platelet aggregation and subsequent disaggregation. A parameter for the velocity of disaggregation. Holdrinet A, et al. Scand J Haemat 6:354-64, 1969  
Production site of bleeding factor. (Acquired morbus von Willebrand). Veltkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970  
[Electrophoretic migration (on cellulose acetate) of blood coagulation factors. Application to pathology] Meyer D, et al.  
Nouv Rev Franc Hemat 9:611-26, Sep-Oct 69 (Fre)  
[Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
Lab Delo 2:71-7, 1970 (30 ref.) (Rus)

## CHEMICALLY INDUCED

- Production site of bleeding factor. (Acquired morbus von Willebrand). Veltkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970

## COMPLICATIONS

- Stapedectomy in a patient with von Willebrand's disease. Toremain NG, et al. Ann Otol 79:331-7, Apr 70  
Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. Toskes PP, et al.  
Ann Surg 172:98-108, Jul 70  
Prophylactic treatment of factor VIII deficiency. Hirschman RJ, et al. Blood 35:189-94, Feb 70  
Anaesthetic management of haemothorax and haemoptysis due to von Willebrand's disease. A case report. Bowes JB. Brit J Anaesth 41:894-7, Oct 69  
Hemorrhagic disorders in gynecology. Wendt WP. Nebraska Med J 55:5-9, Jan 70  
Hyperproteinemic proteinuria induced by plasma infusion. McLaine PN, et al.  
Pediat Res 3:597-603, Nov 69  
[Diagnosis and therapy of vascular, thrombocytic and plasmatic kidney hemorrhage] Bruster H.  
Mtschr Kinderheilk 117:360-3, Apr 69 (Ger)  
[Hemorrhagic diathesis and recurrent retino-vitreous hemorrhages in young subjects. (hemophilia and



pseudothrombophilia in Eales disease)] Crolle G, et al.  
Minerva Oftal 10:221-7, Nov-Dec 68 (Ita)

#### DIAGNOSIS

Von Willebrand's disease. Aggeler PM.  
Calif Med 111:143-5, Aug 69  
Von Willebrand's disease. Distinction from other  
syndromes associated with a long bleeding time, and  
from hemophilia. Calif Med 111:113-9, Aug 69  
Platelet-function tests. Cate JW ten, et al.  
Lancet 2:1309-10, 13 Dec 69  
Bleeding time after aspirin in intrinsic clotting  
disorders. Procházka J.  
New Eng J Med 282:753, 26 Mar 70  
The diagnosis and management of unusual bleeding in  
the surgical patient. Bowie EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69  
[Functional platelet insufficiency in infants and  
children. 7 cases] Poullaud JM, et al.  
Pediatric 24:973-82, Dec 69 (Fre)

#### DRUG THERAPY

Open-heart surgery in a patient with von Willebrand's  
disease. Komp DM, et al.  
J Thorac Cardiovasc Surg 59:225-30, Feb 70  
Enzyme replacement in Fabry's disease, an inborn  
error of metabolism. Mapes CA, et al.  
Science 189:987-9, 4 Sep 70  
[Cryoprecipitates rich in factor VIII. In vitro and in  
vivo studies] Parquet-Gernez A, et al.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)

#### ETIOLOGY

[Pathogenesis and treatment of Willebrand's disease]  
Melli EO, et al.  
Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)  
[The current status of knowledge of the constitutional  
hemorrhagic syndrome caused by deficiency of the  
fibrin stabilizing factor] Ottaviani P, et al.  
Minerva Med 60:4964-7, 8 Dec 69 (Ita)

#### FAMILIAL & GENETIC

Von Willebrand's disease in an Icelandic family.  
Jensson O, et al. Acta Med Scand 187:229-34, 3 Mar 70  
Von Willebrand's disease in the Bantu. Gomperts E, et  
al. S Afr Med J 43:1107-9, 6 Sep 69  
[Von Willebrand's syndrome in a consanguineous  
family] Lasiera Cirujeda J, et al.  
Rev Clin Esp 113:55-8, 15 Apr 69 (Spa)

#### IMMUNOLOGY

The stimulation of immune antibodies anti-A and anti-B  
in patients after treatment with cryoprecipitate and  
factor IX concentrate (P.P.S.B. according to Soulier).  
McShine RL, et al. Vox Sang 18:435-40, May 70

#### OCCURRENCE

Von Willebrand's disease in the Bantu. Gomperts E, et  
al. S Afr Med J 43:1107-9, 6 Sep 69

#### PHYSIOPATHOLOGY

Hepatic influence on splenic synthesis and release of  
coagulation activities. Dodds WJ.  
Science 166:882-3, 14 Nov 69

#### SURGERY

Open-heart surgery in a patient with von Willebrand's  
disease. Komp DM, et al.  
J Thorac Cardiovasc Surg 59:225-30, Feb 70

#### THERAPY

Hemophilia prophylaxis. JAMA 212:2256-7, 29 Jun 70  
Platelet-function tests. Cate JW ten, et al.  
Lancet 2:1309-10, 13 Dec 69  
The diagnosis and management of unusual bleeding in  
the surgical patient. Bowie EJ, et al.  
Surg Clin N Amer 49:1161-70, Oct 69  
Production site of bleeding factor. (Acquired morbus  
von Willebrand). Veltkamp JJ, et al.  
Thromb Diath Haemorrh 23:412, 1970  
[Diagnosis and therapy of various form of

thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Experiences in the use of Cohn's fraction I] Beeser H,  
et al. Folia Haemat (Leipzig) 93:349-56, 1970 (Ger)  
[Pathogenesis and treatment of Willebrand's disease]  
Melli EO, et al.  
Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)  
[Modern trends in the therapy of congenital and  
acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
[Occurrence of serum hepatitis following the  
administration of Cohn's fraction I or fibrinogen and  
antithrombotic globulin (AHG) respectively]  
Fábryová L, et al. Vnitřní Lek 16:123-6, Feb 70 (Slo)

#### VETERINARY

Platelet adhesion in bleeder swine measured by glass  
bead column. Cooper RG, et al.  
Texas Rep Biol Med 27:955-61, Winter 69

#### WARFARIN

Some aspects of the pharmacology of oral  
anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
Dynamic dialysis as a method for studying protein  
binding. II. Evaluation of the method with a number of  
binding systems. Meyer MC, et al.  
J Pharm Sci 59:39-48, Jan 70  
Warfarin-resistant rats. Lancet 1:987-8, 9 May 70  
Rats march on. Nature (London) 227:1289, 26 Sep 70  
Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70  
Warfarin revisited. Olson RE.  
New Eng J Med 283:435-6, 20 Aug 70  
Developments in methods for the control of rodents.  
Bentley EW. Roy Soc Health J 90:129-30, May-Jun 70  
Rodent and bird pests. The duties and experience of a  
local authority. Saward AC.  
Roy Soc Health J 90:134-8 passim, May-Jun 70

#### ADMINISTRATION & DOSAGE

Potentiality by glucagon of the hypoprothrombinemic  
action of warfarin. Koch-Weser J.  
Ann Intern Med 72:331-5, Mar 70  
Anticoagulant therapy. Leslie J.  
Brit Med J 4:621-2, 6 Dec 69  
Coagulation factor analysis in patients on long-term  
anticoagulation. Perkins HA, et al.  
Calif Med 112:1-7, Mar 70  
Warfarin therapy as an adjunct to the surgical  
treatment of malignant tumors in mice. Ryan JJ, et al.  
Cancer Res 29:2191-4, Dec 69  
Correlation of prothrombin time tests with  
hemorrhage and thromboembolism in patients under  
long-term anticoagulant therapy. Boyles PW.  
Clin Pharmacol Ther 11:251-9, Mar-Apr 70  
Computer-aided long-term anticoagulation therapy.  
Shelner LB. Comput Biomed Res 2:507-18, Dec 69  
Prophylactic anticoagulation in fractures. Castle ME, et  
al. J Bone Joint Surg [Amer] 52:521-8, Apr 70  
Prophylactic anticoagulation in fractures. Castle ME, et  
al. J Bone Joint Surg [Brit] 52:521-8, Apr 70  
Warfarin metabolism in man: identification of  
metabolites in urine. Lewis RJ, et al.  
J Clin Invest 49:907-13, May 70  
Effect of other drugs on oral anticoagulants. Awalt LF.  
Maryland Med J 18:103-4, Oct 69  
Anticoagulants after open-heart surgery. Cade JF, et al.  
Med J Aust 2:5-6, 4 Jul 70  
Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
The second reported kindred with hereditary  
resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70  
Potentiality of warfarin-induced  
hypoprothrombinemia by chloral hydrate. Sellers EM,  
et al. New Eng J Med 283:827-31, 15 Oct 70  
Drug therapy. V. Oral anticoagulant therapy.  
Holcenberg JS, et al. Northwest Med 69:421-4, Jun 70  
Obstruction of terminal small bowel and anticoagulant  
therapy. Morley AP Jr.  
Southern Med J 63:342-4, Mar 70



- Neurologic surgery. Foltz EL.  
Surg Gynec Obstet 130:301-2, Feb 70  
[Thrombosis prophylaxis. Dextran or warfarin-sodium?  
A controlled clinical study] Myhre HO, et al.  
Nord Med 82:1534-8, 4 Dec 69 (Nor)

## ADVERSE EFFECTS

- Hemothorax. A complication of anticoagulant therapy.  
Hamaker WR, et al. Ann Thorac Surg 8:564-9, Dec 69  
Hemorrhagic skin infarction secondary to oral  
anticoagulants. Everett ED, et al.  
Arch Derm (Chicago) 100:588-91, Nov 69  
Clinical experience with anticoagulant therapy during  
pregnancy. Hirsh J, et al. Brit Med J 1:270-3, 31 Jan 70  
Anticoagulant therapy. Leslie J.  
Brit Med J 4:621-2, 6 Dec 69  
Skin necrosis of genitalia and warfarin therapy.  
Vaughan ED Jr, et al. JAMA 210:2282-3, 22 Dec 69  
Anticoagulants and the acute abdomen. Cocks JR.  
Med J Aust 1:1138-41, 6 Jun 70  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Drug therapy. V. Oral anticoagulant therapy.  
Holcenberg JS, et al. Northwest Med 69:421-4, Jun 70  
To the Editor. Adverse effects from drugs. Melring P  
de V, et al. S Afr Med J 43:1208, 27 Sep 69  
Non-thrombocytopenic purpura due to chlorothalazide.  
Reid JM, et al. Scot Med J 14:309-11, Sep 69  
Obstruction of terminal small bowel and anticoagulant  
therapy. Morley AP Jr.  
Southern Med J 63:342-4, Mar 70  
[The effect of Tavan (SP-54) on the coagulation  
mechanism and fibrinolysis in patients receiving  
anticoagulant therapy] Kleynhans P, et al.  
S Afr Med J 43:1504-7, 13 Dec 69 (Afr)  
[Anticoagulants-antiphlogistics-acetylsalicylic acid.  
A note on interaction] Naess K.  
T Norsk Laegeforen 90:1637-8, 1 Sep 70 (Nor)  
[Eye complications during use of various medicinal  
substances with general effects (review of the  
literature)] Barg Tsm.  
Oftal Zh 24:579-84, 1969 (72 ref.) (Rus)

## ANALYSIS

- Adsorption of organic compounds by commercial filter  
papers and its implication on quantitative-qualitative  
chemical analysis. Chiou WL, et al.  
J Pharm Sci 59:843-7, Jun 70  
The metabolism of 4-C14-warfarin sodium by the rat.  
Barker WM, et al.  
J Pharmacol Exp Ther 171:307-13, Feb 70  
Effect of oxygen tension on drug levels and  
pharmacological action in the intact animal. Mustala  
OO, et al. Proc Soc Exp Biol Med 132:37-41, Oct 69

## ANTAGONISTS &amp; INHIBITORS

- Interaction of commonly prescribed drugs and  
warfarin. Robinson DS, et al.  
Ann Intern Med 72:853-6, Jun 70  
Warfarin revisited. Deykin D.  
New Eng J Med 283:436, 20 Aug 70  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin revisited. Olson RE.  
New Eng J Med 283:435-6, 20 Aug 70  
Response of human beings to vitamin K 1.  
Nutr Rev 27:287-9, Oct 69 (10 ref.)

## BLOOD

- A TAME micromethod for the measurement of  
"esterase prothrombin". Glueck HI, et al.  
Amer J Clin Path 54:239-48, Aug 70  
Interaction of commonly prescribed drugs and  
warfarin. Robinson DS, et al.  
Ann Intern Med 72:853-6, Jun 70  
Pharmacokinetic analysis of the effect of barbiturate on  
the anticoagulant action of warfarin in man. Levy G, et  
al. Clin Pharmacol Ther 11:372-7, May-Jun 70  
Kinetics of the anticoagulant effect of  
bishydroxycoumarin in man. O'Reilly RA, et al.  
Clin Pharmacol Ther 11:378-84, May-Jun 70  
Displacement of warfarin from human albumin by  
diazoxide and ethacrynic, mefenamic, and nalidixic  
acids. Sellers EM, et al.  
Clin Pharmacol Ther 11:524-9, Jul-Aug 70  
Induction of drug metabolizing enzymes in man and rat

- by dichloralphenazone. Breckenridge A, et al.  
Clin Sci 37:565, Oct 69  
Studies of the possible therapeutic interaction  
between cyclamate and warfarin. Holcenberg JS, et al.  
Curr Ther Res 11:577-84, Sep 69  
Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70  
The second reported kindred with hereditary  
resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70  
Potentiation of warfarin-induced  
hypoprothrombinemia by chloral hydrate. Sellers EM,  
et al. New Eng J Med 283:827-31, 15 Oct 70  
Effect of oxygen tension on drug levels and  
pharmacological action in the intact animal. Mustala  
OO, et al. Proc Soc Exp Biol Med 132:37-41, Oct 69

## METABOLISM

- Recent progress in pharmacogenetics. Vesell ES.  
Advances Pharmacol 7:1-52, 1969 (234 ref.)  
Warfarin metabolism and vitamin K requirement in the  
warfarin-resistant rat. Hermodson MA, et al.  
Amer J Physiol 217:1316-9, Nov 69  
Vitamin K and warfarin distribution and metabolism in  
the warfarin-resistant rat. Thierry MJ, et al.  
Amer J Physiol 219:854-9, Oct 70  
The clinical importance of pharmacogenetics.  
Calif Med 111:291-7, Oct 69  
Pharmacokinetic analysis of the effect of barbiturate on  
the anticoagulant action of warfarin in man. Levy G, et  
al. Clin Pharmacol Ther 11:372-7, May-Jun 70  
Displacement of warfarin from human albumin by  
diazoxide and ethacrynic, mefenamic, and nalidixic  
acids. Sellers EM, et al.  
Clin Pharmacol Ther 11:524-9, Jul-Aug 70  
Induction of drug metabolizing enzymes in man. Orme  
M, et al. Clin Sci 39:11P, Sep 70  
Genetic control of the response to coumarin  
anticoagulants in the rat. Pyörälä K.  
Humangenetik 9:265-7, 1970  
Warfarin metabolism in man: identification of  
metabolites in urine. Lewis RJ, et al.  
J Clin Invest 49:907-13, May 70  
The metabolism of 4-C14-warfarin sodium by the rat.  
Barker WM, et al.  
J Pharmacol Exp Ther 171:307-13, Feb 70  
Warfarin revisited. Deykin D.  
New Eng J Med 282:1486, 25 Jun 70  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
The second reported kindred with hereditary  
resistance to oral anticoagulant drugs. O'Reilly RA.  
New Eng J Med 282:1448-51, 25 Jun 70  
Potentiation of warfarin-induced  
hypoprothrombinemia by chloral hydrate. Sellers EM,  
et al. New Eng J Med 283:827-31, 15 Oct 70

## PHARMACODYNAMICS

- Interaction of commonly prescribed drugs and  
warfarin. Robinson DS, et al.  
Ann Intern Med 72:853-6, Jun 70  
Synthesis and destruction of prothrombin in the rat.  
Bell RG, et al. Arch Biochem 135:152-9, Dec 69  
Vitamin K dependent formation of factor VII by a  
cell-free system from rat liver. Babior BM, et al.  
Biochemistry (Wash) 9:2564-9, 23 Jun 70  
Isolation and characterization of a new metabolite of  
phyloquinone in the rat. Matschiner JT, et al.  
Biochim Biophys Acta 201:309-15, 24 Feb 70  
Pharmacokinetic analysis of the effect of barbiturate on  
the anticoagulant action of warfarin in man. Levy G, et  
al. Clin Pharmacol Ther 11:372-7, May-Jun 70  
Kinetics of the anticoagulant effect of  
bishydroxycoumarin in man. O'Reilly RA, et al.  
Clin Pharmacol Ther 11:378-84, May-Jun 70  
Studies of the possible therapeutic interaction  
between cyclamate and warfarin. Holcenberg JS, et al.  
Curr Ther Res 11:577-84, Sep 69  
Studies of the effects of heparin, Coumadin, and  
vitamin K on prothrombin metabolism and  
distribution in calves with the use of  
iodine-125-prothrombin. Characterization of the  
prothrombin system. Takeda Y.  
J Lab Clin Med 75:355-81, Mar 70  
Linkages between genes for coat colour and resistance



- to warfarin in *Rattus norvegicus*. Greaves JH, et al. *Nature (London)* 224:284-5, 18 Oct 69
- Warfarin revisited. Deykin D. *New Eng J Med* 283:436, 20 Aug 70
- Warfarin therapy. 2. Deykin D. *New Eng J Med* 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)
- Warfarin revisited. Olson RE. *New Eng J Med* 283:435-6, 20 Aug 70
- Potential of warfarin-induced hypoprothrombinemia by chloral hydrate. Sellers EM, et al. *New Eng J Med* 283:827-31, 15 Oct 70
- Drug interaction. Weiner M. *New Eng J Med* 283:871-2, 15 Oct 70
- Response of human beings to vitamin K 1. *Nutr Rev* 27:287-9, Oct 69 (10 ref.)
- Amino acid metabolism and the biosynthesis of prothrombin in the perfused rat liver. Li LF, et al. *Proc Soc Exp Biol Med* 133:168-70, Jan 70
- Effect of selected antibiotics on prothrombin time of rats and the relationship to coumarin anticoagulants. Polson JB, et al. *Proc Soc Exp Biol Med* 132:963-7, Dec 69
- Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Ranhotra GS, et al. *Proc Soc Exp Biol Med* 132:509-13, Nov 69
- Energy metabolism of the glioblastoma: chemotherapeutic implications. Kirsch WM, et al. *Surg Forum* 20:444-5, 1969
- Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Dulock MA, et al.
- Thromb Diath Haemorrh 23:58-63, 28 Feb 70

## POISONING

- [Warfarin poisoning] Sauvageau R. *Canad Vet J* 11:65-6, Mar 70 (Fre)

## THERAPEUTIC USE

- Fetal risk with the use of coumarin anticoagulant agents in pregnant patients with intracardiac ball valve prosthesis. Palacios-Macedo X, et al. *Amer J Cardiol* 24:853-6, Dec 69
- Standardization of laboratory tests for controlling anticoagulant therapy. Zucker S, et al. *Amer J Clin Path* 53:348-54, Mar 70
- Anticoagulants in renal disease in children. Herdman RC, et al. *Amer J Dis Child* 119:27-35, Jan 70
- Potential by glucagon of the hypoprothrombinemic action of warfarin. Koch-Weser J. *Ann Intern Med* 72:331-5, Mar 70
- Systemic embolism and the Beall mitral valve prosthesis. Javier RP, et al. *Ann Thorac Surg* 10:20-6, Jul 70
- Studies of the epidemiology of anticoagulant-drug interactions. Kleinman PD, et al. *Arch Intern Med (Chicago)* 126:522-3, Sep 70
- Femoral grafts in diabetics. Resulting conservative amputations. Wheelock FC Jr, et al. *Arch Surg (Chicago)* 99:776-80, Dec 69
- Immediate and long-term results of aortic valve replacement with University of Cape Town aortic valve prosthesis. Schrire V, et al. *Brit Heart J* 32:255-63, Mar 70
- Controlled trial of an anticoagulant (warfarin sodium)

- in the prevention of venous thrombosis following hip surgery. Pinto DJ. *Brit J Surg* 57:349-52, May 70
- Late results of autogenous vein by pass grafts in femoropopliteal arterial occlusion. Baddeley RM, et al. *Brit Med J* 1:653-6, 14 Mar 70
- Cephaloridine serum levels in patients on maintenance haemodialysis. Curtis JR, et al. *Brit Med J* 2:149-51, 18 Apr 70
- Clinical experience with anticoagulant therapy during pregnancy. Hirsh J, et al. *Brit Med J* 1:270-3, 31 Jan 70
- Dextran 70 in prophylaxis of postoperative venous thrombosis. A controlled trial. Lambie JM, et al. *Brit Med J* 2:144-5, 18 Apr 70
- Induction of drug metabolizing enzymes in man and rat by dichloralphenazone. Breckenridge A, et al. *Clin Sci* 37:565, Oct 69
- Streptokinase therapy in acute major pulmonary embolism. Cheesterman CN, et al. *Med J Aust* 2:1096-100, 29 Nov 69
- Results of surgical treatment of occlusive arterial disease affecting the lower limbs, 1953-1967. Ferguson IA, et al. *Med J Aust* 1:745-54, 11 Apr 70
- Warfarin therapy. 2. Deykin D. *New Eng J Med* 283:801-3, 8 Oct 70 (4 ref.)
- Warfarin therapy. 1. Deykin D. *New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)
- The second reported kindred with hereditary resistance to oral anticoagulant drugs. O'Reilly RA. *New Eng J Med* 282:1448-51, 25 Jun 70
- Antepartum thrombophlebitis. Morbidity with long-term heparin and a proposed regimen of therapy. Mueller MJ Jr, et al. *Obstet Gynec* 34:874-80, Dec 69
- Anticoagulants and coronary heart disease. Mackinnon J. *Practitioner* 202:222-9, Feb 69 (29 ref.)
- Major surgery in a patient with thrombasthenia and rapid removal of normal platelets. Barive H, et al. *Scand J Haemat* 6:338-42, 1969
- Energy metabolism of the glioblastoma: chemotherapeutic implications. Kirsch WM, et al. *Surg Forum* 20:444-5, 1969
- [The effect of Tavan (SP-54) on the coagulation mechanism and fibrinolysis in patients receiving anticoagulant therapy] Kleynhans P, et al. *S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)
- [Preoperative anticoagulant treatment in gynecological surgery] Pyörälä T, et al. *Duodecim* 85:1004-10, 1969 (Fin)
- [Experience with prophylactic postoperative anticoagulant treatment in 6551 patients] Alánt O, et al. *Acta Chir Acad Sci Hung* 10:139-50, 1969 (Ger)
- [Preventive anticoagulant therapy in surgery] Johs S. *T Norsk Laegeforen* 89:1501-2, 1 Oct 69 (Nor)
- [Shifting from Trombantin to Marevan. Establishment of a new dose] Naess K. *T Norsk Laegeforen* 90:1294-5, 15 Jun 70 (Nor)

## URINE

- Warfarin metabolism in man: identification of metabolites in urine. Lewis RJ, et al. *J Clin Invest* 49:907-13, May 70
- The metabolism of 4-C14-warfarin sodium by the rat. Barker WM, et al. *J Pharmacol Exp Ther* 171:307-13, Feb 70



# REVIEWS

# ANTICOAGULANTS

## ACENOCOUMAROL

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)

### PHARMACODYNAMICS

[Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.  
Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)

### THERAPEUTIC USE

[Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.  
Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)

## ADHESIONS

The lens and vitreous. Freeman HM.  
Arch Ophthal (Chicago) 82:551-66, Oct 69 (120 ref.)

### COMPLICATIONS

Recent advances in investigation and treatment of infertility. Wingate MB.  
Canad Med Ass J 101:43-9, 1 Nov 69 (57 ref.)

## AESCULUS

### ANALYSIS

[Chemical composition of horse chestnut seed. IX. Structure and properties of triterpeneglycosides] Wagner J, et al.  
Arzneimittelforschung 20:205-9, Feb 70 (43 ref.) (Ger)

### METABOLISM

[Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G.  
Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)

### PHARMACODYNAMICS

[Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G.  
Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)

### THERAPEUTIC USE

[Biochemistry of inflammation and edema formation as well as pharmacokinetics of aescin] Mussnug G.  
Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)

## AFIBRINOGENEMIA

Rheology of blood. Errill EW.  
Physiol Rev 49:863-88, Oct 69 (49 ref.)  
[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
[Recent trend in hematology] Shimizu M.  
Naika 25:25-31, Jan 70 (33 ref.) (Jap)

### CONGENITAL

[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

### DIAGNOSIS

[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

### ETIOLOGY

Hemorrhage and heat stroke. Kessinger A, et al.  
Geriatrics 25:115-8, Jul 70 (18 ref.)  
[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

### THERAPY

[Modern trends in the therapy of congenital and

acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## AMINOCAPROIC ACID

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)

### ADMINISTRATION & DOSAGE

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zörn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)

### PHARMACODYNAMICS

Studies on the mode of action of alpha-methyldopa. Henning M. Acta Physiol Scand 3-37, 1969 (134 ref.)  
[Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)

### THERAPEUTIC USE

Is there a place for proteinase inhibition? A review of the literature. Lister GD.  
Postgrad Med J 45:571-3, Aug 69 (42 ref.)  
[Conservative treatment of acute pancreatitis (according to data from foreign publications, 1963-1966)] Lashchevker VM.  
Khirurgia (Moskva) 45:142-9, Mar 69 (165 ref.) (Rus)

## ANGIOMA, SCLEROSING

### CLASSIFICATION

Benign tumors of lung and tracheobronchial tree. Miller DR. Ann Thorac Surg 8:542-60, Dec 69 (132 ref.)

## ANGIOMATOSIS

### COMPLICATIONS

Juvenile retinal detachment. Gailloud C, et al.  
Bibl Ophthal 79:152-82, 1969 (61 ref.)

### DIAGNOSIS

[Acute abdomen in a child--diagnosis and diagnostic errors] Komi N.  
Shujutsu 24:1024-36, Aug 70 (53 ref.) (Jap)

## ANTICOAGULANTS

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
Oral anticoagulants--their interactions. Hussar DA.  
J Amer Pharm Ass 10:78-82 passim, Feb 70 (73 ref.)  
Rheology of blood. Errill EW.  
Physiol Rev 49:863-88, Oct 69 (49 ref.)  
[Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP.  
Pat Fiziol Eksp Ter 13:81-7, Jul-Aug 69 (155 ref.) (Rus)

### ADMINISTRATION & DOSAGE

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
[The dilemma of anticoagulant therapy in coronary heart disease] Loeliger EA.  
Ther Umsch 27:157-61, Mar 70 (30 ref.) (Fre)  
[Clinical evaluation of anticoagulants] Koller F.  
Internist (Berlin) 10:8-15, Jan 69 (35 ref.) (Ger)

### ADVERSE EFFECTS

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
Nonmechanical causes of surgical bleeding. Silver D, et al.  
Curr Probl Surg 1-51, Jan 70 (114 ref.)  
Anticoagulant therapy in coronary ischemic disease. Jaffe HL. New York J Med 70:1766-9, 1 Jul 70 (30 ref.)  
Significant complications of anticoagulant therapy. Macon WL, et al. Surgery 68:571-82, Sep 70 (93 ref.)  
[Bases, technic and problems of artificial circulations]



## ANTICOAGULANTS

- Baudach H, et al.  
*Deutsch Gesundh* 24:97-103 contd, 16 Jan 69 (Ger)  
 [Drug induced alopecia] Ippen H.  
*Deutsch Med Wschr* 95:1411-6, 26 Jun 70 (62 ref.) (Ger)  
 [Clinical evaluation of anticoagulants] Koller F.  
*Internist (Berlin)* 10:8-15, Jan 69 (35 ref.) (Ger)  
 [Drugs, drug dependence and traffic safety.  
 Psychophysical capacity under the influence of drugs  
 and their effect on traffic] Dökert B.  
*Pharm Prax* 1:1-6, 1970 (56 ref.) (Ger)  
 [Anticoagulants. 43] Striegler G.  
*Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)  
 [The hemorrhagic diseases reflected in dental  
 practice] Vichi F, et al.  
*Riv Ital Stomat* 24:1253-92, Dec 69 (89 ref.) (Ita)

### ANTAGONISTS & INHIBITORS

- Some aspects of the pharmacology of oral  
 anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 Oral anticoagulants-their interactions. Hussar DA.  
*J Amer Pharm Ass* 10:78-82 passim, Feb 70 (73 ref.)

### BLOOD

- Phosphorimetry as an analytical approach in  
 biochemistry. Winefordner JD, et al.  
*Meth Biochem Anal* 15:369-483, 1967 (170 ref.)

### METABOLISM

- Some aspects of the pharmacology of oral  
 anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)

### PHARMACODYNAMICS

- Elimination of iodine-labelled fibrinogen in  
 intravascular coagulation and in the normal state.  
 Experimental and clinical studies. Zetterqvist E.  
*Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)  
 Clinical disorders of drug interaction. Solomon HM.  
*Advances Intern Med* 16:285-301, 1970 (96 ref.)  
 Recent developments in antithrombotic therapy.  
 Wright IS. *Ann Intern Med* 71:823-31, Oct 69 (30 ref.)  
 Thromboembolism: a manifestation of the response of  
 blood to injury. Mustard JF, et al.  
*Circulation* 42:1-21, Jul 70 (139 ref.)  
 Some aspects of the pharmacology of oral  
 anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 Serum protein binding of vitamin B12. Beal RW, et al.  
*Scand J Haemat Suppl* 10:1-39, 1969 (180 ref.)  
 [Basic principles anticoagulant therapy] Mammen EF.  
*Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)  
 [Clinical and biological significance of the phenomenon  
 of platelet adhesiveness and aggregation] Gavrilescu  
 S, et al.  
*Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)  
 [Drugs that affect the fetus] Duarte-Contreras A, et al.  
*Rev Colombia Obstet Ginec* 20:309-25, Sep-Oct 69 (119  
 ref.) (Spa)

### THERAPEUTIC USE

- Diagnosis and treatment of epilepsy. Fukuyama Y.  
*Acta Paediat Jap* 72:1462-83, 1 Oct 68 (25 ref.)  
 The management of pulmonary embolic disease.  
 Thomas DP.  
*Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)  
 Recent developments in antithrombotic therapy.  
 Wright IS. *Ann Intern Med* 71:823-31, Oct 69 (30 ref.)  
 Local and systemic factors in the pathogenesis of  
 thrombosis. Deykin D.  
*Calif Med* 112:31-40, Mar 70 (93 ref.)  
 Some aspects of the pharmacology of oral  
 anticoagulants. Coon WW, et al.  
*Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)  
 Pulmonary embolism: modern concepts and diagnostic  
 techniques. Riccitelli ML.  
*J Amer Geriatr Soc* 18:714-28, Sep 70 (42 ref.)  
 Management of pulmonary embolism. Silver D, et al.  
*Med Clin N Amer* 54:361-77, Mar 70 (82 ref.)  
 Cerebrovascular disease. A review of present  
 understanding. Kranz H.  
*Med J Aust* 1:905-10, 2 May 70 (45 ref.)  
 Anticoagulant therapy in coronary ischemic disease.  
 Jaffe HL. *New York J Med* 70:1766-9, 1 Jul 70 (30 ref.)

## REVIEWS

- Advances in the treatment of cardiovascular disease.  
 Lawrie TD. *Practitioner* 203:460-7, Oct 69 (23 ref.)  
 Anticoagulants and coronary heart disease. Mackinnon  
 J. *Practitioner* 202:222-9, Feb 69 (29 ref.)  
 Advances in the treatment of renal disease. Robson JS.  
*Practitioner* 203:483-93, Oct 69 (56 ref.)  
 Genetic factors in drug therapy. Evans DA.  
*Sci Basis Med Ann Rev* 166-82, 1969 (23 ref.)  
 [Clinical evaluation of anticoagulants] Koller F.  
*Internist (Berlin)* 10:8-15, Jan 69 (35 ref.) (Ger)  
 [Basic principles anticoagulant therapy] Mammen EF.  
*Internist (Berlin)* 10:2-8, Jan 69 (25 ref.) (Ger)  
 [Therapy of cor pulmonale] Fruhmans G.  
*Med Klin* 64:2324-8, 12 Dec 69 (17 ref.) (Ger)  
 [Modern therapy of thromboembolism] Schmutzler R.  
*Med Welt* 12:467-77, 21 Mar 70 (46 ref.) (Ger)  
 [Anticoagulants. 43] Striegler G.  
*Pharm Prax* 12:279-87, Dec 69 (97 ref.) (Ger)  
 [Preoperative treatment of coronaropathies.  
 Etiopathogenetic, clinical and diagnostic aspects]  
 Valenti B, et al.  
*Clin Ter* 50:57-74, 15 Jul 69 (44 ref.) (Ita)  
 [Thrombosis of major veins (diagnosis and surgery)]  
 Belichenko IA, et al.  
*Kardiologiya* 9:127-35, Dec 69 (112 ref.) (Rus)  
 [Acute cerebrovascular insufficiency (focal ischemic  
 seizures) (symptoms, pathogenesis, pathological  
 anatomy and treatment)] Hermida ME, et al.  
*Rev Clin Esp* 116:11-28, 15 Jan 70 (229 ref.) (Spa)

## ANTIFIBRINOLYTIC AGENTS

- [Tranexamic acid, a new antifibrinolytic agent]  
 Kjellman H, et al.  
*Nord Med* 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ADMINISTRATION & DOSAGE

- [Problems of directed hemostasis and coagulation  
 stimulation in pathological tendency to bleed] Zörn H.  
*Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
 [Tranexamic acid, a new antifibrinolytic agent]  
 Kjellman H, et al.  
*Nord Med* 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ADVERSE EFFECTS

- [Tranexamic acid, a new antifibrinolytic agent]  
 Kjellman H, et al.  
*Nord Med* 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### ANALYSIS

- Fibrinolytic activity and the skin. Kurban AK.  
*Brit J Derm* 82:76-7, Jan 70 (20 ref.)

### PHARMACODYNAMICS

- Elimination of iodine-labelled fibrinogen in  
 intravascular coagulation and in the normal state.  
 Experimental and clinical studies. Zetterqvist E.  
*Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)  
 [Antiplasmins] Enache F, et al.  
*Med Intern (Bucur)* 22:667-76, Jun 70 (17 ref.) (Rum)  
 [Tranexamic acid, a new antifibrinolytic agent]  
 Kjellman H, et al.  
*Nord Med* 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### THERAPEUTIC USE

- [Different forms of utilization coagulopathy and their  
 treatment] Herschlein HJ, et al.  
*Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
 [Fibrinolytically caused hemorrhage in urology]  
 Holzknecht F, et al.  
*Urol Int* 24:385-417, 1969 (122 ref.) (Ger)  
 [Pharmacological aspects of fibrinolysis] Prino G, et al.  
*Boll Chimicofarm* 108:727-60 passim, Dec 69 (613 ref.)  
 (Ita)  
 [Hematologic changes following surgery. II. Blood  
 platelets, blood coagulation and fibrinolysis] Bogusz  
 J, et al.  
*Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)  
 [Clinical treatment of disseminated intravascular  
 blood clotting] Michalowska R.  
*Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)

### TOXICITY

- [Tranexamic acid, a new antifibrinolytic agent]



## REVIEWS

## BLOOD COAGULATION

Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)

### BISHYDROXYCOUMARIN

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

#### ADVERSE EFFECTS

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

#### ANTAGONISTS & INHIBITORS

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

#### BLOOD

Recent progress in pharmacogenetics. Vesell ES.  
Advances Pharmacol Chemother 7:1-52, 1969 (139 ref.)

#### METABOLISM

Recent progress in pharmacogenetics. Vesell ES.  
Advances Pharmacol Chemother 7:1-52, 1969 (234 ref.)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

#### PHARMACODYNAMICS

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

#### THERAPEUTIC USE

[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)

### BLOOD COAGULATION

Metabolism during the postinjury period. Cuthbertson D, et al. Advances Clin Chem 12:1-55, 1969 (158 ref.)  
Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)  
Local and systemic factors in the pathogenesis of thrombosis. Deykin D.  
Calif Med 112:31-40, Mar 70 (93 ref.)  
Platelet function: a review. I. Normal function. Berger S. Canad Med Ass J 102:1271-4, 6 Jun 70  
Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
Circulation 42:1-21, Jul 70 (139 ref.)  
Significance of complement to the mechanism of action of endotoxin. Mergenhagen SE, et al.  
Curr Top Microbiol Immun 50:37-77, 1969 (129 ref.)  
The causes of progressive pulmonary insufficiency in surgical patients. Collins JA.  
J Surg Res 9:685-704, Dec 69 (203 ref.)  
[Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al.  
Path Biol (Paris) 18:679-86, Jun-Jul 70 (92 ref.) (Fre)  
[The physiology of thrombocyte function] Lüscher EF.  
Folia Haemat (Leipzig) 92:433-47, 1969 (74 ref.) (Ger)  
[Hemolytic uremic syndrome] Wehinger H, et al.  
Klin Wschr 47:445-7, 1 May 69 (66 ref.) (Ger)  
[Modern therapy of thromboembolism] Schmutzler R.  
Med Welt 12:467-77, 21 Mar 70 (46 ref.) (Ger)  
[Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T.  
Jap J Clin Med 28:1448-54, May 70 (20 ref.) (Jap)  
[Blood coagulation and hemostasis] Matsuoka M.  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
[Enzymes of plasma and blood serum] Szczeklik A.  
Pol Tyg Lek 25:1142-5, 27 Jul 70 (12 ref.) (Pol)  
[The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.  
Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)

[The role of lipoproteins in the process of fibrinolysis] Skrzydlewski Z.  
Wiad Lek 23:1017-21, 15 Jun 70 (38 ref.) (Pol)

#### ANALYSIS

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)

#### DRUG EFFECTS

Recent progress on systemic contraceptives. Matsumoto S.  
Acta Obstet Gynaec Jap 17:211-9, Jul 70 (21 ref.)  
A pharmacological analysis of aspirin. Collier HO.  
Advances Pharmacol Chemother 7:333-405, 1969 (412 ref.)  
Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
Effects of endotoxins on susceptibility to infections. Cluff LE. J Infect Dis 122:205-15, Sep 70 (105 ref.)  
Current status of oral contraceptives. Cleary RE, et al.  
Med Clin N Amer 54:163-71, Jan 70 (81 ref.)  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
Digitalis in myocardial infarction. Changing concepts. Constant J. New York J Med 70:650-8, 1 Mar 70 (64 ref.)  
Possible new concepts relating prostaglandins to various ocular functions. Waitzman MB.  
Survey Ophthal 14:301-26, Jan 70 (162 ref.)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zörn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[Side effects of contraceptive steroids. I] Plotz EJ.  
Geburtsh Frauenheilk 30:193-211 contd, Mar 70 (Ger)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
[Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)  
[The role of catecholamines in the pathogenesis of ischemic heart disease] Oganov RG.  
Kardiologia 9:129-40, Jul 69 (135 ref.) (Rus)

### BLOOD COAGULATION DISORDERS

Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)  
Progress in disseminated intravascular coagulation. McKay DG. Calif Med 111:186-98 contd, Sep 69  
Disseminated intravascular coagulation. Bachmann F.  
DM 3-44, Dec 69 (76 ref.)  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
[Clinical treatment of disseminated intravascular blood clotting] Michalowska R.  
Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)  
[Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al.  
Med Intern (Bucur) 21:1411-30, Dec 69 (83 ref.) (Rum)  
[Disseminated intravascular coagulation] Papilian M.  
Stud Cercet Med Intern 10:209-21, 1969 (70 ref.) (Rum)

#### BLOOD

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Progress in disseminated intravascular coagulation. McKay DG. Calif Med 111:186-98 contd, Sep 69

#### CHEMICALLY INDUCED

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)



## BLOOD COAGULATION

## REVIEWS

- Malignant hyperthermia: a statistical review. Britt BA, et al. *Canad Anaesth Soc J* 17:293-315, Jul 70 (70 ref.)
- Oral contraceptives: their side effects and ophthalmological manifestations. Chizek DJ, et al. *Survey Ophthal* 14:90-105, Sep 69 (107 ref.)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.
- Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)

### CLASSIFICATION

- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)

### COMPLICATIONS

- Pre-eclampsia and related complications of pregnancy. Sims EA.
- Amer J Obstet Gynec* 107:154-81, 1 May 70 (202 ref.)
- Microangiopathic hemolytic anemia. Brain MC.
- Ann Rev Med* 21:133-44, 1970 (83 ref.)
- Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1-51, Jan 70 (114 ref.)
- Discussion of disseminated intravascular coagulation in decompression sickness. SMRL Report No. 585. Holland JA.
- US Naval Submar Med Cent* 1-12, 20 Jun 69 (124 ref.)
- [The hemorrhagic diseases reflected in dental practice] Vichi F, et al.
- Riv Ital Stomat* 24:1253-92, Dec 69 (89 ref.) (Ita)
- [Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al.
- Rev Clin Esp* 113:481-90, 30 Jun 69 (87 ref.) (Spa)

### CONGENITAL

- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.
- Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Afibrinogenemia and dysfibrinogenemia] Fukui H.
- Jap J Clin Med* 28:2086-91, Aug 70 (16 ref.) (Jap)

### DIAGNOSIS

- Disseminated intravascular coagulation. Simone JV.
- Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.
- Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.
- Schweiz Med Wschr* 99:1257-9, 30 Aug 69 (16 ref.) (Ger)

### DRUG THERAPY

- Coronary artery disease. Wynands JE, et al.
- Anesthesiology* 33:260-81, Aug 70 (218 ref.)
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Is there a place for proteinase inhibition? A review of the literature. Lister GD.
- Postgrad Med J* 45:571-3, Aug 69 (42 ref.)
- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.
- Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)
- [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA.
- Schweiz Med Wschr* 99:1257-9, 30 Aug 69 (16 ref.) (Ger)
- [Clinical treatment of disseminated intravascular blood clotting] Michalowska R.
- Pol Tyg Lek* 24:1418-21, 16 Sep 69 (10 ref.) (Pol)
- [Current trends in the therapeutic use of enzyme inhibitors in clinical practice] Veremeenko KN.
- Vrach Delo* 11:11-9, Nov 69 (22 ref.) (Rus)

### ETIOLOGY

- Disseminated intravascular coagulation. Simone JV.
- Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Transplantation of the liver in man. Williams R.
- Brit Med J* 1:585-93, 7 Mar 70 (47 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69

- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Inhalation anesthesia for simple deep hypothermia induced by surface cooling. Okamura H.
- Med J Osaka Univ* 20:29-79, Sep 69 (398 ref.)
- Polycythemia. Differential diagnosis and treatment. Seim H. *Minn Med* 53:557-61, May 70 (7 ref.)
- Louse-borne relapsing fever. Bryceson AD, et al.
- Quart J Med* 39:129-70, Jan 70
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.
- Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.
- Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al.
- Pol Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)

### PATHOLOGY

- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69

### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S.
- Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.
- Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Blood coagulation and hemostasis] Matsuoka M.
- Jap J Clin Path* 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)

### THERAPY

- Disseminated intravascular coagulation. Simone JV.
- Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Scope and limitations of therapy with plasma substitutes: differential indication for substitutes, blood preparations and electrolyte solutions. Reissigl H. *Bibl Haemat* 33:32-54, 1969 (76 ref.)
- Progress in disseminated intravascular coagulation. McKay DG. *Calif Med* 111:186-98 contd, Sep 69
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.
- Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## BLOOD COAGULATION FACTORS

- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.
- Advances Immun* 10:145-227, 1969 (743 ref.)
- The management of bleeding in hemophilia. Abildgaard CF. *Advances Pediat* 16:365-90, 1969 (57 ref.)
- The management of pulmonary embolic disease. Thomas DP.
- Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)
- Leukocytic mechanisms in inflammation. Hersh EM, et al. *Ann Rev Med* 21:105-32, 1970 (320 ref.)
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- Tumor cells and megakaryocytes in the blood: their detection and importance. Karpas CM, et al.
- Progr Clin Cancer* 4:62-83, 1970 (184 ref.)
- Oral contraceptives: their side effects and ophthalmological manifestations. Chizek DJ, et al.
- Survey Ophthal* 14:90-105, Sep 69 (107 ref.)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de.
- Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Blood and fractionation of blood] Soeterboek AM.
- Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)
- [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.
- Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)
- [Pharmacological aspects of fibrinolysis] Prino G, et al.
- Boll Chimicofarm* 108:727-60 passim, Dec 69 (613 ref.) (Ita)
- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.
- Clin Ter* 45:469-93, 15 Jun 68 (54 ref.) (Ita)
- [Kinins—an example of tissue hormones] Jeske W.
- Pol Tyg Lek* 24:1624-7, 20 Oct 69 (17 ref.) (Pol)



# REVIEWS

# BLOOD PLATELETS

- [Treatment of fractures in patients with hemophilia] Smilowicz M. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)  
 [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. Pat Fiziol Eksp Ter 13:81-7, Jul-Aug 69 (155 ref.) (Rus)  
 [Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al. Rev Clin Esp 113:481-90, 30 Jun 69 (87 ref.) (Spa)

## ANALYSIS

- Fibrinolytic activity and the skin. Kurban AK. Brit J Derm 82:76-7, Jan 70 (20 ref.)  
 [Biochemistry of the lymph] Kotani M. Jap J Clin Med 28:13-22, Jan 70 (130 ref.) (Jap)  
 [Blood coagulation and hemostasis] Matsuo M. Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
 [Thrombosis and fibrinolysis] Tanaka K. Jap J Clin Path 16:Suppl 16:10+, 1969 (34 ref.) (Jap)

## ANTAGONISTS & INHIBITORS

- Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al. Circulation 42:1-21, Jul 70 (139 ref.)

## BIOSYNTHESIS

- Warfarin therapy. 1. Deykin D. New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
 Response of human beings to vitamin K 1. Nutr Rev 27:287-9, Oct 69 (10 ref.)  
 [Enzymes of plasma and blood serum] Szczeklik A. Pol Tyg Lek 25:1142-5, 27 Jul 70 (12 ref.) (Pol)

## METABOLISM

- Warfarin therapy. 1. Deykin D. New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

## BLOOD COAGULATION TESTS

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)  
 Heparin therapy and its laboratory control. Pitney WR. Brit J Haemat 18:499-502, May 70 (18 ref.)  
 Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
 Disseminated intravascular coagulation. Bachmann F. DM 3-44, Dec 69 (76 ref.)  
 Warfarin therapy. 1. Deykin D. New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
 [On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)  
 [Polycythemia vera] Nagy G. Folia Haemat (Leipzig) 93:381-97, 1970 (94 ref.) (Ger)  
 [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loeliger EA. Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)  
 [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al. Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
 [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)  
 [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al. Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)  
 [Pharmacological aspects of fibrinolysis] Prino G, et al. Boll Chimicofarm 108:727-60 passim, Dec 69 (613 ref.) (Ita)  
 [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
 [Afibrinogenemia and dysfibrinogenemia] Fukui H. Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
 [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al. Lab Delo 2:71-7, 1970 (30 ref.) (Rus)

## BLOOD PLATELET DISORDERS

- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
 [Clinical treatment of disseminated intravascular

- blood clotting] Michalowska R. Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)  
 [Generalized Schwartzman reaction] Lipiński B, et al. Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
 [Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al. Med Intern (Bucur) 21:1411-30, Dec 69 (83 ref.) (Rum)  
 [Disseminated intravascular coagulation] Papilian M. Stud Cercet Med Intern 10:209-21, 1969 (70 ref.) (Rum)

## BLOOD

- Platelet production. Harker LA. New Eng J Med 282:492-4, 26 Feb 70 (11 ref.)  
 [Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al. Lab Delo 2:71-7, 1970 (30 ref.) (Rus)

## CHEMICALLY INDUCED

- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)

## COMPLICATIONS

- Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
 [Thrombocyte and atherosclerosis] Păunescu-Podeanu A, et al. Stud Cercet Med Intern 10:469-79, 1969 (106 ref.) (Rum)

## CONGENITAL

- Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)

## DIAGNOSIS

- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
 [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)

## ETIOLOGY

- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
 [Immunologic aspects of blood transfusion in its medico-legal repercussions] Aragona F. Zaccchia 5:161-94, Apr-Jun 69 (96 ref.) (Ita)

## FAMILIAL & GENETIC

- Chromosomal abnormalities in human neoplasia. Sandberg AA, et al. Ann Rev Med 21:379-408, 1970 (336 ref.)  
 Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
 [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)

## PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
 Platelet production. Harker LA. New Eng J Med 282:492-4, 26 Feb 70 (11 ref.)

## THERAPY

- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)

## BLOOD PLATELETS

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state.



- Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl* 7:41, 1969 (112 ref.)  
Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
*Advances Immun* 10:145-227, 1969 (743 ref.)  
Nonmechanical causes of surgical bleeding. Silver D, et al. *Curr Probl Surg* 1:51, Jan 70 (114 ref.)  
Radiology of the portal system. Kreel L.  
*Gut* 11:620-6, Jul 70 (39 ref.)  
Platelet production. Harker LA.  
*New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)  
Modern approaches to the radiotherapy of lymphoma. Johnson RE. *Seminars Hemat* 6:357-75, Oct 69 (37 ref.)  
[Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
*Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Blood and fractionation of blood] Soeterboek AM. *Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)  
[The separation of blood cells] Cartier P, et al. *Ann Biol Clin (Paris)* 27:134-57, Mar-Apr 69 (112 ref.) (Fre)  
[Clinical picture and pathogenesis of osteomyelosis] Müller D.  
*Deutsch Med Wschr* 95:643-8, 20 Mar 70 (73 ref.) (Ger)  
[Specific hemotherapy] Stich W.  
*Internist (Berlin)* 10:52-8, Feb 69 (69 ref.) (Ger)  
[Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al.  
*Poi Przegl Chir* 41:1078-83, Aug 69 (30 ref.) (Pol)  
[Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al.  
*Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)  
[Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
*Lab Delo* 2:71-7, 1970 (30 ref.) (Rus)  
[Current status of the problem of blood system change in chronic benzol poisoning (literature review)] Magagina GE. *Probl Gemat* 12:45-9, Feb 67 (Rus)

## CYTOLOGY

- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)

## DRUG EFFECTS

- The skin and the prostaglandins. Fulghum DD. *Arch Derm (Chicago)* 102:225-6, Aug 70 (16 ref.)  
Reduction of toxicity in cancer chemotherapy. Perry S. *Cancer Res* 29:2319-25, Dec 69 (57 ref.)  
Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
*Circulation* 42:1-21, Jul 70 (139 ref.)  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[Generalized Schwartzman reaction] Lipiński B, et al. *Postepy Hig Med Dosw* 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
[Clinical and biological significance of the phenomenon of platelet adhesiveness and aggregation] Gavrilescu S, et al.  
*Med Intern (Bucur)* 21:1411-30, Dec 69 (83 ref.) (Rum)  
[Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
*Lab Delo* 2:71-7, 1970 (30 ref.) (Rus)

## ENZYMOMOLOGY

- Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
*Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Blood platelet enzymes] Dastugue G, et al.  
*Expos Ann Biochim Med* 29:227-65, 1969 (490 ref.) (Fre)  
[Basic principles of thrombolytic therapy] Loo J van de. *Internist (Berlin)* 10:16-21, Jan 69 (45 ref.) (Ger)

## IMMUNOLOGY

- Antigenicity of blood platelets. Májský A. *Curr Top Microbiol Immun* 50:138-73, 1969 (259 ref.)  
Significance of complement to the mechanism of action of endotoxin. Mergenhagen SE, et al.  
*Curr Top Microbiol Immun* 50:37-77, 1969 (129 ref.)  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[Non-erythrocytic feto-maternal immunizations] Ducos J.  
*Rev Franc Transfus* 12:Suppl:221-43, 1969 (112 ref.) (Fre)  
[Immune thrombopenias and purpura] Brüster H. *Allerg Asthmaforsch* 5:168-75, 1969 (Ger)  
[Immunologic aspects of blood transfusion in its medico-legal repercussions] Aragona F. *Zacchia* 5:161-94, Apr-Jun 69 (96 ref.) (Ita)

## METABOLISM

- Sympathin E, sympathin I, and the intracellular level of cyclic AMP. Robison GA, et al.  
*Circ Res* 27:Suppl 1:147+, Jul 70 (92 ref.)  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[Blood platelet enzymes] Dastugue G, et al.  
*Expos Ann Biochim Med* 29:227-65, 1969 (490 ref.) (Fre)

## PHYSIOLOGY

- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70  
Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
*Circulation* 42:1-21, Jul 70 (139 ref.)  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al. *Pharmacol Rev* 22:97-187, Jun 70 (713 ref.)  
[Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al.  
*Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[The physiology of thrombocyte function] Lüscher EF. *Folia Haemat (Leipzig)* 92:433-47, 1969 (74 ref.) (Ger)  
[Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T.  
*Jap J Clin Med* 28:1448-54, May 70 (20 ref.) (Jap)  
[Blood coagulation and hemostasis] Matsuoaka M. *Jap J Clin Path* 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
[The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.  
*Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)

## PHYSIOPATHOLOGY

- The management of pulmonary embolic disease. Thomas DP.  
*Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)  
Platelet function: a review. II. Abnormal function. Berger S.  
*Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)

## SECRETION

- The release reaction of secretion. Stormorken H. *Scand J Haemat Suppl* 9:1-24, 1969 (133 ref.)

## BLOOD PRESERVATION

- U.S. Army Surgical Research Program. Recent progress and current interests. Plzak LF Jr, et al.  
*Amer J Surg* 118:356-62, Sep 69 (29 ref.)  
Lipids of human red cell membrane: normal composition and variability in disease. Cooper RA. *Seminars Hemat* 7:296-322, Jul 70 (202 ref.)  
[Blood and fractionation of blood] Soeterboek AM. *Pharm Weekbl* 104:1578-601, 12 Dec 69 (23 ref.) (Dut)  
[Hazards associated with exchange blood transfusion in newborn infants (review of the literature)] Puchenok NA.  
*Vop Okhr Materin Dets* 14:51-4, Mar 69 (31 ref.) (Rus)



## REVIEWS

## ETHYL BISCOUMACETATE

### BLOOD VISCOSITY

- The importance of erythrocyte deformability. Weed RI. *Amer J Med* 49:147-50, Aug 70 (45 ref.)
- Blood rheology - general review. Barras JP. *Bibl Haemat* 33:277-97, 1969 (51 ref.)
- Biorheology and blood flow. Zingg W, et al. *Canad J Surg* 13:177-82, Apr 70 (14 ref.)
- The delivery and distribution of coronary collateral circulation. James TN. *Chest* 58:183-203, Sep 70 (57 ref.)
- Increased intracranial pressure. Langfitt TW. *Clin Neurosurg* 16:436-71, 1969 (63 ref.)
- Regulation of the cerebral circulation. Reivich M. *Clin Neurosurg* 16:378-418, 1969 (168 ref.)
- The human serum immunoglobulins. Mattioli C, et al. *DM* 1-35, Apr 70 (9 ref.)
- Aspects of the autoregulation of cerebral blood flow. Häggendal E, et al. *Int Anesth Clin* 7:353-67, Summer 69 (23 ref.)
- General physiology of cerebral circulation. Harper AM. *Int Anesth Clin* 7:473-506, Fall 69 (105 ref.)
- Inhalation anesthesia for simple deep hypothermia induced by surface cooling. Okamura H. *Med J Osaka Univ* 20:29-79, Sep 69 (398 ref.)
- Syndromes of hyperviscosity. Wells R. *New Eng J Med* 283:183-6, 23 Jul 70 (19 ref.)
- Facilitated diffusion of oxygen and its possible significance; a review. Kreuzer F. *Resp Physiol* 9:1-30, Apr 70 (92 ref.)
- Changes in the maternal cardiovascular system during human pregnancy. Walters WA, et al. *Surg Gynec Obstet* 131:765-84, Oct 70 (173 ref.)
- [Measurement of vascular output] Carry C, et al. *Biol Med (Paris)* 58:173-284, May-Jun 69 (225 ref.) (Fre)
- [Importance of so-called erythrocyte autoantibodies in blood donors] Schneider W. *Blut* 19:564-9, 1969 (10 ref.) (Ger)
- [Blood rheology, with special reference to its significance in clinical internal medicine] Isogai Y, et al. *Saishin Igaku* 24:2097-118, Oct 69 (111 ref.) (Jap)

### CHRISTMAS DISEASE

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)

#### THERAPY

- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A. *Clin Ter* 45:489-93, 15 Jun 68 (54 ref.) (Ita)
- [Treatment of fractures in patients with hemophilia] Smilowicz M. *Wiad Lek* 23:565-9, 1 Apr 70 (8 ref.) (Pol)

### CHYMOTRYPSIN

- Nuclear magnetic resonance spectroscopy of amino acids, peptides, and proteins. Roberts GC, et al. *Advances Protein Chem* 24:447-545, 1970 (231 ref.)
- Selective cleavage and modification of peptides and proteins. Spande TF, et al. *Advances Protein Chem* 24:97-260, 1970 (517 ref.)
- Alpha-chymotrypsin: a case study of substituent constants and regression analysis in enzymic structure-activity relationships. Hansch C, et al. *J Pharm Sci* 59:731-43, Jun 70 (65 ref.)
- X-ray studies of crystalline proteins. North AC, et al. *Progr Biophys* 19:1-132, 1969 (236 ref.)
- [Current state of knowledge of the gamma-M molecule] Martin JP. *Ann Biol Clin (Paris)* 27:587-610, Oct-Dec 69 (137 ref.) (Fre)
- [Structure and multiplication mechanism of reovirus] Koide F. *Protein (Tokyo)* 15:764-76, Jun 70 (65 ref.) (Jap)

#### ADMINISTRATION & DOSAGE

- Enzymes for trauma. Miller RR, et al. *Postgrad Med J* 46:154-8, Mar 70 (24 ref.)

#### ANALYSIS

- Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovenere (Stockholm)* 49:458-67, 1969 (69 ref.)

- Bacillus thuringiensis*: microbiological considerations. Rogoff MH, et al. *Ann Rev Microbiol* 23:357-86, 1969 (252 ref.)
- Functional biochemistry of the macrophage. Axline SG. *Seminars Hemat* 7:142-60, Apr 70 (132 ref.)

#### ANTAGONISTS & INHIBITORS

- Specific irreversible enzyme inhibitors. Baker BR. *Ann Rev Pharmacol* 10:35-50, 1970 (104 ref.)
- Alpha-chymotrypsin: a case study of substituent constants and regression analysis in enzymic structure-activity relationships. Hansch C, et al. *J Pharm Sci* 59:731-43, Jun 70 (65 ref.)

#### BIOSYNTHESIS

- The biosynthesis of multichain proteins. Williamson AR. *Essays Biochem* 5:139-75, 1969 (104 ref.)

#### PHARMACODYNAMICS

- Sorption promoters in biopharmaceutics. Ritschel WA. *Angew Chem [Eng]* 8:699-710, Oct 69 (136 ref.)

#### THERAPEUTIC USE

- [Ophthalmic drugs. 38] Metzner R. *Pharm Prax* 10:218-24, 1969 (102 ref.) (Ger)
- [Enzyme therapy of trophic ulcers] Gostishchev VK, et al. *Sovet Med* 33:43-7, Mar 70 (26 ref.) (Rus)

### COAGULASE

- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. *Advances Immun* 10:145-227, 1969 (743 ref.)

#### ANALYSIS

- [Biochemistry of the lymph] Kotani M. *Jap J Clin Med* 28:13-22, Jan 70 (130 ref.) (Jap)

#### ISOLATION & PURIFICATION

- [Biological activity of pathogenic staphylococci] Jeljaszewicz J, et al. *Deutsch Med Wschr* 94:2349-54, 7 Nov 69 (118 ref.) (Ger)

#### PHARMACODYNAMICS

- [Biological activity of pathogenic staphylococci] Jeljaszewicz J, et al. *Deutsch Med Wschr* 94:2349-54, 7 Nov 69 (118 ref.) (Ger)

### DIET, ATHEROGENIC

- [Arteriosclerosis] Anschütz F. *Z Allgemeinmed* 45:1461-70, 10 Nov 69 (14 ref.) (Ger)
- [Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al. *Boll Chimicofarm* 106:67-84, Feb 67 (172 ref.) (Ita)

### EMBOLISM, AMNIOTIC FLUID

#### COMPLICATIONS

- Disseminated intravascular coagulation. Simone JV. *Advances Intern Med* 15:339-55, 1969 (60 ref.)
- Pulmonary embolism: modern concepts and diagnostic techniques. Riccitelli ML. *J Amer Geriatr Soc* 18:714-28, Sep 70 (42 ref.)

#### MORTALITY

- The role of anesthesia in obstetric mortality. Phillips OC. *Int Anesth Clin* 6:847-73, Fall 68 (40 ref.)

### ETHYL BISCOUMACETATE

- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al. *Clin Pharmacol Ther* 11:312-36, May-Jun 70 (192 ref.)



## FACTOR VII

### FACTOR VII

#### METABOLISM

Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

#### PHARMACODYNAMICS

The mode of action of vitamin K. Olson RE.  
Nutr Rev 28:171-6, Jul 70 (58 ref.)

### FACTOR VIII

Platelet function: a review. II. Abnormal function.  
Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
Critical review of contemporary cellulartherapy  
(celltherapy). Jussek EG, et al.  
J Geront 25:119-25, Apr 70 (65 ref.)  
[Theoretical possibilities and the present status of  
laboratory diagnosis of hemophilic carriers. Review]  
Pola V. Vnitřní Lek 16:61-8, Jan 70 (79 ref.) (Cze)  
[Blood and fractionation of blood] Soeterboek AM.  
Pharm Weekbl 104:1578-801, 12 Dec 69 (23 ref.) (Dut)  
[Treatment of fractures in patients with hemophilia]  
Smilowicz M. Wiad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)

#### ANTAGONISTS & INHIBITORS

The management of bleeding in hemophilia. Abildgaard  
CF. Advances Pediat 16:365-90, 1969 (57 ref.)

#### THERAPEUTIC USE

The management of bleeding in hemophilia. Abildgaard  
CF. Advances Pediat 16:365-90, 1969 (57 ref.)  
[Diagnosis and therapy of various form of  
thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Specific hemotherapy] Stich W.  
Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)

### FACTOR IX

[Treatment of fractures in patients with hemophilia]  
Smilowicz M. Wiad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)

#### METABOLISM

Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

### FACTOR X

#### METABOLISM

Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

### FACTOR XII

[Modern trends in the therapy of congenital and  
acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
[Kinins--an example of tissue hormones] Jeske W.  
Pol Tyg Lek 24:1624-7, 20 Oct 69 (17 ref.) (Pol)

### FACTOR XIII

[Modern trends in the therapy of congenital and  
acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

#### ANALYSIS

[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

### FIBRIN

Thromboembolism: a manifestation of the response of  
blood to injury. Mustard JF, et al.  
Circulation 42:1-21, Jul 70 (139 ref.)  
[Structure and origin of fibrinoid] Malyk E.  
Reumatologia (Warsz) 7:185-90, 1969 (40 ref.) (Pol)

#### ANALYSIS

[Problems of directed hemostasis and coagulation

## REVIEWS

stimulation in pathological tendency to bleed] Zürn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[Blood coagulation and hemostasis] Matsuoka M.  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
[Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.)  
(Pol)

#### METABOLISM

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
Elements of the vascular system. Florey.  
Sci Basis Med Ann Rev 1-18, 1969 (22 ref.)

#### PHYSIOLOGY

[The role of lipids and lipoproteins in hemostatic  
processes] Worowski K, et al.  
Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)

### FIBRINOGEN

Some relationships among hemostasis, fibrinolytic  
phenomena, immunity, and the inflammatory  
response. Ratnoff OD.  
Advances Immun 10:145-227, 1969 (743 ref.)  
Structure and function of glycoproteins. Kent PW.  
Essays Biochem 3:105-51, 1967 (162 ref.)  
Rheology of blood. Errill EW.  
Physiol Rev 49:863-88, Oct 69 (49 ref.)  
[Afibrinogenemia and dysfibrinogenemia] Fukui H.  
Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)

#### ADMINISTRATION & DOSAGE

Elimination of iodine-labelled fibrinogen in  
intravascular coagulation and in the normal state.  
Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)

#### ANALYSIS

[Problems of directed hemostasis and coagulation  
stimulation in pathological tendency to bleed] Zürn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[The physiology of thrombocyte function] Lüscher EF.  
Folia Haemat (Leipzig) 92:433-47, 1969 (74 ref.) (Ger)  
[Hyperlipemia and hypofibrinolysis in arteriosclerotic  
disease] Prino G, et al.  
Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)  
[Blood coagulation and hemostasis] Matsuoka M.  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
[Hematologic changes following surgery. II. Blood  
platelets, blood coagulation and fibrinolysis] Bogusz  
J, et al.  
Pol Przegl Chir 41:1078-83, Aug 69 (30 ref.) (Pol)

#### ANTAGONISTS & INHIBITORS

[Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.)  
(Pol)

#### METABOLISM

Elimination of iodine-labelled fibrinogen in  
intravascular coagulation and in the normal state.  
Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Microangiopathic hemolytic anemia: the pathogenesis  
of red blood cell fragmentation, a review of the  
literature. Levine H.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)  
Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
[Disseminated intravascular coagulation] Papilian M.  
Stud Cercet Med Intern 10:209-21, 1969 (70 ref.) (Rum)

#### PHYSIOLOGY

[The role of lipids and lipoproteins in hemostatic  
processes] Worowski K, et al.  
Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)

#### THERAPEUTIC USE

[Specific hemotherapy] Stich W.  
Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)



# REVIEWS

# FIBRINOLYTIC AGENTS

## FIBRINOLYSIS

Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.

Advances Immun 10:145-227, 1969 (743 ref.)  
Reactivity of rat and man to egg-white. Anker SI.  
Fortschr Arzneimittelforsch 13:340-94, 1969 (702 ref.)  
[Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)  
[The role of some polypeptides and protein derivatives in inflammation] Popescu E.  
Stud Cercet Med Intern 10:29-37, 1969 (21 ref.) (Rum)

## ADMINISTRATION & DOSAGE

Enzymes for trauma. Miller RR, et al.  
Postgrad Med J 46:154-8, Mar 70 (24 ref.)

## METABOLISM

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)

## PHYSIOLOGY

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)

## FIBRINOLYSIS

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.

Advances Immun 10:145-227, 1969 (743 ref.)  
Fibrinolytic activity and the skin. Kurban AK.  
Brit J Derm 82:76-7, Jan 70 (20 ref.)  
Nonmechanical causes of surgical bleeding. Silver D, et al.  
Curr Probl Surg 1-51, Jan 70 (114 ref.)  
Management of pulmonary embolism. Silver D, et al.  
Med Clin N Amer 54:361-77, Mar 70 (82 ref.)  
Is there a place for proteinase inhibition? A review of the literature. Lister GD.

Postgrad Med J 45:571-3, Aug 69 (42 ref.)  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)

[On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.  
Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)

[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)

[Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)

[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al.

Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
[Diagnosis of hemorrhagic diatheses. II] Sas G, et al.  
Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)

[Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al.  
Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)

[Anti-leukocyte isoimmunization due to transfusion] Cabibbo S, et al.  
Recent Progr Med (Roma) 44:435-85, May 68 (301 ref.) (Ita)

[Role of coagulation and fibrinolytic system in arteriosclerosis] Maegawa T.  
Jap J Clin Med 28:1448-54, May 70 (20 ref.) (Jap)

[Thrombosis and fibrinolysis] Tanaka K.  
Jap J Clin Path 16:Suppl 16:10+, 1969 (34 ref.) (Jap)

[Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al.

Pol Przegl Chir 41:1078-83, Aug 69 (30 ref.) (Pol)  
[Clinical treatment of disseminated intravascular blood clotting] Michalowska R.

Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)  
[The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.

Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)  
[Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)

[The role of lipoproteins in the process of fibrinolysis] Skrzydlewski Z.

Wiad Lek 23:1017-21, 15 Jun 70 (38 ref.) (Pol)  
[Disseminated intravascular coagulation] Papillan M.  
Stud Cercet Med Intern 10:209-21, 1969 (70 ref.) (Rum)

[Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin JuP.  
Pat Fiziol Eksp Ter 13:81-7, Jul-Aug 69 (155 ref.) (Rus)

## DRUG EFFECTS

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
[Fibrinolytics. 46] Wagler M.

Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Pharmacological aspects of fibrinolysis] Prino G, et al.  
Boll Chimicofarm 106:727-60 passim, Dec 69 (613 ref.) (Ita)

[Antiplasmins] Enache F, et al.  
Med Intern (Bucur) 22:667-76, Jun 70 (17 ref.) (Rum)

[Anabolic steroids in the treatment of endocrine diseases] Vasilukova EA, et al.  
Ter Arkh 41:9-15, Apr 69 (44 ref.) (Rus)

[Tranexamic acid, a new antifibrinolytic agent] Kjellman H, et al.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)

## FIBRINOLYTIC AGENTS

### ADMINISTRATION & DOSAGE

Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.

Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
[Clinical aspects of thrombolytic therapy] Schmutzler R. Internist (Berlin) 10:21-9, Jan 69 (38 ref.) (Ger)

### ADVERSE EFFECTS

[Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)

[Thrombolytic therapy. II] Sterkowicz S.  
Przegl Lek 25:698-701, 1969 (56 ref.) (Pol)

### ANALYSIS

[Thrombosis and fibrinolysis] Tanaka K.  
Jap J Clin Path 16:Suppl 16:10+, 1969 (34 ref.) (Jap)

### BLOOD

[The role of lipoproteins in the process of fibrinolysis] Skrzydlewski Z.

Wiad Lek 23:1017-21, 15 Jun 70 (38 ref.) (Pol)

### PHARMACODYNAMICS

Thromboembolism: a manifestation of the response of blood to injury. Mustard JF, et al.  
Circulation 42:1-21, Jul 70 (139 ref.)

### THERAPEUTIC USE

The management of pulmonary embolic disease. Thomas DP.

Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
Recent developments in antithrombotic therapy.  
Wright IS. Ann Intern Med 71:823-31, Oct 69 (30 ref.)

Disseminated intravascular coagulation. Bachmann F.  
DM 3-44, Dec 69 (76 ref.)  
Fibrinolytic agents. Sherry S. DM 3-32, May 69 (29 ref.)

Management of pulmonary embolism. Silver D, et al.  
Med Clin N Amer 54:361-77, Mar 70 (82 ref.)  
Advances in the treatment of peripheral vascular disease. Mavor GE.

Practitioner 203:468-82, Oct 69 (58 ref.)  
[Basic principles of thrombolytic therapy] Loo J van de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)

[Clinical aspects of thrombolytic therapy] Schmutzler R. Internist (Berlin) 10:21-9, Jan 69 (38 ref.) (Ger)  
[Therapy of cor pulmonale] Fruhmant G.

Med Klin 64:2324-8, 12 Dec 69 (17 ref.) (Ger)  
[Fibrinolytics. 46] Wagler M.

Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Hyperlipemia and hypofibrinolysis in arteriosclerotic disease] Prino G, et al.

Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)

[Pharmacological aspects of fibrinolysis] Prino G, et al.



Boll Chimicofarm 108:727-60 passimf, Dec 69 (613 ref.)  
(Ita)

[Therapy of cerebral vascular accidents] Visco G.  
Policlinico [Prat] 76:701-17, 2 Jun 69 (69 ref.) (Ita)  
[Thrombolytic therapy. II] Sterkowicz S.  
Przegl Lek 25:698-701, 1969 (56 ref.) (Pol)

## HEMANGIOENDOTHELIOMA

### PATHOLOGY

Multiple malignant neoplasms in a golden hamster. A case report and literature survey. Kesterson JW, et al.  
Lab Anim Care 20:220-5, Apr 70 (21 ref.)

### VETERINARY

Multiple malignant neoplasms in a golden hamster. A case report and literature survey. Kesterson JW, et al.  
Lab Anim Care 20:220-5, Apr 70 (21 ref.)

## HEMANGIOMA

Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)  
[Cystic formation in otorhinolaryngology] Tchédoumir I.  
Bordeaux Med 3:1305-62 contd, May 70 (Fre)

### CLASSIFICATION

Benign tumors of lung and tracheobronchial tree.  
Miller DR. Ann Thorac Surg 8:542-60, Dec 69 (132 ref.)

### CONGENITAL

Arteriovenous fistulas: a review and ten-year experience at the Mayo Clinic. Gomes MM, et al.  
Mayo Clin Proc 45:81-102, Feb 70 (73 ref.)

### DIAGNOSIS

Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)  
Tumors of the chest wall. Tettelbaum SL.  
Surg Gynec Obstet 129:1059-73, Nov 69 (103 ref.)  
[Intraocular tumors in children] Naumann G.  
Ber Deutsch Ophth Ges 69:179-91, 1969 (147 ref.) (Ger)

### DRUG THERAPY

The corticosteroids in childhood. Pearn JH, et al.  
Practitioner 204:34-45, Jan 70 (34 ref.)

### ETIOLOGY

Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)

### PATHOLOGY

Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)  
[Review on the retina in 1968. Retinal vascular diseases] Matsui M.  
Ophthalmology (Tokyo) 12:1-24, Jan 70 (206 ref.)  
(Jap)

### RADIOGRAPHY

Hepatic angiography. Baum S.  
Progr Liver Dis 3:444-65, 1970 (20 ref.)

### SURGERY

Deliberate interruption of the cerebral circulation. White DC. Int Anesth Clin 7:687-99, Fall 69 (36 ref.)  
Hemangioma of the foot. Report of four cases and review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)

### THERAPY

Treatment of neoplasms of the liver. Spellberg MA.  
Amer J Gastroent 52:326-33, Oct 69 (72 ref.)  
Hemangioma of the foot. Report of four cases and

review of the literature. Berlin SJ.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)

## HEMANGIOMA, CAVERNOUS

Disseminated intravascular coagulation. Bachmann F.  
DM 3-44, Dec 69 (76 ref.)

### CONGENITAL

Arteriovenous fistulas: a review and ten-year experience at the Mayo Clinic. Gomes MM, et al.  
Mayo Clin Proc 45:81-102, Feb 70 (73 ref.)

### ETIOLOGY

Microangiopathic hemolytic anemia. Brain MC.  
Ann Rev Med 21:133-44, 1970 (83 ref.)

## HEMANGIOPERICYTOMA

### METABOLISM

On para-endocrine cancer syndromes. Goodall CM.  
Int J Cancer 4:1-13, 15 Jan 69 (110 ref.)

## HEMATOMA

Traumatic liver injuries. Hellström G.  
Progr Liver Dis 3:432-43, 1970 (101 ref.)

### CHEMICALLY INDUCED

Significant complications of anticoagulant therapy.  
Macon WL, et al. Surgery 68:571-82, Sep 70 (93 ref.)

### COMPLICATIONS

[Arterial hypertension following kidney injury]  
Zajackowski T.  
Pol Przegl Chir 41:1546-9, Nov 69 (30 ref.) (Pol)

### ETIOLOGY

[Complications following percutaneous renal biopsy. Review] Mydlík M.  
Vnitřní Lek 16:168-76, Feb 70 (77 ref.) (Slo)

## HEMOPHILIA

The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)

### BLOOD

[Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review]  
Pola V. Vnitřní Lek 16:61-8, Jan 70 (79 ref.) (Cze)

### COMPLICATIONS

Nonmechanical causes of surgical bleeding. Silver D, et al. Curr Probl Surg 1:51, Jan 70 (114 ref.)  
[Cause and treatment of digestive tract hemorrhages in children. II.] Sloof JP.  
Nederl T Geneesk 112:2042-53, 9 Nov 68 (125 ref.)  
(Dut)  
[The hemorrhagic diseases reflected in dental practice] Vichi F, et al.  
Riv Ital Stomat 24:1253-92, Dec 69 (89 ref.) (Ita)  
[Treatment of fractures in patients with hemophilia]  
Smilowicz M. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)

### DIAGNOSIS

The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)

### DRUG THERAPY

The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)  
[Specific hemotherapy] Stich W.  
Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)

### FAMILIAL & GENETIC

[Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review]  
Pola V. Vnitřní Lek 16:61-8, Jan 70 (79 ref.) (Cze)



# REVIEWS

# HEPARIN

## IMMUNOLOGY

- [Antigens and antibodies of viral hepatitis. The Australia antigen] Soulier JP.  
Rev Franc Transfus 12:303-17, Sep 69 (30 ref.) (Fre)

## SURGERY

- The management of bleeding in hemophilia. Abildgaard CF. Advances Pediat 16:365-90, 1969 (57 ref.)

## THERAPY

- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## HEMORRHAGIC DIATHESIS

### CHEMICALLY INDUCED

- Drugs and the liver: a review of metabolism and adverse reactions. Schaffner F, et al.  
Advances Intern Med 15:221-51, 1969 (99 ref.)  
[Current status of the problem of blood system change in chronic benzol poisoning (literature review)] Magagina GE. Probl Gemat 12:45-9, Feb 67 (Rus)

### COMPLICATIONS

- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al.  
Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
[The hemorrhagic diseases reflected in dental practice] Vichi F, et al.  
Riv Ital Stomat 24:1253-92, Dec 69 (89 ref.) (Ita)

### DIAGNOSIS

- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
[Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al.  
Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
[Diagnosis of hemorrhagic diatheses. II] Sas G, et al.  
Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)

### DRUG THERAPY

- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)

### ETIOLOGY

- Hemorrhage and heat stroke. Kessinger A, et al.  
Geriatrics 25:115-8, Jul 70 (18 ref.)  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
[Diagnosis of hemorrhagic diatheses. II] Sas G, et al.  
Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)

### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
[Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al.  
Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
[Review on the retina in 1968. Retinal vascular diseases] Matsui M.  
Ophthalmology (Tokyo) 12:1-24, Jan 70 (206 ref.) (Jap)

### PREVENTION & CONTROL

- Glucocorticoids in haematology. Videbaek A.  
Acta Med Scand [Suppl] 500:Suppl 500:35+, 1969 (49 ref.)

### THERAPY

- [Fibrinolytically caused hemorrhage in urology] Holzknecht F, et al.  
Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
[Modern trends in the therapy of congenital and

- acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

## HEMORRHAGIC THROMBOCYTHEMIA

### DIAGNOSIS

- [Cytochemical examinations in the differentiation of acute leukemias] Szolc A.  
Pediat Pol 44:1173-6, Sep 69 (22 ref.) (Pol)

### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)

## HEMOSTASIS

- Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
Advances Immun 10:145-227, 1969 (743 ref.)  
A pharmacological analysis of aspirin. Collier HO.  
Advances Pharmacol 7:333-405, 1969 (388 ref.)  
Local and systemic factors in the pathogenesis of thrombosis. Deykin D.  
Calif Med 112:31-40, Mar 70 (93 ref.)  
Platelet function: a review. I. Normal function. Berger S. Canad Med Ass J 102:1271-4, 6 Jun 70  
Anesthetic and surgical problems in treating aortofemoral occlusive disease. Perry MO, et al.  
Clin Anesth 3:228-45, 1968 (31 ref.)  
Nonmechanical causes of surgical bleeding. Silver D, et al. Curr Probl Surg 1-51, Jan 70 (114 ref.)  
Functional aspects of disordered immunoglobulins. Penny R. Med J Aust 2:515-7, 8 Sep 69 (22 ref.)  
Factors influencing platelet function: adhesion, release, and aggregation. Mustard JF, et al.  
Pharmacol Rev 22:97-187, Jun 70 (713 ref.)  
[Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al.  
Path Biol (Paris) 18:679-86, Jun-Jul 70 (92 ref.) (Fre)  
[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H.  
Deutsch Gesundh 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
[The physiology of thrombocyte function] Lüscher EF.  
Folia Haemat (Leipzig) 92:433-47, 1969 (74 ref.) (Ger)  
[Blood coagulation and hemostasis] Matsuoka M.  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
[Prostatectomy--our hemostatic method] Hata M.  
Shujutsu 24:957-65, Aug 70 (59 ref.) (Jap)  
[Hematologic changes following surgery. I. Erythrocytes and leukocytes] Bogusz J, et al.  
Pol Przegl Chir 41:1072-7, Aug 69 (22 ref.) (Pol)  
[The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.  
Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)  
[Treatment of fractures in patients with hemophilia] Smilowicz M. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)  
[Acute hemostatic disorders in obstetrics] Rosa de Araujo A, et al.  
Rev Clin Esp 113:481-90, 30 Jun 69 (87 ref.) (Spa)

## HEMOSTATICS

- [Prostatectomy--our hemostatic method] Hata M.  
Shujutsu 24:957-65, Aug 70 (59 ref.) (Jap)

### ADVERSE EFFECTS

- [Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

### PHARMACODYNAMICS

- [Oxycoumarins and their glycosides] Kosheleva LI, et al. Farmatsiia 18:78-88, Jul-Aug 69 (106 ref.) (Rus)

## HEPARIN

- The structure and metabolism of mucopolysaccharides (glycosaminoglycans) and the problem of the mucopolysaccharidoses. Muir H.  
Amer J Med 47:873-90, Nov 69 (169 ref.)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)



## HEPARIN

[Present status of the artificial heart] Atsumi K.  
Surg Ther (Osaka) 21:306-25, Sep 69 (107 ref.) (Jap)

### ADMINISTRATION & DOSAGE

The management of pulmonary embolic disease.  
Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)  
Fat embolism. Rennie AM.  
Canad J Surg 13:41-9, Jan 70 (32 ref.)  
[Disseminated intravascular coagulation as a cause of  
post-partum and post-abortion hemorrhagic  
syndromes and morbidity] Raby C.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)

### ADVERSE EFFECTS

Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)  
Nonmechanical causes of surgical bleeding. Silver D, et  
al. Curr Probl Surg 1-51, Jan 70 (114 ref.)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

### ANALYSIS

[Cell division, relaxing factor and heparin] Kinoshita S.  
J Jap Biochem Soc 42:277-85, Jun 70 (32 ref.) (Jap)  
[Basophilic granulocytes of blood in different  
conditions of organism. (Literature review)] Petrova  
TR. Probl Gemat 13:53-8, Jul 68 (70 ref.) (Rus)

### ANTAGONISTS & INHIBITORS

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

### METABOLISM

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)  
[Cell division, relaxing factor and heparin] Kinoshita S.  
J Jap Biochem Soc 42:277-85, Jun 70 (32 ref.) (Jap)  
[Clinical aspects of systemic proliferation of giant cells  
(giant cell reticulosis)] Geller LI.  
Klin Med (Moskva) 47:17-21, Jun 69 (116 ref.) (Rus)

### PHARMACODYNAMICS

Inhibitors of adrenal steroid biosynthesis. Temple TE,  
et al. Ann Rev Pharmacol 10:199-218, 1970 (122 ref.)  
Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)  
Some aspects of the pharmacology of oral  
anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
Factors influencing platelet function: adhesion,  
release, and aggregation. Mustard JF, et al.  
Pharmacol Rev 22:97-187, Jun 70 (713 ref.)  
[Basic principles of thrombolytic therapy] Loo J van  
de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
[Renin inhibitors] Kokubu T, et al.  
Jap J Clin Med 28:561-74, 10 Mar 70 (38 ref.) (Jap)

### STANDARDS

Heparin therapy and its laboratory control. Pitney WR.  
Brit J Haemat 18:499-502, May 70 (18 ref.)

### THERAPEUTIC USE

The management of pulmonary embolic disease.  
Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
Local and systemic factors in the pathogenesis of  
thrombosis. Deykin D.  
Calif Med 112:31-40, Mar 70 (93 ref.)  
Progress in disseminated intravascular coagulation.  
McKay DG. Calif Med 111:186-98 contd, Sep 69  
Disseminated intravascular coagulation. Bachmann F.  
DM 3-44, Dec 69 (76 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

## REVIEWS

[Anesthesiological experiences in heart surgery] Beer  
R, et al. Anaesthesist 19:1-8, Jan 70 (67 ref.) (Ger)  
[Different forms of utilization coagulopathy and their  
treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
[Ophthalmic drugs. 38] Metzner R.  
Pharm Prax 10:218-24, 1969 (102 ref.) (Ger)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Currently used therapeutic agents for  
arteriosclerosis--with special reference to a protein  
anabolic hormone, clofibrate (C.P.I.B.)] Yasugi T, et  
al. Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)  
[Currently used therapeutic agents for  
arteriosclerosis--with special reference to a protein  
anabolic hormone, clofibrate (C.P.I.B.)] Yasugi T, et  
al. Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)  
[Present status of blood vessel prosthesis] Kamiya K,  
et al.  
Surg Ther (Osaka) 21:334-40, Sep 69 (39 ref.) (Jap)  
[Present status of the artificial kidney] Kasai Y, et al.  
Surg Ther (Osaka) 21:326-33, Sep 69 (45 ref.) (Jap)  
[Thrombosis of major veins (diagnosis and surgery)]  
Belchenko IA, et al.  
Kardiologiya 9:127-35, Dec 69 (112 ref.) (Rus)  
[Modern possibilities in the prophylaxis and therapy of  
the clinical syndrome of fat embolism] Bervar M.  
Vojnosanit Pregl 27:115-7, Mar 70 (Cro)

## HEPARINOID

### ADVERSE EFFECTS

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

### METABOLISM

[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)

### PHARMACODYNAMICS

Inhibitors of adrenal steroid biosynthesis. Temple TE,  
et al. Ann Rev Pharmacol 10:199-218, 1970 (122 ref.)  
[Basic principles of thrombolytic therapy] Loo J van  
de. Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)  
[Basic principles anticoagulant therapy] Mammen EF.  
Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)  
[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)

### THERAPEUTIC USE

[Anticoagulants. 43] Striegler G.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)

## HYPOPROCONVERTINEMIA

### COMPLICATIONS

[A case of congenital hemorrhagic diathesis due to  
factor VII deficiency (hypoproconvertinemia)]  
Urbańczyk J, et al. Wlad Lek 23:661-4, 15 Apr 70 (Pol)

### CONGENITAL

[A case of congenital hemorrhagic diathesis due to  
factor VII deficiency (hypoproconvertinemia)]  
Urbańczyk J, et al. Wlad Lek 23:661-4, 15 Apr 70 (Pol)

## HYPOPROTHROMBINEMIAS

### ETIOLOGY

Hemorrhage and heat stroke. Kessinger A, et al.  
Geriatrics 25:115-8, Jul 70 (18 ref.)

### THERAPY

[Modern trends in the therapy of congenital and  
acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)



# REVIEWS

# PEPTIDE HYDROLASES

## KALLIKREIN-TRYPSIN INACTIVATOR

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.) [Kinin system of blood plasma in mammals] Surovikina MS. *Usp Sovr Biol* 68:35-54, Jul-Aug 69 (108 ref.) (Rus)

### ADMINISTRATION & DOSAGE

[Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zörn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)

### PHARMACODYNAMICS

[Antiplasmins] Enache F, et al. *Med Intern (Bucur)* 22:667-76, Jun 70 (17 ref.) (Rum)

### THERAPEUTIC USE

Is there a place for proteinase inhibition? A review of the literature. Lister GD. *Postgrad Med J* 45:571-3, Aug 69 (42 ref.) [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger) [Conservative treatment of acute pancreatitis (according to data from foreign publications, 1963-1966)] Lashchevker VM. *Khirurgia (Moskva)* 45:142-9, Mar 69 (165 ref.) (Rus) [Clinical and experimental principles of anti-enzyme therapy] Silva Pozo J, et al. *Rev Clin Esp* 113:209-24, 15 May 69 (57 ref.) (Spa)

## LIPOPROTEIN LIPASE

### ANALYSIS

[Prostaglandins] Hynle S. *Cesk Fysiol* 18:43-71, Jun 69 (417 ref.) (Cze)

### METABOLISM

[The metabolism of adipose tissue in normal man and in various metabolic disorders. I. Metabolism of normal human adipose tissue] Sezille G, et al. *Ann Biol Clin (Paris)* 28:115-9, 1970 (Fre) [The digestion, absorption and transport of fat in the human body] Krygler T. *Pol Tyg Lek* 25:986-9, 29 Jun 70 (19 ref.) (Pol)

## PEPTIDE HYDROLASES

Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al. *Ann Intern Med* 72:427-9, Mar 70 (27 ref.)

Degradation processes in bone and cartilage. Reynolds JJ. *Calcif Tissue Res Suppl*:52-6, 1970 (23 ref.) [Morphological and physiological aspects of the interaction of *Bdellovibrio* with host bacteria. Shilo M. *Curr Top Microbiol Immun* 50:174-204, 1969 (94 ref.)

Basic mechanism of hypersensitivity reactions. Sanyal RK, et al. *Indian J Physiol Pharmacol* 13:191-221, Oct 69 (249 ref.)

Genes and isozymes. Harris H. *Proc Roy Soc London [Biol]* 174:1-31, 7 Oct 69 (120 ref.)

The Pi system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al. *Progr Med Genet* 7:96-111, 1970 (73 ref.)

[Processes of manufacture and use of microbial enzymes in food industry] Le Fay A, et al. *Aliment Vie* 58:33-43, 1970 (106 ref.) (Fre)

[Isolation of staphylococcus in food, dietetic products and orally administered drugs] Beys-L'hoest B. *J Pharm Belg* 25:26-56, Jan-Feb 70 (184 ref.) (Fre)

[Isolation of staphylococcus in food, dietetic products and orally administered drugs] Beys-L'hoest B. *J Pharm Belg* 25:26-56, Jan-Feb 70 (184 ref.) (Fre)

[Pepsin and pepsinogen. Origin, properties, preparation] Cheret AM, et al. *Path Biol (Paris)* 18:317-42, Mar 70 (360 ref.) (Fre) [Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)

[The role of some polypeptides and protein derivatives in inflammation] Popescu E. *Stud Cercet Med Intern* 10:29-37, 1969 (21 ref.) (Rum)

[Molecular aspects of genotypical adaptation of organisms to the environmental temperature] Aleksandrov VJa. *Usp Sovr Biol* 67:383-99, May-Jun 69 (Rus)

[Influence of various processing technics of pathological material on the isolation of mycobacteria] Turzová M. *Bratisl Lek Listy* 53:233-44, Feb 70 (90 ref.) (Slo)

### ADMINISTRATION & DOSAGE

Enzymes for trauma. Miller RR, et al. *Postgrad Med J* 46:154-8, Mar 70 (24 ref.) [Enzyme therapy of trophic ulcers] Gostishchev VK, et al. *Sovet Med* 33:43-7, Mar 70 (26 ref.) (Rus)

### ADVERSE EFFECTS

Chemical causes of pain and itch. Keele CA. *Ann Rev Med* 21:67-74, 1970 (56 ref.) [Enzymes for trauma. Miller RR, et al. *Postgrad Med J* 46:154-8, Mar 70 (24 ref.)

### ANALYSIS

Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovener (Stockholm)* 49:458-67, 1969 (69 ref.)

[Histoenzymological investigation of exocrine pancreas. I. General view] Frexinos J, et al. *Ann Histochim* 14:103-15, Apr-Jun 69 (Fre)

[Contents of commercial papain] Zoch E. *Arzneimittelforschung* 19:1593-7, Sep 69 (73 ref.) (Ger)

[Liver lysosomes in rats--present status of its biochemical study] Futal M. *Protein (Tokyo)* 14:564-72, May 69 (97 ref.) (Jap)

### ANTAGONISTS & INHIBITORS

Specific irreversible enzyme inhibitors. Baker BR. *Ann Rev Pharmacol* 10:35-50, 1970 (104 ref.)

Is there a place for proteinase inhibition? A review of the literature. Lister GD. *Postgrad Med J* 45:571-3, Aug 69 (42 ref.)

[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)

[Naturally occurring inhibitors of preteolytic enzymes] Sawaryn A. *Postepy Hig Med Dosw* 23:787-804, 1969 (103 ref.) (Pol)

[Current trends in the therapeutic use of enzyme inhibitors in clinical practice] Veremeenko KN. *Vrach Delo* 11:11-9, Nov 69 (22 ref.) (Rus)

### BLOOD

[Enzymes of plasma and blood serum] Szczeklik A. *Pol Tyg Lek* 25:1142-5, 27 Jul 70 (12 ref.) (Pol)

### METABOLISM

Experimental acute pancreatitis. Wanke M. *Curr Top Path* 52:64-142, 1970 (465 ref.)

Simple peptides in brain. Sano I. *Int Rev Neurobiol* 12:235-63, 1970 (155 ref.)

[Disorders of the pancreatic excretory function, with special reference to its etiology] Hatta Y. *Saishin Igaku* 25:667-70, Mar 70 (24 ref.) (Jap)

[Ions in the enzymatic catalysis] Muszyńska G. *Postepy Biochem* 16:67-88, 1970 (80 ref.) (Pol)

[Renin and angiotensin] Tomaszewski J, et al. *Postepy Biochem* 16:21-32, 1970 (63 ref.) (Pol)

### PHARMACODYNAMICS

Action of insulin on isolated fat cells. Gliemann J. *Danish Med Bull* 16:Suppl 4:1-42, May 69 (163 ref.)

[Leukocyte migration factors--their basics and significance in inflammation] Aoki T. *Jap J Clin Med* 27:2363-76, Sep 69 (43 ref.) (Jap)

[Mechanism of leukocyte migration in microcirculation] Yoshinaga M, et al. *Saishin Igaku* 25:1641-52, Aug 70 (102 ref.) (Jap)



## PEPTIDE HYDROLASES

### PHYSIOLOGY

- [Mechanism of vascular permeability--morphological and biochemical study] Tasaki I, et al.  
**Protein (Tokyo)** 14:1336-50, Dec 69 (246 ref.) (Jap)  
 [Pepsinogen, pepsin and pepsin inhibitors. Current physiopathological and clinical aspects] Cincă N.  
**Stud Cercet Med Intern** 11:23-37, 1970 (68 ref.) (Rum)

### THERAPEUTIC USE

- Fibrinolytic agents. Sherry S. **DM** 3-32, May 69 (29 ref.)

## PEPTIDE PEPTIDOHYDROLASES

- Simulated mutation at the active site of biologically active proteins. Polgár L, et al.  
**Advances Enzym** 33:381-400, 1970 (19 ref.)  
 [Current state of knowledge of the gamma-M molecule] Martin JP.  
**Ann Biol Clin (Paris)** 27:587-610, Oct-Dec 69 (137 ref.) (Fre)  
 [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
**Jap J Clin Med** 28:1916-23, Jul 70 (26 ref.) (Jap)

### ANALYSIS

- Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al.  
**Acta Dermatovenet (Stockholm)** 49:458-67, 1969 (69 ref.)  
 [Contents of commercial papain] Zoch E.  
**Arzneimittelforschung** 19:1593-7, Sep 69 (73 ref.) (Ger)  
 [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
**Jap J Clin Med** 28:1916-23, Jul 70 (26 ref.) (Jap)

### ISOLATION & PURIFICATION

- [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
**Jap J Clin Med** 28:1916-23, Jul 70 (26 ref.) (Jap)

### METABOLISM

- [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
**Jap J Clin Med** 28:1916-23, Jul 70 (26 ref.) (Jap)

### PHARMACODYNAMICS

- [Current information on angiotensin I-converting enzyme] Ueda E, et al.  
**Jap J Clin Med** 28:1916-23, Jul 70 (26 ref.) (Jap)

## PHENINDIONE

- Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
**Clin Pharmacol Ther** 11:312-36, May-Jun 70 (192 ref.)

### PHARMACODYNAMICS

- [Anticoagulants. 43] Striegler G.  
**Pharm Prax** 12:279-87, Dec 69 (97 ref.) (Ger)

### THERAPEUTIC USE

- Anticoagulants and coronary heart disease. Mackinnon J. **Practitioner** 202:222-9, Feb 69 (29 ref.)  
 [Anticoagulants. 43] Striegler G.  
**Pharm Prax** 12:279-87, Dec 69 (97 ref.) (Ger)

## PHYTONADIONE

### ADMINISTRATION & DOSAGE

- Multiple combination therapy in cancer chemotherapy in Japan. Ota K. **Gann** 60:239-46, Jun 69 (46 ref.)

### PHARMACODYNAMICS

- Response of human beings to vitamin K 1.  
**Nutr Rev** 27:287-9, Oct 69 (10 ref.)

## REVIEWS

## PLASMINOGEN

### ADMINISTRATION & DOSAGE

- [Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C.  
**Gynec Obstet (Paris)** 68:479-96, 1969 (Fre)

### ANTAGONISTS & INHIBITORS

- [Generalized Schwartzman reaction] Lipiński B, et al.  
**Postepy Hig Med Dosw** 23:435-49, Jul-Aug 69 (59 ref.) (Pol)

### METABOLISM

- Fibrinolytic agents. Sherry S. **DM** 3-32, May 69 (29 ref.)  
 [Basic principles of thrombolytic therapy] Loo J van de. **Internist (Berlin)** 10:16-21, Jan 69 (45 ref.) (Ger)

### PHYSIOLOGY

- Fibrinolytic agents. Sherry S. **DM** 3-32, May 69 (29 ref.)

## PROTAMINES

### THERAPEUTIC USE

- [Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
**Med Welt** 44:2389-98, 1 Nov 69 (25 ref.) (Ger)

## PROTHROMBIN

### ANALYSIS

- [Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. **Vnitřní Lek** 16:61-8, Jan 70 (79 ref.) (Cze)  
 [Hematologic changes following surgery. II. Blood platelets, blood coagulation and fibrinolysis] Bogusz J, et al.  
**Pol Przegl Chir** 41:1078-83, Aug 69 (30 ref.) (Pol)

### METABOLISM

- Warfarin therapy. 1. Deykin D.  
**New Eng J Med** 283:691-4, 24 Sep 70 (10 ref.)  
 Response of human beings to vitamin K 1.  
**Nutr Rev** 27:287-9, Oct 69 (10 ref.)

### PHARMACODYNAMICS

- The mode of action of vitamin K. Olson RE.  
**Nutr Rev** 28:171-6, Jul 70 (58 ref.)

### PHYSIOLOGY

- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al.  
**Postepy Biochem** 16:51-66, 1970 (201 ref.) (Pol)

## PROTHROMBIN TIME

- Recent developments in antithrombotic therapy.  
 Wright IS. **Ann Intern Med** 71:823-31, Oct 69 (30 ref.)  
 Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
**Clin Pharmacol Ther** 11:312-36, May-Jun 70 (192 ref.)  
 Radiology of the portal system. Kreel L.  
**Gut** 11:620-6, Jul 70 (39 ref.)  
 Warfarin therapy. 2. Deykin D.  
**New Eng J Med** 283:801-3, 8 Oct 70 (4 ref.)  
 Warfarin therapy. 1. Deykin D.  
**New Eng J Med** 283:691-4, 24 Sep 70 (10 ref.)  
 Response of human beings to vitamin K 1.  
**Nutr Rev** 27:287-9, Oct 69 (10 ref.)  
 Anticoagulants and coronary heart disease. Mackinnon J. **Practitioner** 202:222-9, Feb 69 (29 ref.)  
 [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H.  
**Deutsch Gesundh** 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
 [Laboratory control of oral anticoagulation. Experiences from The Netherlands] Loellger EA.  
**Schweiz Med Wschr** 99:1257-9, 30 Aug 69 (16 ref.) (Ger)



## PURPURA, THROMBOPENIC

### BLOOD

[Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
Lab Delo 2:71-7, 1970 (30 ref.) (Rus)

### CHEMICALLY INDUCED

[Dermatologic complications during the administration of hydantoin compounds (review)] Gottwald W.  
Z Haut Geschlechtskr 44:471-90, 1 Jul 69 (123 ref.) (Ger)

### COMPLICATIONS

[Unsettled and controversial problems in systemic vascular diseases] Teodori MI.  
Kardiologija 9:3-12, Aug 69 (55 ref.) (Rus)

### DRUG THERAPY

The clinical use of immunosuppression. Watson DW, et al. Med Clin N Amer 53:1225-41, Nov 69 (73 ref.)  
The corticosteroids in childhood. Pearn JH, et al. Practitioner 204:34-45, Jan 70 (34 ref.)

### FAMILIAL & GENETIC

Platelet function: a review. II. Abnormal function. Berger S.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)

### IMMUNOLOGY

Antigenicity of blood platelets. Májský A.  
Curr Top Microbiol Immun 50:138-73, 1969 (259 ref.)  
[Autoimmune syndromes in human clinical cases] Seligmann M, et al.  
Ann Inst Pasteur (Paris) 118:485-512, Apr 70 (168 ref.) (Fre)

[Immune thrombopenias and purpura] Brúster H.  
Allerg Asthmaforsch 5:168-75, 1969 (Ger)

## PURPURA, THROMBOTIC THROMBOPENIC

Microangiopathic hemolytic anemia. Brain MC.  
Ann Rev Med 21:133-44, 1970 (83 ref.)

### ETIOLOGY

Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)  
Microangiopathic hemolytic anemia. Brain MC.  
Ann Rev Med 21:133-44, 1970 (83 ref.)

### PATHOLOGY

Significance of Aleutian disease of mink in comparative pathology. Wagner BM.  
Advances Vet Sci 13:219-45, 1969 (30 ref.)

## SHWARTZMAN PHENOMENON

Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD.  
Advances Immun 10:145-227, 1969 (743 ref.)  
Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)  
[Fundamentals and clinic aspects of allergic dermatoses] Stüttgen G.  
Allerg Asthmaforsch 5:15-227, 1969 (Ger)  
[On the physiopathology of the consumption coagulopathy] Müller-Berghaus G.  
Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)  
[Clinical treatment of disseminated intravascular blood clotting] Michalowska R.  
Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)  
[Generalized Schwartzman reaction] Lipiński B, et al.  
Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
[Structure and origin of fibrinoid] Madyk E.  
Reumatologia (Warsz) 7:185-90, 1969 (40 ref.) (Pol)

### COMPLICATIONS

Experimentally induced retinopathies in relation to the problem of diabetes. Heath H.  
Brit Med Bull 26:151-5, May 70 (43 ref.)

### DIAGNOSIS

Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)

### ETIOLOGY

Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)

### THERAPY

Disseminated intravascular coagulation. Simone JV.  
Advances Intern Med 15:339-55, 1969 (60 ref.)

## STREPTODORNASE AND STREPTOKINASE

### ADMINISTRATION & DOSAGE

Enzymes for trauma. Müller RR, et al.  
Postgrad Med J 46:154-8, Mar 70 (24 ref.)

### METABOLISM

Management of pulmonary embolism. Silver D, et al.  
Med Clin N Amer 54:361-77, Mar 70 (82 ref.)

### THERAPEUTIC USE

[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)

## STREPTOKINASE

The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
[Progress in serological detection of hemolytic streptococcal infections] Kumagai N.  
Jap J Clin Med 28:1662-71, Jun 70 (76 ref.) (Jap)

### ADMINISTRATION & DOSAGE

[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)

### ADVERSE EFFECTS

[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Thrombolytic therapy. II] Sterkowicz S.  
Przegl Lek 25:698-701, 1969 (56 ref.) (Pol)

### PHARMACODYNAMICS

[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)

### THERAPEUTIC USE

The management of pulmonary embolic disease. Thomas DP.  
Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
Recent developments in antithrombotic therapy. Wright IS. Ann Intern Med 71:823-31, Oct 69 (30 ref.)  
[Clinical aspects of thrombolytic therapy] Schmutzler R. Internist (Berlin) 10:21-9, Jan 69 (38 ref.) (Ger)  
[Different forms of utilization coagulopathy and their treatment] Herschlein HJ, et al.  
Med Welt 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
[Modern therapy of thromboembolism] Schmutzler R.  
Med Welt 12:467-77, 21 Mar 70 (46 ref.) (Ger)  
[Treatment of acute myocardial infarct] Pippig L.  
Munchen Med Wschr 112:639-51, 3 Apr 70 (93 ref.) (Ger)  
[Fibrinolytics. 46] Wagler M.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
[Thrombolytic therapy. II] Sterkowicz S.  
Przegl Lek 25:698-701, 1969 (56 ref.) (Pol)



## THROMBIN

### THROMBIN

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)
- The management of pulmonary embolic disease. Thomas DP. *Amer J Med Sci* 259:157-63, Mar 70 (42 ref.)
- Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70

#### ADMINISTRATION & DOSAGE

- Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)

#### ANALYSIS

- [Problems of directed hemostasis and coagulation stimulation in pathological tendency to bleed] Zürn H. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)

#### BIOSYNTHESIS

- [Enzymes of plasma and blood serum] Szczeklik A. *Pol Tyg Lek* 25:1142-5, 27 Jul 70 (12 ref.) (Pol)

#### PHARMACODYNAMICS

- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H. *Aerospace Med* 41:331-6, Mar 70 (80 ref.)
- [Generalized Schwartzman reaction] Lipiński B, et al. *Postepy Hig Med Dosw* 23:435-49, Jul-Aug 69 (59 ref.) (Pol)

#### PHYSIOLOGY

- [Physiology of hemostasis. 3. Primary hemostasis] Allain JP, et al. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)
- [The role of lipids and lipoproteins in hemostatic processes] Worowski K, et al. *Postepy Biochem* 16:51-66, 1970 (201 ref.) (Pol)

### THROMBOCYTOSIS

- [Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)

#### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- Platelet production. Harker LA. *New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)

### THROMBOPENIA

- [Antilymphocyte serum. I] Bach JF. *Rev Europ Etud Clin Biol* 15:28-55, Jan 70 (341 ref.) (Fre)
- [Blood injury in the functioning of an implanted artificial heart] Komarov LS, et al. *Grudn Khir* 12:87-91, May-Jun 70 (76 ref.) (Rus)

#### BLOOD

- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)

#### CHEMICALLY INDUCED

- Drug-induced bone marrow injury. Yunis AA. *Advances Intern Med* 15:357-76, 1969 (101 ref.)
- [Antilymphocyte serum. II] Bach JF. *Rev Europ Etud Clin Biol* 15:258-78, Mar 70 (221 ref.) (Fre)

#### COMPLICATIONS

- Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the

## REVIEWS

- literature. Levine H. *Aerospace Med* 41:331-6, Mar 70 (80 ref.)
- Louse-borne relapsing fever. Bryceson AD, et al. *Quart J Med* 39:129-70, Jan 70
- The treatment of chronic lymphocytic leukemia. Silver RT. *Seminars Hemat* 6:344-56, Oct 69 (44 ref.)
- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)
- [Hemolytic-uremic syndrome] Sancewicz-Pach K. *Przegl Lek* 25:509-11, 1969 (19 ref.) (Pol)

#### DIAGNOSIS

- [Diagnosis of hemorrhagic diatheses. II] Sas G, et al. *Orv Hetil* 111:123-30, 18 Jan 70 (103 ref.) (Hun)

#### DRUG THERAPY

- Glucocorticoids in haematology. Videbaek A. *Acta Med Scand [Suppl]* 500:Suppl 500:35+, 1969 (49 ref.)
- Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)
- [New principles of treatment in acute leukemia] Nissen NI, et al. *Ugeskr Laeg* 132:821-30, 30 Apr 70 (69 ref.) (Dan)
- [Long-term therapy of immunologic diseases with special reference to the use of immunosuppressive agents] Scheiffarth F, et al. *Deutsch Med Wschr* 94:2444-9, 21 Nov 69 (99 ref.) (Ger)

#### ETIOLOGY

- Hemorrhage and heat stroke. Kessinger A, et al. *Geriatrics* 25:115-8, Jul 70 (18 ref.)
- Problems and results of cardiac transplantation. Hallman GL, et al. *Progr Cardiovasc Dis* 12:213-20, Nov 69 (19 ref.)
- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)

#### FAMILIAL & GENETIC

- Recent advances in molecular pathology: a review. Some aspects of chromosome changes in cancer. Porter IH, et al. *Exp Molec Path* 11:340-67, Dec 69 (110 ref.)
- [Congenital nonspherocytic hemolytic anemia with glutathione-dependent enzyme deficiencies (review of the literature)] Erman LV. *Probl Gemat* 15:46-50, Mar 70 (25 ref.) (Rus)

#### IMMUNOLOGY

- [Non-erythrocytic feto-maternal immunizations] Ducos J. *Rev Franc Transfus* 12:Suppl:221-43, 1969 (112 ref.) (Fre)
- [Immune thrombopenias and purpura] Brüster H. *Allerg Asthmaforsch* 5:168-75, 1969 (Ger)

#### OCCURRENCE

- [Hemolytic uremic syndrome] Wehinger H, et al. *Klin Wschr* 47:445-7, 1 May 69 (66 ref.) (Ger)

#### PHYSIOPATHOLOGY

- Platelet function: a review. II. Abnormal function. Berger S. *Canad Med Ass J* 102:1379-83, 20 Jun 70 (142 ref.)
- Platelet production. Harker LA. *New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)

#### PREVENTION & CONTROL

- Reduction of toxicity in cancer chemotherapy. Perry S. *Cancer Res* 29:2319-25, Dec 69 (57 ref.)

#### THERAPY

- Drug-induced bone marrow injury. Yunis AA. *Advances Intern Med* 15:357-76, 1969 (101 ref.)
- [Diagnosis and therapy of various form of thrombopathy] Vries SI de. *Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)
- [Specific hemotherapy] Stich W. *Internist (Berlin)* 10:52-8, Feb 69 (69 ref.) (Ger)



# REVIEWS

# TRYPSIN INHIBITORS

[Hemolytic uremic syndrome] Wehinger H, et al.  
Klin Wschr 47:445-7, 1 May 69 (66 ref.) (Ger)

## THROMBOPLASTIN

The management of bleeding in hemophilia. Abildgaard CF. *Advances Pediat* 16:365-90, 1969 (57 ref.)  
Platelet function: a review. I. Normal function. Berger S. *Canad Med Ass J* 102:1271-4, 6 Jun 70  
Disseminated intravascular coagulation. Bachmann F. *DM* 3-44, Dec 69 (76 ref.)  
[Disseminated intravascular coagulation as a cause of post-partum and post-abortion hemorrhagic syndromes and morbidity] Raby C. *Gynec Obstet (Paris)* 68:479-96, 1969 (Fre)  
[Tissue factors of the coagulation and fibrinolytic systems in the walls of blood vessels] Nikitin IuP. *Pat Fiziol Eksp Ter* 13:81-7, Jul-Aug 69 (155 ref.) (Rus)

## ADMINISTRATION & DOSAGE

Elimination of iodine-labelled fibrinogen in intravascular coagulation and in the normal state. Experimental and clinical studies. Zetterqvist E. *Acta Physiol Scand Suppl*:7-41, 1969 (112 ref.)

## ANALYSIS

[Theoretical possibilities and the present status of laboratory diagnosis of hemophilic carriers. Review] Pola V. *Vnitřní Lek* 16:61-8, Jan 70 (79 ref.) (Cze)

## PHARMACODYNAMICS

Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature. Levine H. *Aerospace Med* 41:331-6, Mar 70 (80 ref.)  
[On the physiopathology of the consumption coagulopathy] Müller-Berghaus G. *Bibl Haemat* 32:257-69, 1969 (26 ref.) (Ger)

## TRYPSIN

Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. Ratnoff OD. *Advances Immun* 10:145-227, 1969 (743 ref.)  
Experimental acute pancreatitis. Wanke M. *Curr Top Path* 52:64-142, 1970 (465 ref.)  
The control of haemoglobin synthesis: factors controlling the output of alpha and beta chains. Hunt RT, et al. *Proc Nutr Soc* 28:248-54, Sep 69 (19 ref.)  
X-ray studies of crystalline proteins. North AC, et al. *Progr Biophys* 19:1-132, 1969 (236 ref.)  
Proinsulin and the biosynthesis of insulin. Steiner DF, et al. *Recent Progr Hormone Res* 25:207-82, 1969 (135 ref.)  
Aetiology and pathogenesis of pancreatitis. (Current concepts). Creutzfeldt W, et al. *Scand J Gastroent* 5:Suppl 6:47-62, 1970 (117 ref.)  
[Current state of knowledge of the gamma-M molecule] Martin JP. *Ann Biol Clin (Paris)* 27:587-610, Oct-Dec 69 (137 ref.) (Fre)  
[Structure and multiplication mechanism of reovirus] Kolde F. *Protein (Tokyo)* 15:764-76, Jun 70 (65 ref.) (Jap)  
[Fundamental problems in immunological research of cancer; with special reference to complement] Nishioka K. *Protein (Tokyo)* 15:430-9, Apr 70 (55 ref.) (Jap)  
[Renin and angiotensin] Tomaszewski J, et al. *Postepy Biochem* 16:21-32, 1970 (63 ref.) (Pol)

## ADMINISTRATION & DOSAGE

Enzymes for trauma. Miller RR, et al. *Postgrad Med J* 46:154-8, Mar 70 (24 ref.)

## ADVERSE EFFECTS

Fibrinolytic agents. Sherry S. *DM* 3-32, May 69 (29 ref.)

## ANALYSIS

Proteolytic enzymes in the skin. I. A critical review of the literature. Hopsu-Havu VK, et al. *Acta Dermatovenere (Stockholm)* 49:458-67, 1969 (69 ref.)

*Bacillus thuringiensis*: microbiological considerations. Rogoff MH, et al. *Ann Rev Microbiol* 23:357-86, 1969 (252 ref.)  
[Affinity chromatography] Kato I. *Protein (Tokyo)* 14:1143-51, Dec 69 (28 ref.) (Jap)  
[Advances in gastroenterology. Diagnosis of pancreatic diseases] Koziolowa H. *Pol Arch Med Wewnet* 43:1215-9, Aug 69 (Pol)  
[New methods of studying pancreatic secretion] Konturek S. *Wiad Lek* 23:1311-6, 1 Aug 70 (11 ref.) (Pol)

## METABOLISM

[Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)

## PHARMACODYNAMICS

Experimental cardiac anaphylaxis. Physiologic, pharmacologic and biochemical aspects of immune reactions in the isolated heart. Feigen GA, et al. *Amer J Cardiol* 24:474-91, Oct 69 (104 ref.)  
The muscle proteins of the vascular wall. Hamoir G. *Angiologica (Basel)* 6:190-225, 1969 (93 ref.)  
[Application of neuromuscular blocking agents in anesthesia] Iwatsuki K. *Jap J Anesth* 19:595-604, Jun 70 (42 ref.) (Jap)  
[Staphylococcal nuclease] Ono M, et al. *Protein (Tokyo)* 15:101-16, Feb 70 (77 ref.) (Jap)

## THERAPEUTIC USE

[Enzyme therapy of trophic ulcers] Gostishchev VK, et al. *Sovet Med* 33:43-7, Mar 70 (26 ref.) (Rus)

## TRYPSIN INHIBITORS

Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al. *Ann Intern Med* 72:427-9, Mar 70 (27 ref.)  
Specific irreversible enzyme inhibitors. Baker BR. *Ann Rev Pharmacol* 10:35-50, 1970 (104 ref.)  
Pancreatic enlargement by trypsin inhibitor and low molecular weight compounds. *Nutr Rev* 27:266-9, Sep 69 (6 ref.)  
Selective chemical modification of proteins. Shaw E. *Physiol Rev* 50:244-96, Apr 70 (268 ref.)  
[Determination method for plasma kinin and related enzymes and their role in various disease states] Katori M. *Jap J Allerg* 18:505-17, Jun 69 (67 ref.) (Jap)  
[Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)  
[Naturally occurring inhibitors of preteolytic enzymes] Sawaryn A. *Postepy Hig Med Dosw* 23:787-804, 1969 (103 ref.) (Pol)

## ANALYSIS

Biochemistry of cervical mucus. Schumacher GF. *Fertil Steril* 21:697-705, Oct 70 (47 ref.)

## BIOSYNTHESIS

The PI system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al. *Progr Med Genet* 7:96-111, 1970 (73 ref.)

## BLOOD

Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Falk GA, et al. *Ann Intern Med* 72:427-9, Mar 70 (27 ref.)  
The PI system-inherited variants of serum alpha 1-antitrypsin. Fagerhol MK, et al. *Progr Med Genet* 7:96-111, 1970 (73 ref.)  
[Cross electrophoresis (1969 Japan Medical Association prize-winning thesis)] Nakamura S. *J Jap Med Ass* 63:47-63, 1 Jan 70 (34 ref.) (Jap)

## PHYSIOLOGY

[Trypsin inhibitors of plant origin] Janicki J, et al. *Postepy Biochem* 16:101-18, 1970 (195 ref.) (Pol)



## VITAMIN K

## REVIEWS

### VITAMIN K

#### ANTAGONISTS & INHIBITORS

Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

#### BIOSYNTHESIS

[Current data on the biogenesis of liposoluble vitamins] Grangaud R, et al.  
Ann Nutr (Paris) 23:B81-98, 1969 (148 ref.) (Fre)

#### METABOLISM

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)

#### PHARMACODYNAMICS

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
The mode of action of vitamin K. Olson RE.  
Nutr Rev 28:171-6, Jul 70 (58 ref.)

#### PHYSIOLOGY

Response of human beings to vitamin K 1.  
Nutr Rev 27:287-9, Oct 69 (10 ref.)

### VON WILLEBRAND'S DISEASE

#### BLOOD

[Comparative evaluation of the methods to determine thrombocyte aggregation and adhesiveness (review of the literature)] Guseinov ChS, et al.  
Lab Delo 2:71-7, 1970 (30 ref.) (Rus)

#### THERAPY

[Diagnosis and therapy of various form of thrombopathy] Vries SI de.  
Nederl T Geneesk 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
[Modern trends in the therapy of congenital and acquired coagulopathies] Girolami A.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)

### WARFARIN

Some aspects of the pharmacology of oral anticoagulants. Coon WW, et al.  
Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)

#### ADMINISTRATION & DOSAGE

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

#### ADVERSE EFFECTS

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
[Eye complications during use of various medicinal substances with general effects (review of the literature)] Barg Tsm.  
Oftal Zh 24:579-84, 1969 (72 ref.) (Rus)

#### ANTAGONISTS & INHIBITORS

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Response of human beings to vitamin K 1.  
Nutr Rev 27:287-9, Oct 69 (10 ref.)

#### METABOLISM

Recent progress in pharmacogenetics. Vesell ES.  
Advances Pharmacol 7:1-52, 1969 (234 ref.)  
Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)

#### PHARMACODYNAMICS

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
Response of human beings to vitamin K 1.  
Nutr Rev 27:287-9, Oct 69 (10 ref.)

#### THERAPEUTIC USE

Warfarin therapy. 2. Deykin D.  
New Eng J Med 283:801-3, 8 Oct 70 (4 ref.)  
Warfarin therapy. 1. Deykin D.  
New Eng J Med 283:691-4, 24 Sep 70 (10 ref.)  
Anticoagulants and coronary heart disease. Mackinnon J.  
Practitioner 202:222-9, Feb 69 (29 ref.)



# AUTHOR SECTION

## A

1. Aaron BL, Doohen DJ: Spontaneous hemothorax in the newborn: another cause for respiratory distress. *Ann Thorac Surg* 9:258-62, Mar 70  
BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/  
\*HEMOTHORAX, complications/  
HEMOTHORAX, surgery/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, complications/ INFANT, NEWBORN, DISEASES, surgery/ MALE/ \*RESPIRATORY DISTRESS SYNDROME, etiology/  
RESPIRATORY DISTRESS SYNDROME, surgery
2. Aaron RK, Srinivasan S, Burrowes CB, et al: Effects of chemical compounds upon current induced thrombosis in rat mesenteric vessels. *Thromb Diath Haemorrh* 23:621-6, 30 Jun 70  
ACIDS, pharmacodynamics/ ALKALIES, pharmacodynamics/ AMINO ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ APPENDIX/ CHONDROITIN, pharmacodynamics/ ELECTRIC INJURY/ ETHYLMALIMIDE, pharmacodynamics/ FEMALE/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ MESENTERIC ARTERIES/ MESENTERIC VEINS/ PODOPHYLLIN, pharmacodynamics/ RATS/ THROMBOSIS, chemically induced/  
\*THROMBOSIS, etiology/ THROMBOSIS, prevention & control
3. Aas K, Elsayed SM: Characterization of a major allergen (cod). Effect of enzymic hydrolysis on the allergenic activity. *J Allerg* 44:333-43, Dec 69  
\*ALLERGENS, analysis/ ALLERGENS, isolation & purification/ ANIMAL EXPERIMENTS/  
\*ANTIGEN-ANTIBODY REACTIONS/  
BACTERIAL PROTEINS/ CHROMATOGRAPHY, GAS/ ELECTROPHORESIS, DISK/ FISHES/  
\*FOOD HYPERSENSITIVITY, immunology/  
GALACTOSIDASE/ GEL DIFFUSION TESTS/  
GLUCOSIDASE/ IMMUNE SERUMS/ IN VITRO/ NEURAMINIDASE/  
NEUTRALIZATION TESTS/  
PANCREATOPEPTIDASE/ PEP SIN/ PEPTIDE HYDROLASES/ SKIN TESTS/ TISSUE EXTRACTS, analysis/ TRYPSIN
4. Abdullaev ND, Bystrov VF, Rumsh LD, et al: NMR study of conformationally restricted substrates of alpha-chymotrypsin. *Tetrahedron Lett* 60:5287-90, Dec 69  
CHEMISTRY/ \*CHYMOTRYPSIN/  
\*ISOQUINOLINES/ \*NUCLEAR MAGNETIC RESONANCE
5. Abdullaev ND, Bystrov VF, Rumsh LD, et al: NMR study of conformationally restricted substrates of alpha-chymotrypsin. *Tetrahedron Lett* 59:5143-57, Dec 69  
CHEMISTRY/ \*CHYMOTRYPSIN/ ESTERS/  
\*ISOQUINOLINES/ NUCLEAR MAGNETIC RESONANCE
6. Abe A: [Anticoagulants]  
*Jap J Clin Med* 28:Suppl:750-3, 25 Mar 70 (Jap)  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN
7. Abe K: [Hyperlipemia and blood coagulation]  
*Jap J Clin Path* 18:256-60, Apr 70 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CHOLESTEROL, blood/ HUMAN/  
\*HYPERLIPEMIA, blood/ LIPIDS, blood/ LIPOPROTEINS, blood/ PHOSPHOLIPIDS, blood/ RATS
8. Abe K, Mori T, Seki T, et al: [Plasmakinin. 1. Human plasma kallikreinogen. 2. An improved bioassay method of kinin] *Jap J Allerg* 18:533-7, Jun 69 (Jap)  
ADULT/ AGED/ ANIMAL EXPERIMENTS/  
\*BIOLOGICAL ASSAY/ CHILD/ DOGS/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*KALLIKREIN, blood/ \*KININS, blood/  
MALE/ METHODS/ MIDDLE AGE/ RABBITS/  
TRYPSIN
9. Abe M: [Hemolytic complement activity in the synovial fluid of patients with rheumatoid arthritis]  
*J Jap Orthop Ass* 44:271-81, Apr 70 (Jap)  
ADULT/ AGED/ \*ARTHRITIS, RHEUMATOID, immunology/ CATALASE, analysis/ CHILD/  
\*COMPLEMENT, analysis/ ENGLISH  
ABSTRACT/ FEMALE/ FIBRINOLYSIN, analysis/ GAMMA GLOBULIN, analysis/  
GUINEA PIGS/ HUMAN/  
IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ \*SYNOVIAL FLUID, immunology
10. Abe T: [Plasma coagulation tests. Phase 3]  
*Jap J Clin Path* 18:Suppl 16:93+, 1969 (Jap)  
ANTITHROMBIN, analysis/ \*BLOOD COAGULATION TESTS/ FIBRIN, analysis/  
FIBRINOGEN, analysis/ HUMAN/ METHODS/  
THROMBIN, analysis
11. Abe T: [Analysis of antifibrinolytic activity of blood platelets] *Acta Haemat Jap* 32:38-44, Feb 69 (Jap)  
ADENINE/ ANIMAL EXPERIMENTS/  
AUTOANALYSIS/ \*BLOOD PLATELETS/  
CATTLE/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ FIBRINOLYSIN/ \*FIBRINOLYSIS/  
GEL FILTRATION/ HUMAN/  
ULTRACENTRIFUGATION
12. Abe T, Inoue H, Imagawa U, et al: [Fibrinolysis in cancer] *Jap J Cancer Clin* 15:785-96, Sep 69 (Jap)  
ADENOCARCINOMA, blood/ ADULT/ AGED/  
ANIMAL EXPERIMENTS/ CARCINOMA, blood/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
\*LUNG NEOPLASMS, blood/ MALE/ MIDDLE AGE/ NEOPLASMS, EXPERIMENTAL, blood/  
RATS/ \*STOMACH NEOPLASMS, blood
13. Abe T, Kiyohara M, Ikemori R: [Relationship between pain sensation and blood coagulation-fibrinolysis]  
*Jap J Allerg* 19:634-7, Aug 70 (Jap)  
ENGLISH ABSTRACT/ \*FACTOR XII, analysis/ \*FIBRINOLYSIS/ HUMAN/ \*PAIN/  
RAYNAUD'S DISEASE
14. Abe Y: [Pharmacological studies of adenosine 3',5'-monophosphate and related compounds. 1. Effects of adenosine 3',5'-monophosphate and N6-2'-O-dibutyryl 3',5'-adenosine monophosphate on the renal function]  
*Folia Pharmacol Jap* 65:161-75, 20 May 69 (Jap)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/  
BLOOD PRESSURE, drug effects/  
CHLORIDES, urine/ CREATININE, urine/  
DOGS/ ENGLISH ABSTRACT/ FEMALE/  
GLOMERULAR FILTRATION RATE/  
HEPARIN, pharmacodynamics/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ INULIN, diagnostic use/  
KIDNEY, blood supply/ \*KIDNEY, drug effects/ KIDNEY, physiology/ MALE/  
POTASSIUM, urine/ REGIONAL BLOOD FLOW, drug effects/ SODIUM, urine/ TIME FACTORS/ URINATION, drug effects/  
VASOPRESSIN, pharmacodynamics
15. Abeloff MD, Mangi RJ, Pretlow TG, et al: Isolation of leukemic blasts from peripheral blood by density gradient centrifugation.  
*J Lab Clin Med* 75:703-10, Apr 70  
BLOOD SEDIMENTATION/  
\*CENTRIFUGATION, DENSITY GRADIENT/  
FREEZING/ HEPARIN, administration & dosage/ HUMAN/ IN VITRO/ LEUKEMIA, blood/ LEUKOCYTE COUNT/ \*LEUKOCYTES, analysis/ METHODS/ TRY PAN BLUE
16. Abels J, Siblinga CT, Meyler L: Congenital hemorrhagic diathesis with deficiency of factor XIII. A case report and a family study.  
*Thromb Diath Haemorrh* 23:340-6, 1970  
ADULT/ BLOOD COAGULATION DISORDERS, complications/ \*BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/  
BLOOD TRANSFUSION/ EPILEPSY, complications/ \*FACTOR XIII/ FACTOR XIII, analysis/ FIBRINOGEN, analysis/  
HEMORRHAGE, etiology/ \*HEMORRHAGIC



# AUTHOR SECTION

- DIATHESIS, congenital/ HEMORRHAGIC  
DIATHESIS, familial & genetic/  
HEMORRHAGIC DIATHESIS, therapy/  
HUMAN/ IODOACETATES/ MALE/  
PEDIGREE/ THROMBELASTOGRAPHY
17. Abildgaard CF: The management of bleeding in hemophilia. *Advances Pediat* 16:365-90, 1969 (57 ref.)  
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CEREBRAL HEMORRHAGE, drug therapy/ EPISTAXIS, drug therapy/ FACTOR VIII, antagonists & inhibitors/ \*FACTOR VIII, therapeutic use/ HEMARTHROSIS, drug therapy/ HEMATURIA, drug therapy/ \*HEMOPHILIA/ HEMOPHILIA, diagnosis/ HEMOPHILIA, drug therapy/ HEMOPHILIA, surgery/ \*HEMORRHAGE, therapy/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, ORAL, drug therapy/ HUMAN/ REVIEW/ THROMBOPLASTIN/ WOUNDS AND INJURIES, drug therapy
  18. Abildgaard U: Binding of thrombin to antithrombin III. *Scand J Clin Lab Invest* 24:23-7, Aug 69  
ANIMAL EXPERIMENTS/ \*ANTITHROMBIN, metabolism/ CATTLE/ GEL FILTRATION/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ MOLECULAR WEIGHT/ THROMBIN, antagonists & inhibitors/ \*THROMBIN, metabolism
  19. Ablin RJ, Bronson P, Beutner EH: Immunochemical characterization of epithelial antigen(s) reactive with pemphigus-like antibodies of rabbit and human pemphigus autoantibodies.  
*J Hyg Epidemiol (Prague)* 13:321-9, 1969  
ANIMAL EXPERIMENTS/  
\*ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS, analysis/ \*AUTOANTIBODIES/  
CATTLE/ CHYMOTRYPSIN/ ESOPHAGUS, immunology/ GEL DIFFUSION TESTS/  
HUMAN/ IMMUNOCHEMISTRY/  
IMMUNOELECTROPHORESIS/ \*PEMPHIGUS, immunology/ PEPTIDES, analysis/ RABBITS/  
ULTRACENTRIFUGATION
  20. Aborg CH, Uvnäs B: Mode of binding of histamine and some other biogenic amines to a protamine-heparin complex in vitro. *Acta Physiol Scand* 74:552-67, Dec 68  
\*AMINES/ CARBON ISOTOPES/ CHEMISTRY/  
\*HEPARIN/ \*HISTAMINE/ IN VITRO/ ION EXCHANGE RESINS/ \*PROTAMINES/  
SODIUM
  21. Aboulker P, Benassayag E: La cure de l'hydrocèle vaginale par la technique de Lord.  
*J Urol Nephrol (Paris)* 76:582-4, Jun 70 (Fre)  
EDEMA, etiology/ HEMATOMA, etiology/  
HUMAN/ \*HYDROCELE, surgery/ MALE/  
METHODS/ POSTOPERATIVE  
COMPLICATIONS/ \*TESTICULAR DISEASES, surgery
  22. Aboulker P, Demaldent JE, Allard R: Anévrysme cirsoïde du cou. Intérêt de la jugulographie rétrograde.  
*Ann Otolaryng (Paris)* 86:486-90, Jul-Aug 69 (Fre)  
\*ANEURYSM/ ANEURYSM, etiology/  
ANEURYSM, radiography/ ANEURYSM, surgery/ ANGIOMATOSIS, complications/  
\*CAROTID ARTERY DISEASES, radiography/  
FEMALE/ HUMAN/ \*JUGULAR VEIN, radiography/ METHODS/ MIDDLE AGE/  
\*NECK/ PHLEBOGRAPHY
  23. Abouna GM, Boehmig HG, Serrou B, et al: Long-term hepatic support by intermittent multi-species liver perfusions. *Lancet* 2:391-6, 22 Aug 70  
ADULT/ ANTIBODY FORMATION/ APES/  
BILIRUBIN, blood/ BLOOD CELL COUNT/  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CATTLE/ EXCHANGE TRANSFUSION/ FACTOR V, analysis/  
FACTOR IX, analysis/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HEPATIC COMA, therapy/ \*HEPATITIS, INFECTION, therapy/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ \*LIVER/ LIVER, immunology/ LIVER, pathology/ LIVER FUNCTION TESTS/ LYMPHOCYTOSIS, etiology/ MALE/ MONKEYS/ NECROSIS/ \*PERFUSION/ RESPIRATORY INSUFFICIENCY, complications/ SPECIES SPECIFICITY/ SWINE
  24. Abrahams C, Levinson C: Ultrastructure of the renal papilla in experimentally induced analgesic nephritis in rats. *S Afr Med J* 44:63-5, 17 Jan 70  
\*ANALGESICS AND ANTIPIRETTICS/  
ANIMAL EXPERIMENTS/ ASPIRIN/ BLOOD PLATELETS/ CAFFEINE/ HEMATURIA, chemically induced/ \*KIDNEY, pathology/  
KIDNEY TUBULES, pathology/ MALE/  
MICROSCOPY, ELECTRON/ \*NEPHRITIS, chemically induced/ NEPHRITIS, pathology/  
PHENACETIN/ RATS
  25. Abrahamsen AF: Immunologisk betingede trombocytopenier.  
*T Norsk Laegeforen* 90:843-9, 1 May 70 (Nor)  
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ \*AUTOIMMUNE DISEASES/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ \*PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY
  26. Abrahamsen AF: Trombocytttransfusjon.  
*T Norsk Laegeforen* 89:1577-9, 15 Oct 69 (Nor)  
BLOOD GROUP INCOMPATIBILITY/ \*BLOOD PLATELET DISORDERS, therapy/ \*BLOOD PLATELETS/ \*BLOOD TRANSFUSION/  
ENGLISH ABSTRACT/ HUMAN
  27. Abrahamsen AF: Trombosefare ved bruk av orale antikonsepsjonsmidler.  
*T Norsk Laegeforen* 90:403-8, 15 Feb 70 (Nor)  
BLOOD COAGULATION, drug effects/  
\*CONTRACEPTIVES, ORAL, adverse effects/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
THROMBOPHLEBITIS, chemically induced/  
\*THROMBOSIS, chemically induced
  28. Abramovich DR, Francis W, Heisby CR: Two cases of ruptured aneurysm of splanchnic arteries in pregnancy with comment on the lesser sac syndrome.  
*J Obstet Gynaec Brit Comm* 76:1037-9, Nov 69  
ADULT/ \*ANEURYSM, complications/ COLON, blood supply/ FEMALE/ HEMATOMA/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ \*PUERPERAL DISORDERS, etiology/ RUPTURE/ \*SPLENIC ARTERY
  29. Abramson RK, Rucknagel DL, Shreffler DC, et al: Homozygous Hb J Tongariki: evidence for only one alpha chain structural locus in Melanesians. *Science* 169:194-6, 10 Jul 70  
AMINO ACIDS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CHYMOTRYPSIN/ ERYTHROCYTES, abnormalities/ \*GENES, STRUCTURAL/ GENETICS, POPULATION/  
\*HEMOGLOBINS, ABNORMAL, analysis/  
\*HOMOZYGOTE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MELANESIA/ PEDIGREE/  
\*PEPTIDES, analysis/ TRYPSIN
  30. Abruzzo JL, Heimer R, Giuliano V, et al: Thrombocytopenia, polypurpura, and an unusual 13S serum IgG component. *Amer J Med* 49:258-64, Aug 70  
ADULT/ ANTIBODY FORMATION/  
\*ARTHRITIS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ \*BLOOD VISCOSITY/  
CASE REPORT/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ \*GAMMA GLOBULIN, 7S/ HUMAN/ IMMUNOELECTROPHORESIS/  
IMMUNOGLOBULINS/ LATEX FIXATION TESTS/ MICROCIRCULATION/ MYOSITIS, drug therapy/ \*MYOSITIS, immunology/  
PREDNISONE, administration & dosage/  
\*RHEUMATOID FACTOR/ SYNOVITIS, drug therapy/ \*SYNOVITIS, immunology/  
ULTRACENTRIFUGATION



## AUTHOR SECTION

31. Acheson RM, Fairbairn AS: Burden of cerebrovascular disease in the Oxford area in 1963 and 1964. *Brit Med J* 2:621-6, 13 Jun 70  
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, mortality/ \*CEREBROVASCULAR DISORDERS, occurrence/ ENGLAND/ FEMALE/ HOME NURSING/ HOSPITALIZATION/ HUMAN/ LENGTH OF STAY/ MALE/ MARRIAGE/ MIDDLE AGE/ SEX FACTORS/ WALES
32. Acosta Bendek E: Empleo de la asociación de antibiótico con enzimas proteolíticas en la infección pleviana post-aborto. *Ginec Obstet Mex* 27:297-305, Mar 70 (Spa)  
\*ABORTION, complications/ \*ADNEXAL DISEASES, drug therapy/ ADNEXAL DISEASES, etiology/ ADOLESCENCE/ ADULT/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ \*PEPTIDE HYDROLASES, therapeutic use/ PREGNANCY/ TETRACYCLINE, administration & dosage/ \*TETRACYCLINE, therapeutic use
33. Adachi M, Suzuki M, Kennedy JH: Preoperative coating of velour-lined circulatory assist devices with a fibrin coagulum membrane (FCM). *Trans Amer Soc Artif Intern Organs* 16:7-11, 1970  
ANIMAL EXPERIMENTS/ ASCITIC FLUID, cytology/ \*ASSISTED CIRCULATION, instrumentation/ BONE MARROW CELLS/ CATTLE/ DOGS/ \*FIBRIN/ GRANULATION TISSUE, growth & development/ \*MEMBRANES/ METHODS/ MUSCLES, growth & development/ NYLON/ POLYMERS/ \*PROSTHESIS/ SILICONES/ THROMBOSIS, prevention & control/ \*TISSUE CULTURE/ VEINS, growth & development
34. Adam D: Über Zusammenhänge zwischen Pathogenität und Ureaseaktivität bei koagulasen negativen Staphylokokken (*Staphylococcus albus*) *Zbl Bakt [Orig]* 210:149-57, Jun 69 (Ger)  
COAGULASE/ CULTURE MEDIA/ ENGLISH ABSTRACT/ FISHES/ HUMAN/ PHOSPHATASES, metabolism/ \*STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, pathogenicity/ UREASE, analysis/ \*UREASE, metabolism
35. Adam W: Die Bestimmung der Thrombozytenlebenszeit mit Radiolotopn. *Fortschr Roentgenstr* 111:669-74, Nov 69 (Ger)  
ADULT/ \*BLOOD PLATELETS, physiology/ CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ \*ISOFLUORPHATE, diagnostic use/ MALE/ PHOSPHORUS ISOTOPES/ STATISTICS/ THROMBOPENIA, blood/ THROMBOPENIA, physiopathology
36. Adam W, Heimpel H, Kratt E: Die Bestimmung der Thrombozytenlebenszeit mit <sup>51</sup>Cr. II. Untersuchungen über die Lebenszeit autologer Thrombozyten bei Patienten mit ausgeprägter Thrombozytopenie. *Blut* 21:9-19, Jul 70 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, PERNICIOUS, blood/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION/ BONE MARROW DISEASES, blood/ CHROMIUM ISOTOPES/ ERYTHREMIC MYELOSIS, blood/ FEMALE/ HUMAN/ LEUKEMIA, blood/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, blood/ RADIOMETRY/ THALASSEMIA, blood/ \*THROMBOPENIA, blood
37. Adam YG, Huvos AG, Fortner JG: Giant hemangiomas of the liver. *Ann Surg* 172:239-45, Aug 70  
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, pathology/ HEMANGIOMA, radiotherapy/ \*HEMANGIOMA, surgery/ HUMAN/ INFANT/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, radiotherapy/ \*LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE
38. Adams CW, Bayliss OB: The relationship between diffuse intimal thickening, medial enzyme failure and intimal lipid deposition in various human arteries. *J Atheroscler Res* 10:327-39, Nov-Dec 69  
\*ADENOSINE TRIPHOSPHATASE, metabolism/ AORTA/ ARTERIES, enzymology/ \*ARTERIES, pathology/ \*ARTERIOSCLEROSIS, metabolism/ AXILLARY ARTERY/ BRACHIAL ARTERY/ CAROTID ARTERIES/ CEREBRAL ARTERIES/ CHOLESTEROL, metabolism/ CORONARY VESSELS/ ELASTIC TISSUE/ EPITHELIUM/ FATTY STREAK, ARTERIAL/ FEMORAL ARTERY/ HISTOCYTOCHEMISTRY/ HUMAN/ \*LIPIDS, metabolism/ MUSCLE, SMOOTH/ \*OXIDOREDUCTASES, metabolism/ POPLITEAL ARTERY
39. Adams CW, Hallpike JF: Lipid-protein relationships in normal and degenerating myelin. *Neuropat Pol* 7:217-24, Jul-Sep 69  
HISTOCYTOCHEMISTRY/ HUMAN/ \*LIPIDS, analysis/ MULTIPLE SCLEROSIS, enzymology/ \*MYELIN SHEATH, analysis/ MYELIN SHEATH, drug effects/ \*MYELIN SHEATH, enzymology/ NERVE DEGENERATION/ \*NERVE TISSUE PROTEINS, analysis/ TRYPSIN, pharmacodynamics
40. Adams GH, Schumaker VN: Polydispersity of human low-density lipoproteins. *Ann NY Acad Sci* 164:130-46, 7 Nov 69  
CHEMISTRY, PHYSICAL/ DIET/ DIETARY FATS/ DIETARY PROTEINS/ HEPARIN, pharmacodynamics/ HUMAN/ \*LIPOPROTEINS/ LIPOPROTEINS, physiology/ MOLECULAR WEIGHT/ STARVATION/ ULTRACENTRIFUGATION
41. Adams JH, Mitchell JR, Sopitt GD: Effect of oral contraceptives on lipoprotein lipase activity and platelet stickiness. *Lancet* 2:333-5, 15 Aug 70  
ADOLESCENCE/ ADULT/ \*BLOOD PLATELETS, drug effects/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ \*LIPOPROTEIN LIPASE, blood/ PLATELET ADHESIVENESS, drug effects/ PROGESTATIONAL HORMONES, pharmacodynamics
42. Adamski S, Furman M, Doroszkiewicz H: Aktywność fibrynolizy krwi podczas resekcji tkanki płucnej. *Przegl Lek* 25:533-5, 1969 (Pol)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN/ \*PNEUMONECTOMY/ \*SHOCK, SURGICAL, complications
43. Addanki S, Sotos JF: Observations on intramitochondrial pH and ion transport by the 5,5-dimethyl 2,4-oxazolidinedione (DMO) method. *Ann NY Acad Sci* 147:756-804, 31 Oct 69  
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ \*ELECTRON TRANSPORT/ ETHERS, CYCLIC, pharmacodynamics/ HISTOCYTOCHEMISTRY/ \*HYDROGEN-ION CONCENTRATION/ IN VITRO/ MATHEMATICS/ METHODS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE, drug effects/ \*MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ MYOCARDIUM, metabolism/ \*OXAZOLES/ OXYGEN CONSUMPTION/ OXYGEN ISOTOPES/ PEPTIDE HYDROLASES/ PERMEABILITY/ POTASSIUM, metabolism/ SOLUBILITY/ STIMULATION, CHEMICAL/ SUCCINATES, metabolism/ TROMETHAMINE/ VIBRATION/ WATER
44. Adeloye A, Seriki O, Luzzatto L, et al: Intracranial ventricular haemorrhage as a first presentation of haemophilia. A case of successful surgical management. *J Neurol Neurosurg Psychiat* 32:470-3, Oct 69



## AUTHOR SECTION

- \*CEREBRAL HEMORRHAGE, etiology/  
\*CEREBRAL HEMORRHAGE, surgery/  
CEREBRAL VENTRICLES, pathology/  
\*CEREBRAL VENTRICLES, surgery/  
CEREBROSPINAL FLUID SHUNTS/  
\*HEMOPHILIA, complications/ HEMOSTASIS/  
HUMAN/ INFANT/ MALE/ NIGERIA/  
VENTRICULOGRAPHY
45. Adelstein RS, Kuehl WM: Structural studies on rabbit skeletal actin. I. Isolation and characterization of the peptides produced by cyanogen bromide cleavage. *Biochemistry (Wash)* 9:1355-64, 17 Mar 70  
ALKYLATION/ AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ AUTOANALYSIS/  
CARBON ISOTOPES/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ CYANIDES/  
GEL FILTRATION/ HISTIDINE, analysis/  
IODOACETATES/ METHIONINE/ METHODS/  
MOLECULAR WEIGHT/ \*MUSCLE PROTEINS/  
OXIDATION-REDUCTION/ PEPTIDE  
HYDROLASES/ \*PEPTIDES/ PEPTIDES,  
analysis/ PEPTIDES, isolation & purification/  
RABBITS/ SULFIDES/ SULFOXIDES/  
TRITIUM/ TRYPSIN
46. Adgey AA: Prognosis after early discharge from hospital of patients with acute myocardial infarction. *Brit Heart J* 31:750-2, Nov 69  
ADULT/ AGED/ ANTICOAGULANTS,  
therapeutic use/ FEMALE/ FOLLOW-UP  
STUDIES/ HEART FAILURE, CONGESTIVE,  
complications/ \*HOSPITALIZATION/ HUMAN/  
MALE/ MIDDLE AGE/ MYOCARDIAL  
INFARCT, complications/ \*MYOCARDIAL  
INFARCT, therapy/ PROGNOSIS/  
THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, drug therapy/ TIME  
FACTORS
47. Adhikari PC, Chatterjee SN, Chatterjee JB: Effect of anticoagulants on the ultrastructure of normal human platelets. *Indian J Med Res* 57:2083-6, Nov 69  
\*ANTICOAGULANTS, pharmacodynamics/  
BLOOD PLATELETS, cytology/ \*BLOOD  
PLATELETS, drug effects/ HUMAN/  
MICROSCOPY, ELECTRON
48. Adler M, Gortvai G, Adamovits Z: Tartós anticoagulans kezeléssel szerzett újabb tapasztalataink gondozási munkánk kapcsán. *Orv Hetil* 110:2287-9, 28 Sep 69 (Hun)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/  
AGED/ AMBULATORY CARE/ \*EMBOLISM,  
drug therapy/ FEMALE/ HEMORRHAGE,  
etiology/ HUMAN/ HUNGARY/ MALE/  
MIDDLE AGE/ \*MYOCARDIAL INFARCT,  
drug therapy/ PHYSICIAN-PATIENT  
RELATIONS/ SOCIOECONOMIC FACTORS/  
\*THROMBOSIS, drug therapy
49. Adloff M, Kohler JJ: La place de la vagotomie dans le traitement des hémorragies ulcéreuses massives. *Presse Med* 77:1813-4, 22 Nov 69 (Fre)  
ADULT/ AGED/ GASTRECTOMY/  
HEMOSTASIS/ HUMAN/ MALE/ MIDDLE  
AGE/ PEPTIC ULCER, surgery/ \*PEPTIC  
ULCER HEMORRHAGE, surgery/ \*VAGOTOMY
50. Adner MM, Kauff RE, Sherman JD: Purpura fulminans in a child with pneumococcal septicemia two years after splenectomy. *JAMA* 213:1681-3, 7 Sep 70  
BLOOD COAGULATION/ BLOOD PLATELETS/  
CASE REPORT/ CHILD, PRESCHOOL/  
DISSEMINATED INTRAVASCULAR  
COAGULATION, complications/  
DISSEMINATED INTRAVASCULAR  
COAGULATION, etiology/ HEPARIN,  
therapeutic use/ HUMAN/ MALE/  
PENICILLIN, therapeutic use/  
\*PNEUMOCOCCAL INFECTIONS,  
complications/ PROTHROMBIN TIME/  
PURPURA, drug therapy/ PURPURA,  
etiology/ \*PURPURA, etiology/ PURPURA,  
THROMBOPENIC, drug therapy/ PURPURA,  
THROMBOPENIC, surgery/ \*SEPTICEMIA,  
complications/ \*SPLENECTOMY, adverse  
effects/ TRIAMCINOLONE, therapeutic use
51. Ado VA: Ob immunologicheskoi tolerantnosti i spetsificheskoy podavlenii allergicheskogo kontaktnogo 2,4-dinitrokhlorbenzolovogo dermatita kon'ugatsii v ékspimente. *Gig Tr Prof Zabol* 14:15-9, Jun 70 (Rus)  
ANIMAL EXPERIMENTS/ \*BENZENE  
DERIVATIVES/ DERMATITIS, CONTACT,  
immunology/ \*DERMATITIS, CONTACT,  
prevention & control/ \*DINITROPHENOLS,  
therapeutic use/ ENGLISH ABSTRACT/  
\*FIBRINOGEN, therapeutic use/ \*GAMMA  
GLOBULIN, therapeutic use/ GUINEA PIGS
52. Ado VA: Ob immunologicheskoi tolerantnosti morskikh svinok k soedineniyam dinitrofenola s syvorotochnymi belkami. *Vestn Derm Vener* 44:44-7, May 70 (Rus)  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,  
pharmacodynamics/ \*BLOOD PROTEINS,  
pharmacodynamics/ \*DINITROPHENOLS,  
pharmacodynamics/ ENGLISH ABSTRACT/  
FIBRINOGEN, pharmacodynamics/ GUINEA  
PIGS/ \*IMMUNE TOLERANCE
53. Ado VA, Podkoizn AA, Goriachkina LA: Ob immunologicheskoi tolerantnosti u morskikh svinok k kontaktnomu dermatitu, vyzvannomu 2,4-dinitrokhlorbenzolem i soedineniyami dinitrofenola s belkom. *Arkhh Pat* 32:22-6, 1970 (Rus)  
ANIMAL EXPERIMENTS/ \*DERMATITIS,  
CONTACT, immunology/ DERMATITIS,  
CONTACT, pathology/ DERMATITIS,  
CONTACT, prevention & control/  
DINITROPHENOLS/ DISEASE MODELS,  
ANIMAL/ ENGLISH ABSTRACT/  
FIBRINOGEN/ GAMMA GLOBULIN/ GUINEA  
PIGS/ HYDROCARBONS, HALOGENATED/  
\*IMMUNE TOLERANCE/ METHODS/ SKIN,  
pathology
54. Adson MA: Portal decompression in the problematic patient. *Surg Clin N Amer* 49:991-7, Oct 69  
ASCITES, etiology/ BLOOD COAGULATION  
DISORDERS, etiology/ EMERGENCIES/  
\*ESOPHAGEAL VARICES, surgery/  
\*HEMORRHAGE, GASTROINTESTINAL,  
surgery/ HEPATIC COMA/ HUMAN/  
JAUNDICE, etiology/ \*LIVER CIRRHOSIS,  
complications/ \*PORTACAVAL ANASTOMOSIS/  
WATER-ELECTROLYTE BALANCE
55. Agapova EN, Krutovskaya OV, Mikhailovskaya IG: Koagulyatsionnye svoystva krovi i fibrinoliticheskaya aktivnost' u bol'nykh koronarnym aterosklerozom pri kursovom lechenii vetrazinom. *Kardiologiya* 8:130-2, Dec 68 (Rus)  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/ CORONARY  
DISEASE, blood/ \*CORONARY DISEASE, drug  
therapy/ \*FIBRINOLYSIS, drug effects/  
HUMAN/ \*HYDRAZINES, therapeutic use/  
\*MONOAMINE OXIDASE INHIBITORS,  
therapeutic use
56. Agarwal D, Hussain QZ, Agarwal KN, et al: Congenital afibrinogenemia. Report of a case. *Indian J Pediat* 37:66-8, Feb 70  
\*AFIBRINOGENEMIA, congenital/  
AFIBRINOGENEMIA, diagnosis/ BLOOD  
COAGULATION TESTS/ CASE REPORT/  
FEMALE/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ PREGNANCY
57. Aggeler PM: Von Willebrand's disease. *Calif Med* 111:143-5, Aug 69  
FACTOR VIII, diagnostic use/ \*VON  
WILLEBRAND'S DISEASE, diagnosis
58. Agle DP, Mattsson A: Psychiatric factors in hemophilic methods of parental adaptation. *Bibl Haemat* 34:89-94, 1970  
\*ADAPTATION, PSYCHOLOGICAL/  
DISSOCIATIVE REACTION/ FEMALE/  
\*HEMOPHILIA/ HUMAN/ MALE/  
MOTHER-CHILD RELATIONS/ PARENT-CHILD  
RELATIONS/ \*PARENTS
59. Agle DP, Ratnoff OD, Spring GK: The anticoagulant malingering. Psychiatric studies of three patients. *Ann Intern Med* 73:67-72, Jul 70



## AUTHOR SECTION

- ADULT/ ANTIDEPRESSIVE AGENTS, therapeutic use/ \*BISHYDROXYCOUMARIN, adverse effects/ FEMALE/ \*HEMORRHAGE, chemically induced/ HUMAN/ HYSTERIA/ \*MALINGERING/ MASOCHISM/ NEUROSES, ANXIETY, therapy/ NEUROSES, OBSESSIVE-COMPULSIVE/ PSYCHOPATHOLOGY/ TRANQUILIZING AGENTS, therapeutic use/ VITAMIN K, therapeutic use
60. Agneray H, Parquet P, Wyremblewski F, et al: Apport de l'échographie associé à l'électroencéphalographie dans le diagnostic des hématomes cérébraux. *Rev Neurol (Paris)* 121:265, Sep 69 (Fre)  
BRAIN DISEASES, diagnosis/  
\*ECHOENCEPHALOGRAPHY/  
\*ELECTROENCEPHALOGRAPHY/  
\*HEMATOMA, diagnosis/ HEMATOMA, EPIDURAL, diagnosis/ HEMATOMA, SUBDURAL, diagnosis/ HUMAN
61. Agneray H, Parquet P, Wyremblewski F, et al: Use of echography with EEG in the diagnosis of cerebral haematomas. *Electroenceph Clin Neurophysiol* 28:646, Jun 70  
\*BRAIN DISEASES, diagnosis/  
\*ECHOENCEPHALOGRAPHY/  
\*ELECTROENCEPHALOGRAPHY/  
\*HEMATOMA, diagnosis/ HEMATOMA, EPIDURAL, diagnosis/ HEMATOMA, SUBDURAL, diagnosis/ HUMAN
62. Agnese G, Parodi E: Impiego dell'analisi discriminante per l'utilizzazione di alcuni esami di laboratorio nelle diagnosi di ischemia ed infarto del miocardio. II. *G Ig Med Prev* 9:21-30, Jan-Mar 68 (Ita)  
ALANINE AMINOTRANSFERASE, blood/  
ASPARTATE AMINOTRANSFERASE, blood/  
BLOOD SUGAR, analysis/ CHOLESTEROL, blood/  
\*CORONARY DISEASE, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MATHEMATICS/  
\*MYOCARDIAL INFARCT, diagnosis/  
PROTHROMBIN TIME
63. Agostino D: Enhancement of pulmonary metastases following the intravenous infusion of a suspension of ellagic acid. *Tumori* 56:29-37, Jan-Feb 70  
ANIMAL EXPERIMENTS/ \*BENZOPYRANS, pharmacodynamics/ \*BLOOD COAGULATION FACTORS, pharmacodynamics/ \*LUNG NEOPLASMS/ \*NEOPLASM METASTASIS/ \*NEOPLASMS, EXPERIMENTAL/ RATS
64. Agostoni A, Vergani C, Stabilini R, et al: Immunochemical quantitation of acute phase reactive proteins in myocardial infarction. *Amer Heart J* 80:313-8, Sep 70  
ACUTE DISEASE/ \*BETA GLOBULIN, analysis/ FEMALE/ GEL DIFFUSION TESTS/  
\*GLYCOPROTEINS, blood/ \*HAPTOGLOBINS, analysis/ HUMAN/ MALE/ \*MYOCARDIAL INFARCT, blood/ \*TRYPSIN INHIBITORS, blood
65. Agrawal RL, Misra MK: Volvulus of the small intestine in Northern India. *Amer J Surg* 120:366-70, Sep 70  
ADHESIONS, complications/ ADHESIONS, congenital/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BODY CONSTITUTION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INDIA/ INFANT/ INFANT, NEWBORN/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, occurrence/ INTESTINAL OBSTRUCTION, radiography/ \*INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ OCCUPATIONS/ RELIGION/ RESIDENCE CHARACTERISTICS/ SEASONS/ SEX FACTORS
66. Agren A, Elofsson R, Meresaar U, et al: Complex formation between macromolecules and drugs. 3. A study of the influence of ionic strength and pH. Binding between Aptin, nortriptyline, sulfamethizole or tripeleamine and serum albumin, poly-arginine, poly-lysine, poly-ornithine, protamine or dextran sulfate. *Acta Pharm Suec* 7:105-12, Apr 70  
AMINO ACIDS/ ANILINE COMPOUNDS/  
\*BINDING SITES/ DEXTRAN/  
HYDROGEN-ION CONCENTRATION/  
\*MACROMOLECULAR SYSTEMS/  
NORTRIPTYLINE/ PROTAMINES/ SERUM ALBUMIN/ SULFAMETHIZOLE/  
TRIPLELENAME
67. Agrest A, Sanchez Avalos JC, Arce M, et al: Fiebre hemorrágica argentina y coagulopatía por consumo. *Medicina (B Air)* 29:194-201, May-Jun 69 (Spa)  
ADULT/ \*BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ ENGLISH ABSTRACT/ \*EPIDEMIC HEMORRHAGIC FEVER, complications/  
FEMALE/ HUMAN
68. Agresti A, Ferulano O, Ferrara F: Osservazioni sull'azione antitromboplastica ed antilemmoragica degli antienzimi in varie condizioni patologiche. *Rass Int Clin Ter* 48:339-46, 31 Mar 68 (Ita)  
\*HEMORRHAGE, drug therapy/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*NEOPLASMS, complications/  
\*THROMBOPLASTIN, antagonists & inhibitors
69. Ahlberg A: Orthopaedic surgery in bleeders. *Bibl Haemat* 34:170-6, 1970  
ACHILLES TENDON, surgery/  
AMINOCAPROIC ACID, therapeutic use/  
ANKLE, surgery/ BLOOD COAGULATION TESTS/ FACTOR VIII, therapeutic use/  
FRACTURE FIXATION/ \*HEMOPHILIA/ HUMAN/ KNEE, surgery/ MALE/  
\*ORTHOPEDECS/ \*OSTEOTOMY/ RADIUS FRACTURES, surgery
70. Aho AJ, Grönroos M: Intestinal obstruction with a gynaecological aetiology. *Ann Chir Gynaec Fenn* 58:90-5, 1969  
\*ADHESIONS, complications/ ADHESIONS, etiology/ ADNEXAL DISEASES, surgery/  
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ \*INTESTINAL OBSTRUCTION, etiology/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/  
PREGNANCY, ECTOPIC/ SURGERY, OPERATIVE, adverse effects/ UTERINE DISEASES, surgery/ UTERINE NEOPLASMS, surgery
71. Ahrens RA, Broxton MH: The effects of various physical activity levels and dietary carbohydrate source on rat cholesterol levels. *Proc Soc Exp Biol Med* 134:1043-6, Sep 70  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, etiology/ BODY WEIGHT/ \*CHOLESTEROL, blood/ \*DIET, ATHEROGENIC/ \*DIETARY CARBOHYDRATES/ \*EXERTION/  
INTESTINES, pathology/ MALE/ RATS/  
STAINS AND STAINING
72. Ahrons S, Glavind-Kristensen S, Drachmann O, et al: Severe reactions after cryoprecipitated human factor VIII. *Vox Sang* 18:182-4, Feb 70  
ADULT/ \*ANAPHYLAXIS, etiology/  
ANTI-HISTAMINICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ \*FACTOR VIII, adverse effects/ \*FEVER, etiology/ HEMOPHILIA, drug therapy/ HEMORRHAGE, prevention & control/ HUMAN/ \*HYPOTENSION, etiology/  
MALE/ PULSE/ RESPIRATION, ARTIFICIAL/  
\*URTICARIA, etiology
73. Ahtee L, Tuomisto J, Solatunturi E, et al: Effect of some phenothiazine derivatives and related agents on the accumulation and distribution of 5-hydroxytryptamine in blood platelets. *Ann Med Exp Biol Fenn* 46:429-34, 1968  
AMITRIPTYLINE, pharmacodynamics/ \*BLOOD PLATELETS, metabolism/ CHLORPROMAZINE, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ METHODS/  
\*PHENOTHIAZINES, pharmacodynamics/  
PROMETHAZINE, pharmacodynamics/  
\*SEROTONIN, metabolism
74. Ahuja GL, Willoughby ML, Kerr MM, et al: Massive subaponeurotic haemorrhage in infants born by vacuum extraction. *Brit Med J* 3:743-5, 27 Sep 69



## AUTHOR SECTION

- BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ \*CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, prevention & control/ \*EXTRACTION, OBSTETRICAL, adverse effects/ FEMALE/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, etiology/ INJECTIONS, INTRAMUSCULAR/ PREGNANCY/ STATISTICS/ VITAMIN K, administration & dosage
75. Aihara M: [Tumor of the left cheek] Jap J Clin Path 18:39-40, Jan 70 (Jap)  
CASE REPORT/ CHEEK, pathology/ CHIN, pathology/ \*FACIAL NEOPLASMS, pathology/ FEMALE/ \*HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT
76. Aiken JW, Vane JR: The renin-angiotensin system: Inhibition of converting enzyme in isolated tissues. Nature (London) 228:30-4, 3 Oct 70  
ANGIOTENSIN, pharmacodynamics/ \*ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ AORTA, THORACIC, physiology/ AXILLARY ARTERY/ BIOLOGICAL ASSAY/ CAROTID ARTERIES/ CATS/ CELIAC ARTERY/ COLON, physiology/ FEMORAL ARTERY/ GUINEA PIGS/ IN VITRO/ LUNG, enzymology/ MUSCLE CONTRACTION/ \*MUSCLE, SMOOTH, drug effects/ MUSCLE, SMOOTH, enzymology/ MUSCLE, SMOOTH, physiology/ \*PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ \*PEPTIDES, pharmacodynamics/ PULMONARY ARTERY, physiology/ RABBITS/ RATS/ RENAL ARTERY/ SNAKES/ VENOMS, pharmacodynamics
77. Aizenberg AA, Gritsiuk AI: Vliianie malykh doz geparina v kompleksnom lechenii bol'nykh revmokarditom na sostoianie svertyvalushchei i fibrinoliticheskoi sistem krovi. Sovet Med 32:33-9, Feb 69 (Rus)  
ADRENAL CORTEX HORMONES, therapeutic use/ \*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug effects/ HEPARIN, pharmacodynamics/ \*HEPARIN, therapeutic use/ HUMAN/ \*RHEUMATIC HEART DISEASE, drug therapy/ SALICYLIC ACID, therapeutic use
78. Akasu F: [Conservative therapy of uterine myoma] Sanfujin Jissai 18:585-8, Jul 69 (Jap)  
FEMALE/ HUMAN/ \*MYOMA, therapy/ PROPIONATES, therapeutic use/ TESTOSTERONE, therapeutic use/ \*UTERINE NEOPLASMS, therapy/ VITAMIN K, therapeutic use
79. Akerblom O, Jameson S, Högman CF, et al: Autologous transfusions in uraemic patients. Lancet 2:385-7, 22 Aug 70  
ADULT/ BLOOD DONORS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ \*BLOOD TRANSFUSION/ CREATININE, blood/ FEMALE/ HEMODIALYSIS/ HEMOGLOBIN, analysis/ HUMAN/ KIDNEY, transplantation/ MALE/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS/ \*UREMIA, therapy
80. Akerman M: La photo-scintigraphie cérébrale au pertechnétate de 99m Technétium. Presse Med 78:937-44, 22 Apr 70 (Fre)  
ANGIOMA, SCLEROSING, diagnosis/ ASTROCYTOMA, diagnosis/ BRAIN/ \*BRAIN NEOPLASMS, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ CRANIOPHARYNGIOMA, diagnosis/ HEMATOMA, SUBDURAL, diagnosis/ HUMAN/ METHODS/ NEURILEMMOMA, diagnosis/ PITUITARY NEOPLASMS, diagnosis/ \*RADIOISOTOPE SCANNING/ RADIOISOTOPE SCANNING, adverse effects/ TECHNETIUM, diagnostic use
81. Akhundova AM, Abdullaev MM: Vliianie splenektomii na sostoianie svertyvalushchei sistemy i fibrinoliticheskulu aktivnost' krovi u bol'nykh vrozhdennoi mikrosferotsitarnoi gemoliticheskoi anemiei. Probl Gemat 13:18-20, Apr 68 (Rus)  
\*ANEMIA, HEMOLYTIC, CONGENITAL, surgery/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS/ HUMAN/ \*SPLENECTOMY
82. Akzhigitov GN, Kargashin IA: Proteoliticheskaya antiproteoliticheskaya aktivnost' krovi bol'nykh ostrym pankreatitom i kholepankreatitom. Ter Arkh 41:94-8, Nov 69 (Rus)  
ACUTE DISEASE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*PANCREATITIS, blood/ PANCREATITIS, complications/ PANCREATITIS, diagnosis/ PANCREATITIS, enzymology/ PANCREATITIS, etiology/ PROGNOSIS/ \*TRYPSIN, blood/ \*TRYPSIN INHIBITORS, blood
83. Ala-Adini S, Stüttgen G: Beeinflussung der Wirkung epicutan applizierten Trypsins durch Trypsininhibitor und dermatologische Vorbehandlung der menschlichen Haut in vivo. Arch Klin Exp Derm 238:97-106, 1970 (Ger)  
COAL TAR, pharmacodynamics/ \*DERMATOLOGIC AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ ERYTHEMA, chemically induced/ HUMAN/ INJECTIONS, INTRADERMAL/ INJECTIONS, SUBCUTANEOUS/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ NOREPINEPHRINE, pharmacodynamics/ PETROLATUM, pharmacodynamics/ PREMEDICATION/ \*SKIN, drug effects/ TRIAMCINOLONE, pharmacodynamics/ \*TRYPSIN, adverse effects/ ULTRAVIOLET RAYS
84. Alagille MD: Examen d'un malade porteur d'un trouble constitutionnel de l'hémostase. Bordeaux Med 3:1055-6 passim, Apr 70 (Fre)  
\*BLOOD COAGULATION DISORDERS, diagnosis/ \*BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ HEMOSTASIS/ HUMAN/ PHYSICAL EXAMINATION
85. Alánt O, Alexy G: Erfahrungen mit gezielter prophylaktischer Antikoagulantbehandlung bei 655 operierten Kranken. Acta Chir Acad Sci Hung 10:139-50, 1969 (Ger)  
ACENOCOUMAROL, therapeutic use/ AGED/ \*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ ETHYL BISCOUMACETATE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PROTHROMBIN, analysis/ THROMBOEMBOLISM, mortality/ \*THROMBOEMBOLISM, prevention & control/ WARFARIN, therapeutic use
86. Alarcon H: Perfusión oclótica y fibrinógeno. Rev Chile Obstet Ginec 34:272-5, 1969 (Sp)  
BLOOD COAGULATION DISORDERS, chemically induced/ FEMALE/ \*FIBRINOGEN, analysis/ HUMAN/ \*LABOR, INDUCED, adverse effects/ OXYTOCIN, administration & dosage/ \*OXYTOCIN, adverse effects/ \*PERFUSION
87. Alatas H, Iskandar W, Markum AH: Christmas disease associated with prothrombin deficiency and thrombasthenia. Paediat Indones 9:117-22, May-Jun 69  
\*BLOOD COAGULATION DISORDERS/ BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, complications/ CASE REPORT/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, blood/ \*CHRISTMAS DISEASE, complications/ FEMALE/ HUMAN/ \*PROTHROMBIN, blood/ PROTHROMBIN TIME
88. Albats EI, Romanovich AS, Sternin IM: Gemangioperitsitoma nosoglotki u rebenka 4 let. Vestn Otorinolaring 31:102, Mar-Apr 69 (R)  
CASE REPORT/ CHILD, PRESCHOOL/



## AUTHOR SECTION

- \*HEMANGIOPERICYTOMA/ HUMAN/ MALE/  
\*NASOPHARYNGEAL NEOPLASMS
89. Albert DJ, Persky L: A simple declotting device for arteriovenous shunts. J Urol 103:9-10, Jan 70  
\*ARTERIOVENOUS SHUNT, SURGICAL/  
\*ARTERIOVENOUS SHUNT, SURGICAL,  
adverse effects/ \*BLOOD COAGULATION/  
\*CATHETERIZATION, instrumentation/  
HEMODIALYSIS, instrumentation/ HUMAN/  
\*IRRIGATION, instrumentation/ \*SYRINGES
90. Albert DJ, Zimmerman TS, Mahoney SA, et al: Hemophilia, (Factor VIII deficiency) hematuria and urological intervention. J Urol 103:421-4, Apr 70  
ADENOCARCINOMA, surgery/ ADULT/  
\*FACTOR VIII, therapeutic use/ HEMATOMA,  
radiography/ \*HEMATURIA, drug therapy/  
\*HEMOPHILIA, drug therapy/ HEMORRHAGE,  
drug therapy/ HUMAN/ KIDNEY, pathology/  
KIDNEY NEOPLASMS, radiotherapy/ KIDNEY  
NEOPLASMS, surgery/ MALE/ MIDDLE AGE/  
NEPHRECTOMY/ PRECIPITATION/ UROLOGY
91. Albert HH von: Das Symptom "Kopfschmerz" aus neurologisch-neurochirurgischer Sicht.  
Z Allgemeinmed 45:1244-50, 30 Sep 69 (Ger)  
ANALGESICS AND ANTIPYRETICS,  
therapeutic use/ ANGIOMATOSIS,  
complications/ BRAIN NEOPLASMS,  
complications/ CEREBRAL ANEURYSM,  
complications/ ECHOENCEPHALOGRAPHY/  
ELECTROENCEPHALOGRAPHY/ FEMALE/  
HEADACHE, drug therapy/ \*HEADACHE,  
etiology/ HUMAN/ INTRACRANIAL  
PRESSURE/ MALE/ MIGRAINE, drug therapy/  
SKULL, radiography
92. Alberti C, Piacentini L, Tosi GC: Sperimentazione sequenziale di una terapia antibiotico-enzimatica (associazione di tetraciclina HCl con proteasi pancreatiche) in affezioni genito-urinarie.  
Minerva Urol 22:23-6, Jan-Feb 70 (Ita)  
\*CHYMOTRYPSIN, therapeutic use/  
COMPARATIVE STUDY/ ENGLISH  
ABSTRACT/ HUMAN/ \*TETRACYCLINE,  
therapeutic use/ \*TRYPSIN, therapeutic use/  
\*UROLOGIC DISEASES, drug therapy
93. Alberto P, Maurice PA: Résultats à long terme du traitement de la polycythémie vraie par le busulphan (Myléran) ou le dibromomannitol (Myélobromol): analyse de quatre cas suivis et traités pendant plus de sept ans. Praxis 58:1211-6, 23 Sep 69 (Fre)  
AGED/ ANTINEOPLASTIC AGENTS,  
administration & dosage/ \*BUSULFAN,  
administration & dosage/ BUSULFAN, adverse  
effects/ ENGLISH ABSTRACT/ FEMALE/  
FOLLOW-UP STUDIES/ HUMAN/  
LEUKOPENIA, chemically induced/ LONG  
TERM CARE/ \*MANNITOL, administration &  
dosage/ MANNITOL, adverse effects/ MIDDLE  
AGE/ \*POLYCYTHEMIA VERA, drug therapy/  
THROMBOPENIA, chemically induced
94. Al'bova GE: Oredkoï forme infektsionno-allergicheskogo vaskulita.  
Probl Gemat 14:57-8, Oct 69 (Rus)  
ADULT/ CASE REPORT/ FEMALE/ HUMAN/  
\*HYPERSENSITIVITY/ INFECTION/  
INFLAMMATION/ \*PURPURA,  
THROMBOPENIC/ \*VASCULAR DISEASES
95. Albrecht E, Albrecht H: Altérations métaboliques et études hématologiques à des altitudes allant jusqu'à 6.200 m. Possibilités de traçage,emt.  
Agressologie 11:163-71, Mar 70 (Fre)  
\*ACCLIMATIZATION/ \*ALTITUDE/  
ANABOLIC STEROIDS, pharmacodynamics/  
\*BLOOD CELLS/ ENGLISH ABSTRACT/  
\*ENZYMES, blood/ HUMAN/ PROTHROMBIN  
TIME/ VITAMINS, pharmacodynamics
96. Albrecht P, Schumacher HP: Viability and infectivity of measles virus-infected nervous tissue frozen in cryoprotective medium.  
Appl Microbiol 20:160-3, Jul 70  
ANIMAL EXPERIMENTS/ \*BRAIN/  
CRYOPROTECTIVE AGENTS/ CULTURE  
MEDIA/ DIAGNOSIS, DIFFERENTIAL/  
\*DIMETHYL SULFOXIDE, pharmacodynamics/  
DISEASE MODELS, ANIMAL/ ENCEPHALITIS,  
diagnosis/ \*FREEZING/ HAMSTERS/  
MEASLES, diagnosis/ \*MEASLES VIRUS/  
MEASLES VIRUS, growth & development/  
MEASLES VIRUS, isolation & purification/  
MEASLES VIRUS, pathogenicity/ \*TISSUE  
PRESERVATION/ TRYPSIN
97. Alby N: Aspects psychologiques de l'hémophilie.  
Bibl Haemat 34:83-8, 1970 (Fre)  
CHRONIC DISEASE/ \*HEMOPHILIA/  
HEMOPHILIA, familial & genetic/ HUMAN/  
MALE/ PUBERTY/ SELF CONCEPT/  
\*STRESS, PSYCHOLOGIC
98. Alderson MR, Poller L, Thomson JM: Validity of the British system for anticoagulant control using the national reagent. J Clin Path 23:281-5, May 70  
\*ANTICOAGULANTS, standards/ GREAT  
BRITAIN/ HUMAN/ MATHEMATICS/  
METHODS/ RABBITS/ THROMBOPLASTIN
99. Aleksandrov Via: Molekuliarennye aspekty genotipicheskogo prispособleniya organizmov k temperature sredy.  
Usp Sovr Biol 67:383-99, May-Jun 69 (Rus)  
ANIMAL EXPERIMENTS/ BODY  
TEMPERATURE REGULATION/ BRAIN,  
metabolism/ \*GENOTYPE/ HEAT/ LIVER,  
metabolism/ MICE/ \*PEPTIDE HYDROLASES/  
\*PROTEINS, metabolism/ RATS/ REVIEW/  
SPECIES SPECIFICITY/ \*TEMPERATURE
100. Aleksandrova EA: Dva sluchaya opukholei serdtsa.  
Klin Med (Moskva) 47:97-100, Jun 69 (Rus)  
ADULT/ CASE REPORT/ FEMALE/ \*HEART  
NEOPLASMS/ \*HEMANGIOMA/ HUMAN/  
\*MYXOMA
101. Alekseenko IF: Aktivnost' fibrinostabilizirushchego faktora pri nekotorykh zabolevaniyakh u detei.  
Vop Okhr Materin Dets 15:90, Feb 70 (Rus)  
ANEMIA, APLASTIC, blood/ CHILD/  
\*FACTOR XIII/ \*HEMATOLOGIC DISEASES,  
blood/ HEMOPHILIA, blood/ HUMAN/  
INFLAMMATION/ LEUKEMIA, blood/  
PURPURA, THROMBOPENIC, blood/  
\*RHEUMATIC FEVER, blood/  
THROMBELASTOGRAPHY/ \*VASCULAR  
DISEASES, blood
102. Alekseenko IF: K voprosu regulatsii fibrinoliza i antifibrinoliticheskaya aktivnost' syvorotki u detei.  
Sovet Zdravookhr Kirgiz 6:18-22, Nov-Dec 69 (Rus)  
ADRENAL CORTEX HORMONES,  
pharmacodynamics/ \*ANTIFIBRINOLYTIC  
AGENTS, blood/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ \*FIBRINOLYSIS,  
drug effects/ FIBRINOLYTIC AGENTS,  
pharmacodynamics/ HUMAN/ IMMUNE  
SERUMS, pharmacodynamics/ MALE
103. Alekseev PP, Larionov VG: Lechenie ostrykh trombozov ven s primeneniem regionalnoi perfuzii i infuzii antikoagulantov i tromboliticheskikh preparatov. Sovet Med 32:17-21, 1969 (Rus)  
ADULT/ ANIMAL EXPERIMENTS/ DOGS/  
ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOLYSIS, administration & dosage/  
\*HEPARIN, administration & dosage/ HUMAN/  
MALE/ MIDDLE AGE/ PERFUSION/  
THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy
104. Aleccio-Zonta L, Baglioni C: Sequence studies on Bence Jones proteins. Europ J Biochem 15:450-63, Sep 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ \*BENCE JONES  
PROTEIN, analysis/ CHROMATOGRAPHY, ION  
EXCHANGE/ CHYMOTRYPSIN/ GEL  
FILTRATION/ PEPTIDES, analysis/ TRYPSIN
105. Alexander G: Summit metabolism in young lambs. Effect of hormones and drugs that affect mobilization and utilization of substrate for cold-induced thermogenesis. Biol Neonate 15:37-48, 1970  
ANIMAL EXPERIMENTS/ \*ANIMALS,  
NEWBORN, metabolism/ BLOOD SUGAR,  
metabolism/ BODY TEMPERATURE



# AUTHOR SECTION

- REGULATION/ \*BODY TEMPERATURE  
REGULATION, drug effects/ CAFFEINE,  
pharmacodynamics/ CARNITINE,  
pharmacodynamics/ COLD/ CORTICOTROPIN,  
pharmacodynamics/ DINITROPHENOLS,  
pharmacodynamics/ ENDOTOXINS,  
pharmacodynamics/ FATTY ACIDS,  
NONESTERIFIED, metabolism/ GLUCAGON,  
pharmacodynamics/ HEPARIN,  
pharmacodynamics/ \*HORMONES,  
pharmacodynamics/ HYDROCORTISONE,  
pharmacodynamics/ INFUSIONS,  
PARENTERAL/ INJECTIONS,  
INTRAMUSCULAR/ INJECTIONS,  
INTRAVENOUS/ INSULIN, pharmacodynamics/  
LIPIDS, metabolism/ \*OXYGEN  
CONSUMPTION/ \*SHEEP, metabolism/  
SHIVERING/ SOY BEANS/ THYRONINE,  
pharmacodynamics/ THYROTROPIN,  
pharmacodynamics/ TRIIODOTHYRONINE,  
pharmacodynamics
106. Alexander NM, Burrow GN: Thyroxine biosynthesis in human goitrous cretinism. *J Clin Endocr* 30:308-15, Mar 70  
ADULT/ AMINOTRANSFERASES, analysis/  
CENTRIFUGATION, DENSITY GRADIENT/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
\*CRETINISM, metabolism/ DIODOTYROSINE,  
metabolism/ FEMALE/ \*GOITER, metabolism/  
HUMAN/ IMMUNOELECTROPHORESIS/  
IODOPROTEINS, biosynthesis/  
IODOTYROSINE, metabolism/ KETOGLUTARIC  
ACID, metabolism/ MALE/ MIDDLE AGE/  
MITOCHONDRIA, enzymology/  
MITOCHONDRIA, metabolism/ PEPTIDE  
HYDROLASES, analysis/ PEROXIDASES,  
analysis/ PROTEIN-BOUND IODINE TEST/  
THYROGLOBULIN, biosynthesis/  
THYROTROPIN, blood/ \*THYROXINE,  
biosynthesis/ THYROXINE, blood/  
THYROXINE-BINDING PROTEIN/ TYROSINE  
AMINOTRANSFERASE, metabolism
107. Alexandrov VY: Conformational flexibility of proteins, their resistance to proteinases and temperature conditions of life. *Curr Mod Biol* 3:9-19, Oct 69  
\*ACCLIMATIZATION/ ADAPTATION,  
PHYSIOLOGICAL/ BODY TEMPERATURE  
REGULATION/ ENVIRONMENT/ EVOLUTION/  
MODELS, BIOLOGIC/ \*PEPTIDE  
HYDROLASES/ \*PROTEINS/ SPECIES  
SPECIFICITY/ \*TEMPERATURE
108. Alferova LN, Al'bert LB: Dooperatsionnoe raspoznavanie vozmozhnosti razvitiia tromboembolii u bol'nykh. *Klin Med (Moskva)* 48:139-42, May 70 (Rus)  
\*BLOOD COAGULATION TESTS/ ENGLISH  
ABSTRACT/ HUMAN/ METHODS/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ \*SURGERY,  
OPERATIVE/ \*THROMBOEMBOLISM,  
prevention & control/ TOURNIQUETS
109. Alferova LN, Al'bert LB, Postnikov VV: Pokazateli svertyvalushchei sistemy krovi u lits pozhilogo vozrasta so stabil'noi fazoi ateroskleroza. *Ter Arkh* 41:23-7, Jun 69 (Rus)  
AGED/ \*ARTERIOSCLEROSIS, blood/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/ EXERTION/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE
110. Alfred BM, Stout TD, Birkbeck J, et al: Blood groups, red cell enzymes, and cerumen types of the Ahousat (Nootka) Indians. *Amer J Phys Anthropol* 31:391-8, Nov 69  
ABO FACTORS/ ADOLESCENCE/ ADULT/  
AGE FACTORS/ AGED/ ANTICOAGULANTS,  
analysis/ ANTIGEN-ANTIBODY REACTIONS/  
\*BLOOD GROUPS/ CANADA/ CAUCASIAN  
RACE/ \*CERUMEN, anatomy & histology/  
CHILD/ CHILD, PRESCHOOL/  
ELECTROPHORESIS/ \*ERYTHROCYTES,  
enzymology/ FEMALE/ HEMOGLOBIN,  
analysis/ HUMAN/ \*INDIANS, NORTH  
AMERICAN/ INFANT/ INFANT, NEWBORN/  
MALE/ MIDDLE AGE/ NEGROID RACE/  
PHOSPHOGLUCOMUTASE, analysis/ RH  
FACTORS/ SEX FACTORS
111. Ali MA, Hobbs JR: Serum-immunoglobulins in haemophilia. *Lancet* 1:947-8, 2 May 70  
BLOOD TRANSFUSION/ \*GAMMA GLOBULIN,  
analysis/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/  
\*HEMOPHILIA, blood/ HEMOPHILIA,  
immunology/ HEMOPHILIA, therapy/ HUMAN/  
IMMUNOGLOBULINS, analysis
112. Alleff A: Antikoagulantien in der Schwangerschaft nach Implantation künstlicher Herzklappen. *Zbl Gynaek* 91:769-71, 14 Jun 69 (Ger)  
ADOLESCENCE/ \*ANTICOAGULANTS,  
therapeutic use/ CEREBRAL EMBOLISM AND  
THROMBOSIS, etiology/ COUMARINS,  
therapeutic use/ FEMALE/ \*HEART VALVE  
PROSTHESIS/ HEART VALVE PROSTHESIS,  
adverse effects/ HEPARIN, therapeutic use/  
HUMAN/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR/  
THROMBOEMBOLISM, prevention & control
113. Allimov TU, Grigorian NA, Bekirov ZB: Sluchai ostrogo fibrinoliza. *Khirurgiia (Moskva)* 45:146-7, May 69 (Rus)  
\*ABDOMINAL INJURIES, complications/ CASE  
REPORT/ FEMALE/ \*FIBRINOLYSIS/  
\*HEMATOMA, etiology/ \*HEMORRHAGE,  
etiology/ HUMAN/ MIDDLE AGE
114. Allain JP, Meyer D, Sultan Y, et al: Physiologie de l'hémostase. 3. Hémostase primaire. *Path Biol (Paris)* 18:679-86, Jun-Jul 70 (92 ref.) (Fre)  
ADENINE NUCLEOTIDES, blood/ ADENINE  
NUCLEOTIDES, physiology/ \*BLOOD  
COAGULATION/ \*BLOOD PLATELETS,  
physiology/ CELL MEMBRANE, physiology/  
COLLAGEN, physiology/ ENGLISH  
ABSTRACT/ EPINEPHRINE, physiology/  
\*HEMOSTASIS/ PLATELET ADHESIVENESS/  
REVIEW/ THROMBIN, physiology
115. Allan BJ, Zager NI, Keller PJ: Human pancreatic proteins: amylase, proelastase, and trypsinogen. *Arch Biochem* 136:529-40, Feb 70  
\*AMYLASE, analysis/ ANIMAL  
EXPERIMENTS/ COLD/ ELECTROPHORESIS,  
DISK/ ENZYME ACTIVATION/ GEL  
FILTRATION/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ ISOENZYMES, analysis/  
\*PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE, analysis/ PAROTID  
GLAND, enzymology/ PEPTIDE  
PEPTIDOHYDROLASES/  
SPECTROPHOTOMETRY/ SWINE/ TRYPSIN/  
\*TRYPSINOGEN, analysis
116. Allen A, Snow C: The effect of trypsin or ethylenediaminetetraacetate on the surface of cells in tissue culture. *Biochem J* 117:32P, Apr 70  
ANIMAL EXPERIMENTS/ \*CELL MEMBRANE  
PERMEABILITY, drug effects/ \*EDTA,  
pharmacodynamics/ HAMSTERS/ IN VITRO/  
KIDNEY, cytology/ \*SURFACE PROPERTIES/  
TISSUE CULTURE/ \*TRYPSIN,  
pharmacodynamics
117. Allen JG: Commercially obtained blood and serum hepatitis. *Surg Gynec Obstet* 131:277-81, Aug 70  
ANTIGENS, analysis/ \*BLOOD BANKS,  
standards/ BLOOD DONORS/ BLOOD  
PRESERVATION, standards/ BLOOD  
TRANSFUSION, adverse effects/ HEPATITIS,  
HOMOLOGOUS SERUM, etiology/ \*HEPATITIS  
HOMOLOGOUS SERUM, occurrence/ HUMAN/  
LEGISLATION, MEDICAL
118. Allen JM, Cook GM: A study of the attachment phase phagocytosis by murine macrophages. *Exp Cell Res* 59:105-16, Jan 70  
BACILLUS CEREUS, immunology/ BACILLUS  
SUBTILIS, immunology/ \*CELL MEMBRANE,  
immunology/ CHYMOTRYPSIN,  
pharmacodynamics/ FIBROBLASTS,  
immunology/ IMMUNOELECTROPHORESIS/  
LEUKOCYTES, immunology/ MACROPHAGES,  
drug effects/ \*MACROPHAGES, immunology/  
MICE/ MICROSCOPY, PHASE CONTRAST/  
NEURAMINIDASE, pharmacodynamics/  
OPSONINS, pharmacodynamics



## AUTHOR SECTION

- \*PHAGOCYTOSIS/ PHOSPHOLIPASE,  
pharmacodynamics/ RABBITS/ TISSUE  
CULTURE/ TRYPSIN, pharmacodynamics/  
ULTRACENTRIFUGATION
119. Allerton SE, Beiler JW, Powars DR, et al: Abnormal extracellular components in Wilms' tumor. *Cancer Res* 30:679-83, Mar 70  
ACETIC ACIDS/ BLOOD PROTEIN  
ELECTROPHORESIS/ BLOOD  
SEDIMENTATION/ EDTA/ HUMAN/  
MUCOPOLYSACCHARIDES, analysis/  
\*NEPHROBLASTOMA, blood/  
NEPHROBLASTOMA, diagnosis/ STAINS AND  
STAINING/ TRYPSIN
120. Allgood RJ, Cook JH, Weedn RJ, et al: Prospective analysis of pulmonary embolism in the postoperative patient. *Surgery* 68:116-22, Jul 70  
ADULT/ AGE FACTORS/ AGED/  
BIOLOGICAL ASSAY/ FEMALE/ HEPARIN,  
therapeutic use/ HUMAN/ ISOLATION  
PERFUSION/ LUNG/ MALE/ MIDDLE AGE/  
\*POSTOPERATIVE COMPLICATIONS,  
diagnosis/ \*PULMONARY EMBOLISM,  
diagnosis/ PULMONARY EMBOLISM, etiology/  
PULMONARY EMBOLISM, mortality/  
PULMONARY EMBOLISM, radiography/  
RADIOISOTOPE SCANNING
121. Allgöwer M: Biologische Grundlagen der Wundbehandlung. *Langenbecks Arch Chir* 325:22-9, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/  
CICATRIX/ ENGLISH ABSTRACT/  
GRANULATION TISSUE/ HEMOSTASIS/  
HUMAN/ POSTOPERATIVE COMPLICATIONS,  
prevention & control/ RABBITS/ SUTURE  
TECHNICS/ TISSUE CULTURE/ \*WOUND  
HEALING/ \*WOUNDS AND INJURIES,  
surgery
122. Allison AC, Hartree EF: Lysosomal enzymes in the acrosome and their possible role in fertilization. *J Reprod Fertil* 21:501-15, Apr 70  
ACID PHOSPHATASE, analysis/ ANIMAL  
EXPERIMENTS/ ESTERASES, analysis/  
\*FERTILIZATION/ FLUORESCENCE/  
GLYCOSIDE HYDROLASES, analysis/  
\*LYSOSOMES, enzymology/ MALE/ PEPTIDE  
HYDROLASES, analysis/ PHOSPHOLIPASE,  
analysis/ SHEEP/ SPERMATOZOA, cytology/  
\*SPERMATOZOA, enzymology/ STAINS AND  
STAINING/ SULFATASES, analysis
123. Al'perin PM, Mikhailova LI, Dubrovina NA, et al: Klinicheski analiz deistvii fibrinoliznoi i konservirovannoi donorskoi krvi u bol'nykh anemiei. *Probl Gemat* 13:3-6, Apr 68 (Rus)  
ADULT/ \*ANEMIA, HYPOCHROMIC, therapy/  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ CADAVER/ COMPARATIVE  
STUDY/ ENGLISH ABSTRACT/  
\*FIBRINOLYSIS, pharmacodynamics/  
FIBRINOLYSIS/ HUMAN
124. Alpert LI, Benisch B: Hemangioendothelioma of the liver associated with microangiopathic hemolytic anemia. Report of four cases. *Amer J Med* 48:624-8, May 70  
ADULT/ AGED/ \*ANEMIA, HEMOLYTIC,  
complications/ AUTOPSY/ BLOOD PLATELET  
DISORDERS, complications/ ERYTHROCYTES/  
FEMALE/ \*HEMANGIOENDOTHELIOMA,  
complications/ HUMAN/ INFANT/ LIVER  
DISEASES, complications/ LIVER DISEASES,  
pathology/ \*LIVER NEOPLASMS,  
complications/ LIVER NEOPLASMS, pathology/  
PHAGOCYTOSIS/ SPLEEN, pathology
125. Al'pidovskii VK, Kovaleva AG, Lenskaia RV, et al: Nekotorye voprosy patogeneza povyshennoi krvotochivosti u bol'nykh tak nazyvaemym ostrym promielotsitarnym leikozom. *Probl Gemat* 13:3-10, Jun 68 (Rus)  
ACUTE DISEASE/ BLOOD COAGULATION  
TESTS/ BONE MARROW CELLS/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMORRHAGIC  
DIATHESIS, etiology/
- HISTOCYTOCHEMISTRY/ HUMAN/  
\*LEUKEMIA, complications
126. Altay C, Alper CA, Nathan DG: Normal and variant isoenzymes of human blood cell hexokinase and the isoenzyme patterns in hemolytic anemia. *Blood* 36:219-27, Aug 70  
ACRYLATES/ ADULT/ AGAR/ \*ANEMIA,  
HEMOLYTIC, enzymology/ ANEMIA, SICKLE  
CELL, enzymology/ BLOOD/ BLOOD  
PLATELETS, enzymology/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*ERYTHROCYTES,  
enzymology/ ERYTHROCYTES, metabolism/  
FEMALE/ GELS/ GLUCOSE,  
pharmacodynamics/ GLYCOLYSIS/  
\*HEXOKINASE, blood/ HEXOKINASE,  
metabolism/ HUMAN/ INFANT, NEWBORN/  
\*ISOENZYMES, blood/ LEUKOCYTES,  
enzymology/ MALE/ MERCAPTOETHANOL,  
pharmacodynamics/ PREGNANCY/  
SPHEROCYTOSIS, HEREDITARY, enzymology/  
STARCH/ THALASSEMIA, enzymology/  
UMBILICAL CORD
127. Altemeler WA, Hill EO, Fullen WD: Acute and recurrent thromboembolic disease: a new concept of etiology. *Ann Surg* 170:547-58, Oct 69  
ACUTE DISEASE/ ADULT/ AGED/  
BACTEROIDES/ CHRONIC DISEASE/  
FEMALE/ HEPARIN, administration & dosage/  
HEPARIN, therapeutic use/ HUMAN/  
\*INFECTION, microbiology/ \*L FORMS,  
pathogenicity/ MALE/ MIDDLE AGE/  
PEPTOSTREPTOCOCCUS/ PREGNANCY/  
\*PULMONARY EMBOLISM, etiology/  
SPHAEROPHORUS INFECTIONS,  
complications/ STAPHYLOCOCCAL  
INFECTIONS, complications/  
STREPTOCOCCAL INFECTIONS,  
complications/ \*THROMBOEMBOLISM, etiology/  
THROMBOEMBOLISM, microbiology/  
\*THROMBOPHLEBITIS, etiology/  
THROMBOPHLEBITIS, microbiology/  
VARICOSE VEINS, complications
128. Amagase S, Nakayama S, Tsugita A: Acid protease in Nepenthes. II. Study on the specificity of nepenthesin. *J Biochem (Tokyo)* 66:431-9, Oct 69  
ALANINE/ AMINO ACIDS/ ANALGESICS  
AND ANTIPYRETICS, analysis/ ASPARTIC  
ACID/ DIGESTION/ ELECTROPHORESIS/  
\*PEPTIDE HYDROLASES/ PEPTIDES,  
analysis/ PLANT EXTRACTS/ \*PLANTS/  
TYROSINE
129. Amanasob K: O Diagnosticheskoj stoimosti trom'elastografii (TEG) pri ateroskleroze i gipertonicheskoj bolezni. *Folia Med (Plovdiv)* 11:150-5, 1969 (Rus)  
\*ARTERIOSCLEROSIS, blood/ BLOOD  
COAGULATION/ DIABETES MELLITUS,  
blood/ FEMALE/ HUMAN/ \*HYPERTENSION,  
blood/ MALE/ MYOCARDIAL INFARCT,  
blood/ THROMBELASTOGRAPHY
130. Amar-Nacasch C, Vilkas E: Etude des parois d'une souche humaine virulente de Mycobacterium tuberculosis. 1. Préparation et analyse chimique. *Bull Soc Chim Biol (Paris)* 51:613-20, 25 Jul 69 (Fre)  
AMINO ACIDS, analysis/ ARABINOSE,  
analysis/ \*CELL WALL, analysis/ ENGLISH  
ABSTRACT/ FATTY ACIDS, analysis/  
GALACTOSE, analysis/ GLUCOSAMINE,  
analysis/ GLUTAMATES, analysis/  
LIPOPOLYSACCHARIDES, analysis/  
MUCOPROTEINS, analysis/ MURAMIDASE/  
\*MYCOBACTERIUM TUBERCULOSIS, analysis/  
NEURAMINIC ACIDS, analysis/  
OXIDATION-REDUCTION/ PEPTIDE  
HYDROLASES/ PERIODIC ACIDS/ PIMELIC  
ACID, analysis/ TRICHLOROACETIC ACID/  
ULTRACENTRIFUGATION
131. Ambrus CM, Ambrus JL, Niswander KR, et al: Changes in fibrin-stabilizing factor levels in relation to maternal hemorrhage and neonatal disease. *Pediat Res* 4:82-8, Jan 70  
\*FACTOR XIII/ FEMALE/ FIBRINOGEN/  
FIBRINOLYSIS/ HUMAN/ HYALINE  
MEMBRANE DISEASE, blood/ INFANT,



## AUTHOR SECTION

- NEWBORN/ \*INFANT, NEWBORN, DISEASES, blood/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/ RESPIRATORY DISTRESS SYNDROME, blood/ \*UTERINE HEMORRHAGE, blood
132. Ameli NO: Brain angiomas and intracerebral haematoma. *Progr Brain Res* 30:427-31, 1968  
ADOLESCENCE/ ADULT/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, surgery/ ARTERIOVENOUS MALFORMATIONS, complications/ \*BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, surgery/ CEREBRAL HEMORRHAGE, complications/ CHILD/ FEMALE/ \*HEMANGIOMA, complications/ HEMANGIOMA, surgery/ \*HEMATOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ SKULL, injuries
133. Amerio A, De Benedictis G, Leondeff J, et al: La nefropatia da apilo. *Minerva Nefrol* 15:49-70, Jan-Apr 68 (Ita)  
ANIMAL EXPERIMENTS/ ANURIA, etiology/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION DISORDERS, etiology/ \*DIOXIDES, poisoning/ ELECTROCARDIOGRAPHY/ FEMALE/ GASTROINTESTINAL DISEASES, etiology/ HEMODIALYSIS/ HUMAN/ \*KIDNEY DISEASES, etiology/ \*KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, therapy/ LIVER DISEASES, etiology/ MALE/ MICE
134. Amery A, Donati MB, Vermeylen J, et al: Comparison between the changes in the plasma fibrinogen and plasminogen levels induced by a moderate or high initial dose of streptokinase. *Thromb Diath Haemorrh* 23:504-12, 30 Jun 70  
BLOOD COAGULATION TESTS/ \*FIBRINOGEN, analysis/ HUMAN/ INFUSIONS, PARENTERAL/ \*PLASMINOGEN, analysis/ \*STREPTOKINASE, administration & dosage/ THROMBOEMBOLISM, drug therapy/ TIME FACTORS
135. Amery A, Roeber G, Vermeulen HJ, et al: Single-blind randomised multicentre trial comparing heparin and streptokinase treatment in recent myocardial infarction. *Acta Med Scand [Suppl]* 505:Suppl 505:1+, 1969  
ACUTE DISEASE/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD COAGULATION TESTS/ BLOOD SEDIMENTATION/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ COUMARINS, therapeutic use/ CREATINE KINASE, blood/ ELECTROCARDIOGRAPHY/ ERYTHROCYTES, analysis/ FEMALE/ FIBRINOGEN, analysis/ FOLLOW-UP STUDIES/ HEMATOCRIT/ \*HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PREDNISOLONE, therapeutic use/ \*STREPTOKINASE, therapeutic use
136. Amery A, Vermeylen J, Verstraete M: Veränderungen im Bereich der biochemischen Parameter während Streptokinase-Infusion. *Folia Haemat (Leipzig)* 92:7-19, 1969 (Ger)  
ANTIFIBRINOLYTIC AGENTS/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CALCIUM, pharmacodynamics/ FIBRINOGEN, analysis/ FIBRINOLYSIS, analysis/ FIBRINOLYSIS, antagonists & inhibitors/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFUSIONS, PARENTERAL/ PLASMINOGEN, analysis/ \*STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ THROMBOEMBOLISM, drug therapy
137. Amias AG: Cerebral vascular disease in pregnancy. 2. Occlusion. *J Obstet Gynaec Brit Comm* 77:312-5, Apr 70  
ABORTION/ ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIES/ CEREBRAL HEMORRHAGE, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ \*CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, mortality/ CEREBROVASCULAR DISORDERS, radiography/ CEREBROVASCULAR DISORDERS, surgery/ CRANIOTOMY/ ECLAMPSIA, etiology/ FEMALE/ HUMAN/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ THROMBOPHLEBITIS, etiology
138. Amias AG: Cerebral vascular disease in pregnancy. I. Haemorrhage. *J Obstet Gynaec Brit Comm* 77:100-20, Feb 70  
ABORTION, THERAPEUTIC/ ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ CEREBRAL ANEURYSM, complications/ CEREBRAL HEMORRHAGE, diagnosis/ \*CEREBRAL HEMORRHAGE, etiology/ CEREBRAL VENTRICLE NEOPLASMS, complications/ CESAREAN SECTION/ DELIVERY/ ECLAMPSIA, complications/ FEMALE/ HEADACHE, etiology/ HEMANGIOMA, complications/ HUMAN/ HYPERTENSION, complications/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR
139. Aminoff D, Furukawa K: Enzymes that destroy blood group specificity. I. Purification and properties of alpha-L-fucosidase from *Clostridium perfringens*. *J Biol Chem* 245:1659-69, 10 Apr 70  
\*ABO FACTORS/ AMMONIUM COMPOUNDS/ CALCIUM CHLORIDE/ CHROMATOGRAPHY/ \*CLOSTRIDIUM PERFRINGENS, enzymology/ DIALYSIS/ DRUG STABILITY/ ELECTROPHORESIS/ FUCOSE/ GEL FILTRATION/ \*GLYCOPROTEINS/ \*GLYCOSIDE HYDROLASES/ GLYCOSIDE HYDROLASES, analysis/ GLYCOSIDE HYDROLASES, antagonists & inhibitors/ GLYCOSIDE HYDROLASES, isolation & purification/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ NEURAMINIDASE, analysis/ OLIGOSACCHARIDES/ PEPTIDE HYDROLASES, analysis/ PRECIPITATION/ SUBMANDIBULAR GLAND/ SULFATES/ SWINE
140. Ammar R, Ganzoury BA, el-Mahgoub S: Hydrotubatio with kimopsin. *J Egypt Med Ass* 52:31-45, 1968  
ADNEXAL DISEASES, drug therapy/ \*CHYMOTRYPSIN, administration & dosage/ \*FALLOPIAN TUBES/ FEMALE/ HUMAN/ INJECTIONS/ PREGNANCY/ \*STERILITY, FEMALE, drug therapy/ STREPTOMYCIN, therapeutic use/ UTERUS
141. Amos DB: Genetic and antigenetic aspects of human histocompatibility systems. *Advances Immun* 10:251-97, 1969  
ANTIBODY FORMATION/ \*ANTIGENS/ BLOOD PLATELETS, immunology/ COMPLEMENT/ COMPLEMENT FIXATION TESTS/ GENETICS, BIOCHEMICAL/ GENETICS, HUMAN/ HEMAGGLUTINATION TESTS/ \*HISTOCOMPATIBILITY/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE TOLERANCE/ IMMUNIZATION/ LYMPHOCYTES, immunology/ \*NOMENCLATURE/ RECOMBINATION, GENETIC/ \*TRANSPLANTATION IMMUNOLOGY
142. Anantharaman K: Trypsin-inhibitory and growth-depressing activities of groundnut skins (testa). *Proc Nutr Soc* 28:46A-47A, Sep  
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ DEPRESSION, CHEMICAL/ DIET/ \*GROWTH, drug effects/ ORGAN WEIGHT/ PANCREAS, drug effects/ \*PEANUTS, analysis/ RATS/ \*TRYPSIN INHIBITORS, analysis
143. Anastasescu G, Marin D: Tratamentul regional



## AUTHOR SECTION

- intraarterial al poliartritel reumatoid cu diferite medicamente, în special cu imunodepresoare.  
Med Intern (Bucur) 21:597-600, May 69 (Rum)  
\*ARTHRITIS, drug therapy/ \*ARTHRITIS, RHEUMATOID, drug therapy/  
\*CHYMOTRYPSIN, administration & dosage/  
\*CYCLOPHOSPHAMIDE, administration & dosage/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ \*HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/  
\*SCLERODERMA, drug therapy/  
\*SPONDYLITIS, ANKYLOSING, drug therapy
144. Anastasescu G, Marin D: Regional intraarterial treatment of rheumatoid polyarthritis with different drugs, especially immunodepressors.  
Rom Med Rev 14:21-3, Jan-Mar 70  
\*ARTHRITIS, RHEUMATOID, drug therapy/  
CYCLOPHOSPHAMIDE, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ \*INJECTIONS, INTRA-ARTERIAL
145. Anastasi A, Ersparmer GF: Occurrence of phyllomedusin, a physalaemin-like decapeptide, in the skin of *Phyllomedusa bicolor*.  
Experientia 26:866-7, 15 Aug 70  
AMINO ACID SEQUENCE/ \*AMPHIBIA/ ANIMAL EXPERIMENTS/  
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ ELECTROPHORESIS/ \*PEPTIDES, analysis/ \*SKIN, analysis/ TRYPSIN
146. Andersen RB, Gormsen J: Fibrinolytic and fibrin stabilizing activity of synovial membranes.  
Ann Rheum Dis 29:287-93, May 70  
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, pathology/ ARTHRITIS, RHEUMATOID, physiopathology/ BLOOD SEDIMENTATION/ CHILD/ \*FACTOR XIII, analysis/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ \*PLASMINOGEN, analysis/ RADIOAUTOGRAPHY/ \*SYNOVIAL MEMBRANE, analysis/ SYNOVIAL MEMBRANE, pathology/ SYNOVIAL MEMBRANE, physiopathology
147. Andersen RB, Winther O: Blood-fibrinolysis and activity of rheumatoid arthritis.  
Acta Rheum Scand 15:178-84, 1969  
ADULT/ AGE FACTORS/ AGED/ \*ALPHA GLOBULIN, metabolism/ \*ARTHRITIS, JUVENILE RHEUMATOID, blood/  
\*ARTHRITIS, RHEUMATOID, blood/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ CHILD/ FEMALE/  
\*FIBRINOGEN, metabolism/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS
148. Anderson DM: In vitro inhibition of glycolysis in blood and its effect on the haematocrit.  
J Comp Path 79:525-35, Oct 69  
AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ BLOOD PRESERVATION/ BLOOD SUGAR/ CATTLE/ ERYTHROCYTES, metabolism/  
\*FLUORIDES, pharmacodynamics/  
\*GLYCOLYSIS, drug effects/ \*HEMATOCRIT/ HEPARIN, pharmacodynamics/ IN VITRO/ LEUKOCYTE COUNT/ LEUKOCYTES, metabolism/ OXALATES, pharmacodynamics/ SHEEP/ SWINE/ TEMPERATURE
149. Anderson ND, Wood S Jr: Intravascular thrombosis and leukocyte destruction in vivo by heterologous antilymphocyte serum. Fed Proc 29:145-9, Jan-Feb 70  
ANIMAL EXPERIMENTS/ ANTIGENS/  
\*ANTILYMPHOCYTE SERUM, adverse effects/ BLOOD PLATELETS, immunology/  
ERYTHROCYTES, immunology/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ \*LYMPHOCYTES, immunology/  
PHOTOMICROGRAPHY/ RABBITS/  
\*THROMBOPENIA, etiology/  
THROMBOPHLEBITIS, complications/  
\*THROMBOPHLEBITIS, etiology/  
THROMBOPHLEBITIS, immunology/ THYMUS GLAND, immunology/ VEINS, pathology
150. Anderson PJ, Gibbons I, Perham RN: A comparative study of the structure of muscle fructose 1,6-diphosphate aldolases.  
Europ J Biochem 11:503-9, Dec 69  
\*ALDEHYDE-LYASES, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/  
CARBON ISOTOPES/ CATTLE/ CYANIDES/  
CYSTEINE, analysis/ ELECTROPHORESIS/  
FISHES/ FRUCTOSE/ GEL FILTRATION/  
GELS/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ HEXOSEPHOSPHATES/  
IODOACETATES/ METHYLATION/ MUSCLES, enzymology/ PEPTIDES/ PEPTIDES, analysis/  
RABBITS/ SPECIES SPECIFICITY/ SWINE/  
TRYPSIN/ ULTRACENTRIFUGATION
151. Anderson PJ, Perham RN: The reactivity of thiol groups and the subunit structure of aldolase.  
Biochem J 117:291-8, Apr 70  
\*ALDOLASE/ ALKYLATION/ AMINO ACIDS/  
ANIMAL EXPERIMENTS/ BINDING SITES/  
CARBON ISOTOPES/ CYSTEINE/  
IODOACETATES/ MUSCLES, enzymology/  
PEPTIDES, isolation & purification/ RABBITS/  
\*SULFHYDRYL COMPOUNDS/ TRYPSIN
152. Anderson R, Kieffer SA, Wolfson JJ, et al: Thickening of the skull in surgically treated hydrocephalus.  
Amer J Roentgen 110:96-101, Sep 70  
ADHESIONS, surgery/ AGE FACTORS/  
CHILD/ CRANIAL FOSSA, POSTERIOR, radiography/ FEMALE/ HUMAN/  
\*HYDROCEPHALUS, surgery/ INFANT/  
INTRACRANIAL PRESSURE/ MALE/  
\*POSTOPERATIVE COMPLICATIONS/ SEX FACTORS/ \*SKULL, physiopathology/ SKULL, radiography/ SKULL, surgery/  
VENTRICULOGRAPHY
153. Andersson L, Nilsson IM: AMCA (aminomethyl cyclohexane carboxylic acid, Cyklo-kapron) a potent haemostatic agent in urinary tract bleeding.  
Scand J Urol Nephrol 3:169-76, 1969  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CARCINOMA, surgery/  
\*CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ \*FIBRINOLYSIS, drug effects/ HEMATURIA, complications/  
\*HEMATURIA, drug therapy/ HUMAN/  
MALE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ PROSTATECTOMY/  
PROSTATIC NEOPLASMS, surgery/  
UROGENITAL NEOPLASMS, complications/  
UROLOGIC DISEASES, complications
154. Ando H: [Clinical studies on alpha 2-macroglobulin. Serum antifibrinolytic activity and alpha 2-macroglobulin]  
J Jap Soc Intern Med 59:329-39, Apr 70 (Jap)  
\*ANTIFIBRINOLYTIC AGENTS/ BLOOD PROTEIN ELECTROPHORESIS/  
\*FIBRINOLYSIS/ HUMAN/  
\*MACROGLOBULINS, physiology/  
MICROSCOPY, ELECTRON/ NEPHROSIS, blood/ STREPTOKINASE, blood
155. Andrassy K, Egbring R, Egil H: Über die fibrinolytische Aktivität von Rinderprothrombinpräparaten nach Seegers. Ein Beitrag zur Frage der Aktivierung von Rinderprothrombin durch Plasmin.  
Thromb Diath Haemorrh 22:377-90, 15 Nov 69 (Ger)  
ANIMAL EXPERIMENTS/ CATTLE/  
CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ ENZYME ACTIVATION/  
FIBRINOGEN, analysis/ FIBRINOLYSIS, metabolism/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/  
PLASMINOGEN, analysis/ PROTHROMBIN, metabolism/ \*PROTHROMBIN, pharmacodynamics/ STREPTOKINASE/ THROMBIN
156. Andreadis P, Carapistolis EG, Tountas C: Problèmes post-opératoires de la chirurgie cardiaque à cœur ouvert. Lyon Chir 66:10-2, Jan-Feb 70 (Fre)



# AUTHOR SECTION

- ADULT/ ANURIA, etiology/ ATELECTASIS, etiology/ BLOOD COAGULATION DISORDERS/ CARDIAC OUTPUT/ FEMALE/ \*HEART SURGERY/ HEART SURGERY, adverse effects/ HEMORRHAGE, etiology/ HUMAN/ POSTOPERATIVE CARE/ \*POSTOPERATIVE COMPLICATIONS/ RESPIRATORY INSUFFICIENCY, etiology
157. Andreassen F: Infusion thrombophlebitis. Danish Med Bull 16:140-5, May 69  
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY, drug effects/ DOGS/ GLUCOSE/ \*INFUSIONS, PARENTERAL, adverse effects/ MANOMETRY/ PRESSURE/ RABBITS/ SODIUM CHLORIDE/ \*THROMBOPHLEBITIS, chemically induced/ VEINS
158. Andreenko GV: Metody opredelenia kontsentratsii fibrinogena v krvi. Probl Gemat 13:43-52, Sep 68 (Rus)  
\*CHEMISTRY, ANALYTICAL/ COMPARATIVE STUDY/ \*FIBRINOGEN, analysis/ METHODS
159. Andreenko GV: Mikrometody opredelenia v krvi kontsentratsii fibrinogena, fibrinoliticheskoj aktivnosti, geparina i antifibrinolizina. Lab Delo 8:477-9, 1969 (Rus)  
\*ANTIFIBRINOLYTIC AGENTS, analysis/ \*BLOOD COAGULATION TESTS/ \*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ \*HEPARIN, analysis/ HUMAN/ METHODS/ MICROCHEMISTRY
160. Andreenko GV, Pomelov VS, Smolnitskii Al: Antifibrinoliticheskaia aktivnost' krovi u bol'nykh rakom i khronicheskimi gnoino-vospalitel'nymi zabolevaniami legkikh do i posle operatsii. Grudn Khir 11:65-8, Nov-Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ \*ANTIFIBRINOLYTIC AGENTS, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LUNG DISEASES, blood/ \*LUNG DISEASES, surgery/ \*LUNG NEOPLASMS, blood/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, etiology/ SUPPURATION/ THROMBOEMBOLISM, etiology
161. Andreesen R: Nicht unfallbedingten Blutergüsse im Kniegelenk. Deutsch Med Wschr 95:1217-8, 29 May 70 (Ger)  
BONE AND BONES/ CHRONIC DISEASE/ \*HEMATOMA, etiology/ HUMAN/ \*JOINT DISEASES, etiology/ \*KNEE JOINT/ SYNOVITIS, complications
162. Andreoli VM: Platelet lipids (3). In vitro incorporation of 1-14C linoleic acid into lipid fractions of rabbit platelets. Europ J Pharmacol 7:314-8, Sep 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CEPHALINS, metabolism/ CHOLESTEROL, metabolism/ IN VITRO/ \*LINOLEIC ACID, metabolism/ \*LIPIDS, metabolism/ PHOSPHOINOSITIDES, metabolism/ PHOSPHOLIPIDS, metabolism/ RABBITS/ TRIGLYCERIDES, metabolism
163. Andreoli VM: Platelet lipids. IV. 14C labeled acetate incorporation by isolated platelets. Europ J Pharmacol 9:374-8, Mar 70  
\*ACETATES, metabolism/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CEPHALINS, metabolism/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ LECITHINS, metabolism/ \*LIPIDS, metabolism/ MALE/ PHOSPHOINOSITIDES, metabolism/ PHOSPHOLIPIDS, metabolism/ RABBITS/ SPHINGOMYELINS, metabolism/ TIME FACTORS/ TRIGLYCERIDES, metabolism
164. Andreoli VM, Frigeni V, Napoli PA: Effetto del litio sulla serotonina cerebrale e plastrinica. Boll Soc Ital Biol Sper 44:1904-8, 30 Nov 68 (Ita)  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, analysis/ \*BRAIN, metabolism/ \*LITHIUM, pharmacodynamics/ MALE/ RATS/ \*SEROTONIN, blood/ \*SEROTONIN, metabolism
165. Andres GA, Accinni L, Hsu KC, et al: Human renal transplants. 3. Immunopathologic studies. Lab Invest 22:588-604, Jun 70  
ADOLESCENCE/ ADULT/ BIOPSY/ COMPLEMENT, analysis/ FEMALE/ FERRITIN/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HUMAN/ IMMUNOCHEMISTRY/ KIDNEY, pathology/ \*KIDNEY, transplantation/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
166. Andrushchenko EV: Izmeneniye svertyvalushchei sistemy krovi u bol'nykh gipertonicheskoi bolezni'u s trombogemorragicheskimi oslozheniyami. Vrach Delo 1:35-8, Jan 69 (Rus)  
AGED/ \*BLOOD COAGULATION DISORDERS, complications/ CEREBRAL HEMORRHAGE, complications/ \*CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, blood/ \*HYPERTENSION, complications/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ SUBARACHNOID HEMORRHAGE, complications
167. Andrzejewska W, Krzysztofik Z: Wylewy pozagatkowe z ostrym wytrzeszczem jako przyczyna ślepoty i odruchowych zmian cztności serca. Pol Tyg Lek 25:579-80, 20 Apr 70 (Pol)  
ADOLESCENCE/ ADULT/ \*BLINDNESS, etiology/ \*BRADYCARDIA, etiology/ ENGLISH ABSTRACT/ \*EXOPHTHALMOS, complications/ EXOPHTHALMOS, etiology/ \*HEMATOMA, complications/ \*HEMOPHILIA, complications/ HEMORRHAGE, complications/ HUMAN/ MALE
168. Andzhaparidze OG, Stepanova LG: Izuchenie izmENCHIVOSTI virusa kleshchevogo ENTSEFALITA. 5. Geneticheskaya kharakteristika shtammov s raznoi virulentnost'iu. Vop Virus 14:687-91, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ BICARBONATES, pharmacodynamics/ CULTURE MEDIA/ CYTOPATHOGENIC EFFECT, VIRAL/ \*ENCEPHALITIS VIRUSES, TICK-BORNE/ ENCEPHALITIS VIRUSES, TICK-BORNE, drug effects/ ENCEPHALITIS VIRUSES, TICK-BORNE, pathogenicity/ ENGLISH ABSTRACT/ ETHYL ETHER, pharmacodynamics/ \*GENETICS, MICROBIAL/ MICE/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics/ VIRULENCE/ VIRUS REPLICATION, drug effects
169. Anestiadi W: Über die Auflösung von Lipoiden und Eiweisssubstanzen in der Arterienwand bei Atherosklerose. Verh Deutsch Ges Path 53:460-3, 1969 (Ger)  
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AORTA, enzymology/ AORTA, metabolism/ ARTERIOSCLEROSIS, enzymology/ \*ARTERIOSCLEROSIS, metabolism/ ENGLISH ABSTRACT/ ESTERASES, analysis/ FIBROBLASTS, enzymology/ HISTIOCYTES, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ LEUCINE AMINOPEPTIDASE, analysis/ \*LIPIDS, metabolism/ MIDDLE AGE/ NUCLEOTIDASES, analysis/ \*PROTEINS, metabolism/ THROMBOPLASTIN, analysis
170. Anisimov VK: Nekotorye voprosy taktiki antikoagulantnoi terapii pri infarkt miokarda. Ter Arkh 41:94-9, Apr 69 (Rus)  
\*ANTICOAGULANTS, therapeutic use/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ \*MYOCARDIAL INFARCT, drug therapy



# AUTHOR SECTION

171. Ankier SI: Reactivity of rat and man to egg-white. Fortschr Arzneimittelforsch 13:340-94, 1969 (702 ref.) ADRENAL GLANDS, analysis/ \*ANAPHYLAXIS, immunology/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ CARBOHYDRATES/ \*EGG WHITE/ EGG WHITE, analysis/ FIBRINOLYSIS/ GLOBULINS, analysis/ HISTAMINE/ HORMONES, secretion/ HUMAN/ \*HYPERSENSITIVITY, immunology/ KININS, blood/ MAST CELLS/ MURAMIDASE, analysis/ NEURAMINIC ACIDS, analysis/ OVALBUMIN, analysis/ OVALBUMIN, pharmacodynamics/ PANCREAS, physiopathology/ PANCREAS, secretion/ RATS/ REVIEW/ SEROTONIN/ THYROID GLAND, physiopathology
172. Anokhina IuV, Tsepa LS: Izmeneniia v selezenki pri ostroi forme bolezni Veri'gofa. Probl Gemat 14:28-31, Oct 69 (Rus) ACUTE DISEASE/ ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ PURPURA, THROMBOPENIC, immunology/ \*PURPURA, THROMBOPENIC, pathology/ \*SPLEEN, pathology
173. Anschütz F: Die Arteriosklerose. Z Allgemeinmed 45:1461-70, 10 Nov 69 (14 ref.) (Ger) ANTIHYPERTENSIVE AGENTS, therapeutic use/ \*ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, prevention & control/ ARTERIOSCLEROSIS, therapy/ ARTERIOSCLEROSIS OBLITERANS, complications/ CEREBRAL ARTERIOSCLEROSIS, complications/ DIET, ATHEROGENIC/ FEMALE/ GERMANY, WEST/ HEMODYNAMICS/ HUMAN/ MALE/ MYOCARDIAL INFARCT, etiology/ NEPHROSCLEROSIS, etiology/ RETROSPECTIVE STUDIES/ REVIEW/ SMOKING
174. Antoine B, Neveu T, Dorrington Ward P: La fibrinurie au cours de la transplantation rénale chez l'homme. Rev Franc Etud Clin Biol 14:744-53, Oct 69 (Fre) ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FIBRIN, urine/ FIBRINOGEN, analysis/ \*FIBRINOGEN, urine/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULAR FILTRATION RATE/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ ISCHEMIA, complications/ KIDNEY, pathology/ \*KIDNEY, transplantation/ MACROMOLECULAR SYSTEMS, urine/ PREDNISONE, administration & dosage/ PROTEINURIA/ RABBITS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY
175. Antoine B, Patte D, Debray-Sachs M, et al: Etude sur les déficits chroniques de potassium chez l'homme. II. Analyse de la protéinurie kallopénique. Rev Europ Etud Clin Biol 15:168-75, Feb 70 (Fre) ADULT/ ANTIGENS, analysis/ CHRONIC DISEASE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, urine/ HUMAN/ \*HYPOKALEMIA, complications/ HYPOKALEMIA, drug therapy/ IMMUNOELECTROPHORESIS/ KIDNEY TUBULES, physiopathology/ MACROMOLECULAR SYSTEMS, urine/ MALE/ MIDDLE AGE/ NECROSIS/ \*POTASSIUM DEFICIENCY, complications/ POTASSIUM DEFICIENCY, etiology/ \*PROTEINURIA, immunology/ PROTEINURIA, physiopathology
176. Antoine B, Ward PD: Histuria and fibrinuria in cases of systemic lupus erythematosus. Clin Exp Immun 6:153-9, Jan 70 ELECTROPHORESIS/ \*FIBRIN, urine/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ KIDNEY, immunology/ \*KIDNEY DISEASES, urine/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, urine/ RABBITS/ \*URINE, cytology
177. Aoki K, Saito T: [Antagonism between histamine liberators and anti-inflammatory drugs in the isolated mast cells] Jap J Allerg 19:633-4, Aug 70 (Jap) ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, antagonists & inhibitors/ CHYMOTRYPSIN, antagonists & inhibitors/ COMPOUND 48-80, antagonists & inhibitors/ DEXTRAN, antagonists & inhibitors/ \*DRUG ANTAGONISM/ ENGLISH ABSTRACT/ \*HISTAMINE LIBERATION/ IN VITRO/ \*MAST CELLS, drug effects/ MORPHINANS, antagonists & inhibitors/ RATS
178. Aoki N, Kaula KN von: Inactivation of human serum plasminogen antiactivator by synthetic fibrinolysis inducers. Thromb Diath Haemorrh 22:251-62, 15 Nov 69 AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ \*ANTIFIBRINOLYTIC AGENTS/ ANTIGENS/ ASPIRIN, pharmacodynamics/ BENZOATES, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ CHROMATOGRAPHY/ DEXTRAN/ FIBRINOLYSIS, drug effects/ FLUFENAMIC ACID, pharmacodynamics/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ LIPOPROTEINS/ MACROGLOBULINS/ PLASMINOGEN/ \*PLASMINOGEN/ PRECIPITATION/ RABBITS/ SALICYLIC ACID, pharmacodynamics
179. Aoki T: [Leukocyte migration factors--their basics and significance in inflammation] Jap J Clin Med 27:2363-76, Sep 69 (43 ref.) (Jap) AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*CAPILLARY PERMEABILITY/ CAPILLARY PERMEABILITY, drug effects/ COMPLEMENT, analysis/ EOSINOPHILS/ ESTERS, pharmacodynamics/ GEL FILTRATION/ HISTAMINE, pharmacodynamics/ \*INFLAMMATION, blood/ KININS, pharmacodynamics/ \*LEUKOCYTES/ LEUKOCYTES, cytology/ LEUKOTAXINE, analysis/ MICROSCOPY, ELECTRON/ MONOCYTES/ MYCOBACTERIUM TUBERCULOSIS/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDES, analysis/ POLYSACCHARIDES, BACTERIAL/ RABBITS/ REVIEW/ SEROTONIN, pharmacodynamics
180. Aoyagi T, Miyata S, Nanbo M, et al: Biological activities of leupeptins. J Antibiot (Tokyo) 22:558-68, Nov 69 \*AMINO ACIDS, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ CASEIN, metabolism/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ DOGS/ ENZYME ACTIVATION/ FIBRINOGEN, antagonists & inhibitors/ FIBRINOLYSIS, antagonists & inhibitors/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ PAPAIN, antagonists & inhibitors/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMINOGEN, antagonists & inhibitors/ RABBITS/ RATS/ STREPTOKINASE, antagonists & inhibitors/ THROMBIN, antagonists & inhibitors/ THROMBOPLASTIN, antagonists & inhibitors/ TRYPSIN, antagonists & inhibitors
181. Aoyama H, Yasue T: [Kinin forming enzymes in the blood vessels of the skin] Jap J Allerg 18:899-901, Nov 69 (Jap) \*BLOOD VESSELS, enzymology/ ENGLISH ABSTRACT/ HEMANGIOMA, enzymology/ HUMAN/ \*KININS, biosynthesis/ RABBITS/ \*SKIN, blood supply/ SKIN NEOPLASMS, enzymology
182. Apanasenko BG: O mekhanizme razvitiia, diagnostike, profilaktike i lechenii travmaticheskoi zhirovopi embolli. Voennomed Zh 11:33-8, Nov 69 (Rus) BLOOD COAGULATION DISORDERS, etiology/



# AUTHOR SECTION

- BLOOD COAGULATION DISORDERS,  
metabolism/ \*EMBOLISM, FAT/ ENZYMES,  
metabolism/ LIPIDS, metabolism/ MILITARY  
MEDICINE/ USSR/ \*WOUNDS AND INJURIES,  
complications/ WOUNDS AND INJURIES,  
metabolism
183. Apekar' SG, Metelitsa VI, Minina AV, et al:  
Osobennosti techeniya obmennyykh protsessov u  
krolikov pri soderzhanii ikh na beskholesterinovo  
aterogennoi diete i pri vvedenii ingibitora  
fibrinoliticheskoj aktivnosti.  
Vop Pitani 28:24-9, Nov-Dec 69 (Rus)  
ALDOLASE, metabolism/ \*AMINOCAPROIC  
ACID, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ AORTA, metabolism/  
\*CHOLESTEROL, metabolism/  
CHROMATOGRAPHY, GAS/ COCONUT/  
DEFICIENCY DISEASES, metabolism/  
DEPRESSION, CHEMICAL/ \*DIET,  
ATHEROGENIC/ \*DIETARY FATS/ ENGLISH  
ABSTRACT/ FATTY ACIDS, blood/ \*FATTY  
ACIDS, metabolism/ FATTY ACIDS,  
ESSENTIAL/ FATTY LIVER, enzymology/  
FATTY LIVER, metabolism/ FIBRINOLYSIS,  
drug effects/ HYDROLASES, metabolism/  
HYPERCHOLESTEREMIA, etiology/ LIVER,  
enzymology/ LIVER, metabolism/ OILS/  
RABBITS/ TRANSFERASES, metabolism
184. Aragona F: Gli aspetti immunitari della trasfusione  
sanguigna nei suoi riflessi medico-legali.  
Zacchia 5:161-94, Apr-Jun 69 (96 ref.) (Ita)  
ABO FACTORS/ ADULT/  
ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD  
GROUP INCOMPATIBILITY/ BLOOD  
PLATELET DISORDERS, etiology/ BLOOD  
PLATELETS, immunology/ ENGLISH  
ABSTRACT/ ERYTHROCYTES, immunology/  
FEMALE/ HEMOGLOBINURIA, etiology/  
HEMOLYSIS/ HUMAN/ ISOANTIGENS/  
\*JURISPRUDENCE/ LEUKOCYTES,  
immunology/ REVIEW/ RH FACTORS
185. Arakelov RA, Abagian IA: Opredelenie  
fibrinoliticheskoi i antifibrinoliticheskoi aktivnosti  
krovi pri epidemicheskoi gepatite Botkina.  
Zh Eksp Klin Med 9:61-3, 1969 (Rus)  
ADULT/ ANTIFIBRINOLYTIC AGENTS/  
\*BLOOD COAGULATION/ FEMALE/  
FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/  
\*HEPATITIS, INFECTIOUS, blood/ HUMAN/  
MALE/ MIDDLE AGE
186. Aran M: Oestriol succinat ve plaklet adezyonu.  
Turk Tip Cem Mec 35:609-14, Oct 69 (Tur)  
\*BLOOD PLATELETS, drug effects/  
\*ESTRIOL, pharmacodynamics/ ESTRIOL,  
therapeutic use/ HEMORRHAGE,  
drug therapy/ HUMAN/ PLATELET  
ADHESIVENESS, drug effects/ SEX  
HORMONES, physiology/ SUCCINATES,  
pharmacodynamics/ SUCCINATES, therapeutic  
use
187. Arantes WL, Kieny R: Aneurismas arteriais (a  
propósito de um caso de aneurisma traumático de  
artéria ilíaca) Hospital (Rio) 77:525-35, Feb 70 (Por)  
ADULT/ \*ANEURYSM, etiology/ HEMATOMA/  
HUMAN/ ILIAC ARTERY, injuries/ MALE
188. Archer RK, Allen B: The viscosity of equine blood  
plasma: a new non-specific test.  
Vet Rec 86:360-3, 28 Mar 70  
ANTICOAGULANTS, pharmacodynamics/  
BLOOD PRESERVATION/ BLOOD  
SEDIMENTATION/ \*BLOOD VISCOSITY/  
CITRATES, pharmacodynamics/ EDTA,  
pharmacodynamics/ HEMOLYSIS/ HEPARIN,  
pharmacodynamics/ \*HORSE DISEASES,  
diagnosis/ HORSES/ OXALATES,  
pharmacodynamics/ TEMPERATURE
189. Archibald KC, Gafter WI: Rehabilitation of the elderly  
cardiac patient. Geriatrics 25:133-41, Mar 70  
ACTIVITIES OF DAILY LIVING/ AGED/  
AGING/ ANTICOAGULANTS, therapeutic use/  
DIET/ EXERCISE THERAPY/ HEART  
DISEASES, diagnosis/ HEART DISEASES, drug  
therapy/ \*HEART DISEASES, rehabilitation/
- HEART DISEASES, therapy/ HUMAN/  
PHYSICAL THERAPY/ SMOKING
190. Ardailou N, Najean Y: Cinétique de la thrombopoïèse  
utilisant la 75Se-méthionine.  
Nouv Rev Franc Hemat 9:889-95, Nov-Dec 69 (Fre)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, physiology/ BLOOD PLATELETS,  
physiopathology/ BLOOD PLATELETS,  
radiation effects/ HEMATOPOIESIS/ HUMAN/  
KINETICS/ LONGEVITY/ \*METHIONINE,  
metabolism/ RADIATION EFFECTS/  
RADIOISOTOPE DILUTION TECHNIC/ RATS/  
\*SELENIUM/ THROMBOPENIA,  
physiopathology
191. Ardile NG, Packham MA, Mustard JF: Adenosine  
diphosphate-induced platelet aggregation in  
suspensions of washed rabbit platelets.  
Brit J Haemat 19:7-17, Jul 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE TRIPHOSPHATE/ ALBUMINS/  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ CALCIUM/  
CARBON ISOTOPES/ CITRATES/ EDTA/  
FIBRINOGEN/ GLUCOSE/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ MAGNESIUM/  
METHODS/ PLATELET ADHESIVENESS, drug  
effects/ RABBITS/ SUSPENSIONS
192. Arduino LJ: Scalene node excision-biopsy in stages 3  
and 4 carcinoma of prostate: background notes and  
preliminary report. J Urol 103:458-61, Apr 70  
BIOPSY/ DRAINAGE/ HEMATOMA, etiology/  
INGUINAL CANAL/ \*LYMPH NODE  
EXCISION/ LYMPH NODES, pathology/  
LYMPHATIC METASTASIS/ METHODS/  
NECK/ NEOPLASM METASTASIS/ PELVIS/  
\*PROSTATIC NEOPLASMS, diagnosis/  
THORACIC DUCT/ WOUND INFECTION,  
etiology
193. Areekul S: Apparent viscosity of blood flowing in  
isolated rabbit ear. J Med Ass Thai 53:233-41, Apr 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
VISCOSITY/ \*EAR, EXTERNAL, blood supply/  
HEMATOCRIT/ RABBITS
194. Argenziano G, Rossi A: Il fattore XIII (fibrin stabilizing  
factor) negli epiteliomi cutanei.  
G Ital Derm 45:69-72, Feb 70 (Ita)  
ADULT/ AGED/ BLOOD COAGULATION  
TESTS/ \*CARCINOMA, BASAL CELL, blood/  
\*CARCINOMA, EPIDERMOID, blood/ \*FACTOR  
XIII, analysis/ FEMALE/ FIBRINOLYSIS/  
HUMAN/ MALE/ MIDDLE AGE/ \*SKIN  
NEOPLASMS, blood
195. Arienza B: Acción de la tetraciclina-L-metililisina con  
tripsina-alfaquilomotripsina en cirugía bucal.  
Trib Odont (B Air) 54:15-7, Jan-Mar 70 (Spa)  
CHYMOTRYPSIN, therapeutic use/ DRUG  
SYNERGISM/ METHACYCLINE, therapeutic  
use/ OXYTETRACYCLINE, therapeutic use/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ SPECIAL LIST  
DENTAL/ SURGERY, ORAL/ TRYPSIN,  
therapeutic use
196. Arima T, Muramatsu T, Saigo K, et al:  
Sialomucopolysaccharides from the bovine brain.  
Jap J Exp Med 39:301-9, Jun 69  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ \*BRAIN CHEMISTRY/  
CATTLE/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ FEMALE/ GEL  
FILTRATION/ MOLECULAR WEIGHT/  
\*MUCOPOLYSACCHARIDES, analysis/  
MUCOPOLYSACCHARIDES, isolation &  
purification/ PEPTIDE HYDROLASES/  
SALIVA, analysis/ ULTRACENTRIFUGATION
197. Arisawa M: [On the effects of anticoagulant for ocular  
hemorrhage] Folia Ophthal Jap 21:119-23, Feb 70 (Jap)  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, administration & dosage/  
\*CONJUNCTIVA/ ENGLISH ABSTRACT/  
\*HEMORRHAGE, drug therapy/ HEPARIN,  
administration & dosage/ \*HYALURONIDASE,



# AUTHOR SECTION

- administration & dosage/ MALE/  
OPHTHALMIC SOLUTIONS/ RABBITS
198. Armata J, Bryniak C, Garwicz S, et al: Nadpłytkowość w ostrej białaczce. Przegl Lek 25:754-6, 1969 (Pol)  
CHILD/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ \*LEUKEMIA, LYMPHOBLASTIC,  
complications/ \*THROMBOCYTOSIS,  
complications
  199. Armentrout RW: Pyrrolidonecarboxyl peptidease from rat liver. Biochim Biophys Acta 191:756-9, 1969  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BACILLUS SUBTILIS,  
enzymology/ CATTLE/ CENTRIFUGATION,  
DENSITY GRADIENT/ COLD/ DIPEPTIDES/  
DRUG STABILITY/ ELECTROPHORESIS/ GEL  
FILTRATION/ KINETICS/ LIVER, cytology/  
\*LIVER, enzymology/ METHODS/ \*PEPTIDE  
HYDROLASES/ PEPTIDE HYDROLASES,  
isolation & purification/ PRECIPITATION/  
PYRROLIDINONES/ RATS/ SPECIES  
SPECIFICITY/ TIME FACTORS
  200. Armstrong ML, Warner ED, Connor WE: Regression of coronary atheromatosis in rhesus monkeys.  
Circ Res 27:59-67, Jul 70  
ANIMAL EXPERIMENTS/ ARTERIES/  
CHOLESTEROL, blood/ \*CORONARY  
DISEASE, therapy/ CORONARY VESSELS,  
pathology/ DIET, ATHEROGENIC/ \*DIET  
THERAPY/ DIETARY FATS/ DISEASE  
MODELS, ANIMAL/ HYPERCHOLESTEREMIA,  
etiology/ LIPIDS, blood/ MONKEYS
  201. Arndts D, Råker KO, Török P, et al: Studien zur Verteilung und Elimination eines Proteinase-Inhibitors mit Isotopentechniken. Arzneimittelforschung 20:667-74, May 70 (Ger)  
ANIMAL EXPERIMENTS/ BLADDER, analysis/  
BRAIN CHEMISTRY/ ENGLISH ABSTRACT/  
FECEs, analysis/ FEMALE/ GLOMERULAR  
FILTRATION RATE/ INTESTINES, analysis/  
IODINE ISOTOPES/ KALLIKREIN-TRYPSIN  
INACTIVATOR, analysis/  
KALLIKREIN-TRYPSIN INACTIVATOR, blood/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
metabolism/ KALLIKREIN-TRYPSIN  
INACTIVATOR, urine/ KIDNEY, analysis/  
KIDNEY, physiology/ LIVER, analysis/ LUNG,  
analysis/ MALE/ MICE/ MYOCARDIUM,  
analysis/ RADIOAUTOGRAPHY/  
RADIOIMMUNOASSAY/ RATS/ SKIN, analysis/  
SPLEEN, analysis/ STOMACH, analysis/  
SUBMANDIBULAR GLAND, analysis
  202. Arnesen H, Ly B: Et tilfelle av lungeemboli behandlet med streptokinase. T Norsk Laegeforen 90:1470-2, 15 Jul 70 (Nor)  
ADULT/ ANGIOGRAPHY/ ENGLISH  
ABSTRACT/ HUMAN/ LUNG, radiography/  
MALE/ \*PULMONARY EMBOLISM, drug  
therapy/ \*STREPTOKINASE, administration &  
dosage/ TIME FACTORS
  203. Arnesjö B, Nilsson A, Barrowman J, et al: Intestinal digestion and absorption of cholesterol and lecithin in the human. Intubation studies with a fat-soluble reference substance. Scand J Gastroent 4:653-65, 1969  
AMYLASE, metabolism/ ASPIRATION/  
\*CHOLESTEROL, metabolism/ DIGESTION/  
FATTY ACIDS, NONESTERIFIED, metabolism/  
HUMAN/ \*INTESTINAL ABSORPTION/  
INTESTINE, SMALL, metabolism/  
INTUBATION, GASTROINTESTINAL/  
JEJUNUM, enzymology/ \*LECITHINS,  
metabolism/ LIPASE, metabolism/  
LYSOLECITHIN, metabolism/  
PHOSPHOLIPASE, metabolism/ STEROLS,  
metabolism/ TRITIUM/ TRYPSIN, metabolism
  204. Arnold K, Eftekhari H, Schellerer W: Experimentelle Untersuchungen zur Adhäsionsprophylaxe in der Pleurahöhle mit Chondroitinschwefelsäure. Bruns Beitr Klin Chir 217:374-6, Jun 69 (Ger)  
\*ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ \*CHONDROITIN, therapeutic  
use/ DOGS/ ENGLISH ABSTRACT/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*PLEURAL DISEASES,  
prevention & control/ SULFURIC ACIDS,  
therapeutic use/ THORAX, surgery
  205. Arnon R, Neurath H: Immunochemical studies on bovine trypsin and trypsinogen derivatives. Immunochemistry 7:241-50, Mar 70  
ALANINE/ AMINES/ ANIMAL  
EXPERIMENTS/ ANTIGEN-ANTIBODY  
REACTIONS/ CATTLE/ ESTERS/ GEL  
DIFFUSION TESTS/ GLYCINE/ GUANIDINES/  
IMMUNOCHEMISTRY/ METHANE/  
MOLECULAR BIOLOGY/ NITRATES/  
PRECIPITIN TESTS/ RABBITS/ \*TRYPSIN/  
\*TRYPSINOGEN/ TYROSINE
  206. Arnon R, Neurath H: An immunological approach to the study of evolution of trypsins. Proc Nat Acad Sci USA 64:1323-8, Dec 69  
ANIMAL EXPERIMENTS/ ANTIBODIES/  
ANTIGEN-ANTIBODY REACTIONS/ CATTLE/  
ECHINODERMATA/ EVOLUTION/  
IMMUNOGLOBULINS/ PRECIPITIN TESTS/  
SHARKS/ SPECIES SPECIFICITY/ SWINE/  
\*TRYPSIN/ TRYPSIN INHIBITORS
  207. Aron-Rosa D, Morax PV, Aron JJ, et al: Exophtalmies oedémateuses endocriniennes et blocage circulatoire veineux orbitaire. Intérêt des phlébographies. Ann Oculist (Paris) 203:1-24, Jan 70 (Fre)  
AGED/ ANIMAL EXPERIMENTS/  
CORTICOTROPIN, therapeutic use/ DIPLOPIA,  
complications/ EDEMA, complications/  
ENGLISH ABSTRACT/ \*EXOPHTHALMOS/  
EXOPHTHALMOS, chemically induced/  
EXOPHTHALMOS, drug therapy/  
EXOPHTHALMOS, etiology/ FEMALE/  
HEPARIN, therapeutic use/ HUMAN/  
HYPERTENSION, complications/  
HYPERTHYROIDISM, complications/  
HYPERTHYROIDISM, drug therapy/  
INTRAOCULAR PRESSURE/ MALE/ MIDDLE  
AGE/ MYOSITIS, drug therapy/  
OCULOMOTOR MUSCLES, physiopathology/  
ORBIT, blood supply/ \*PHLEBOGRAPHY/  
\*THYROID HORMONES, adverse effects
  208. Aronova ER, Kalugina GN, Alimova MA: Razdel'noe poluchenie komponentov krovi i ikh konservirovanie. Probl Gemat 13:56-7, Jan 68 (Rus)  
\*BLOOD PLATELETS/ \*BLOOD  
PRESERVATION/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ \*LEUKOCYTES/  
METHODS/ \*PHARMACEUTIC AIDS/ TIME  
FACTORS
  209. Aronsen KF, Husberg B, Nilsson IM, et al: Coagulation studies during immunosuppressive treatment in non-transplanted dogs. Acta Chir Scand 135:569-73, 1969  
ANIMAL EXPERIMENTS/  
\*ANTILYMPHOCYTE SERUM,  
pharmacodynamics/ \*AZATHIOPRINE,  
pharmacodynamics/ BLOOD CELL COUNT/  
\*BLOOD COAGULATION, drug effects/  
\*BLOOD COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
drug effects/ DOGS/ FEMALE/ FIBRINOGEN/  
GAMMA GLOBULIN, 7S/ HEMATOCRIT/  
MALE/ THROMBIN/ TRANSPLANTATION  
IMMUNOLOGY
  210. Aronson SB, Elliott JH, Moore TE Jr, et al: Pathogenetic approach to therapy of peripheral corneal inflammatory disease. Amer J Ophthal 70:65-90, Jul 70  
ADOLESCENCE/ ADULT/ AGED/ ALKALIES/  
CHILD/ CHLORAMPHENICOL,  
therapeutic use/ COLISTIN, therapeutic use/  
\*CORNEA/ CORNEAL ULCER, drug therapy/  
EYE BURNS, drug therapy/ \*EYE DISEASES,  
drug therapy/ EYE DISEASES, etiology/  
FEMALE/ HEPARIN, therapeutic use/  
HUMAN/ KERATITIS, chemically induced/  
KERATITIS, drug therapy/ KERATITIS,  
DENDRITIC, drug therapy/  
KERATOCONJUNCTIVITIS, drug therapy/  
MALE/ MIDDLE AGE/ POLYMYXIN,  
therapeutic use/ POSTOPERATIVE  
COMPLICATIONS/ RETINAL DETACHMENT,  
drug therapy



# AUTHOR SECTION

211. Arora A, Gupta JC, Arora MM: Serum fibrinolytic activity and recalcified plasma clotting time in ischaemic heart disease.  
J Indian Med Ass 53:477-82, 16 Nov 69  
ADULT/ AGED/ \*BLOOD COAGULATION/  
BLOOD COAGULATION TESTS/ \*CORONARY  
DISEASE, blood/ \*FIBRINOLYSIS/ HUMAN/  
MIDDLE AGE
212. Arora RB, Khanna DS, Agarwal OP: Some observations on the development of spontaneous atherosclerosis in Indian domestic pigs (Sus-scrofa).  
Indian J Physiol Pharmacol 13:73-6, Jan 69  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, veterinary/ FATTY  
STREAK, ARTERIAL, pathology/ INDIA/  
SWINE/ \*SWINE DISEASES, pathology
213. Arruth JA: Post-tonsillectomy haemorrhage in a carrier of haemophilia A. J Laryng 83:1035-7, Oct 69  
ADULT/ BLOOD TRANSFUSION/ FACTOR  
VIII/ FEMALE/ \*HEMOPHILIA, complications/  
HEMOPHILIA, familial & genetic/  
\*HEMORRHAGE, ORAL, etiology/  
HEMORRHAGE, ORAL, therapy/ HUMAN/  
THROMBIN, therapeutic use/  
\*TONSILLECTOMY, adverse effects
214. Arseni C: Hematoamele intracerebrale primare.  
Neurologia (Bucur) 15:115-27, Mar-Apr 70 (Rum)  
ACUTE DISEASE/ ADULT/ \*CEREBRAL  
HEMORRHAGE/ CHILD/ CHRONIC DISEASE/  
FEMALE/ \*HEMATOMA/ HUMAN/ MALE/  
MIDDLE AGE
215. Arseni C, Iacob M: Calcified intracranial haematoma associated with chronic subdural hygroma.  
J Neurol Neurosurg Psychiat 33:205-7, Apr 70  
ADULT/ \*BRAIN DISEASES, cerebrospinal  
fluid/ BRAIN DISEASES, complications/  
\*CALCINOSIS, complications/ CAROTID  
ARTERIES, radiography/ FEMALE/  
HEADACHE, etiology/ \*HEMATOMA,  
complications/ HUMAN/  
PNEUMOENCEPHALOGRAPHY/ SKULL,  
radiography
216. Arseni C, Voinescu I, Dinu M: Diagnose und Symptome der Tumoren des Parietallappens.  
Schweiz Arch Neurol Neurochir Psychiat 106:209-22, 1970 (Ger)  
APRAXIA/ \*BRAIN NEOPLASMS, diagnosis/  
CEREBRAL ANGIOGRAPHY/  
ECHOENCEPHALOGRAPHY/  
ELECTROENCEPHALOGRAPHY/ ENGLISH  
ABSTRACT/ GERSTMANN'S SYNDROME/  
GLIOBLASTOMA MULTIFORME, diagnosis/  
GLIOMA, diagnosis/ HEMANGIOMA, diagnosis/  
HEMATOMA, diagnosis/ HUMAN/  
INTRACRANIAL PRESSURE/ MENINGIOMA,  
diagnosis/ MOVEMENT DISORDERS/  
MUSCULAR ATROPHY/ \*PARIETAL LOBE/  
PERCEPTUAL DISORDERS/ SPACE  
PERCEPTION/ SPEECH DISORDERS/  
VENTRICULOGRAPHY/ VISION DISORDERS
217. Art GP, Finlayson JS: Stability of immune serum globulin during storage: effects of prior heating.  
Vox Sang 17:419-33, Nov 69  
\*BLOOD PRESERVATION/ BLOOD PROTEIN  
ELECTROPHORESIS/ ELECTROPHORESIS/  
FIBRINOLYSIS/ \*GAMMA GLOBULIN/ GELS/  
HEAT/ HUMAN/ PLACENTA, immunology/  
STARCH/ TEMPERATURE/  
TRICHLOROACETIC ACID/  
ULTRACENTRIFUGATION
218. Arturson G: The plasma kinins in thermal injury.  
Scand J Clin Lab Invest Suppl 107:153+, 1969  
ANIMAL EXPERIMENTS/ \*BURNS/ DOGS/  
EDEMA/ HISTAMINE, analysis/ \*KININS,  
analysis/ \*LYMPH, analysis/ MALE/ \*PEPTIDE  
HYDROLASES, analysis
219. Arturson G: The plasma kinins in thermal injury.  
Scand J Clin Lab Invest 24:Suppl 107:153+, 1969  
ANIMAL EXPERIMENTS/ \*BURNS/ DOGS/  
EDEMA/ HISTAMINE, analysis/ \*KININS,  
analysis/ \*LYMPH, analysis/ MALE/ \*PEPTIDE  
HYDROLASES, analysis
220. Aruin LI, Vainshtein TI, Zbuk EA: Nekotorye voprosy patogeneza ostrogo pankreatita.  
Bull Eksp Biol Med 69:42-6, May 70 (Rus)  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
DISEASE MODELS, ANIMAL/ ENGLISH  
ABSTRACT/ \*HYDROCHLORIC ACID, toxicity/  
PANCREATITIS, chemically induced/  
PANCREATITIS, enzymology/  
PANCREATITIS, etiology/ PANCREATITIS,  
pathology/ PEPTIDE HYDROLASES, analysis/  
RATS/ TRYPSIN, analysis/ \*TRYPSIN,  
toxicity
221. Asai K: [Screening tests for coagulation disorders]  
Jap J Clin Path 16:Suppl 16:35-47, 1969 (Jap)  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ \*BLOOD COAGULATION TESTS/  
HUMAN/ METHODS
222. Asai K: [Screening tests for coagulation disorders]  
Jap J Clin Path 16:Suppl 16:35+, 1969 (Jap)  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ \*BLOOD COAGULATION TESTS/  
HUMAN/ METHODS
223. Asbeck F, Beyreuther K, Köhler H, et al: Virusproteine, IV. Die Konstitution des Hüllproteins des Phagen fd.  
Hoppe Seyler Z Physiol Chem 350:1047-66, Sep 69 (Ger)  
AMINO ACID SEQUENCE/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*COLIPHAGES/ ENGLISH ABSTRACT/  
FLUOROACETATES/ HYDROCHLORIC ACID/  
MOLECULAR WEIGHT/ OPTICAL ROTATORY  
DISPERSION/ PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES, analysis/  
SUCCINATES/ \*VIRAL PROTEINS, analysis
224. Asch BB, Gifford GE: Accelerated plaque formation by fowlpox virus in the presence of chymotrypsin.  
Appl Microbiol 18:897-900, Nov 69  
AGAR/ ANIMAL EXPERIMENTS/ \*ANTIBODY  
FORMATION/ CHICK EMBRYO/  
\*CHYMOTRYPSIN, pharmacodynamics/  
CULTURE MEDIA/ HEMOLYTIC PLAQUE  
TECHNIC/ KINETICS/ METHODS/ POXVIRUS,  
growth & development/ \*POXVIRUS,  
immunology/ TISSUE CULTURE/ VIRUS  
REPLICATION
225. Ashby EC: Nutritional benefit by delayed transit due to intestinal adhesions or jejunal plication.  
Brit J Surg 57:387, May 70  
ADHESIONS, metabolism/ ANIMAL  
EXPERIMENTS/ BODY WEIGHT/  
GASTRECTOMY/ \*GASTROINTESTINAL  
MOTILITY/ HEMOGLOBINOMETRY/  
\*INTESTINAL ABSORPTION/ \*INTESTINAL  
OBSTRUCTION, metabolism/ JEJUNUM,  
metabolism/ MALABSORPTION SYNDROMES,  
therapy/ RATS
226. Ashcar H: Staphylococcus aureus--avaliação de provas para sua identificação. Diferenças de comportamento bioquímico entre amostras de origem humana e animal.  
Rev Fac Odont P Alegre 7:5-39, Jan-Jun 69 (Por)  
BACTERIOLOGICAL TECHNIQUES/  
COAGULASE/ DEOXYRIBONUCLEASE/  
GLUCOSAMINE/ MANNITOL/  
PHOSPHATASES/ SPECIAL LIST DENTAL/  
STAPHYLOCOCCUS, isolation & purification
227. Ashizawa A, Kono T, Taura T: [Electron beam therapy of hemangioma] Rinsho Hosha 15:518-27, Jul 70 (Jap)  
CHILD, PRESCHOOL/ \*ELECTRONS/  
\*HEMANGIOMA, radiotherapy/ HUMAN/  
INFANT/ MALE/ \*RADIOTHERAPY, HIGH  
ENERGY
228. Ashley LM, Halver JE, Wellings SR: Case reports of three teleost neoplasms.  
Nat Cancer Inst Monogr 31:157-65, Jul 69  
ANGIOMA, SCLEROSING, pathology/  
\*ANGIOMA, SCLEROSING, veterinary/  
\*ANIMAL DISEASES/ FIBROSARCOMA,  
pathology/ \*FIBROSARCOMA, veterinary/



# AUTHOR SECTION

- FISH DISEASES/ \*FISHES/ LIP NEOPLASMS, pathology/ \*LIP NEOPLASMS, veterinary/ SARCOMA, RETICULUM CELL, pathology/ \*SARCOMA, RETICULUM CELL, veterinary/ SKIN APPENDAGE DISEASES, pathology/ \*SKIN APPENDAGE DISEASES, veterinary/ STOMACH NEOPLASMS, pathology/ \*STOMACH NEOPLASMS, veterinary
229. Ashmarin IP, Abenirova EL: Vliianie gistonov, protamina i aktivnitsina D na sintez RNK mozga. Vop Med Khim 15:532-5, Sep-Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BRAIN, cytology/ \*BRAIN CHEMISTRY, drug effects/ CARBON ISOTOPES/ COMPARATIVE STUDY/ \*DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ \*HISTONES, pharmacodynamics/ MICE/ \*PROTAMINES, pharmacodynamics/ RNA, antagonists & inhibitors/ \*RNA, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS/ TISSUE CULTURE/ URIDINE
230. Ashton FE, Jamieson JC, Friesen AD: Studies on the effect of inflammation on rat serum proteins. Canad J Biochem 48:841-50, Aug 70  
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FIBRINOGEN, analysis/ GLYCOPROTEINS, biosynthesis/ GLYCOPROTEINS, blood/ HAPTOGLOBINS, analysis/ HEXOSAMINES, blood/ HEXOSES, blood/ INFLAMMATION, blood/ INFLAMMATION, chemically induced/ \*INFLAMMATION, metabolism/ LEUCINE, metabolism/ MALE/ PROTEIN BINDING/ RATS/ SERUM ALBUMIN, biosynthesis/ TIME FACTORS/ TRITIUM/ TURPENTINE
231. Aslam FA, Eastridge CE, Hughes FA Jr: Pulmonary cavitation after embolism. Int Surg 53:157-61, Mar 70  
ADULT/ HEPARIN, therapeutic use/ HUMAN/ \*LUNG ABSCESS/ \*LUNG DISEASES, etiology/ MALE/ POSITIVE-PRESSURE RESPIRATION, adverse effects/ \*PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery
232. Aslanian NL, Shukhian VM: Metod opredeleniia fibrinoliticheskoi aktivnosti euglobulinovoi fraktsii plazmy i antifibrinoliticheskoi aktivnosti syvorotki krovi. Zh Eksp Klin Med 10:101-5, 1970 (Rus)  
\*BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS/ METHODS/ \*SERUM GLOBULINS
233. Aslanian NL, Shukhian VM: Ob opredelenii fibrinoliticheskoi aktivnosti tsel'noi krovi metodom tromboelastografii (pri gipertonicheskoi bolezni i tromboflebitak) Zh Eksp Klin Med 10:77-9, 1970 (Rus)  
\*FIBRINOLYSIS/ HUMAN/ \*HYPERTENSION, blood/ \*THROMBELASTOGRAPHY/ \*THROMBOPHLEBITIS, blood
234. Asp K, Salmenkivi K: 201 mit Trasylol behandelte Pankreatitiden. Langenbecks Arch Chir 325:351-2, 1969 (Ger)  
ACUTE DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN, administration & dosage/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ \*PANCREATITIS, drug therapy/ PANCREATITIS, mortality
235. Assal G: Régression des troubles de la reconnaissance des physiologies et de la mémoire topographique chez un malade opéré d'un hémistome intracérébral pariéto-temporal droit. Rev Neurol (Paris) 121:184-5, Aug 69 (Fre)  
\*BRAIN DISEASES, complications/ BRAIN DISEASES, surgery/ \*CEREBRAL CORTEX/ CEREBRAL CORTEX, surgery/ \*COGNITION DISORDERS, etiology/ DYSLEXIA, etiology/ \*HEMATOMA, complications/ HEMATOMA, surgery/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ \*MEMORY DISORDERS, etiology/ MIDDLE AGE/ PARIETAL LOBE/ PHYSIOGNOMY/ TEMPORAL LOBE
236. Assal G, Zander E: Rappel de la symptomatologie neuropsychologique des lésions hémisphériques droites. Schweiz Arch Neurol Neurochir Psychiat 105:217-39, 1969 (Fre)  
AGED/ \*AGNOSIA, etiology/ \*AGRAPHIA, etiology/ \*APRAXIA, etiology/ \*BRAIN NEOPLASMS, complications/ CEREBRAL HEMORRHAGE, complications/ \*CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ \*GLIOBLASTOMA MULTIFORME, complications/ HEMATOMA, complications/ HUMAN/ \*LANGUAGE DISORDERS, etiology/ MALE/ \*MENTAL DISORDERS, etiology/ MIDDLE AGE/ \*PERCEPTUAL DISORDERS, etiology/ SUBARACHNOID HEMORRHAGE, complications/ TEMPORAL LOBE
237. Astrup T, Glas P, Kok P: Thromboplastic and fibrinolytic activity in lungs of some mammals. Lab Invest 22:381-6, May 70  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CATS/ ENZYME ACTIVATION/ \*FIBRINOLYSIS, analysis/ GOATS/ GUINEA PIGS/ HUMAN/ \*LUNG, analysis/ LUNG, enzymology/ MICE/ MONKEYS/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ \*THROMBOPLASTIN, analysis
238. Atac A, Spagnuolo M, Zucker MB: Long-term inhibition of platelet functions by aspirin. Proc Soc Exp Biol Med 133:1331-3, Apr 70  
ADENINE NUCLEOTIDES, pharmacodynamics/ ADOLESCENCE/ ADULT/ ARTHRITIS, RHEUMATOID, blood/ ASPIRIN, administration & dosage/ \*ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CARBON ISOTOPES/ CHILD/ CLINICAL RESEARCH/ CONNECTIVE TISSUE/ DEPRESSION, CHEMICAL/ EPINEPHRINE, pharmacodynamics/ FIBRINOLYTIC AGENTS/ HUMAN/ RHEUMATIC FEVER, blood/ SEROTONIN, metabolism/ SNAKES/ VENOMS
239. Atanassov K: Der Thrombaggglutinationstest bei kranken mit Atherosklerose und Hypertonie. Folia Med (Plovdiv) 11:195-9, 1969 (Ger)  
\*ARTERIOSCLEROSIS, blood/ \*BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ HUMAN/ \*HYPERTENSION, blood
240. Atarashi J, Terashi A, Shoda T, et al: [Collagen diseases and neurologic symptoms] Jap J Clin Med 28:488-97, 10 Mar 70 (Jap)  
ADULT/ BEHCET'S SYNDROME, complications/ \*COLLAGEN DISEASES, complications/ DERMATOMYOSITIS, complications/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ \*NEUROLOGIC MANIFESTATIONS/ PERIARTERITIS NODOSA, complications/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ RHEUMATIC FEVER, complications/ SCLERODERMA, complications/ WEGENER'S GRANULOMATOSIS, complications
241. Atherton RS, Laws JF, Miles BJ, et al: Bovine brain creatine phosphotransferase: amino acid sequence around the essential thiol groups. Biochem J 117:30P-31P, Apr 70  
AMINO ACID SEQUENCE/ \*BRAIN, enzymology/ CARBON ISOTOPES/ CATTLE/ \*CREATINE KINASE, analysis/ IODOACETATES/ \*SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN
242. Atik M, Harkess JW, Wichman H: Prevention of fatal pulmonary embolism. Surg Gynec Obstet 130:403-13, Mar 70  
ADULT/ BLOOD COAGULATION FACTORS/



# AUTHOR SECTION

- BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ \*DEXTRAN, administration & dosage/ FEMALE/ FEMORAL FRACTURES, complications/ FEMORAL FRACTURES, surgery/ FIBRINOGEN, analysis/ \*FIBRINOLYTIC AGENTS, administration & dosage/ \*FRACTURE FIXATION/ FRACTURE FIXATION, INTERNAL/ FRACTURES, complications/ HIP, injuries/ HUMAN/ MALE/ MIDDLE AGE/ PELVIC BONES, injuries/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ \*PULMONARY EMBOLISM, prevention & control/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy
243. Atkins P, Lempke RE: The effect of hypoxia on the platelet count. *Brit J Surg* 57:583-6, Aug 70  
ANIMAL EXPERIMENTS/ \*ANOXIA, blood/ ANOXIA, complications/ ARTERIES/ \*BLOOD CELL COUNT/ \*BLOOD PLATELETS/ OXYGEN, blood/ POSTOPERATIVE COMPLICATIONS, etiology/ RABBITS/ THROMBOCYTOSIS, etiology/ THROMBOPHLEBITIS, etiology
244. Atkins P, Lempke RE: Reduction of postoperative thrombocytosis. *Surgery* 67:978-80, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ LAPAROTOMY/ OXYGEN, blood/ \*OXYGEN INHALATION THERAPY/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS/ \*THROMBOCYTOSIS, prevention & control/ THROMBOEMBOLISM, prevention & control
245. Atsumi K: [Present status of the artificial heart] *Surg Ther (Osaka)* 21:306-25, Sep 69 (107 ref.) (Jap)  
ANIMAL EXPERIMENTS/ CATTLE/ CORONARY VESSELS/ DOGS/ ELECTROCARDIOGRAPHY/ \*HEART, ARTIFICIAL/ HEART, ARTIFICIAL, classification/ HEART, ARTIFICIAL, instrumentation/ HEART RATE/ HEPARIN/ HUMAN/ METHODS/ POLYURETHANES/ REGIONAL BLOOD FLOW/ REVIEW/ SHEEP/ SILICON
246. Attar S, Boyd D, Layne E, et al: Alterations in coagulation and fibrinolytic mechanisms in acute trauma. *J Trauma* 9:939-65, Nov 69  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BRADYKININ, analysis/ BRAIN INJURY, ACUTE, blood/ CHILD/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ SHOCK, blood/ THROMBELASTOGRAPHY/ \*WOUNDS AND INJURIES, blood
247. Attar S, Hanashiro P, Mansberger A, et al: Intravascular coagulation—reality or myth? *Surgery* 68:27-33, Jul 70  
AUTOPSY/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ CARDIOVASCULAR SYSTEM, physiopathology/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ \*LIVER, pathology/ MALE/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ \*SHOCK, complications/ SHOCK, ENDOTOXIC, complications/ SHOCK, HEMORRHAGIC, complications/ SHOCK, TOXIC, complications/ SHOCK, TRAUMATIC, complications
248. Attygalle D, Ratnaike VT, Suntharalingam M: A case of Kaposi's sarcoma. *Ceylon Med J* 14:196-9, Dec 69  
ADULT/ ANGIOMATOSIS, pathology/ CASE REPORT/ HUMAN/ MALE/ \*SARCOMA, KAPOSI'S/ SARCOMA, KAPOSI'S, pathology
249. Atzpodien W, Bode H: Purification and regulatory properties of ATP-sensitive phosphofructokinase from yeast. *Europ J Biochem* 12:126-32, Jan 70  
ACETONE/ ADENINE NUCLEOTIDES/ \*ADENOSINE TRIPHOSPHATE/ AMMONIUM COMPOUNDS/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ PHOSPHATES/ \*PHOSPHOFRUCTOKINASE/ PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ PHOSPHOFRUCTOKINASE, isolation & purification/ PHOTOMETRY/ POLYSACCHARIDES/ PRECIPITATION/ PROTAMINES/ PYRUVATES/ SACCHAROMYCES, enzymology/ SULFURIC ACIDS/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS
250. Atzpodien W, Gancedo JM, Hagmaier V, et al: Desensitization of yeast phosphofructokinase to ATP-inhibition by a protein fraction from yeast. *Europ J Biochem* 12:6-10, Jan 70  
ACETONE/ ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ \*ADENOSINE TRIPHOSPHATASE/ AMMONIUM COMPOUNDS/ CHEMISTRY/ DRUG STABILITY/ FLUORIDES/ HEAT/ HEXOSEPHOSPHATES/ KINETICS/ MAGNESIUM/ \*PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ \*PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PRECIPITATION/ PROTAMINES/ \*SACCHAROMYCES/ SACCHAROMYCES, enzymology/ SULFATES/ TIME FACTORS/ TRYPSIN/ YEAST, DRIED
251. Audier AG: Changes in the activity of blood plasma after administration of 3-pyridyl acetic acid in leprosy patients. Correlation of activity changes with the Mitsuda reaction. *Int J Leprosy* 36:405-12, Oct-Dec 69  
ACETIC ACIDS, therapeutic use/ ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ \*FIBRINOLYSIS, analysis/ HUMAN/ \*LEPROSY, blood/ LEPROSY, complications/ LEPROSY, drug therapy/ MALE/ NICOTINIC ACID, pharmacodynamics
252. Audier M, Serradimigni A, Poggi L: Faut-il continuer le traitement anticoagulant au long cours? *Première mémoire. Ses dangers.* *Bull Acad Nat Med (Paris)* 153:274-9, 1969 (Fr)  
\*ANTICOAGULANTS, adverse effects/ CHILD/ CHILD, PRESCHOOL/ \*HEPARIN, adverse effects/ TIME FACTORS/ \*VITAMIN K, antagonists & inhibitors
253. Augur NA Jr, Gracie WA Jr: Cholecystocolonic fistula associated with malabsorption. *Amer J Gastroent* 53:558-63, Jun 70  
AGED/ \*BILIARY FISTULA, complications/ BILIARY FISTULA, radiography/ BILIARY FISTULA, surgery/ BODY WEIGHT/ CHOLANGIOGRAPHY/ CHOLECYSTECTOMY/ CHOLESTEROL, blood/ COLONIC DISEASES, complications/ DIARRHEA, etiology/ HUMAN/ INTESTINAL ABSORPTION/ \*INTESTINAL FISTULA, complications/ \*MALABSORPTION SYNDROMES, etiology/ MALE/ PROTHROMBIN TIME/ SPRUE, etiology
254. August CS, Berkel AI, Levey RH, et al: Establishment of immunological competence in a child with congenital thymic aplasia by a graft of fetal thymus. *Lancet* 1:1080-3, 23 May 70  
AGAMMAGLOBULINEMIA, pathology/ \*AGAMMAGLOBULINEMIA, surgery/ \*ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BIOPSY/ FETUS/ HUMAN/ INFANT/ LEUKOCYTES, immunology/ LEUKOCYTES, metabolism/ LYMPH NODES, pathology/ LYMPHOCYTE TRANSFORMATION/ MALE/ MONILIALES/ NITROBENZENES/ PLANT AGGLUTININS/ SKIN, cytology/ SKIN, transplantation/ SKIN TESTS/ STREPTOKINASE/ THYMIDINE, metabolism/ \*THYMUS GLAND, abnormality/ \*THYMUS GLAND, transplantation/



# AUTHOR SECTION

- TRANSPLANTATION, HOMOLOGOUS/  
TRITIUM
255. Aumaitre A, Février C, Rerat A, et al: Application de l'analyse en continu à l'étude des variations de la glycémie du sang porte au cours de la digestion chez le porc.  
C R Acad Sci [D] (Paris) 268:717-20, 27 Jan 69 (Fre)  
ANIMAL EXPERIMENTS/ \*BLOOD SUGAR, analysis/ DIETARY CARBOHYDRATES/ \*DIGESTION/ GLUCOSE/ GLUCOSE, metabolism/ HEPARIN, pharmacodynamics/ INTESTINAL ABSORPTION/ \*MONITORING SYSTEMS/ MONITORING SYSTEMS, instrumentation/ \*PORTAL VEIN/ STARCH/ SWINE
  256. Austin JP, Glaser EM: Inhibition of experimental tumours by defibrinogenation. Clin Sci 37:878, Dec 69  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, administration & dosage/  
\*FIBRINOGEN, metabolism/ INJECTIONS, INTRAPERITONEAL/ MICE/ \*NEOPLASMS, EXPERIMENTAL, drug therapy/ \*VENOMS, administration & dosage
  257. Austin JP, Glaser EM: Enhancement of anti-tumour effect by cooling. Int J Biometeor 13:183-7, Oct 69  
AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, metabolism/ \*COLD/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ MICE/ NEOPLASMS, EXPERIMENTAL, blood/ \*NEOPLASMS, EXPERIMENTAL, drug therapy/ \*PROTAMINES, pharmacodynamics/ SARCOMA 180, CROCKER, drug therapy
  258. Avalos JS, Vitacco M, Molinas F, et al: Coagulation studies in the hemolytic-uremic syndrome.  
J Pediat 76:538-48, Apr 70  
\*ANEMIA, HEMOLYTIC, etiology/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CHILD, PRESCHOOL/ FIBRINOLYSIS/ HUMAN/ INFANT/ THROMBOPENIA, occurrence/ \*UREMIA, etiology
  259. Aviado DM, Sadavongvivad C: Pharmacological significance of biogenic amines in the lungs: histamine. Brit J Pharmacol 38:366-73, Feb 70  
ALBUMINS/ ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CATS/ DOGS/ FEMALE/ FLUOROMETRY/ GOATS/ GUINEA PIGS/ \*HISTAMINE, analysis/ HISTAMINE, metabolism/ HISTAMINE, pharmacodynamics/ HUMAN/ \*LUNG, analysis/ LUNG, drug effects/ MALARIA, metabolism/ MALE/ MICE/ RABBITS/ RATS/ SEROTONIN, analysis
  260. Avramenko LV, Martyniuk LA: K lecheniu bol'nykh adgezivnym srednim otitom.  
Zh Ushn Nos Gori Bolez 29:103-6, Jan-Feb 69 (Rus)  
\*ADHESIONS, therapy/ ADOLESCENCE/ ADULT/ AGED/ AUDIOMETRY/ CHILD/ CHYMOTRYPSIN, administration & dosage/ EUSTACHIAN TUBE/ HUMAN/ IONTOPHORESIS/ MIDDLE AGE/ \*OTITIS MEDIA, therapy
  261. Awalt LF: Effect of other drugs on oral anticoagulants.  
Maryland Med J 18:103-4, Oct 69  
ACETAMINOPHEN, pharmacodynamics/ \*ANTICOAGULANTS/ COUMARINS, pharmacodynamics/ DRUG ANTAGONISM/ DRUG SYNERGISM/ HEPARIN, pharmacodynamics/ HUMAN/ OXYPHENBUTAZONE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PROTHROMBIN TIME/ QUINIDINE, pharmacodynamics/ \*THROMBOEMBOLISM, drug therapy/ VITAMIN K, pharmacodynamics/ WARFARIN, administration & dosage
  262. Axén R, Myrin PA, Janson JC: Chemical fixation of chymotrypsin to water-insoluble crosslinked dextran (sephadex) and solubilization of the enzyme derivatives by means of dextranase.  
Biopolymers 9:401-13, 1970  
CHEMISTRY/ CHROMATOGRAPHY/  
\*CHYMOTRYPSIN/ \*DEXTRAN/ \*GLYCOSIDE HYDROLASES/ HYDROGEN-ION CONCENTRATION/ PROTEIN BINDING/ SOLUBILITY/ SPECTROPHOTOMETRY
  263. Axline SG: Functional biochemistry of the macrophage.  
Seminars Hemat 7:142-60, Apr 70 (132 ref.)  
ACID PHOSPHATASE, analysis/ BINDING SITES/ BLOOD BACTERICIDAL ACTIVITY/ \*BLOOD PROTEINS, biosynthesis/ \*CARBOHYDRATES, metabolism/ CELL DIFFERENTIATION/ CELL MEMBRANE, drug effects/ CHEMOTAXIS/ CHYMOTRYPSIN, analysis/ COMPLEMENT/ DNA, biosynthesis/ ESCHERICHIA COLI, metabolism/ GLUCURONIDASE, analysis/ GOLGI APPARATUS/ HYALURONIDASE, analysis/ LIPASE, analysis/ \*LIPIDS, metabolism/ LYOSOMES/ MACROPHAGES, enzymology/ \*MACROPHAGES, metabolism/ MONOCYTES, enzymology/ \*MONOCYTES, metabolism/ MURAMIDASE, analysis/ PHAGOCYTOSIS/ PHOSPHORUS ISOTOPES/ PINOCYTOSIS/ REVIEW/ RNA, biosynthesis/ STAPHYLOCOCCUS, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM
  264. Ayad S, Steven FS, Jackson DS: The absence of alpha-keto acids in polymeric collagen.  
Biochim Biophys Acta 188:302-6, 1969  
ACETIC ACIDS/ ALANINE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ \*COLLAGEN, analysis/ DIALYSIS/ \*KETO ACIDS, analysis/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PHENYLHYDRAZINE/ POLYMERS/ PYRUVATES/ \*SKIN, analysis/ SKIN, embryology/ SOLUBILITY
  265. Ayas E, Amaya H, Abosca O, et al: Fundamentos, observaciones y resultados del tratamiento de la enfermedad oclusiva arterial de los miembros inferiores.  
Prensa Med Argent 56:1820-4, 28 Nov 69 (Spa)  
ANTICOAGULANTS/ \*ARTERIOSCLEROSIS, surgery/ ENGLISH ABSTRACT/ \*FEMORAL ARTERY, surgery/ HUMAN/ \*LEG, blood supply/ MIDDLE AGE/ POSTOPERATIVE CARE/ SYMPLECTOMY/ VASCULAR DISEASES, therapy
  266. Azegami M, Ishii SI, Ando T: Studies on protamines. XIV. Partial chemical structure of one component of clupeine, clupeine Z.  
J Biochem (Tokyo) 67:523-32, Apr 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ CHROMATOGRAPHY/ FISHES/ \*PEPTIDES/ \*PROTAMINES, analysis/ SPERMATOZOA, analysis
  267. Azimova RM: Rezul'taty vnutrikostnogo metoda lechenia tromboflebitov nizhnikh konechnostei.  
Sovet Zdravookhr Kirgiz 1:52-3, Jan-Feb 70 (Rus)  
ADULT/ BONE MARROW, drug effects/ FEMALE/ \*HEPARIN, administration & dosage/ HUMAN/ \*LEG, blood supply/ MALE/ MIDDLE AGE/ \*PENICILLIN, administration & dosage/ \*PROCAINE, administration & dosage/ \*THROMBOPHLEBITIS, drug therapy/ TIBIA, surgery
  268. Azletskaia-Romanovskaia, Shabrova TF, Zamoldinova NF: Znachenie stafilokokkonositel'stva u rozhennits i chuvstvitel'nost' mikroba k antibiotikam.  
Vop Okhr Materin Dets 14:89-90, Aug 69 (Rus)  
\*BLOOD COAGULATION/ DELIVERY/ FEMALE/ HUMAN/ \*LABOR COMPLICATIONS/ \*PLACENTA/ PREGNANCY
  269. Aznar J: Modification of the phospholipids structure of platelets through the action of heparin.  
Rev Esp Fisiol 25:87-91, Jun 69  
\*BLOOD PLATELETS, drug effects/ BLOOD PROTEINS/ ENGLISH ABSTRACT/



## AUTHOR SECTION

- HEPARIN, pharmacodynamics/ HUMAN/  
LIPASE, blood/ \*PHOSPHOLIPIDS, blood
270. Aznar J, Parrila JJ, Aznar JA: Test de la  
trombina-estreptoquinasa.  
Sangre (Barc) 15:269-74, 1970 (Spa)  
\*BLOOD COAGULATION TESTS/  
\*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
HUMAN/ STREPTOKINASE/ THROMBIN
271. Azuma I: [A study of experimental glaucoma induced  
by alpha-chymotrypsin]  
Folia Ophthal Jap 21:572-82, Aug 70 (Jap)  
ANIMAL EXPERIMENTS/ ANTERIOR  
CHAMBER, pathology/ AQUEOUS HUMOR,  
physiopathology/ \*CHYMOTRYPSIN/ ENGLISH  
ABSTRACT/ \*GLAUCOMA,  
chemically induced/ GLAUCOMA,  
physiopathology/ INTRAOCULAR PRESSURE,  
drug effects/ RABBITS
272. Azzolini A: Le angiodisplasie della mano.  
Minerva Chir 23:313-31, 15 Apr 68 (Ita)  
ADULT/ ANGIOGRAPHY/ \*ANGIOMA,  
SCLEROSING, drug therapy/ \*ANGIOMATOSIS,  
surgery/ \*BLOOD VESSELS, abnormalities/  
CHILD, PRESCHOOL/ HAND/ \*HAND, blood  
supply/ \*HEMANGIOMA/ HUMAN/ MALE/  
SCLEROSING SOLUTIONS, therapeutic use/  
\*TELANGIECTASIS, surgery/ VASCULAR  
SURGERY
- ### B
273. Baar S: Plasma protein changes in mild thermal trauma.  
J Trauma 10:884-9, Aug 70  
ADOLESCENCE/ ADULT/ AGED/ ALPHA  
GLOBULIN, analysis/ BETA GLOBULIN,  
analysis/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD PROTEINS,  
analysis/ \*BURNS, blood/ CHILD/ CHILD,  
PRESCHOOL/ FIBRINOGEN, analysis/ GAMMA  
GLOBULIN, analysis/ HUMAN/ MIDDLE AGE/  
SERUM ALBUMIN, analysis
274. Baba K, Ishizaka S: The rotatory relaxation of  
fibrinogen in mucopolysaccharide solution detected  
by fluorescence-depolarization.  
Biorheology 6:246, Jan 70  
\*FIBRINOGEN/ FLUORESCENCE/ LIGHT/  
MOLECULAR BIOLOGY/  
\*MUCOPOLYSACCHARIDES/ ROTATION/  
SOLUTIONS
275. Bababunmi EA, Bassir O: The effect of aflatoxin on  
blood clotting in the rat.  
Brit J Pharmacol 37:497-500, Oct 69  
AFLATOXIN, analysis/ \*AFLATOXIN,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
ANTICOAGULANTS/ BENZOPYRANS,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ BLOOD COAGULATION TESTS/  
DIET/ FOOD ANALYSIS/ LACTONES,  
pharmacodynamics
276. Babalian NN: Ob arterio-venoznoi raznitse  
svertyvalushchei i antisvertyvalushchei sistem krovi  
pri obliterirulushchem endarterilite nizhnikh  
konechnostei. Zh Eksp Klin Med 9:39-44, 1969 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ ARTERIES/  
\*BLOOD COAGULATION/ \*ENDARTERITIS,  
blood/ FEMALE/ HUMAN/ \*LEG, blood  
supply/ MALE/ MIDDLE AGE/ VEINS
277. Babalich AK: Koagulatsionnye svoistva krovi pri  
appenditsite. Sovet Med 33:152-3, 1970 (Rus)  
\*APPENDICITIS, blood/ \*BLOOD  
COAGULATION/ HUMAN
278. Babel E, Cristea E: Influența heparinei asupra  
lipoproteinelor plasmatice la bolnavii cu  
ateroscleroză coronariană.  
Stud Cercet Med Intern 10:537-46, 1969 (Rum)  
\*ARTERIOSCLEROSIS, blood/ \*CORONARY  
DISEASE, blood/ ENGLISH ABSTRACT/  
\*HEPARIN, pharmacodynamics/ HUMAN/  
\*LIPOPROTEINS, blood
279. Babel E, Ungureanu E, Cristea E: Influența heparinei  
asupra rezistenței osmotice a eritrocitelor la normali  
și la bolnavii cu ateroscleroză coronariană.  
Stud Cercet Med Intern 11:81-6, 1970 (Rum)  
ADOLESCENCE/ ADULT/ AGED/  
\*ARTERIOSCLEROSIS, blood/ \*CORONARY  
DISEASE, blood/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ FEMALE/ \*HEPARIN,  
pharmacodynamics/ HUMAN/ MALE/ MIDDLE  
AGE/ \*OSMOTIC FRAGILITY
280. Babel J: Les tumeurs de l'iris.  
Arch Ophthal (Paris) 28:809-14, Dec 68 (Fre)  
ADULT/ CHOROID NEOPLASMS, diagnosis/  
CILARY BODY/ \*EYE NEOPLASMS/  
GLAUCOMA, etiology/ HEMANGIOMA,  
diagnosis/ HEMANGIOMA, etiology/ HUMAN/  
INTRAOCULAR PRESSURE/ \*IRIS/  
LEIOMYOMA, diagnosis/ MELANOMA,  
diagnosis/ MELANOSIS, pathology/ MIDDLE  
AGE/ NEVUS, complications/ SARCOMA,  
diagnosis/ SARCOMA, etiology/ TIME  
FACTORS
281. Babilor BM, Kipnes RS: Vitamin K dependent formation  
of factor VII by a cell-free system from rat liver.  
Biochemistry (Wash) 9:2564-9, 23 Jun 70  
ANIMAL EXPERIMENTS/ CALCIUM,  
pharmacodynamics/ CELL-FREE SYSTEM/  
\*FACTOR VII, biosynthesis/ \*LIVER, drug  
effects/ LIVER, metabolism/ RATS/ SALTS/  
TIME FACTORS/ ULTRACENTRIFUGATION/  
\*VITAMIN K, pharmacodynamics/ WARFARIN,  
pharmacodynamics
282. Bach G, Rex JO, Riethling AK, et al:  
Tierexperimentelle Untersuchungen zur  
hämostatischen Wirksamkeit des  
Isopropyl-Adrenochrommonosemilkarbazon-  
Novochrom.  
Deutsch Gesundh 24:359-63, 11 Mar 69 (Ger)  
\*ADRENOCHROME, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
drug effects/ DOGS/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMOSTASIS/ MALE/ RABBITS/  
\*SEMICARBAZIDES, pharmacodynamics
283. Bach G, Schulz FH, Kothe W, et al: Das Verhalten des  
Fibrinogens nach Operationen. II. Untersuchungen  
zur Abhängigkeit vom Lebensalter der Patienten.  
Deutsch Gesundh 24:1320-2, 10 Jul 69 (Ger)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ ENGLISH ABSTRACT/ \*FIBRINOGEN,  
analysis/ HUMAN/ MIDDLE AGE/ \*SURGERY,  
OPERATIVE/ TIME FACTORS
284. Bach JF: Les sérums antilymphocytes. I.  
Rev Europ Etud Clin Biol 15:28-55, Jan 70 (341 ref.) (Fre)  
ANIMAL EXPERIMENTS/ ANTIBODY  
FORMATION/ ANTIGEN-ANTIBODY  
REACTIONS/ ANTIGENS/  
\*ANTILYMPHOCYTE SERUM/  
ANTILYMPHOCYTE SERUM, biosynthesis/  
ANTILYMPHOCYTE SERUM,  
pharmacodynamics/ DOGS/ ENGLISH  
ABSTRACT/ ERYTHROCYTES/ GAMMA  
GLOBULIN, 7S/ GRAFT VS HOST  
REACTION, prevention & control/ HUMAN/  
HYPERSENSITIVITY, DELAYED, prevention &  
control/ IMMUNE TOLERANCE/  
IMMUNOSUPPRESSIVE AGENTS/  
INFLAMMATION, prevention & control/  
LYMPH NODES, immunology/ LYMPHOCYTE  
TRANSFORMATION/ LYMPHOCYTES, drug  
effects/ LYMPHOCYTES, immunology/  
LYMPHOID TISSUE, drug effects/ LYMPHOID  
TISSUE, immunology/ LYMPHOPENIA,  
chemically induced/ RABBITS/ REVIEW/  
SPLEEN, immunology/ THROMBOPENIA/  
THYMUS GLAND, immunology/  
TRANSPLANTATION IMMUNOLOGY
285. Bach JF: Les sérums antilymphocytes. II.  
Rev Europ Etud Clin Biol 15:258-78, Mar 70 (221 ref.) (Fre)  
ANIMAL EXPERIMENTS/ ANTIBODIES/  
\*ANTILYMPHOCYTE SERUM/  
ANTILYMPHOCYTE SERUM, adverse effects/  
ANTILYMPHOCYTE SERUM, isolation &



## AUTHOR SECTION

- purification/ ANTILYMPHOCYTE SERUM, metabolism/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ DOGS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, chemically induced/ HUMAN/ HYPERSENSITIVITY/ HYPERSENSITIVITY, DELAYED, drug therapy/ IMMUNOSUPPRESSIVE AGENTS/ KIDNEY, transplantation/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ LYMPHOPENIA/ MICE/ MONKEYS/ PROTEINS, antagonists & inhibitors/ RATS/ REVIEW/ THROMBOPENIA, chemically induced/ TRANSPLANTATION, HOMOLOGOUS
286. Bach JF, Balner H, Dardenne M, et al: Peut-on mesurer in vitro l'efficacité et la toxicité d'un sérum antilymphocytes? Presse Med 78:535-40, 7 Mar 70 (Fre) AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ \*ANTILYMPHOCYTE SERUM/ ANTILYMPHOCYTE SERUM, adverse effects/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ AUTOANTIBODIES, analysis/ BLOOD PLATELETS, drug effects/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS/ HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS/ IN VITRO/ MONKEYS/ THROMBOPENIA, complications
287. Bach JF, Dardenne M: Etudes sur le métabolisme de l'azathioprine. C R Acad Sci [D] (Paris) 271:453-6, 27 Jul 70 (Fre) ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ \*AZATHIOPRINE, metabolism/ AZATHIOPRINE, pharmacodynamics/ BONE MARROW DISEASES, metabolism/ ERYTHROCYTES/ HUMAN/ IN VITRO/ KIDNEY DISEASES, metabolism/ LEUKOCYTES/ LIVER/ LIVER DISEASES, metabolism/ LYMPHOCYTES, drug effects/ METABOLIC DISEASES, metabolism/ MICE/ PHYTONADIONE, pharmacodynamics/ SHEEP/ TRANSFERASES
288. Bachmann F: Disseminated intravascular coagulation. DM 3-44, Dec 69 (76 ref.) ADULT/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD FLOW VELOCITY/ CHILD/ CHILD, PRESCHOOL/ DEXTRAN, therapeutic use/ DIAGNOSIS, LABORATORY/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ GLOMERULONEPHRITIS, complications/ HEMANGIOMA, CAVERNOUS/ HEPARIN, therapeutic use/ HUMAN/ INFECTION, complications/ LIVER CIRRHOSIS, complications/ MALE/ MYCOSES, complications/ PARASITIC DISEASES, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PURPURA, complications/ REVIEW/ SHOCK, complications/ THROMBOPENIA, drug therapy/ THROMBOPLASTIN/ UREMIA, complications
289. Bacu I, Oprislu C, Dorofteiu M, et al: The influence of ischemia of the brain and transplanted kidney on fibrinolytic activity. Arch Immun Ther Exp 18:195-200, 1970 ANIMAL EXPERIMENTS/ CAROTID ARTERIES, surgery/ \*CEREBRAL ANOXIA, blood/ CEREBRAL ANOXIA, urine/ CEREBRAL ISCHEMIA, TRANSIENT, blood/ CEREBRAL ISCHEMIA, TRANSIENT, urine/ DENERVATION/ DOGS/ FIBRINOGEN/ \*FIBRINOLYSIS/ GLOBULINS/ JUGULAR VEIN, surgery/ KIDNEY, physiopathology/ \*KIDNEY, transplantation/ STREPTOKINASE/ THROMBIN/ TRANSPLANTATION, AUTOLOGOUS
290. Back N, Steger R: Effect of heparin on the kinin-forming activity of trypsin, plasmin, and various kallikreins. Proc Soc Exp Biol Med 133:740-3, Mar 70 CARCINOID TUMOR, blood/ CHEMISTRY/ CITRATES/ DOGS/ \*FIBRINOLYSIN/ GLUCOSE/ \*HEPARIN/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR/ \*KININS/ MUCOPROTEINS/ PLASMA VOLUME/ SALIVA, enzymology/ \*TRYPSIN/ TRYPSIN INHIBITORS
291. Backwinkel KD, Diddams JA: Hemangiopericytoma. Report of a case and comprehensive review of the literature. Cancer 25:896-901, Apr 70 ADULT/ FEMALE/ \*HEMANGIOPERICYTOMA/ HUMAN/ \*MEDIASTINAL NEOPLASMS/ \*NEOPLASM METASTASIS/ \*NEOPLASM RECURRENCE, LOCAL/ \*THIGH
292. Badalian LO, Kalinina LV, Mironov AI, et al: Nasledstvenno obuslovlennyye angiomatozy s prelmushchestvennym porakeniem nervnoi sistemy. (soobshchenie) 1. Bolezn' Shturge-Veebera. Pediatria 48:77-82, Sep 69 (Rus) \*ANGIOMATOSIS, congenital/ \*CENTRAL NERVOUS SYSTEM DISEASES/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN
293. Badalian LO, Sapelkina IM, Skvortsov IA: K patogenezu i klinike rasstroistv mozgovogo krovoobrashchenia pri ostrom leukoze u detei. Zh Nevropat Psikhia Korsakov 69:1456-63, 1969 (Rus) ACUTE DISEASE/ ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BRAIN, pathology/ CEREBELLAR DISEASES, etiology/ CEREBRAL HEMORRHAGE, diagnosis/ \*CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, pathology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ LEUKEMIA, blood/ \*LEUKEMIA, complications/ LEUKEMIA, pathology/ LEUKOCYTES
294. Baddeley RM, Ashton F, Slaney G, et al: Late results of autogenous vein by pass grafts in femoropopliteal arterial occlusion. Brit Med J 1:653-6, 14 Mar 70 ADULT/ AGED/ ARTERIOSCLEROSIS, complications/ ELECTROCARDIOGRAPHY/ FEMALE/ \*FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ ISCHEMIA, complications/ MALE/ MIDDLE AGE/ PHENINDIONE, therapeutic use/ \*POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ TRANSPLANTATION, AUTOLOGOUS/ \*VASCULAR DISEASES, surgery/ \*VEINS, transplantation/ WARFARIN, therapeutic use
295. Baden H, Högsbro Ostergaard A: Surgical technique in six hemihepatectomies. Scand J Gastroent Suppl 7:169+, 1970 FEMALE/ HEMATOMA, surgery/ \*HEPATECTOMY/ HUMAN/ IODINE ISOTOPES/ LIVER, surgery/ \*LIVER NEOPLASMS, surgery/ LIVER REGENERATION/ MALE/ METHODS/ RADIOISOTOPE SCANNING
296. Baden H, Jordal K, Lund F, et al: Prophylactic and curative action of Trasylol in pancreatitis. A double-blind trial. Scand J Gastroent 4:291-5, 1969 ACUTE DISEASE/ ADULT/ AGED/ AMYLASE, urine/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ \*KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ MALE/ METHODS/ MIDDLE AGE/ PANCREAS, surgery/ PANCREATITIS, complications/ \*PANCREATITIS, drug therapy/ PANCREATITIS, prevention & control/ PLACEBOS/ PREOPERATIVE CARE/ TIME FACTORS
297. Baden HP: Enzymatic hydrolysis of the alpha-protein of epidermis. J Invest Derm 55:184-7, Sep 70 AMINO ACIDS, analysis/ CHEMISTRY/ \*CHYMOTRYPSIN/ FOOT/ HAIR, analysis/ HAND/ HUMAN/ \*PEPTIDES, analysis/



# AUTHOR SECTION

- \*PROTEINS, analysis/ \*SKIN, analysis/  
\*TRYPSIN
298. Badowski A, Daciewicz Z: Próba oceny przydatności trasyolu w zapobieganiu doświadczalnym zrostom otrzewnowym. Wlad Lek 22:1649-54, 15 Sep 69 (Pol)  
\*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/  
\*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*PERITONEUM/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RATS
  299. Baekström P, Folkow B, Kendrick E, et al: Effects of vasoconstriction on blood viscosity in vivo. Acta Physiol Scand 79:1A-2A, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ \*BLOOD VISCOSITY/ CATS/ \*VASCULAR RESISTANCE
  300. Bagdasarova AV: Vliianie gludoterapii na nekotorye funktsii i gidrodinamiku glaza u bol'nykh glaukomoj. Vestn Oftal 82:43-5, Mar-Apr 69 (Rus)  
\*AQUEOUS HUMOR, physiology/ ENGLISH ABSTRACT/ \*EYE, physiology/ \*GLAUCOMA, drug therapy/ \*HIRUDIN, therapeutic use/ HUMAN
  301. Baggio B, Pinna LA, Moret V, et al: A simple procedure for the purification of rat liver phosphatase kinase. Biochim Biophys Acta 212:515-7, 16 Sep 70  
ANIMAL EXPERIMENTS/ CELLULOSE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CYTOPLASM, enzymology/ LIVER, cytology/ METHODS/ PHOSPHORUS ISOTOPES/ \*PHOSPHOTRANSFERASES, isolation & purification/ PRECIPITATION/ PROTAMINES/ PROTEINS/ RATS
  302. Baglioni C: The role of pyrrolidone carboxylic acid in the initiation of immunoglobulin peptide chains. Biochem Biophys Res Commun 38:212-9, 23 Jan 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ CHROMATOGRAPHY, ION EXCHANGE/ \*GAMMA GLOBULIN, biosynthesis/ GLUTAMATES, analysis/ GLUTAMINE, metabolism/ IMMUNOGLOBULINS, biosynthesis/ KINETICS/ MICE/ MICROSOMES, metabolism/ MULTIPLE MYELOMA, immunology/ \*MULTIPLE MYELOMA, metabolism/ NITROBENZENES/ PEPTIDE HYDROLASES/ \*PEPTIDES, biosynthesis/ \*PYRROLIDINONES, metabolism/ RIBOSOMES, metabolism
  303. Bahr GF, Engler WF: Considerations of volume, mass, DNA, and arrangement of mitochondria in the midpiece of bull spermatozoa. Exp Cell Res 60:338-40, Jun 70  
ANIMAL EXPERIMENTS/ CATTLE/ \*DNA, analysis/ MALE/ MICROSCOPY, ELECTRON/ \*MITOCHONDRIA/ \*SPERMATOZOA/ SPERMATOZOA, analysis/ SPERMATOZOA, drug effects/ TRYPSIN, pharmacodynamics
  304. Bailey CJ, Boulter D: The subunit structure of jack-bean urease. Biochem J 113:669-77, Jul 69  
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ DETERGENTS/ ELECTROPHORESIS/ FLUORINE/ HYDRAZINES/ METHIONINE, analysis/ MOLECULAR WEIGHT/ NITROBENZENES/ \*PLANTS, enzymology/ PYRROLIDINONES/ SULFURIC ACIDS/ THIOCYANATES/ TRYPSIN/ TRYPTOPHAN/ \*UREASE/ UREASE, analysis/ UREASE, isolation & purification
  305. Baille Y, Blanc MT, Monties JR, et al: Phénomène de rejet et coagulation intravasculaire disséminée. Etude d'une observation de transplantation cardiaque humaine. Presse Med 77:1459-62, 11 Oct 69 (Fre)  
ANTILYMPHOCYTE SERUM, administration & dosage/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, etiology/ CASE REPORT/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ \*HEART, transplantation/ HEART ANEURYSM, diagnosis/ HEPARIN, administration & dosage/ HISTOCOMPATIBILITY/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ THROMBOPENIA, etiology/ \*TRANSPLANTATION IMMUNOLOGY
  306. Baille Y, Blanc T, Monties JR, et al: La place de l'héparine dans le traitement du rejet d'homogreffes. Marseille Med 107:89-104, 1970 (Fr)  
BLOOD COAGULATION DISORDERS, prevention & control/ \*HEPARIN, therapeutic use/ HISTOCOMPATIBILITY/ HUMAN/ THROMBELASTOGRAPHY/ THROMBOPENIA, etiology/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
  307. Baille Y, Blanc T, Monties JR, et al: La chirurgie de l'héparine. 3. La neutralisation progressive incomplète de l'héparine en fin de circulation extra-corporelle. Agressologie 11:87-93, 1970 (Fr)  
BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ \*EXTRACORPOREAL CIRCULATION/ \*HEPARIN, blood/ \*HEPARIN, antagonists, administration & dosage/ HUMAN/ PROTAMINES, administration & dosage
  308. Baille Y, Blanc T, Monties JR, et al: Syndrome de coagulation intravasculaire disséminée chronique cardiopathie congénitale cyanogène. Place de l'héparinothérapie au cours de la période pré-opératoire. Presse Med 78:1571-4, 29 Aug 70 (Fr)  
ADULT/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ CYANOSIS, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ \*HEART DEFECTS, CONGENITAL complications/ \*HEART DEFECTS, CONGENITAL, surgery/ HEMATOCRIT/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ \*PREOPERATIVE CARE
  309. Baintner K Jr, Veress B: Complex changes in suckling rat's small intestine by the end of the week of life. Experientia 26:54-5, 15 Jan 70  
AGE FACTORS/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ \*ANIMAL NUTRITION/ ANTIBODIES/ CYTOPLASMIC GRANULES/ EPITHELIUM, enzymology/ GALACTOSIDASE, metabolism/ ILEUM/ \*INTESTINAL MUCOSA, anatomy & histology/ \*INTESTINE, SMALL, anatomy & histology/ LIPASE, metabolism/ MILK, immunology/ RATS/ SUCRASE, metabolism/ TRYPSIN, metabolism/ WEANING
  310. Bak JJ, May B, Hassler R: Electron microscopic demonstration of acid phosphatase in blood platelets. Z Zellforsch 96:641-8, 1969  
\*ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ \*BLOOD PLATELETS, enzymology/ CYTOPLASM, enzymology/ CYTOPLASMIC GRANULES/ HISTOCYTOCHEMISTRY/ HUMAN/ LYSOSOMES/ MICROSCOPY, ELECTRON/ RABBITS/ SEROTONIN
  311. Baker AB, Katsuki S: Stroke: U.S. and Japan. Summary and conclusions. Geriatrics 24:124-32, Nov 69  
AGE FACTORS/ AGED/ ANGIOGRAPHY/ APHASIA/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ CEREBRAL ARTERIOSCLEROSIS, occurrence/ CEREBROVASCULAR DISORDERS, complications/ \*CEREBROVASCULAR DISORDERS, occurrence/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ JAPAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ MINNESOTA/ NEUROLOGICAL EXAMINATION/ PSYCHOLOGICAL TESTS/ SEX FACTORS



# AUTHOR SECTION

312. Baker BR: Specific irreversible enzyme inhibitors. Ann Rev Pharmacol 10:35-50, 1970 (104 ref.) AMINOHYDROLASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BINDING SITES/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ \*ENZYMES, antagonists & inhibitors/ GUINEA PIGS/ KINETICS/ MICE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ REVIEW/ TETRAHYDROFOLATE DEHYDROGENASE, antagonists & inhibitors/ TRYPSIN INHIBITORS/ XANTHINE OXIDASE, antagonists & inhibitors
313. Baker H: Naevi and moles. Practitioner 204:655-64, May 70 ADOLESCENCE/ ADULT/ CARCINOMA, BASAL CELL, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, CAVERNOUS/ HUMAN/ INFANT/ LENTIGO, diagnosis/ MELANOMA, diagnosis/ \*NEVUS/ NEVUS, PIGMENTED/ NEVUS, PIGMENTED, classification/ NEVUS, PIGMENTED, diagnosis/ TELANGIECTASIS
314. Baker RJ, Nyhus LM: Diagnosis and treatment of immediate transfusion reaction. Surg Gynec Obstet 130:665-72, Apr 70 ADULT/ AMINOCAPROIC ACID, therapeutic use/ \*BLOOD GROUP INCOMPATIBILITY, diagnosis/ \*BLOOD GROUP INCOMPATIBILITY, therapy/ \*BLOOD TRANSFUSION, adverse effects/ FIBRINOGEN, therapeutic use/ HEMOLYSIS/ HUMAN/ IATROGENIC DISEASE/ MALE/ MIDDLE AGE/ PLASMA/ TIME FACTORS
315. Baker RM, Schreiner BF, Schalch DS, et al: Effect of extended infusion of a low dose of heparin on plasma FFA levels. J Clin Endocr 30:870-1, May 70 ADULT/ CLINICAL RESEARCH/ ENZYME ACTIVATION/ \*FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE/ HEART CATHETERIZATION/ HEPARIN, administration & dosage/ \*HEPARIN, pharmacodynamics/ HUMAN/ INFUSIONS, PARENTERAL/ LIPID MOBILIZATION, drug effects/ LIPOPROTEIN LIPASE, metabolism/ MALE/ STIMULATION, CHEMICAL
316. Baksheev NS, Liavnets AS: Voprosy reanimatologii v akusherstve. Vop Okhr Materin Dets 14:54-60, Mar 69 (Rus) BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, therapy/ EMBOLISM, AMNIOTIC FLUID, complications/ EMBOLISM, AMNIOTIC FLUID, therapy/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ HEART MASSAGE/ HEMORRHAGE, POSTPARTUM, therapy/ HUMAN/ \*LABOR COMPLICATIONS, therapy/ OBSTETRICS/ PREGNANCY/ RESPIRATION, ARTIFICIAL/ \*RESUSCITATION/ \*SHOCK, HEMORRHAGIC, therapy/ \*UTERINE HEMORRHAGE, therapy
317. Baksheeva LP: Opyt dvukh etapnoi zagotovki krovi v sel'skoimestnosti. Probl Gemat 13:54-5, May 68 (Rus) \*BLOOD DONORS/ \*BLOOD PRESERVATION/ HUMAN/ METHODS/ \*RURAL POPULATION/ TECHNOLOGY, MEDICAL/ USSR
318. Balandin IG, Lozovskaja LS, Dobretsov GE: Gemagglutininiruiushchaya aktivnost' gistonov. Vop Med Khim 15:132-8, Mar-Apr 69 (Rus) ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ ENGLISH ABSTRACT/ \*HEMAGGLUTINATION/ \*HISTONES/ LYSINE/ NEURAMINIDASE/ RECEPTORS, DRUG/ \*THYMUS GLAND/ TRYPSIN
319. Baláž V, Slavkovský M: Lipidový metabolizmus v sezónnej periódicite u zdravých osôb. Vnitri Lek 16:841-6, Sep 70 (Slo) ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ HUMAN/ LIPIDS, blood/ \*LIPIDS, metabolism/ MALE/ PERIODICITY/ \*SEASONS
320. Baldamus U, Rahlfs V, Steffen J: Zur Frage der Beeinflussung der iatrogen bedingten Leukopenie und Thrombopenie durch einen Blutextrakt bei Bronchialkarzinomen. Blut 20:350-62, 1970 (Ger) ADENOCARCINOMA, therapy/ ADULT/ AGED/ BLOOD CELL COUNT/ BRONCHIAL NEOPLASMS, drug therapy/ BRONCHIAL NEOPLASMS, radiotherapy/ CARCINOMA, drug therapy/ CARCINOMA, radiotherapy/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ KIDNEY/ LEUKOPENIA, chemically induced/ \*LEUKOPENIA, therapy/ MALE/ MEDIASTINAL NEOPLASMS, therapy/ MIDDLE AGE/ SARCOMA, RETICULUM CELL, therapy/ \*SERTOTHERAPY/ THROMBOPENIA, chemically induced/ \*THROMBOPENIA, therapy
321. Baldini MG, Steiner M: Platelet abnormality in Wiskott-Aldrich syndrome. New Eng J Med 283:877, 15 Oct 70 \*ALDRICH SYNDROME, blood/ ALDRICH SYNDROME, metabolism/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CHILD/ HUMAN/ KREBS CYCLE
322. Balerna M, Keller-Schierlein W, Martius C, et al: Stoffwechselprodukte von Mikroorganismen. 72. Naphthomycin, ein Antimetabolit von Vitamin K. Arch Mikrobiol 65:303-17, 1969 (Ger) ABSORPTION/ \*ANTIBIOTICS/ ANTIBIOTICS, analysis/ ANTIBIOTICS, isolation & purification/ ANTIBIOTICS, pharmacodynamics/ BACILLUS SUBTILIS, drug effects/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ CYSTEINE, pharmacodynamics/ DRUG ANTAGONISM/ ENGLISH ABSTRACT/ FUNGI, drug effects/ MOLECULAR WEIGHT/ SPECTRUM ANALYSIS/ STREPTOMYCES, analysis/ STREPTOMYCES, growth & development/ \*STREPTOMYCES, metabolism/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ ULTRAVIOLET RAYS/ \*VITAMIN K, antagonists & inhibitors
323. Balfour HH Jr, Block SH, Bowe ET, et al: Complications of fetal blood sampling. Amer J Obstet Gynec 107:288-94, 15 May 70 ABCESS, etiology/ ANTISEPSIS/ BLOOD COAGULATION DISORDERS, complications/ \*BLOOD SPECIMEN COLLECTION, adverse effects/ EXTRACTION, OBSTETRICAL, adverse effects/ FEMALE/ FETAL DISEASES, diagnosis/ \*FETAL DISEASES, etiology/ \*FETUS/ HEMORRHAGE, etiology/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, etiology/ LABOR PRESENTATION, adverse effects/ MALE/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ SCALP, injuries/ SCALP DERMATOSES, etiology
324. Balon LR, Protasevich AI, Glinchikov VV, et al: Rol' proteoliticheskikh fermentov v profilaktike i lechenii oslozhnenii pri kozhnoplasticheskikh operatsiakh v chellustno-litsovoi oblasti. Vestn Khir Grekov 102:66-9, Apr 69 (Rus) \*CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ FACE, surgery/ HUMAN/ JAW ABNORMALITIES, surgery/ \*POSTOPERATIVE COMPLICATIONS, drug therapy/ \*SURGERY, PLASTIC/ \*TRYPSIN, therapeutic use
325. Baltimore D, Huang AS: Interaction of HeLa cell proteins with RNA. J Molec Biol 47:263-73, 14 Feb 70 CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOPLASM/ FILTRATION/ \*HELA CELLS/ HUMAN/ IN VITRO/ NEOPLASM PROTEINS/ PEPTIDE HYDROLASES/ \*PROTEIN BINDING/ \*RNA/ TRYPSIN
326. Baltimore D, Jacobson MF, Asso J, et al: The formation of poliovirus proteins. Sympos Quant Biol 34:741-6, 1969 AMINO ACIDS, metabolism/



# AUTHOR SECTION

- ANTIMETABOLITES, metabolism/ BINDING  
SITES/ CARBON ISOTOPES/  
CENTRIFUGATION, ZONAL/  
CHROMATOGRAPHY, ION EXCHANGE/  
DEPRESSION, CHEMICAL/ GENETIC CODE/  
ISOFLUOROPHATE, pharmacodynamics/  
LEUCINE, metabolism/ LYSINE, metabolism/  
MODELS, BIOLOGIC/ MODELS, CHEMICAL/  
MOLECULAR WEIGHT/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
PEPTIDES, analysis/ \*PEPTIDES, biosynthesis/  
\*POLIOVIRUS, metabolism/ RIBOSOMES,  
metabolism/ RNA, MESSENGER, metabolism/  
RNA, VIRAL, biosynthesis/ RNA, VIRAL,  
metabolism/ TRITIUM/ TRYPSIN/ \*VIRAL  
PROTEINS, biosynthesis/ VIRUS  
REPLICATION
327. Banba K, Kawai G: [Treatment of postpartum atopic hemorrhage practiced in our hospital]  
Sanfujin Jissai 18:1023-9, Oct 69 (Jap)  
\*EMERGENCIES/ FEMALE/ HEMORRHAGE,  
POSTPARTUM, etiology/ HEMORRHAGE,  
POSTPARTUM, surgery/ \*HEMORRHAGE,  
POSTPARTUM, therapy/ HEMOSTASIS/  
HUMAN/ METHODS/ PREGNANCY/ UTERINE  
DISEASES, complications
328. Banerjee JC: Propranolol in the treatment of angina pectoris. Indian Heart J 21:247-8, Jul 69  
\*ANGINA PECTORIS, drug therapy/  
BRADYCARDIA, chemically induced/ HUMAN/  
HYPOTENSION, chemically induced/  
PROPRANOLOL, adverse effects/  
\*PROPRANOLOL, therapeutic use/  
THROMBOPEINIA, chemically induced
329. Banerjee B, Chakrabarti CH: Influence of vitamin B 12 on fecal excretion of cholesterol and bile acid of albino rats kept on high cholesterol diet.  
Indian J Exp Biol 7:265-6, Oct 69  
ANIMAL EXPERIMENTS/ \*BILE ACIDS AND  
SALTS, analysis/ \*CHOLESTEROL, analysis/  
CHOLESTEROL, blood/ \*DIET,  
ATHEROGENIC/ FECES, analysis/ LIVER,  
analysis/ RATS/ \*VITAMIN B 12,  
pharmacodynamics
330. Bang FB: Cellular aspects of blood clotting in the seastar and the hermit crab.  
J Reticuloendothel Soc 7:161-72, Feb 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*CRUSTACEA, physiology/  
\*ECHINODERMATA, physiology/  
ETHYLMALIMIDE, pharmacodynamics/  
MICROSCOPY, ELECTRON/ MITOSIS/  
\*WOUND HEALING
331. Bangham DR, Woodward PM: A collaborative study of heparins from different sources.  
Bull WHO 42:129-49, 1970  
BIOLOGICAL ASSAY/ CATTLE/ \*HEPARIN,  
standards/ INTESTINAL MUCOSA/ SHEEP/  
SWINE/ WORLD HEALTH ORGANIZATION
332. Bańkowski E, Niewiarowski S, Worowski K: Platelet aggregation by lathyrin collagen.  
Bull Acad Pol Sci [Biol] 17:141-2, 1969  
AMINOPROPIONITRILE/ ANIMAL  
EXPERIMENTS/ \*BLOOD COAGULATION/  
BLOOD PLATELETS/ \*COLLAGEN,  
metabolism/ \*LATHYRISM, metabolism/ RATS
333. Bańkowski E, Worowski K: The effect of chronic administration of lathyrin (beta-aminopropionitrile) on blood clotting and fibrinolytic system in rabbits.  
Thromb Diath Haemorrh 22:372-6, 15 Nov 69  
AMINOPROPIONITRILE, pharmacodynamics/  
AMINOPROPIONITRILE, poisoning/ ANIMAL  
EXPERIMENTS/ BLOOD CELL COUNT/  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION FACTORS/ BLOOD  
PLATELETS, drug effects/ CHRISTMAS  
DISEASE, blood/ FACTOR V DEFICIENCY,  
blood/ FACTOR VIII, metabolism/ FACTOR  
XI DEFICIENCY, blood/ FACTOR XII,  
metabolism/ \*FIBRINOLYSIS, drug effects/  
HYPOPROCONVERTINEMIA, blood/ KIDNEY,  
drug effects/ LIVER, drug effects/ LUNG,  
drug effects/ \*NITRILES, pharmacodynamics/  
PLATELET ADHESIVENESS/ RABBITS/  
SPLEEN, drug effects
334. Banks BE, Banthorpe DV, Lamont DM, et al: Dissociation of sensory ganglia from the embryonic chick by pronase and other dispersing agents.  
J Embryol Exp Morph 23:519-30, Apr 70  
ADRENAL GLANDS, drug effects/ ANIMAL  
EXPERIMENTS/ BRAIN, drug effects/ CELL  
AGGREGATION, drug effects/ CELL COUNT/  
CHICK EMBRYO/ CHYMOTRYPSIN,  
pharmacodynamics/ COLLAGEN/ \*GANGLIA,  
drug effects/ HEART, drug effects/ IN  
VITRO/ METHODS/ PANCREATIN,  
pharmacodynamics/ \*PEPTIDE HYDROLASES,  
pharmacodynamics/ SPINAL CORD, drug  
effects/ \*SUSPENSIONS/ TISSUE CULTURE/  
TRYPSIN, pharmacodynamics
335. Banks TE, Blossey BK, Shafer JA: Inactivation of alpha-chymotrypsin by a water-soluble carbodiimide.  
J Biol Chem 244:6323-33, 10 Dec 69  
AMINO ACIDS, analysis/ BINDING SITES/  
CARBON ISOTOPES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ \*CYANIDES/ ENZYME  
ACTIVATION/ HYDROGEN-ION  
CONCENTRATION/ HYDROXYLAMINES/  
INFRARED RAYS/ IODIDES/ KINETICS/  
MERCAPTOETHYLAMINES/ METHODS/  
\*MORPHOLINES/ PEPTIDES, analysis/  
SOLUBILITY/ SPECTROPHOTOMETRY/  
\*SULFONIC ACIDS/ WATER
336. Bar D: Les enzymes utilisées comme médicaments.  
Lille Med 15:827-47, May 70 (Fr)  
AMYLASE, therapeutic use/ ASPARAGINASE,  
therapeutic use/ CHYMOTRYPSIN, therapeutic  
use/ ENZYMES, metabolism/ \*ENZYMES,  
therapeutic use/ FIBRINOLYSIS, therapeutic  
use/ HUMAN/ HYALURONIDASE, therapeutic  
use/ MURAMIDASE, therapeutic use/  
PANCREATIN, therapeutic use/ PAPAINE,  
therapeutic use/ PEROXIDASES, therapeutic  
use/ RIBONUCLEASE, therapeutic use/  
TRYPSIN, therapeutic use
337. Barakat T, MacPhee IW: Experiments with a extracorporeal carbon column as a simplified artificial kidney. Brit J Surg 57:580-3, Aug  
ANIMAL EXPERIMENTS/ ANURIA, therapy  
BARBITURATES, blood/ BLOOD PLATELET  
\*CHARCOAL/ CREATININE, blood/ DOGS/  
EMBOLISM/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ JAUNDICE,  
OBSTRUCTIVE, therapy/ \*KIDNEY,  
ARTIFICIAL/ PERFUSION, instrumentation/  
UREA, blood
338. Baraldi M: Differenziazione della attività ossitocica in vitro del trasylol e della callicreina.  
Boll Soc Ital Biol Sper 45:436-8, 15 Apr 69 (I)  
ANIMAL EXPERIMENTS/ BRADYKININ,  
pharmacodynamics/ \*DRUG ANTAGONISM/  
HISTAMINE, pharmacodynamics/  
ISOPROTERENOL, pharmacodynamics/  
\*KALLIKREIN, pharmacodynamics/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ OXYTOCIN,  
pharmacodynamics/ PAPAVERINE,  
pharmacodynamics/ PHENTOLAMINE,  
pharmacodynamics/ RATS/ \*UTERUS, drug  
effects
339. Baraldi M: Variazioni nel corso della gravidanza e capacità degli omogenati di utero di conigli inattivare in vitro la bradichinina.  
Boll Soc Ital Biol Sper 45:1142-3, 15 Sep 69  
ANIMAL EXPERIMENTS/ \*BRADYKININ,  
analysis/ \*PEPTIDE HYDROLASES, analysis/  
\*PREGNANCY, ANIMAL/ RABBITS/  
UTERUS, analysis
340. Baran M, Ermich S, Kuniewicz Z: Przygotowanie chorego z nadpłytkowością krwotoczną do operacji.  
Pol Tyg Lek 25:181-2, 2 Feb 70  
ADULT/ ENGLISH ABSTRACT/ HUMAN/  
MALE/ PHOSPHORUS ISOTOPES, therapeutic  
use/ \*PREOPERATIVE CARE/ PURPURA,



# AUTHOR SECTION

THROMBOPENIC, radiotherapy/ \*PURPURA,  
THROMBOPENIC, surgery

341. Barasch K, Galin MA, Baras I: Postcycloclodialysis hypotony. *Amer J Ophthal* 68:644-5, Oct 69  
ADHESIONS/ ADULT/ CATARACT  
EXTRACTION/ CRYOGENIC SURGERY/  
DIATHERMY/ EYE DISEASES, etiology/  
FEMALE/ \*GLAUCOMA, surgery/ HUMAN/  
INTRAOCULAR PRESSURE/  
\*POSTOPERATIVE COMPLICATIONS/  
SCLERA, surgery/ VITREOUS BODY, surgery
342. Barbaro JF, Schoenbechler MJ: The nature of the reaction of antigen with lymphocytes from rabbits infected with *Schistosomamanansoni* on the release of histamine from rabbit platelets.  
*J Immun* 104:1124-31, May 70  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
\*BLOOD PLATELETS, immunology/  
FREEZING/ \*HISTAMINE LIBERATION/  
LEUKOCYTES, immunology/ \*LYMPHOCYTES,  
immunology/ RABBITS/ \*SCHISTOSOMIASIS,  
immunology/ TEMPERATURE/ TIME  
FACTORS
343. Barbaro JF, Schoenbechler MJ: The nature of the reaction of antigen with lymphocytes from rabbits infected with *Schistosoma mansoni* on the release of histamine from rabbit platelets.  
*J Immun* 104:1124-31, May 70  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
\*BLOOD PLATELETS, immunology/  
FREEZING/ \*HISTAMINE LIBERATION/  
LEUKOCYTES, immunology/ \*LYMPHOCYTES,  
immunology/ RABBITS/ \*SCHISTOSOMIASIS,  
immunology/ TEMPERATURE/ TIME  
FACTORS
344. Barbarossa C: Fisiopatologia del mastocita.  
*Minerva Med* 61:582-6, 14 Feb 70 (Ita)  
AMINES, metabolism/ ANIMAL  
EXPERIMENTS/ ENZYMES, metabolism/  
HEPARIN, metabolism/ HISTAMINE,  
metabolism/ HUMAN/ MAST CELLS,  
metabolism/ \*MAST CELLS, physiopathology/  
PROTEINS, metabolism/ SEROTONIN,  
metabolism
345. Barbey K, Marées H de: Zur medikamentösen Beeinflussung des Venen-tonus.  
*Med Klin* 64:1503-5, 22 Aug 69 (Ger)  
ADULT/ \*AESCULUS, pharmacodynamics/  
BLOOD CIRCULATION, drug effects/ BLOOD  
PRESSURE, drug effects/ \*ERGOT  
ALKALOIDS, HYDROGENATED,  
pharmacodynamics/ HUMAN/ LEG, blood  
supply/ MALE/ MUSCLES, drug effects/  
PLETHYSMOGRAPHY/ REGIONAL BLOOD  
FLOW, drug effects/ \*RUTIN,  
pharmacodynamics/ \*VEINS, drug effects
346. Bardana EJ Jr, Bayrakci C, Pirofsky B, et al: The use of heparin in autoimmune hemolytic disease.  
*Blood* 35:377-85, Mar 70  
\*ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug  
therapy/ ANTI-ANTIBODIES/ ANTIBODIES/  
BLOOD CELL COUNT/ BLOOD  
COAGULATION TESTS/ BLOOD PROTEINS,  
analysis/ BROMELAINS/ CELL MOVEMENT/  
CHROMIUM ISOTOPES/ COLD/  
COMPLEMENT/ ELECTROPHORESIS/  
ERYTHROCYTE COUNT/ ERYTHROCYTES,  
immunology/ FEMALE/ \*HEPARIN,  
therapeutic use/ HUMAN/ IRON, blood/  
METHYLDOPA, pharmacodynamics/ MIDDLE  
AGE/ RETICULOCYTES
347. Barg TsM: Oslozheniia so storony glaz pri primeneni  
nekotorykh lekarstvennykh veshchestv obshchego  
deistviia. *Oftal Zh* 24:579-84, 1969 (72 ref.) (Rus)  
ADRENAL CORTEX HORMONES, adverse  
effects/ ALLOPURINOL, adverse effects/  
ANTIBIOTICS, adverse effects/  
ANTIMALARIALS, adverse effects/ CARDIAC  
GLYCOSIDES, adverse effects/ CATARACT,  
chemically induced/ CHILD/ CHLOROQUINE,  
adverse effects/ CHLORPROMAZINE, adverse  
effects/ CORTICOTROPIN, adverse effects/  
EPINEPHRINE, adverse effects/  
ETHAMBUTOL, adverse effects/  
ETHCHLORVYNOL, adverse effects/ \*EYE  
DISEASES, chemically induced/ FEMALE/  
HUMAN/ MIOTICS, adverse effects/  
NALIDIXIC ACID, adverse effects/  
PHOSPHATES, adverse effects/  
PILOCARPINE, adverse effects/ QUINOLINES,  
adverse effects/ RETINAL DEGENERATION,  
chemically induced/ REVIEW/ WARFARIN,  
adverse effects
348. Barg WF Jr, Englert ME, Davies MC, et al: Degradation and structure of porcine calcitonin-1.  
*Biochemistry (Wash)* 9:1671-6, 14 Apr 70  
AMIDES, analysis/ AMINO ACID SEQUENCE/  
AMINOPEPTIDASES/ CARBOXYPEPTIDASES/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ CYANIDES/ LEUCINE  
AMINOPEPTIDASE/ PEPTIDES, analysis/  
SULFIDES, analysis/ SWINE/  
\*THYROCALCITONIN, analysis/ TRYPSIN
349. Bariéty J, Druet P, Lagrue G, et al: Les glomérulopathies "extra-membraneuses" (G.E.M.). Etude morphologique en microscopie optique, électronique et en immunofluorescence.  
*Path Biol (Paris)* 18:5-32, Jan 70 (Fre)  
BIOPSY/ CAPILLARIES, analysis/  
CAPILLARIES, pathology/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
FIBRINOGEN, analysis/ FLUORESCENT  
ANTIBODY TECHNIC/ GAMMA GLOBULIN,  
analysis/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/  
GLOMERULONEPHRITIS, diagnosis/  
\*GLOMERULONEPHRITIS, pathology/ HUMAN/  
KIDNEY GLOMERULUS, analysis/ \*KIDNEY  
GLOMERULUS, pathology/ MEMBRANES/  
MICROSCOPY, ELECTRON/ PROGNOSIS/  
SILVER/ STAINS AND STAINING
350. Bark CJ: Coagulation nondsease.  
*New Eng J Med* 282:1214, 21 May 70  
\*BLOOD COAGULATION TESTS/ \*BLOOD  
SPECIMEN COLLECTION/  
CATHETERIZATION/ HEPARIN,  
pharmacodynamics/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ VEINS
351. Barkagan ZS, Chernenko VF: Znachenie tromboelastografii pri obliterirulushchikh zabolevaniakh arterii konechnostei.  
*Khirurgia (Moskva)* 45:60-5, Jun 69 (Rus)  
ANTIFIBRINOLYTIC AGENTS/  
ARTERIOSCLEROSIS, complications/ \*BLOOD  
COAGULATION DISORDERS, diagnosis/  
BLOOD COAGULATION DISORDERS, etiology/  
BLOOD COAGULATION FACTORS/  
\*ENDARTERITIS, complications/ ENGLISH  
ABSTRACT/ FIBRINOGEN, analysis/  
HEPARIN, blood/ HUMAN/ \*LEG, blood  
supply/ \*THROMBELASTOGRAPHY
352. Barker LF, Shulman NR, Murray R, et al: Transmission of serum hepatitis. *JAMA* 211:1509-12, 2 Mar 70  
\*CARRIER STATE, microbiology/  
COMPLEMENT FIXATION TESTS/ GEL  
DIFFUSION TESTS/ HEPATITIS ASSOCIATED  
ANTIGEN, analysis/ HEPATITIS ASSOCIATED  
ANTIGEN, isolation & purification/  
\*HEPATITIS, HOMOLOGOUS SERUM, etiology/  
\*HEPATITIS VIRUS, HOMOLOGOUS SERUM,  
isolation & purification/ HUMAN/  
MICROSCOPY, ELECTRON/ THROMBIN
353. Barker WM, Hermodson MA, Link KP: The metabolism of 4-C14-warfarin sodium by the rat.  
*J Pharmacol Exp Ther* 171:307-13, Feb 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHROMATOGRAPHY, PAPER/  
CHROMATOGRAPHY, THIN LAYER/ FECES,  
analysis/ GLUCURONATES, metabolism/  
GLUCURONIDASE, metabolism/ INJECTIONS,  
INTRAPERITONEAL/ MALE/ RADIOISOTOPE  
DILUTION TECHNIC/ RATS/ SODIUM,  
metabolism/ WARFARIN, analysis/  
\*WARFARIN, metabolism/ WARFARIN, urine
354. Barlattani M, Teofili MT, Vecchi L, et al: Variazioni emocagulative studiate con la tromboelastografia in



# AUTHOR SECTION

- varie manifestazioni neoplastiche durante terapia medica, radiante e chirurgica.  
Clin Ter 49:221-58, May 69 (Ita)
- ADOLESCENCE/ ADULT/ AGED/  
ANTICOAGULANTS, therapeutic use/ \*BLOOD COAGULATION/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ \*NEOPLASMS, blood/ NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy/ \*NEOPLASMS, radiotherapy/ THROMBELASTOGRAPHY
355. Barlve H, Neset G: Major surgery in a patient with thrombasthenia and rapid removal of normal platelets. Scand J Haemat 6:338-42, 1969  
ADENOCARCINOMA, PAPILLARY, complications/ \*ADENOCARCINOMA, PAPILLARY, surgery/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ \*COLECTOMY/ COLONIC NEOPLASMS, complications/ \*COLONIC NEOPLASMS, surgery/ HEMATOMA, microbiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ STAPHYLOCOCCUS, isolation & purification/ THROMBOPENIA, etiology/ THROMBOPHLEBITIS, drug therapy/ WARFARIN, therapeutic use
356. Barnard G, Fosbrooke AS, Lloyd JK: Neutral lipids of plasma and adipose tissue in a-betalipo-proteinaemia. Clin Chim Acta 28:417-22, Jun 70  
\*ADIPOSE TISSUE, metabolism/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, therapeutic use/ HUMAN/ LINOLEIC ACID, blood/ \*LIPID METABOLISM, INBORN ERRORS, blood/ LIPID METABOLISM, INBORN ERRORS, drug therapy/ \*LIPOPROTEINS, blood/ OILS, therapeutic use/ STEARIC ACID, blood/ TRIGLYCERIDES, blood
357. Barnard PM, Heydenrych JJ, Lombaard BG: Mitral valve prosthesis and pregnancy without anticoagulation therapy. S Afr Med J 43:1397-8, 15 Nov 69  
ADOLESCENCE/ \*ANTICOAGULANTS, therapeutic use/ CASE REPORT/ ENDOCARDITIS, SUBACUTE BACTERIAL, complications/ FEMALE/ \*HEART VALVE PROSTHESIS/ HUMAN/ INFANT, NEWBORN/ \*MITRAL VALVE/ MITRAL VALVE INSUFFICIENCY, surgery/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR
358. Barnothy MF, Barnothy JM: Magnetic fields and the number of blood platelets. Nature (London) 225:1146-7, 21 Mar 70  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, therapy/ \*MAGNETICS/ MICE/ MICROSCOPY, PHASE CONTRAST/ RADIATION INJURY, EXPERIMENTAL, therapy
359. Baron F, Mussini, Legent F, et al: A propos d'une tumeur rare du cricoïde: kyste anévrysmal. J Franc Otorhinolaryng 19:495-9, Jun 70 (Fre)  
ADULT/ \*BONE CYST, diagnosis/ \*CHONDROMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ \*GIANT CELL TUMORS, diagnosis/ \*HEMANGIOMA, diagnosis/ HUMAN/ \*LARYNGEAL NEOPLASMS, diagnosis/ MALE
360. Baron JM, Kingdon HS, Block GE, et al: Splenectomy in a hemophilic. Diagnosis of occult rupture, preoperative evaluation, and postoperative support. Surg Clin N Amer 50:205-11, Feb 70  
ADOLESCENCE/ CASE REPORT/ HEMATOMA, etiology/ \*HEMOPHILIA, complications/ HUMAN/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ RUPTURE, SPONTANEOUS/ \*SPLENECTOMY/ \*SPLENIC RUPTURE, diagnosis/ \*SPLENIC RUPTURE, surgery
361. Barousch R: Thorotrastschäden. Eine Übersicht und Bericht über 3 Fälle. Wien Med Wschr 119:681-5, 11 Oct 69 (Ger)  
AGED/ CHOLANGIOMA, etiology/ FEMALE/ HEMANGIOENDOTHELIOMA, etiology/ HUMAN/ LIVER, radiation effects/ \*LIVER DISEASES, etiology/ \*LIVER NEOPLASMS, etiology/ LYMPH NODES, radiation effects/ MALE/ MIDDLE AGE/ NEOPLASMS, RADIATION-INDUCED/ \*RADIATION INJURY/ RETICULOENDOTHELIAL SYSTEM, radiation effects/ SPLEEN, radiation effects/ \*THORIUM DIOXIDE, adverse effects
362. Barras JP: Apparent viscosity of red blood cell suspensions in different plasma substitutes. Bibl Haemat 33:298-301, 1969  
BLOOD FLOW VELOCITY/ \*BLOOD VISCOSITY/ CAPILLARIES/ DEXTRAN/ \*ERYTHROCYTES/ GELATIN/ HEMATOCRIT/ HEMODYNAMICS/ HUMAN/ \*PLASMA SUBSTITUTES/ SUSPENSIONS
363. Barras JP: Blood rheology - general review. Bibl Haemat 33:277-97, 1969 (51 ref.)  
BLOOD CIRCULATION/ \*BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ \*BLOOD VISCOSITY/ CAPILLARIES/ ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ REVIEW/ RHEOLOGY/ SUSPENSIONS/ TEMPERATURE
364. Barrett D: Zymogen activation as a sensitive enzyme-amplifying assay for a protease with tryptic specificity. Biochem J 117:57-9, Mar 70  
ANIMAL EXPERIMENTS/ ECHINODERMATA/ EMBRYO, enzymology/ \*ENZYME PRECURSORS/ ESTERS/ \*PEPTIDE HYDROLASES, analysis/ STIMULATION, CHEMICAL/ \*TRYPSIN/ TRYPSINOGEN
365. Barrett D: Occurrence and properties of a thermostable protease secreted by sea-urchin embryos. Biochem J 117:61-4, Mar 70  
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ \*ECHINODERMATA, enzymology/ \*EMBRYO, enzymology/ ESTERS, metabolism/ FETAL MEMBRANES/ HEAT/ IN VITRO/ ISOFLUOROPHATE, pharmacodynamics/ \*PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSINOGEN/ VIBRATION
366. Barrett D, Angelo GM: Maternal characteristics of hatching enzymes in hybrid sea urchin embryos. Exp Cell Res 57:159-66, Oct 69  
ANIMAL EXPERIMENTS/ BINDING SITES/ \*ECHINODERMATA, embryology/ \*EMBRYO, enzymology/ \*GENETICS, BIOCHEMICAL/ \*HYBRIDIZATION/ IN VITRO/ MANGANESE, pharmacodynamics/ MEMBRANES/ OVUM, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ \*PEPTIDE HYDROLASES, metabolism
367. Barritt DW: Pulmonary embolism. Brit Heart J 31:687-9, Nov 69  
ANTICOAGULANTS, therapeutic use/ BLOOD PRESSURE/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART FAILURE, CONGESTIVE, diagnosis/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MYOCARDIAL INFARCT, complications/ PULMONARY ARTERY/ \*PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ RADIOISOTOPE SCANNING/ RESPIRATORY FUNCTION TESTS
368. Barthel W: Über den Einfluss von Pharmaka auf Aminospeicherfunktion der Blutplättchen. Folia Haemat (Leipzig) 92:497-509, 1969 (G)  
\*ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/



# AUTHOR SECTION

- BIOLOGICAL TRANSPORT/ BLOOD  
PLATELETS, drug effects/ \*BLOOD  
PLATELETS, metabolism/ CATECHOLAMINES,  
metabolism/ CELL MEMBRANE  
PERMEABILITY, drug effects/  
CHLORPROMAZINE, pharmacodynamics/  
COCAINE, pharmacodynamics/ DESIPRAMINE,  
pharmacodynamics/ IMIPRAMINE,  
pharmacodynamics/ PHENOTHIAZINES/  
RABBITS/ RESERPINE, pharmacodynamics/  
SEROTONIN, metabolism/  
\*SYMPATHOMIMETICS, metabolism/  
TRYPTAMINES, pharmacodynamics
369. Barthelmei W: Thrombocytenisolerung aus kleinen Blutvolumina. Klin Wschr 47:266-70, 1 Mar 69 (Ger)  
\*BLOOD PLATELETS, analysis/ BLOOD  
SPECIMEN COLLECTION/ BUFFERS/  
CENTRIFUGATION/ ENGLISH ABSTRACT/  
HUMAN/ METHODS/ TIME FACTORS
370. Bartkowiak J, Klyszejko-Stefanowicz L:  
Niejednorodność histonów.  
Postepy Biochem 16:263-96, 1970 (Pol)  
AMINO ACIDS, analysis/ CATTLE/ CHICK  
EMBRYO/ CHROMATOGRAPHY/ DNA/  
ELECTROPHORESIS/ ERYTHROCYTES,  
analysis/ FISHES/ FROGS/ GENETICS,  
BIOCHEMICAL/ HAMSTERS/ \*HISTONES,  
analysis/ \*HISTONES, isolation & purification/  
HUMAN/ MICE/ PEPTIDE HYDROLASES,  
isolation & purification/ PEPTIDES, isolation  
& purification/ PLANTS/ RABBITS/ RATS/  
RNA
371. Bartlett RH, Isherwood J, Moss RA, et al: A toroidal flow membrane oxygenator: four day partial bypass in dogs. Surg Forum 20:152-3, 1969  
ANIMAL EXPERIMENTS/ ARTIFICIAL  
ORGANS/ \*BLOOD CELL COUNT/ \*CARBON  
DIOXIDE, blood/ DOGS/ \*EXTRACORPOREAL  
CIRCULATION, instrumentation/  
\*HEMODYNAMICS/ HEPARIN, administration  
& dosage/ LUNG/ MEMBRANES,  
ARTIFICIAL/ \*OXYGEN, blood
372. Bartley W, Dean B: The effect of inhibitors on the formation of phosphoenolpyruvate by rat liver mitochondria. Biochem J 115:903-12, Dec 69  
ADENOSINE TRIPHOSPHATE, antagonists &  
inhibitors/ AMOBARBITAL, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ARSENIC,  
pharmacodynamics/ BISHYDROXYCOUMARIN,  
pharmacodynamics/ CALCIUM,  
pharmacodynamics/ DINITROPHENOLS,  
pharmacodynamics/ IN VITRO/ MALATES,  
metabolism/ MALE/ \*MITOCHONDRIA, LIVER,  
drug effects/ \*MITOCHONDRIA, LIVER,  
metabolism/ OLIGOMYCIN, pharmacodynamics/  
ORGANOMETALLIC COMPOUNDS,  
pharmacodynamics/ OXYGEN CONSUMPTION/  
PYRIDINES, pharmacodynamics/ \*PYRUVATES,  
biosynthesis/ RATS/ THYROXINE,  
pharmacodynamics/ TIN, pharmacodynamics
373. Barton PG, Hanahan DJ: Some lipid-protein interactions involved in prothrombin activation. Biochim Biophys Acta 187:319-27, 28 Oct 69  
ADSORPTION/ ANIMAL EXPERIMENTS/  
CALCIUM/ CATTLE/ \*CEPHALINS/  
CHEMISTRY/ DEXTRAN/ FACTOR V/  
FACTOR X/ GEL FILTRATION/  
GLYCOPROTEINS/ KINETICS/ \*LECITHINS/  
MACROMOLECULAR SYSTEMS/ METHODS/  
\*PROTHROMBIN/ SERUM ALBUMIN,  
BOVINE/ SURFACE PROPERTIES/  
TEMPERATURE/ THROMBIN/ TIME  
FACTORS/ WATER
374. Barton PG, Yin ET, Wessler S: Reactions of activated factor X-phosphatide mixtures in vitro and in vivo. J Lipid Res 11:87-95, Mar 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ \*BLOOD COAGULATION, drug  
effects/ BLOOD COAGULATION TESTS/  
BRAIN CHEMISTRY/ CATTLE/ CEPHALINS,  
pharmacodynamics/ \*FACTOR X/ FACTOR X,  
pharmacodynamics/ GEL FILTRATION/  
HUMAN/ JUGULAR VEIN, physiology/  
LECITHINS, pharmacodynamics/ LIPIDS,  
analysis/ MALE/ PHOSPHOLIPIDS, analysis/  
\*PHOSPHOLIPIDS, pharmacodynamics/  
PROTEIN BINDING/ RABBITS/  
STIMULATION, CHEMICAL/ SURFACE  
PROPERTIES/ TIME FACTORS
375. Bartoš J, Tomášek R, Stejskalová A, et al: Nová metoda podkožní bezstehové arteriovenózní anastomózy a její význam pro opakované hemodialýzy umělou ledvinou. Cas Lek Cesk 108:1514-8, Dec 69 (Cze)  
\*ARTERIOVENOUS SHUNT, SURGICAL/  
ENGLISH ABSTRACT/ FIBRIN/  
\*HEMODIALYSIS/ HUMAN/ KIDNEY,  
ARTIFICIAL/ METHODS
376. Basova GG, Ginodman LM: Issledovanie ustoičivosti ochlishchennogo preparata gipotalamicheskogo faktora, stimulirulushchego vykhod iz gipofiza luteinizirulushchego gormona, k deistviu riada proteoliticheskikh fermentov. Probl Endokr (Moskva) 16:68-72, Mar-Apr 70 (Rus)  
CHEMISTRY/ CHYMOTRYPSIN/ ENGLISH  
ABSTRACT/ LEUCINE AMINOPEPTIDASE/  
\*LH/ PEPsin/ \*PEPTIDE HYDROLASES/  
PEPTIDE PEPTIDOHYDROLASES/  
\*PITUITARY HORMONE RELEASING  
FACTORS/ TRYPSIN
377. Basso N, Roth JL, Pfeiffer CJ: Gastric secretion after pentagastrin and histamine in the basal secreting ferret. J Surg Res 10:111-5, Mar 70  
ANIMAL EXPERIMENTS/ CARNIVORA/  
DISEASE MODELS, ANIMAL/ FISTULA/  
\*GASTRIC JUICE, secretion/ \*GASTRIN,  
pharmacodynamics/ \*HISTAMINE,  
pharmacodynamics/ PEPTIDE HYDROLASES,  
analysis/ STOMACH, enzymology/ STOMACH,  
physiology/ STOMACH, secretion/ \*STOMACH,  
secretion/ STOMACH, surgery
378. Basu HK: Fibrin degradation products in sera of women with normal menstruation and menorrhagia. Brit Med J 1:74-5, 10 Jan 70  
ADOLESCENCE/ ADULT/ FEMALE/ \*FIBRIN,  
analysis/ FIBRIN, metabolism/ FIBRINOLYSIS/  
GYNECOLOGIC DISEASES, blood/ HUMAN/  
\*MENORRHAGIA, blood/ MENORRHAGIA,  
metabolism/ \*MENSTRUATION/ MIDDLE  
AGE/ UTERUS, metabolism
379. Basu HK, Jeffcoate N: Local fibrinolytic activity in the pregnant uterus. Amer J Obstet Gynec 107:1188-94, 15 Aug 70  
ABRUPTIO PLACENTAE/ ADOLESCENCE/  
ADULT/ ARTERIES/ BLOOD COAGULATION  
TESTS/ CESAREAN SECTION/ DELIVERY/  
FEMALE/ FETAL DEATH/ \*FIBRIN,  
metabolism/ FIBRINOGEN/ \*FIBRINOLYSIS/  
HUMAN/ \*PREGNANCY/ \*UTERUS, blood  
supply/ VEINS
380. Basu HK, Williamson GF: An unusual case of recurrent coagulation failure in pregnancy. Treatment with heparin. J Obstet Gynaec Brit Comm 76:936-40, Oct 69  
\*BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD PLATELET DISORDERS,  
complications/ FEMALE/ FETAL DEATH,  
etiology/ FIBRINOGEN, analysis/  
HEMATOCRIT/ \*HEPARIN, therapeutic use/  
HUMAN/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC
381. Batiunin IT: O podkhode pri udalenii lunosheskoj angiofibromy iz krylonebnoi lamki i zacheliustnoi oblasti. Zh Ushn Nos Gorl Bolez 27:74-6, Jan-Feb 67 (Rus)  
ADOLESCENCE/ ADULT/ \*ANGIOMA,  
SCLEROSING, surgery/ CHILD/ FEMALE/  
HUMAN/ MALE/ \*MANDIBULAR  
NEOPLASMS, surgery/ METHODS/ \*PALATAL  
NEOPLASMS, surgery
382. Battaglia G, Franceschi D, Martinelli S: I corticosteroidi nella prevenzione e nella terapia dei disturbi della conduzione da infarct miocardico. Boll Soc Ital Cardiol 14:622-8, 1969 (Ita)  
\*ADRENAL CORTEX HORMONES, therapeutic  
use/ ADULT/ AGED/  
\*BISHYDROXYCOUMARIN, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/ \*HEART



# AUTHOR SECTION

- BLOCK, drug therapy/ \*HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, complications/ PREDNISOLONE, therapeutic use/ \*STROPHANTHIN, therapeutic use
383. Battaglini P, Bridonneau C: Dépistage des anticorps anti-plaquettaires: étude sur 15.000 sérums. Communication préliminaire. Rev Franc Transfus 12:Suppl:421-2, 1969 (Fre)  
\*ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTIGENS/ ANTIGENS, analysis/ \*BLOOD PLATELETS/ COMPLEMENT FIXATION TESTS/ FEMALE/ HUMAN/ MALE
384. Battellino LJ, Blanco A: Catalytic properties of the lactate dehydrogenase isozyme "X" from mouse testis. J Exp Zool 174:173-86, Jun 70  
ASPARAGINE, pharmacodynamics/ BUTYRATES, pharmacodynamics/ CATALYSIS/ CITRATES, pharmacodynamics/ ELECTROPHORESIS/ GLUTAMATES, pharmacodynamics/ KETO ACIDS, pharmacodynamics/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ LACTATE DEHYDROGENASE ISOENZYMES, antagonists & inhibitors/ \*LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ LACTATES, pharmacodynamics/ LIVER, enzymology/ MALATES, pharmacodynamics/ MALE/ MICE/ MYOCARDIUM, enzymology/ NADP, pharmacodynamics/ OXALATES, pharmacodynamics/ PEPTIDES, metabolism/ PYRUVATES, pharmacodynamics/ STARCH/ SUCCINATES, pharmacodynamics/ \*TESTIS, enzymology/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics/ VALERATES, pharmacodynamics
385. Battersby C, Burnett W, Winch J: Pancreatitis associated with hyperparathyroidism. Med J Aust 2:1268-70, 20 Dec 69  
ACUTE DISEASE/ AMYLASE, blood/ ANIMAL EXPERIMENTS/ CALCIUM, blood/ CALCIUM, metabolism/ HUMAN/ \*HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, metabolism/ HYPERPARATHYROIDISM, surgery/ HYPERPLASIA, surgery/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ \*PANCREATITIS, complications/ PARATHYROID DISEASES, surgery/ PARATHYROID NEOPLASMS, surgery/ RABBITS
386. Baudach H, Widow W, Marx G: Grundlagen, Technik und Probleme künstlicher Kreisläufe. Deutsch Gesundh 24:97-103 contd, 16 Jan 69 (Ger)  
AMINO ACIDS/ ANTICOAGULANTS, adverse effects/ BIOPHYSICS/ BUFFERS/ COLLOIDS/ ELECTROLYTES, administration & dosage/ ENZYMES/ \*EXTRACORPOREAL CIRCULATION/ FATTY ACIDS/ GLUCOSE/ \*HEART, MECHANICAL/ HEMODIALYSIS/ HORMONES/ HUMAN/ METHODS/ OXYGEN, administration & dosage/ OXYGEN CONSUMPTION/ REVIEW/ VITAMINS
387. Bauer G, Kloppe W, Schubert PU: Wirkung und Verträglichkeit von HB 419 bei ambulant behandelten Diabetikern. Arzneimittelforschung 19:Suppl:1434-6, Aug 69 (Ger)  
ANTIDIABETICS, adverse effects/ \*ANTIDIABETICS, therapeutic use/ BLOOD SUGAR, analysis/ DEPRESSION, CHEMICAL/ \*DIABETES MELLITUS, drug therapy/ \*DRUG TOLERANCE/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, drug effects/ HUMAN/ HYPOGLYCEMIA, chemically induced/ KIDNEY FUNCTION TESTS/ LIVER FUNCTION TESTS/ THROMBOPENIA, chemically induced/ TOLBUTAMIDE, therapeutic use/ UREA, adverse effects/ \*UREA, therapeutic use
388. Bauer K: Cross-reactions between human and animal plasma proteins. I. The immunological evolution groups (IEG) I and II. Humangenetik 8:325-9, 1970  
ANIMAL EXPERIMENTS/ \*ANTIGEN-ANTIBODY REACTIONS/ \*APES/ \*BLOOD PROTEINS/ CROSS REACTIONS/ EVOLUTION/ GLYCOPROTEINS/ HAPTOGLOBINS/ HUMAN/ IMMUNOGLOBULINS/ \*PRIMATES/ TRANSFERRIN/ TRYPSIN INHIBITORS
389. Bauer K: Immunological investigations on the evolution of beta 2-glycoproteins 2 and 3, IgD and inter-alpha-trypsininhibitor. Humangenetik 8:357-60, 1970  
ANIMAL EXPERIMENTS/ APES, immunology/ \*EVOLUTION/ \*GAMMA GLOBULIN, 7S, analysis/ \*GLYCOPROTEINS, blood/ HUMAN/ IMMUNOGLOBULINS, analysis/ MONKEYS, immunology/ \*PRIMATES, immunology/ \*TRYPSIN INHIBITORS, blood
390. Bauernfeind JC, Rubin SH, Surmatis JD, et al: Carotenoids and fat-soluble vitamins: contribution to food, feed and pharmaceuticals. Int Z Vitaminforsch 40:391-416, 1970  
ANIMAL EXPERIMENTS/ \*ANIMAL FEED/ BUTTER/ CAROTENE/ \*CAROTENIDS, chem synthesis/ CHOLECALCIFEROL/ \*FOOD ADDITIVES/ HUMAN/ MILK/ NUTRITIONAL REQUIREMENTS/ PHARMACEUTIC AIDS/ \*VITAMIN A, chem synthesis/ \*VITAMIN D, chem synthesis/ \*VITAMIN E, chem synthesis/ \*VITAMIN K, chem synthesis
391. Baum JD, Bulpitt CJ: Retinal and conjunctival haemorrhage in the newborn. Arch Dis Child 45:344-9, Jun 70  
BIRTH WEIGHT/ BLOOD PRESSURE/ BLOOD VISCOSITY/ CEPHALOMETRY/ \*CONJUNCTIVA/ FEMALE/ GESTATIONAL AGE/ HEMORRHAGE, etiology/ \*HEMORRHAGE, occurrence/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, occurrence/ LABOR/ MALE/ NEGROID RACE/ PARITY/ PHOTOGRAPHY/ PHYSICAL EXAMINATION/ RETINAL HEMORRHAGE, etiology/ \*RETINAL HEMORRHAGE, occurrence/ STATISTICS
392. Baum S: Hepatic angiography. Progr Liver Dis 3:444-65, 1970 (20 ref.)  
ANEURYSM, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ HEMANGIOMA, radiography/ HEPATIC ARTERY/ \*HEPATIC ARTERY, radiography/ HEPATITIS, radiography/ HUMAN/ \*LIVER, radiography/ LIVER CIRRHOSIS, radiography/ LIVER NEOPLASMS, radiography/ NEOPLASMS, radiography/ REVIEW
393. Baumann G: Gefahren bei der Streptokinase-Behandlung von Herzinfarkten. Deutsch Med Wschr 94:2296-7, 31 Oct 69 (Ger)  
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ \*STREPTOKINASE, adverse effects
394. Baumgarten W, Priester LI, Stiller DW, et al: 4-aminomethylbicyclo[2.2.2]-octane-1-carboxylic acid: a new potent antifibrinolytic agent. Its evaluation in vitro assay procedures. Thromb Diath Haemorrh 22:263-72, 15 Nov 69  
AMINOCAPROIC ACID, pharmacodynamics/ AMINOCAPROIC ACID, standards/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ FIBRINOGEN, metabolism/ \*FIBRINOLYSIS/ IODINE ISOTOPES/ PLASMINOGEN, pharmacodynamics/ STREPTOKINASE, pharmacodynamics
395. Baumgartner D: Antikoagulantien bei intermittierender zerebrovaskulärer insuffizienz. Deutsch Med Wschr 95:713, 27 Mar 70 (G)  
\*ANTICOAGULANTS, therapeutic use/ \*CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ HUMAN
396. Baumgartner G: Die Behandlung der



# AUTHOR SECTION

- intermittierenden zerebrovaskulären Insuffizienz.  
Deutsch Med Wschr 95:180-1, 23 Jan 70 (Ger)  
ANTICOAGULANTS, therapeutic use/  
CEREBRAL ISCHEMIA, TRANSIENT, drug  
therapy/ CEREBRAL ISCHEMIA, TRANSIENT,  
therapy/ \*CEREBRAL ISCHEMIA,  
TRANSIENT, therapy/ CEREBROVASCULAR  
DISORDERS, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
HUMAN
397. Baumgartner HR, Thoenen H, Tranzer JP:  
Accumulation of 5-hydroxydopamine in 5-HT storage  
organelles of cat platelets and concomitant changes in  
platelet aggregation. Experientia 25:857-9, 15 Aug 69  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ BLOOD PLATELETS, drug  
effects/ \*BLOOD PLATELETS, metabolism/  
CATS/ FEMALE/ MALE/ MICROSCOPY,  
ELECTRON/ \*ORGANOIDS, metabolism/  
\*PHENETHYLAMINES, metabolism/  
SEROTONIN, pharmacodynamics
398. Baur O, Assan R, Roux J, et al: L'anesthésie et la  
réanimation au cours de la transplantation intestinale.  
J Chir (Paris) 98:349-56, Oct 69 (Fre)  
ACID-BASE EQUILIBRIUM/ ADULT/  
AMINOTRANSFERASES, blood/  
\*ANESTHESIA, GENERAL/ BLOOD SUGAR,  
analysis/ GLYCOSURIA/ HEMOSTASIS/  
HUMAN/ \*INTESTINES, transplantation/  
INTUBATION, INTRATRACHEAL/ MALE/  
OSMOLAR CONCENTRATION/  
\*POSTOPERATIVE CARE/ \*RESUSCITATION/  
SHOCK, SURGICAL/ TRANSPLANTATION,  
HOMOLOGOUS/ WATER-ELECTROLYTE  
BALANCE
399. Bayer WL, Curiel D, Szeto IL, et al: Acquired factor X  
deficiency in a Negro boy. Pediatrics 44:1007-9, Dec 69  
BLOOD COAGULATION TESTS/ CASE  
REPORT/ CHILD/ \*FACTOR X, analysis/  
HUMAN/ \*HYPOPROTHROMBINEMIAS,  
etiology/ MALE/ NEGROID RACE
400. Bayer WL, Shea JD, Curiel DC, et al: Excision of a  
pseudocyst of the hand in a hemophiliac  
(PTC-deficiency). Use of a plasma thromboplastin  
component concentrate.  
J Bone Joint Surg [Amer] 51:1423-7, Oct 69  
ADULT/ BLOOD COAGULATION TESTS/  
\*CHRISTMAS DISEASE/ \*CYSTS, surgery/  
FACTOR IX, analysis/ \*FACTOR XI,  
administration & dosage/ \*HAND, surgery/  
HUMAN/ INFUSIONS, PARENTERAL/ MALE/  
PROTHROMBIN TIME
401. Bayer WL, Shea JD, Curiel DC, et al: Excision of a  
pseudocyst of the hand in a hemophiliac  
(PTC-deficiency). Use of a plasma thromboplastin  
component concentrate.  
J Amer Med Wom Ass 51:1423-7, Oct 69  
ADULT/ BLOOD COAGULATION TESTS/  
\*CHRISTMAS DISEASE/ \*CYSTS, surgery/  
FACTOR IX, analysis/ \*FACTOR XI,  
administration & dosage/ \*HAND, surgery/  
HUMAN/ INFUSIONS, PARENTERAL/ MALE/  
PROTHROMBIN TIME
402. Beal RW, Gizis E, Meyer LM: Serum protein binding of  
vitamin B12.  
Scand J Haemat Suppl 10:1-39, 1969 (180 ref.)  
AMMONIUM COMPOUNDS, pharmacodynamics/  
ANTICOAGULANTS, pharmacodynamics/  
BIOLOGICAL TRANSPORT/ \*BLOOD  
PROTEINS, metabolism/ C-REACTIVE  
PROTEIN, metabolism/ CEREBROSPINAL  
FLUID, metabolism/ CHARCOAL/  
CHEMISTRY, ANALYTICAL/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
COBALT ISOTOPES/ CYANIDES,  
pharmacodynamics/ DIALYSIS/  
ELECTROPHORESIS/ ERYTHROCYTES,  
metabolism/ GASTRIC JUICE, metabolism/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
LEUKEMIA, metabolism/ LEUKOCYTES,  
metabolism/ LYMPH, metabolism/  
PRECIPITATION/ \*PROTEIN BINDING/  
REVIEW/ SALIVA, metabolism/ STARCH/  
SULFATES, pharmacodynamics/ UREA,  
pharmacodynamics/ URINE, metabolism/  
\*VITAMIN B 12, blood/ VITAMIN B 12,  
metabolism/ VITAMIN B 12,  
pharmacodynamics/ VITAMIN B 12  
DEFICIENCY, metabolism
403. Beale D, Gerbert J: Peptide analysis of normal human  
immunoglobulin M.  
Biochim Biophys Acta 207:265-7, 28 Apr 70  
CARBON ISOTOPES/ CHROMATOGRAPHY/  
CHYMOTRYPSIN/ CYSTEINE/  
ELECTROPHORESIS/ \*GAMMA GLOBULIN,  
19S, analysis/ HUMAN/ IODOACETATES/  
\*PEPTIDES, analysis/ TRYPSIN
404. Beall AC Jr, Bricker DL, Messmer BJ: Results of mitral  
valve replacement with dacron velour-covered  
teflon-disc prosthesis.  
Ann Thorac Surg 9:195-202, Mar 70  
ANTICOAGULANTS, therapeutic use/ AORTIC  
VALVE INSUFFICIENCY, surgery/  
\*FLUOROCARBON POLYMERS/ \*HEART  
VALVE PROSTHESIS/ HEART VALVE  
PROSTHESIS, mortality/ HUMAN/ \*MITRAL  
VALVE INSUFFICIENCY, surgery/  
\*POLYMERS/ THROMBOEMBOLISM,  
occurrence/ \*THROMBOEMBOLISM, prevention  
& control/ TRICUSPID VALVE  
INSUFFICIENCY, surgery
405. Beall AC Jr, Weg JG, Stevens PM, et al: Human lung  
allotransplantation. Report of two cases.  
Amer J Surg 119:300-10, Mar 70  
ADULT/ ALPHA GLOBULIN, analysis/ CASE  
REPORT/ HUMAN/ IMMUNOSUPPRESSIVE  
AGENTS/ LUNG, pathology/ \*LUNG,  
transplantation/ LYMPHOCYTES, immunology/  
MALE/ \*PULMONARY EMPHYSEMA, surgery/  
TIME FACTORS/ TRANSPLANTATION,  
HOMOLOGOUS/ \*TRANSPLANTATION  
IMMUNOLOGY/ TRYPSIN INHIBITORS, blood
406. Beato M, Biesewig D, Braendle W, et al: On the  
mechanism of hormone action. XV. Subcellular  
distribution and binding of (1,2-3H)cortisol in rat  
liver. Biochim Biophys Acta 192:494-507, 30 Dec 69  
ANIMAL EXPERIMENTS/ CELL NUCLEUS,  
metabolism/ CENTRIFUGATION, DENSITY  
GRADIENT/ CHROMATOGRAPHY, THIN  
LAYER/ CYTOPLASM, metabolism/ DNA/  
GEL FILTRATION/ \*HYDROCORTISONE,  
metabolism/ HYDROCORTISONE,  
pharmacodynamics/ INJECTIONS,  
INTRAPERITONEAL/ LIVER, cytology/  
LIVER, drug effects/ \*LIVER, metabolism/  
MACROMOLECULAR SYSTEMS/ MALE/  
NEURAMINIDASE/ OSMOLAR  
CONCENTRATION/ PEPTIDE HYDROLASES/  
PROTEIN BINDING/ RATS/ RIBONUCLEASE/  
TRITIUM/ TRYPSIN
407. Beato del Rosal M: Distribución subcelular, transporte  
y fijación 1,2-3H-cortisol en el hígado de rata.  
Rev Iber Endocr 17:109-51, Mar-Apr 70 (Spa)  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
TRANSPORT/ CENTRIFUGATION, DENSITY  
GRADIENT/ CHROMATOGRAPHY/  
CHROMATOGRAPHY, THIN LAYER/ DNA,  
metabolism/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ GLYCOPROTEINS, metabolism/  
\*HYDROCORTISONE, metabolism/ LIVER,  
enzymology/ \*LIVER, metabolism/  
MITOCHONDRIA, LIVER, metabolism/  
NEURAMINIDASE, analysis/ PEPTIDE  
HYDROLASES, analysis/ RATS/  
RIBONUCLEASE, analysis/ RNA  
NUCLEOTIDYL- TRANSFERASES, analysis/  
SEX CHROMATIN, metabolism/ TRITIUM/  
TRYPSIN, analysis
408. Béchamps GJ, Lynn HB, Wenzl JE: Empyema in  
children: review of mayo clinic experience.  
Mayo Clin Proc 45:43-50, Jan 70  
ACUTE DISEASE/ ADOLESCENCE/  
ANTIBIOTICS, therapeutic use/ CHILD/  
CHILD, PRESCHOOL/ CHRONIC DISEASE/  
DIPLOCOCCUS PNEUMONIAE, pathogenicity/  
EMPYEMA/ EMPYEMA, complications/  
EMPYEMA, diagnosis/ EMPYEMA, drug



# AUTHOR SECTION

- therapy/ EMPYEMA, etiology/ EMPYEMA, mortality/ \*EMPYEMA, occurrence/ EMPYEMA, radiography/ EMPYEMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ PNEUMONIA, complications/ RETROSPECTIVE STUDIES/ STAPHYLOCOCCUS, pathogenicity/ STREPTODORNASE AND STREPTOKINASE, therapeutic use
409. Bechtoldt AA Jr: Blood transfusion and transfusion reactions. *J Amer Ass Nurse Anesth* 37:450-9, Dec 69  
ACID-BASE EQUILIBRIUM/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ SPECIAL LIST NURSING
410. Beck AD, Taylor DE: Post-prostatectomy epididymitis: a bacteriological and clinical survey. *J Urol* 104:143-5, Jul 70  
AMPICILLIN, therapeutic use/ \*EPIDIDYMITIS, etiology/ EPIDIDYMITIS, microbiology/ HEMATOMA, etiology/ HUMAN/ LEUKOCYTE COUNT/ MALE/ POSTOPERATIVE COMPLICATIONS/ \*PROSTATECTOMY, adverse effects/ URINE, microbiology/ VAS DEFERENS, microbiology/ VAS DEFERENS, surgery
411. Beck EA: Circulating heparin-like substance after liver injury. *Lancet* 1:1287, 13 Jun 70  
BLOOD COAGULATION DISORDERS, etiology/ \*HEPARIN, blood/ HEPARIN ANTAGONISTS, therapeutic use/ HUMAN/ \*LIVER, injuries/ \*LIVER CIRCULATION/ PROTHROMBIN TIME/ WOUNDS AND INJURIES, blood
412. Beck EA, Baumgartner HR: Zur Frage der Thrombopathie bei May-Hegglin-Anomalie. *Schweiz Med Wschr* 100:330-3, 14 Feb 70 (Ger)  
ADENINE NUCLEOTIDES, pharmacodynamics/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELET DISORDERS, pathology/ BLOOD PLATELETS, drug effects/ \*CYTOPLASMIC GRANULES, analysis/ FEMALE/ HUMAN/ \*LEUKOCYTES/ LIPOPROTEINS, metabolism/ MALE/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ RNA, analysis/ THROMBELASTOGRAPHY
413. Becker H, Kellerer K: Koronarerkrankungen im Säuglings- und Kleinkindesalter. *Helv Paediat Acta* 24:474-92, Oct 69 (Ger)  
\*CORONARY DISEASE, congenital/ \*CORONARY VESSEL ANOMALIES, pathology/ \*CORONARY VESSELS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY, pathology/ LUNG, pathology/ MALE/ \*PERIARTERITIS NODOSA, complications/ \*THROMBOPENIA, complications
414. Becker H, Knecht LH, Straschil F: Die makrozytäre Regeneration der Erythropoese. Tierexperimentelle Untersuchungen bei der Phenylhydrazinhämolyse. *Acta Haemat (Basel)* 43:144-71, 1970 (Ger)  
\*ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ ANEMIA, HEMOLYTIC, ACQUIRED, physiopathology/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ DACTINOMYCIN, pharmacodynamics/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ ERYTHROCYTES, cytology/ \*ERYTHROCYTES, physiology/ \*ERYTHROPOIESIS/ ERYTHROPOIESIS, drug effects/ HEMATOCRIT/ HEMOGLOBINOMETRY/ \*HEMOLYSIS/ HEPARIN, pharmacodynamics/ MALE/ PHENYLHYDRAZINE/ RABBITS/ RETICULOCYTES, physiology
415. Becker KE, Gott VL, Allen JC: Purification of some human serum proteins responsible for heparin binding. *Amer J Physiol* 218:1500-5, May 70  
\*ALPHA GLOBULIN, isolation & purification/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ \*HEPARIN/ HUMAN/ IMMUNOELECTROPHORESIS/ \*PROTEIN BINDING/ STARCH/ TRITIUM
416. Beer R, Soga D: Anaesthesiologische Erfahrungen bei Herzoperationen. *Anaesthesist* 19:1-8, Jan 70 (67 ref.) (Ger)  
ACID-BASE EQUILIBRIUM/ \*ANESTHESIA, INHALATION/ AORTIC COARCTATION, surgery/ DUCTUS ARTERIOSUS, PATENT, surgery/ EXTRACORPOREAL CIRCULATION/ HEART, MECHANICAL/ \*HEART SURGERY/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, physiology/ METHODS/ MITRAL VALVE STENOSIS, surgery/ PERICARDITIS, CONstrictive, surgery/ PREANESTHETIC MEDICATION/ REVIEW
417. Beer Z: Pobieranie i konserwowanie krwi ze zwłok. *Wlad Lek* 23:379-82, 1 Mar 70 (Pol)  
\*BLOOD PRESERVATION/ \*CADAVER/ ENGLISH ABSTRACT/ HUMAN
418. Beerstecher HJ: La thrombose primitive des veines profondes du bras. *Phlebologie* 23:69-71, Jan-Mar 70 (Fre)  
ANTICOAGULANTS, administration & dosage/ \*ARM, blood supply/ FEMALE/ HUMAN/ MALE/ PHLEBOGRAPHY/ \*THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery
419. Beeser H, Egli H: Erfahrungen bei der Anwendung von Fraktion I nach Cohn. *Folia Haemat (Leipzig)* 93:349-56, 1970 (Ger)  
ADOLESCENCE/ ADULT/ AFIBRINOGENEMIA, therapy/ AMPUTATION/ \*BLOOD COAGULATION DISORDERS, therapy/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ \*FACTOR VIII, therapeutic use/ FEMALE/ HEMOPHILIA, therapy/ HEMORRHAGE, therapy/ HEMORRHAGE, ORAL, therapy/ HUMAN/ MALE/ TEMPERATURE/ THROMBOPENIA, therapy/ TONSILLECTOMY/ TOOTH EXTRACTION/ VON WILLEBRAND'S DISEASE, therapy
420. Beesley WN: Observations on the biology of the ox warble-fly (Hypoderma: Diptera, Oestridae). 3. Dermolytic properties of larval extracts. *Ann Trop Med Parasit* 63:157-60, Jun 69  
ANIMAL EXPERIMENTS/ \*DIPTERA/ GUINEA PIGS/ HUMAN/ HYPODERMYIASIS, physiopathology/ INJECTIONS, INTRADERMAL/ INTESTINES, enzymology/ PEPTIDE HYDROLASES/ \*SKIN, drug effects/ SKIN, pathology/ \*TISSUE EXTRACTS, pharmacodynamics
421. Begent N, Born GV: Growth rate in vivo of platelet thrombi, produced by iontophoresis of ADP, as a function of mean blood flow velocity. *Nature (London)* 227:926-30, 29 Aug 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD FLOW VELOCITY/ \*BLOOD PLATELETS/ CHEEK, blood supply/ ELECTROPHORESIS/ FEMALE/ HAMSTERS/ MALE/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ THROMBOSIS, chemically induced/ \*THROMBOSIS, etiology/ VEINS, cytology
422. Behan PO, Feldman RG: Serum proteins, amyloid and Alzheimer's disease. *J Amer Geriatr Soc* 18:792-7, Oct 70  
AGED/ \*AMYLOID, blood/ ATROPHY, radiography/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, analysis/ BRAIN/ BRAIN DISEASES, radiography/ CENTRAL NERVOUS SYSTEM/ \*DEMENTIA, PRESENILE, blood/ DEMENTIA, PRESENILE, diagnosis/ HAPTOGLOBINS, analysis/ HISTOLOGICAL TECHNIQUES/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROGLOBULINS, analysis/ MIDDLE AGE/ PSYCHOSES, blood/ SERUM ALBUMIN, analysis/ TRYPSIN INHIBITORS, blood
423. Behlke J, Krantz S, Lober M, et al: Zum



# AUTHOR SECTION

hydrodynamischen Verhalten des Fibrinogens  
kobaltbehandelter Kaninchen.  
Acta Biol Med German 23:933-6, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*COBALT, analysis/  
DIFFUSION/ \*FIBRINOGEN, analysis/  
MOLECULAR WEIGHT/ RABBITS/  
ULTRACENTRIFUGATION

424. Behnke O: Effects of some chemicals on blood platelet microtubules, platelet shape and some platelet functions in vitro. Scand J Haemat 7:123-40, 1970  
\*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CELL AGGREGATION, drug effects/ CLOT RETRACTION/ COCAINE, pharmacodynamics/ COLCHICINE, pharmacodynamics/ CYANIDES, pharmacodynamics/ DIURETICS, MERCURIAL, pharmacodynamics/ ETHYLMALAIMIDE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ HUMAN/ IN VITRO/ IODOACETATES, pharmacodynamics/ MICROSCOPY, ELECTRON/ MICROTUBULES, drug effects/ \*ORGANOIDS, drug effects/ OUABAIN, pharmacodynamics

425. Behnke O: A comparative study of microtubules of disk-shaped blood cells.  
J Ultrastruct Res 31:61-75, Apr 70  
ANIMAL EXPERIMENTS/  
BENZOCYCLOHEPTENES, pharmacodynamics/  
\*BLOOD PLATELETS/ CHICKENS/ COLD/  
\*ERYTHROCYTES, cytology/  
ETHYLMALAIMIDE, pharmacodynamics/  
FROGS/ HUMAN/ MICROSCOPY, ELECTRON/  
\*ORGANOIDS/ RATS/ VINCRISTINE, pharmacodynamics

426. Behnke WD, Teller DC, Wade RD, et al: Hybrid formation of carboxypeptidase A and fraction II of procarboxypeptidase A.  
Biochemistry (Wash) 9:4189-200, 13 Oct 70  
ACETIC ACIDS/ ACRIDINES/ ALKYLATION/  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*CARBOXYPEPTIDASES/  
CARBOXYPEPTIDASES, analysis/  
CARBOXYPEPTIDASES, antagonists & inhibitors/ CATTLE/ CHEMISTRY/  
COMPUTERS/ \*ENZYME PRECURSORS/  
HYDROGEN-ION CONCENTRATION/  
IMIDAZOLES/ MATHEMATICS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/  
PANCREAS, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES/ PROPIONATES/  
SPECTROPHOTOMETRY/ SUCCINATES/  
TEMPERATURE/ ULTRACENTRIFUGATION

427. Behnke WD, Wade RD, Neurath H: Interactions of the endopeptidase subunit of bovine procarboxypeptidase A-S6.  
Biochemistry (Wash) 9:4179-88, 13 Oct 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/  
BUTANONES/ CARBON ISOTOPES/  
\*CARBOXYPEPTIDASES/  
CARBOXYPEPTIDASES, antagonists & inhibitors/ CATTLE/ CHROMATOGRAPHY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN, antagonists & inhibitors/  
CINNAMATES/ ELECTROPHORESIS, DISK/  
ENZYME ACTIVATION/ ENZYME PRECURSORS/ FORMIC ACIDS/ GEL FILTRATION/ HISTIDINE/ IMIDAZOLES/  
ISOFLUROPHATE/ MOLECULAR WEIGHT/  
PANCREAS, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/  
PHOSPHORUS ISOTOPES/ SERINE/ TRYPSIN

428. Behrman HR, Kare MR: Adaptation of canine pancreatic enzymes to diet composition.  
J Physiol (London) 205:667-76, Dec 69  
\*ADAPTATION, PHYSIOLOGICAL/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ \*DIET/ DIETARY CARBOHYDRATES, analysis/  
DIETARY FATS, analysis/ DIETARY PROTEINS, analysis/ DOGS/ FEMALE/  
LIPASE, metabolism/ MALE/ \*PANCREATIC JUICE, enzymology/ PEPTIDE HYDROLASES, metabolism

429. Beier HM: Hormonal stimulation of protease inhibitor

activity in endometrial secretion during early pregnancy. Acta Endocr (Kobenhavn) 63:141-9, Jan 70  
AGAR/ ANIMAL EXPERIMENTS/  
ELECTROPHORESIS/ \*ENDOMETRIUM, drug effects/ ENDOMETRIUM, enzymology/  
\*ESTRADIOL, pharmacodynamics/ OVUM, growth & development/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/  
\*PREGNANCY/ \*PROGESTERONE, pharmacodynamics/ RABBITS/ \*TRYPSIN INHIBITORS, metabolism/ \*UTERUS, enzymology/ UTERUS, metabolism

430. Beighton PH, Murdoch JL, Votteler T: Gastrointestinal complications of the Ehlers-Danlos syndrome.  
Gut 10:1004-8, Dec 69  
ADULT/ DIAPHRAGMATIC HERNIA, complications/ DIVERTICULOSIS, COLONIC, complications/ \*EHLERS-DANLOS SYNDROME, complications/ FEMALE/  
\*GASTROINTESTINAL DISEASES, complications/ GASTROINTESTINAL DISEASES, surgery/ HEMORRHAGE, GASTROINTESTINAL, complications/  
HEMORRHAGIC DIATHESIS, complications/  
HERNIA, complications/ HUMAN/  
INTESTINAL PERFORATION, complications/  
POSTOPERATIVE COMPLICATIONS/  
SUTURES

431. Beládi I, Mucsi I, Bakay M, et al: Rescue of heat-inactivated adenovirus type 1 and 6 by ultraviolet-irradiated adenovirus type 8.  
J Gen Virol 7:153-8, 1970  
ADENOVIRUS, drug effects/ ADENOVIRUS, growth & development/ ADENOVIRUS, immunology/ \*ADENOVIRUS, pathogenicity/  
ADENOVIRUS, radiation effects/  
CARCINOMA/ CELL LINE/  
CYTOPATHOGENIC EFFECT, VIRAL/ \*HEAT/ HERPESVIRUS HOMINIS/ HUMAN/ IMMUNE SERUMS/ LARYNGEAL NEOPLASMS/  
NEUTRALIZATION TESTS/  
PARA-INFLUENZA VIRUSES/ RABBITS/  
TRYPSIN, pharmacodynamics/ ULTRASONICS/  
\*ULTRAVIOLET RAYS/ VIBRATION

432. Belán A, Kočandrie V, Pospíchal J, et al: Komplikationen bei verschiedenen arteriographischen Untersuchungsmethoden.  
Fortschr Roentgenstr 110:57-64, Jan 69 (Ger)  
\*ANGIOGRAPHY, adverse effects/  
ANGIOGRAPHY, mortality/ \*AORTA, ABDOMINAL, radiography/ AORTOGRAPHY, adverse effects/ \*CELIAC ARTERY, radiography/ \*CONTRAST MEDIA, adverse effects/ ENGLISH ABSTRACT/ FEMALE/  
HEMATOMA, etiology/ HUMAN/ MALE/  
\*MESENTERIC ARTERIES, radiography/  
METHODS/ \*RENAL ARTERY, radiography

433. Belen'kiĭ AI: Effektivnost' lecheniia koroninom bol'nykh koronarnym aterosklerozom.  
Vrach Delo 5:67-70, May 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION, drug effects/ CHILD/ CHILD, PRESCHOOL/ \*CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/  
\*HEART RATE, drug effects/ HUMAN/  
MALE/ MIDDLE AGE/ \*PRENYLAMINE, therapeutic use

434. Beliaev MP, Antonenkov GM: K klinike i lecheniiu tromboembolii bryzhechnykh sosudov.  
Khirurgiia (Moskva) 45:92-6, May 69 (Rus)  
ANTICOAGULANTS, therapeutic use/  
ENGLISH ABSTRACT/ HUMAN/  
LAPAROTOMY/ \*MESENTERIC ARTERIES/  
MESENTERIC ARTERIES, surgery/  
\*MESENTERIC VEINS/ MESENTERIC VEINS, surgery/ \*THROMBOEMBOLISM, diagnosis/  
THROMBOEMBOLISM, mortality/  
THROMBOEMBOLISM, surgery/  
\*THROMBOEMBOLISM, therapy

435. Belichenko IA, Khil'kin AM, Lemenev VI, et al: Trombozy magistral'nykh ven (diagnostika i khirurgicheskoe lechenie)  
Kardiologiya 9:127-35, Dec 69 (112 ref.) (Rus)  
ANTICOAGULANTS, therapeutic use/



# AUTHOR SECTION

- ARTERIOVENOUS SHUNT, SURGICAL/  
BLOOD VESSEL PROSTHESIS/ HEPARIN,  
therapeutic use/ HUMAN/ NEOPLASMS,  
VASCULAR TISSUE, complications/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ REVIEW/  
THROMBOPHLEBITIS, complications/  
\*THROMBOPHLEBITIS, diagnosis/  
\*THROMBOPHLEBITIS, surgery/  
THROMBOSIS, prevention & control/  
TRANSPLANTATION, AUTOLOGOUS/  
TRANSPLANTATION, HOMOLOGOUS/  
VASCULAR DISEASES, diagnosis/ VASCULAR  
DISEASES, etiology/ VASCULAR SURGERY/  
VEINS, transplantation/ VENA CAVA,  
INFERIOR/ VENA CAVA, SUPERIOR
436. Belkorinitskii DV, Marisenko GP, Palkhovtsh SA:  
Issledovanie immunoglobulinov i nekotorykh drugikh  
pokazatelei immunologicheskoi reaktivnosti pri  
khronicheskikh pnevmoniyakh u detei.  
Pediatrila 48:21-4, Sep 69 (Rus)  
ADOLESCENCE/ ANTIBODIES, analysis/  
BLOOD PLATELETS, immunology/ CHILD/  
CHILD, PRESCHOOL/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ FEMALE/ \*GAMMA  
GLOBULIN, analysis/ HUMAN/ LEUKOCYTES,  
immunology/ MALE/ \*PNEUMONIA,  
immunology
437. Bell C, Dray S: Conversion of non-immune spleen cells  
by ribonucleic acid of lymphoid cells from an  
immunized rabbit to produce gammaM antibody of  
foreign light chain allotype.  
J Immun 103:1196-211, Dec 69  
ANIMAL EXPERIMENTS/ \*ANTIBODY  
FORMATION, drug effects/ ASCITIC FLUID,  
cytology/ BINDING SITES/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
ERYTHROCYTES/ \*GAMMA GLOBULIN, 7S,  
biosynthesis/ IMMUNOASSAY/ LYMPH  
NODES, cytology/ RABBITS/ RIBONUCLEASE,  
pharmacodynamics/ \*RNA, pharmacodynamics/  
SHEEP/ \*SPLEEN, cytology/ TISSUE  
CULTURE/ TRYPSIN, pharmacodynamics
438. Bell C, Dray S: Conversion of non-immune rabbit spleen  
cells by ribonucleic acid of lymphoid cells from an  
immunized rabbit to produce IgG antibody of foreign  
light chain allotype. J Immun 105:541-56, Sep 70  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ \*ANTIBODY FORMATION/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
ERYTHROCYTES, immunology/ GAMMA  
GLOBULIN, 7S, analysis/ GOATS/  
HEMOLYTIC PLAQUE TECHNIC/ IMMUNE  
SERUMS/ IMMUNIZATION/  
IMMUNOCHEMISTRY/ \*LYMPH NODES,  
immunology/ LYMPHOCYTES, immunology/  
MERCAPTOETHANOL, pharmacodynamics/  
RABBITS/ RIBONUCLEASE,  
pharmacodynamics/ \*RNA/ SHEEP/ \*SPLEEN,  
immunology/ TISSUE EXTRACTS/ TRYPSIN,  
pharmacodynamics
439. Bell CE Jr, Chaplin H Jr: Application of a modified  
technique to study urinary immunoglobulin light  
chain and whole IgG excretion in normal human  
subjects and patients with immune-related disorders.  
J Lab Clin Med 75:636-53, Apr 70  
ADENOCARCINOMA, urine/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, urine/  
ELECTROPHORESIS/ FEMALE/ FILTRATION/  
\*GAMMA GLOBULIN, urine/ GAMMA  
GLOBULIN, 7S, urine/ GEL DIFFUSION  
TESTS/ HUMAN/ IMMUNOGLOBULINS, urine/  
INFECTIOUS MONONUCLEOSIS, urine/  
LEUKEMIA, LYMPHOCYTIC, urine/  
LYMPHOSARCOMA, urine/ NEOPLASM  
METASTASIS/ PAPER/ PREGNANCY/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, urine/ \*PROTEINURIA,  
diagnosis/ PURPURA, THROMBOPENIC, urine
440. Bell FP, Lofland HB Jr, Clarkson TB: Plasma  
cholesterol turnover and esterification in the pigeon.  
Lipids 5:153-5, Jan 70  
ANIMAL EXPERIMENTS/ CHOLESTEROL,  
administration & dosage/ CHOLESTEROL,  
blood/ \*CHOLESTEROL, metabolism/ DIET,  
ATHEROGENIC/ DIETARY FATS/ ESTERS,  
metabolism/ FEMALE/ INJECTIONS,  
INTRAVENOUS/ MALE/ PIGEONS/ SPECIES  
SPECIFICITY/ TIME FACTORS/ TRITIUM
441. Bell RG, Matschner JT: Synthesis and destruction of  
prothrombin in the rat.  
Arch Biochem 135:152-9, Dec 69  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION TESTS/ CYCLOHEXIMIDE,  
administration & dosage/ CYCLOHEXIMIDE,  
pharmacodynamics/ DACTINOMYCIN,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
LIVER, metabolism/ MALE/ METABOLISM,  
drug effects/ NAPHTHOQUINONES,  
pharmacodynamics/ PHYTONADIONE,  
antagonists & inhibitors/ PHYTONADIONE,  
pharmacodynamics/ PROTEINS, biosynthesis/  
PROTHROMBIN, biosynthesis/  
\*PROTHROMBIN, metabolism/ RATS/ RNA,  
biosynthesis/ STIMULATION, CHEMICAL/  
TIME FACTORS/ TRITIUM/ \*VITAMIN K,  
antagonists & inhibitors/ \*VITAMIN K  
DEFICIENCY, metabolism/ WARFARIN,  
pharmacodynamics
442. Bell RS: The radiographic manifestations of alpha-1  
antitrypsin deficiency. An important recognizable  
pattern of chronic obstructive pulmonary disease  
(COPD). Radiology 95:19-24, Apr 70  
ADULT/ CHRONIC DISEASE/ FEMALE/  
HOMOZYGOTE/ HUMAN/ MALE/  
\*METABOLISM, INBORN ERRORS,  
radiography/ MIDDLE AGE/ PULMONARY  
EMPHYSEMA, enzymology/ \*PULMONARY  
EMPHYSEMA, etiology/ PULMONARY  
EMPHYSEMA, radiography/ \*TRYPSIN  
INHIBITORS
443. Bell WE, Lascari AD: Rocky mountain spotted fever.  
Neurological symptoms in the acute phase.  
Neurology (Minneapolis) 20:841-7, Sep 70  
ACUTE DISEASE/ CHILD/ CHILD,  
PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/  
ENCEPHALITIS, diagnosis/ HUMAN/ MALE/  
MEASLES, diagnosis/ MENINGITIS, diagnosis/  
MENINGOCOCCAL INFECTIONS, diagnosis/  
\*NEUROLOGIC MANIFESTATIONS/ \*ROCKY  
MOUNTAIN SPOTTED FEVER, diagnosis/  
THROMBOPENIA
444. Bell WR, Regoezi E: Isotopic studies of therapeutic  
anticoagulation with a coagulating enzyme.  
J Clin Invest 49:1872-9, Oct 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ FIBRINOGEN,  
analysis/ FIBRINOGEN, metabolism/  
HEMATOCRIT/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ IODINE ISOTOPES/  
KINETICS/ RABBITS/ SERUM ALBUMIN,  
analysis/ SERUM ALBUMIN,  
RADIO-IODINATED/ TIME FACTORS/  
\*VENOMS, pharmacodynamics
445. Bellars AR: Hereditary disease in British Antarctic  
sledge dogs. Vet Rec 85:600-7, 29 Nov 69  
ANTARCTIC REGIONS/ BLOOD  
COAGULATION TESTS/ DIAGNOSIS,  
DIFFERENTIAL/ \*DOG DISEASES, familial &  
genetic/ DOGS/ ENTROPION, diagnosis/  
ENTROPION, surgery/ \*ENTROPION,  
veterinary/ FEMALE/ HEMOPHILIA,  
diagnosis/ \*HEMOPHILIA, veterinary/ MALE/  
PEDIGREE
446. Beller FK: The role of endotoxin in disseminated  
intravascular coagulation.  
Thromb Diath Haemorrh 36:Suppl 36:125+, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION  
DISORDERS, immunology/ BLOOD  
COAGULATION FACTORS/ BLOOD  
PLATELETS/ BLOOD PLATELETS, drug  
effects/ \*ENDOTOXINS/ ENDOTOXINS,  
administration & dosage/ ENDOTOXINS,  
analysis/ ENDOTOXINS, metabolism/  
FIBRINOGEN, analysis/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ KIDNEY, pathology/  
KIDNEY CORTEX NECROSIS, pathology/



# AUTHOR SECTION

LEUKOCYTES, metabolism/ LIPIDS, analysis/  
LIPIDS, toxicity/ RABBITS/  
RETICULOENDOTHELIAL SYSTEM,  
metabolism/ SHWARTZMAN PHENOMENON,  
etiology/ STREPTOKINASE, pharmacodynamics

HUMAN/ METHODS/ \*THROMBOPLASTIN,  
metabolism

447. Belman AB, Susmano DF, Burden JJ, et al:  
Nonoperative treatment of unilateral renal vein  
thrombosis in the newborn.  
JAMA 211:1165-8, 16 Feb 70  
ACUTE DISEASE/ DIARRHEA, INFANTILE,  
complications/ FEMALE/ FOLLOW-UP  
STUDIES/ HEMATURIA, complications/  
HEPARIN, therapeutic use/ HUMAN/  
INFANT/ INFANT, NEWBORN/ \*INFANT,  
NEWBORN, DISEASES, therapy/ MALE/  
OBESITY/ PREGNANCY/ PREGNANCY  
COMPLICATIONS/ PREGNANCY IN  
DIABETES/ \*RENAL VEINS/ STEROIDS,  
adverse effects/ THROMBOPENIA,  
complications/ THROMBOPHLEBITIS, etiology/  
THROMBOPHLEBITIS, radiography/  
\*THROMBOPHLEBITIS, therapy/  
UROGRAPHY/ VENA CAVA, INFERIOR,  
radiography
448. Belousov AS, Sharova IuA, Iumashikina AG: O  
svertyvani krov'i u bol'nykh lazvennoi bolezni'u v  
period ostrogo krovotochenia.  
Khirurgiya (Moskva) 45:58-62, May 69 (Rus)  
\*BLOOD COAGULATION/ \*DUODENAL  
ULCER, complications/ ENGLISH ABSTRACT/  
FIBRINOLYSIS/ GASTRIC JUICE/ HEPARIN,  
blood/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ \*PEPTIC ULCER  
HEMORRHAGE, physiotherapy/ TIME  
FACTORS
449. Benda R, Hronovský V: Course of air-borne infection  
caused by B virus (Herpesvirus simiae). 5.  
Significance of viraemia and role of blood leucocytes  
of B-virus, particularly air-borne infection of rabbits.  
J Hyg Epidem (Praha) 14:27-35, 1970  
AIR MICROBIOLOGY/ ANIMAL  
EXPERIMENTS/ \*BLOOD, microbiology/  
HEPARIN, pharmacodynamics/ HERPESVIRUS,  
growth & development/ \*HERPESVIRUS  
INFECTIONS, blood/ \*LEUKOCYTES/  
RABBITS/ VIRUS CULTIVATION/ VIRUS  
REPLICATION
450. Bender H: Pullulanase von Aerobacter aerogenes.  
Lokalisation des zellgebundenen Enzyms  
kontinuierlich gezüchteter Zellen. Mögliche  
Assoziation mit dem äusseren Membransystem der  
Zellen. Arch Mikrobiol 71:331-52, 1970 (Ger)  
ACRYLATES/ AEROBACTER AEROGES,  
drug effects/ \*AEROBACTER AEROGES,  
enzymology/ BACTERIAL PROTEINS, analysis/  
\*CELL WALL, analysis/ CHLORAMPHENICOL,  
pharmacodynamics/ CHROMATOGRAPHY,  
PAPER/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ GELS/ \*GLYCOSIDE  
HYDROLASES, analysis/ GLYCOSIDE  
HYDROLASES, isolation & purification/  
GLYCOSIDE HYDROLASES, metabolism/  
LIPOPOLYSACCHARIDES, analysis/  
MURAMIDASE, metabolism/ PEPTIDE  
HYDROLASES, metabolism/ PHOSPHOLIPIDS,  
analysis/ PROTOPLASTS/ STREPTOMYCIN,  
pharmacodynamics/ ULTRACENTRIFUGATION/  
ULTRASONICS/ VIBRATION
451. Bendixen G, Soborg M: Comments on the leucocyte  
migration technique as an in vitro method for  
demonstrating cellular hypersensitivity in man.  
J Immun 104:1551-2, Jun 70  
BLOOD SEDIMENTATION/ \*CELL  
MOVEMENT/ CULTURE MEDIA/ HEPARIN,  
pharmacodynamics/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ \*HYPERSENSITIVITY,  
DELAYED, diagnosis/ IN VITRO/  
LEUKOCYTES/ TISSUE CULTURE
452. Benedek E, Soós E: A simple test for detecting  
disorders of thromboplastin generation.  
Scand J Haemat 7:49-55, 1970  
BLOOD COAGULATION DISORDERS,  
diagnosis/ \*BLOOD COAGULATION TESTS/  
HEMATOCRIT/ \*HEMOPHILIA, diagnosis/  
HUMAN/ METHODS/ \*THROMBOPLASTIN,  
metabolism
453. Benedicenti A: Angiokeratoma circumscriptum  
naeviforme di Fabry.  
G Ital Derm 44:659-64, Dec 69 (Ita)  
ADULT/ \*ANGIOKERATOMA/ ENGLISH  
ABSTRACT/ \*HEMANGIOMA, complications/  
HEMANGIOMA, congenital/ HUMAN/ LEG/  
MALE/ THIGH
454. Beneš L, Rotreklová E: Rate of synthesis and stability  
of DNA in bone marrow cells incubated with heparin.  
Folia Biol (Praha) 16:196-204, Jun 70  
ANIMAL EXPERIMENTS/ BONE MARROW  
CELLS, drug effects/ \*BONE MARROW  
CELLS, metabolism/ \*DNA, biosynthesis/  
GUINEA PIGS/ \*HEPARIN, pharmacodynamics/  
IN VITRO/ MALE/ RADIOAUTOGRAPHY/  
THYMIDINE, metabolism/ TIME FACTORS/  
TRITIUM
455. Bengmark S, Almersjö O, Domellöf L, et al:  
Chirurgische Behandlung von traumatischen  
Leberschäden. Chirurg 40:458-61, Oct 69 (Ger)  
ADOLESCENCE/ ADULT/ CHILD/  
CRYOGENIC SURGERY/ ENGLISH  
ABSTRACT/ FEMALE/ GALLBLADDER  
DISEASES, etiology/ HEMATOMA, etiology/  
HEMOSTASIS/ HUMAN/ INFARCTION,  
etiology/ \*LIVER, injuries/ LIVER, surgery/  
\*LIVER DISEASES, surgery/ MALE/  
RUPTURE, surgery/ SHOCK, HEMORRHAGIC,  
therapy/ WOUNDS AND INJURIES,  
complications/ WOUNDS AND INJURIES,  
surgery/ WOUNDS, GUNSHOT, surgery
456. Bengmark S, Rosengren K: Angiographic study of the  
collateral circulation to the liver after ligation of the  
hepatic artery in man. Amer J Surg 119:620-4, Jun 70  
ADULT/ AGED/ AORTOGRAPHY/ CELIAC  
ARTERY, radiography/ \*COLLATERAL  
CIRCULATION/ FEMALE/ HEMATOMA,  
surgery/ HEPATIC ARTERY, surgery/  
HUMAN/ \*LIVER CIRCULATION/ LIVER  
DISEASES, surgery/ LIVER NEOPLASMS,  
surgery/ MALE/ MIDDLE AGE/ NEOPLASM  
METASTASIS/ TIME FACTORS
457. Benis AM, Tavares P, Mortara F, et al: Effect of  
hematocrit on pressure-flow relations for perfused  
isolated lobes of the canine lung.  
Pflueger Arch 314:347-60, 1970  
ANIMAL EXPERIMENTS/ ARTERIES/  
\*BLOOD FLOW VELOCITY/ \*BLOOD  
PRESSURE/ BLOOD VISCOSITY/ DOGS/  
\*HEMATOCRIT/ PERFUSION/ \*PULMONARY  
CIRCULATION/ RHEOLOGY/ \*VENOUS  
PRESSURE
458. Benkő S, Lakl K: Az L-asparaginase hatása a  
fibrinogénre és a fibrinvaladékra (újabb adatok az  
L-asparaginase daganatgátló mechanizmusához)  
Orv Hetil 110:2083-7, 7 Sep 69 (Hun)  
\*ANTINEOPLASTIC AGENTS/  
\*ASPARAGINASE, pharmacodynamics/  
ESCHERICHIA COLI, enzymology/  
\*FIBRINOGEN/ GLUTAMINASE,  
pharmacodynamics/ THROMBIN,  
pharmacodynamics
459. Benner KU, Frede KE, Hennemann B: Über die  
Wirkung von Pluronic F 68, einem  
Polyoxypropylen-Polyoxyäthylen-Kondensat, auf die  
ADP-induzierte Thrombocytenaggregation in vitro.  
Pflueger Arch 315:45-52, 1970 (Ger)  
ADENINE NUCLEOTIDES, antagonists &  
inhibitors/ \*BLOOD PLATELETS,  
drug effects/ DEPRESSION, CHEMICAL/  
ENGLISH ABSTRACT/ HUMAN/ IN VITRO/  
PLATELET ADHESIVENESS, drug effects/  
\*POLYETHYLENES, pharmacodynamics/  
\*SURFACE-ACTIVE AGENTS,  
pharmacodynamics
460. Benner KU, Frede KE, Hennemann B: Der Einfluss  
eines Polyoxypropylenpolyoxyäthylen-Kondensats  
(Pluronic F 68) auf die ADP-induzierte  
Thrombocytenaggregation.  
Pflueger Arch 312:R40-1, 1969 (Ger)



# AUTHOR SECTION

- \*ADENINE NUCLEOTIDES, antagonists & inhibitors/ \*BLOOD PLATELETS, drug effects/ DEPRESSION, CHEMICAL/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ \*POLYETHYLENES, pharmacodynamics/ \*SURFACE-ACTIVE AGENTS, pharmacodynamics
461. Bennet NB: Further studies on an inhibitor of plasminogen activation in human serum. Release of the inhibitor during coagulation and thrombus formation. *Thromb Diath Haemorrh* 23:553-61, 30 Jun 70  
ANTICOAGULANTS, pharmacodynamics/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION/ FIBRINOGEN/ FIBRINOLYSIS/ HUMAN/ \*PLASMINOGEN, antagonists & inhibitors/ THROMBOPLASTIN, biosynthesis
462. Bennett AE, Ingram GI: Steroid therapy for haemophilia. *Lancet* 1:476, 28 Feb 70  
ADULT/ CHILD/ \*HEMOPHILIA, drug therapy/ HUMAN/ PREDNISOLONE, adverse effects/ \*PREDNISOLONE, therapeutic use
463. Bennett E: Immunological studies in haemophilia. *Clin Sci* 38:11P, Feb 70  
ANTIBODIES/ BLOOD PROTEINS/ FACTOR VIII/ FEMALE/ \*HEMOPHILIA, immunology/ HETEROZYGOSE/ HUMAN/ RABBITS
464. Bennett JE, Zook EG, Ashbell TS, et al: The spreading enzymes and localized edema: a study of wringer crush injury in the rabbit. *J Trauma* 10:240-8, Mar 70  
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ \*BROMELAINS, administration & dosage/ \*EDEMA, prevention & control/ \*FORELIMB, injuries/ \*HYALURONIDASE, administration & dosage/ INJECTIONS/ RABBITS/ SODIUM CHLORIDE, administration & dosage/ \*STREPTODORNASE AND STREPTOKINASE, administration & dosage
465. Benoit P, Michelet FX, Benoit JP: Angiomes mandibulaires extensifs de l'artère dentaire traités par hémi-résection d'urgence en phase hémorragique critique. *Rev Stomat (Paris)* 70:546-8, Oct-Nov 69 (Fre)  
ADOLESCENCE/ CHILD/ FEMALE/ \*HEMANGIOMA, surgery/ \*HEMORRHAGE, ORAL, surgery/ HUMAN/ MANDIBLE, blood supply/ MANDIBLE, surgery/ \*MANDIBULAR NEOPLASMS, surgery/ MANDIBULAR PROSTHESIS/ MIDDLE AGE/ OSTEOTOMY
466. Bensinger TA, Logue GL, Rundles RW: Hemorrhagic thrombocytopenia; control of postsplenectomy thrombocytosis with melphalan. *Blood* 36:61-9, Jul 70  
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ FEMALE/ HEMATEMESIS, etiology/ HEMATOCRIT/ HEMOGLOBINOMETRY/ \*HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ HUMAN/ \*LEUKOCYTOSIS, drug therapy/ LEUKOCYTOSIS, etiology/ MALE/ MEGAKARYOCYTES/ MELENA, etiology/ \*MELPHALAN, therapeutic use/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS, drug therapy/ SPLENECTOMY/ THROMBOCYTOSIS, complications/ \*THROMBOCYTOSIS, drug therapy/ THROMBOCYTOSIS, etiology
467. Bentley EW: Developments in methods for the control of rodents. *Roy Soc Health J* 90:129-30, May-Jun 70  
GREAT BRITAIN/ METHODS/ RATS/ \*RODENT CONTROL/ \*RODENTICIDES/ WARFARIN
468. Benvenisti DS, Ultmann JE: Eosinophilic leukemia. Report of five cases and review of literature. *Ann Intern Med* 71:731-45, Oct 69  
ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ANEMIA, etiology/ BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ CENTRAL NERVOUS SYSTEM, pathology/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ \*EOSINOPHILS/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ INFANT/ \*LEUKEMIA/ LEUKEMIA, classification/ LEUKEMIA, complications/ LEUKEMIA, diagnosis/ LEUKEMIA, drug therapy/ LEUKEMIA, MYELOCYTIC, etiology/ LEUKOCYTE COUNT/ LOEFFLER'S SYNDROME, diagnosis/ LUNG, pathology/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ NEUROLOGIC MANIFESTATIONS/ PERIARTERITIS NODOSA, diagnosis/ RESPIRATORY TRACT DISEASES, etiology/ SKIN MANIFESTATIONS/ THROMBOCYTOSIS, etiology/ THROMBOSIS, etiology/ TIME FACTORS
469. Benvenuto G, Palumbo E, Marcacci M: Variazioni del tasso delle plastrine e dei leucociti in conigli trattati con bis-(N-pantotenil-amidoetil disolfuro). *Boll Soc Ital Biol Sper* 44:1994-7, 15 Dec 68 (Ita)  
\*AMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ \*LEUKOCYTES, drug effects/ \*PANTOTHENIC ACID, pharmacodynamics/ RABBITS/ \*SULFATES, pharmacodynamics
470. Beran V, Knobloch R: Replacement of iris prolapse after penetrating wounds of the eyes. *Ophthalmologica (Basel)* Suppl:529-32, 1969  
ADHESIONS, surgery/ ADULT/ ANIMAL EXPERIMENTS/ ANTERIOR CHAMBER/ CATARACT, complications/ CHILD, PRESCHOOL/ CORNEA, injuries/ \*EYE INJURIES, surgery/ HUMAN/ \*IRIS, injuries/ LENS, CRYSTALLINE, injuries/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS/ TIME FACTORS/ VITREOUS BODY, injuries
471. Berbentseva LF: Gemokoagulatsiya pri retikulozakh. *Lab Delo* 8:461-4, 1969 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION/ FEMALE/ HUMAN/ \*LYMPHOMA, blood/ MALE/ MIDDLE AGE/ \*RETICULOENDOTHELIOSIS, blood
472. Bercovici S, Georgescu M, Cherclu S, et al: Manifestări cardiovasculare în cursul cirozei hepatice. *Med Intern (Bucur)* 20:1115-24, Sep 68 (Rum)  
ADULT/ ARRHYTHMIA, etiology/ \*CARDIOVASCULAR DISEASES, etiology/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HEMANGIOMA, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ HYPERTENSION, PORTAL, etiology/ HYPOTENSION, etiology/ \*LIVER CIRRHOSIS, complications/ MALE/ MYOCARDIUM, pathology
473. Berdondini F, Pazzaglia R: L'impiego dell'associazione della tetraciclina cloridrato con enzimi proteolitici pancreatici in pediatria. *Minerva Pediat* 21:2284-7, 1 Dec 69 (Ita)  
CHILD/ CHILD, PRESCHOOL/ \*CHYMOTRYPSIN/ \*CYSTIC FIBROSIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ MALE/ \*RESPIRATORY TRACT INFECTIONS, drug therapy/ \*TETRACYCLINE, therapeutic use/ \*TRYPSIN, therapeutic use/ \*URINARY TRACT INFECTIONS, drug therapy
474. Berezin A: Histochemical study of the hyaline membrane of newborn infants and of that produced guinea pigs. *Biol Neonat* 14:90-6, 1969  
ANIMAL EXPERIMENTS/ \*ARGININE, analysis/ AUTOPSY/ \*FIBRIN, analysis/ \*GLYCOPROTEINS, analysis/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALINE MEMBRANE DISEASE, etiology/ \*HYALINE MEMBRANE DISEASE, metabolism/ INDICATORS AND REAGENTS/ INFANT, NEWBORN/ LIPOPROTEINS, analysis/ \*LUNG, analysis/ OXYGEN, poisoning/ \*TYROSINE, analysis/ VAGOTOMY



## AUTHOR SECTION

475. Berezin IV, D'akov VL: Folookislenie al'fa-khimotripsina v prisutstvii bornoj kisloty. Dokl Akad Nauk SSSR 192:449-50, May 70 (Rus)  
\*BORIC ACIDS/ \*CHYMOTRYPSIN, radiation effects/ \*LIGHT/ OXIDATION-REDUCTION/ RADIATION EFFECTS
476. Berger F, Gomez G: Trombosis in vitro en la cardiopatía isquémica. Rev Med Chile 98:79-85, Feb 70 (Spa)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ \*BLOOD COAGULATION TESTS/ \*CORONARY DISEASE, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ GOUT, blood/ HUMAN/ HYPOTHYROIDISM, blood/ MALE/ MIDDLE AGE/ TIME FACTORS
477. Berger FM, Douglas JF, Ludwig BJ, et al: The effect of N-gamma-phenylpropyl-N-benzoyloxy acetamide (W-1372) on experimental atherosclerosis and hypercholesterolemia.  
J Pharmacol Exp Ther 170:371-81, Dec 69  
ADRENAL GLANDS, drug effects/ AMINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ \*ANTICHOLESTEREMIC AGENTS, therapeutic use/ ANTICHOLESTEREMIC AGENTS, toxicity/ AORTA, analysis/ BODY WEIGHT, drug effects/ CHEMISTRY/ CHOLESTEROL, blood/ DIET/ DIET, ATHEROGENIC/ GUINEA PIGS/ HYPERCHOLESTEREMIA, chemically induced/ \*HYPERCHOLESTEREMIA, drug therapy/ HYPERCHOLESTEREMIA, prevention & control/ \*LIPIDS, blood/ LIVER, drug effects/ LIVER DISEASES/ MICE/ MONKEYS/ ORGAN WEIGHT/ PHOSPHOLIPIDS, blood/ PROPIONATES, therapeutic use/ RABBITS/ RATS/ SPECIES SPECIFICITY/ THYMUS GLAND, drug effects/ TRIGLYCERIDES, blood
478. Berger S: Platelet function: a review. I. Normal function. Canad Med Ass J 102:1271-4, 6 Jun 70  
ADENINE NUCLEOTIDES, physiology/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, cytology/ \*BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ CLOT RETRACTION/ HEMATOPOIESIS/ HEMOSTASIS/ HUMAN/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ REVIEW/ THROMBIN/ THROMBOPLASTIN
479. Berger S: Platelet function: a review. II. Abnormal function.  
Canad Med Ass J 102:1379-83, 20 Jun 70 (142 ref.)  
BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, familial & genetic/ \*BLOOD PLATELET DISORDERS, physiopathology/ \*BLOOD PLATELETS, physiopathology/ CHRISTMAS DISEASE/ FACTOR VIII/ HEMORRHAGIC DIATHESIS, physiopathology/ HEMORRHAGIC THROMBOCYTHEMIA, physiopathology/ HUMAN/ LIVER DISEASES, physiopathology/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW/ THROMBOCYTOSIS, physiopathology/ THROMBOPENIA, physiopathology/ UREMIA, physiopathology
480. Bergesi G, Marchetti E: Stabilità di soluzioni acquose di alfa-chemotripsina+tripsina in presenza di latte scremato. Boll Chimicofarm 109:69-74, Jan 70 (Ita)  
CASEIN/ \*CHYMOTRYPSIN/ \*DRUG STABILITY/ ENGLISH ABSTRACT/ \*MILK/ SOLUTIONS/ \*TRYPSIN/ WATER
481. Bergman F, Juul AH, Van der Linden W: Development and regression of morphological and biochemical changes in hamsters and mice fed a cholesterol cholic acid containing diet.  
Acta Path Microbiol Scand [A] 78:179-91, 1970  
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, analysis/ \*BILE ACIDS AND SALTS, pharmacodynamics/ \*CHOLELITHIASIS, chemically induced/ CHOLESTEROL, blood/ \*CHOLESTEROL, pharmacodynamics/ \*DIET, ATHEROGENIC/ \*ENDOCRINE GLANDS, drug effects/ HAMSTERS/ HISTOLOGY, COMPARATIVE/ LIVER, drug effects/ MICE/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ THYROID GLAND, drug effects
482. Bergmann A: Über die Standardisierung des Thromboplastinbildungstestes für die Bestimmung des antihämophilen Globulins A (VIII) und B (IX) Folia Haemat (Leipzig) 93:376-80, 1970 (Ger)  
\*BLOOD COAGULATION TESTS, standards/ BLOOD PLATELETS/ CEPHALINS, diagnostic use/ \*FACTOR VIII, analysis/ \*FACTOR IX, analysis/ HUMAN/ THROMBOPLASTIN, biosynthesis/ TISSUE EXTRACTS
483. Bergström K, Lundh G: Determination of trypsin in duodenal fluid as a test of pancreatic function. A methodological note. Scand J Gastroent 5:533-6, 1970  
ANILIDES, diagnostic use/ DUODENUM, analysis/ FOOD/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINAL SECRETIONS, analysis/ \*PANCREAS, physiology/ STIMULATION, CHEMICAL/ \*TRYPSIN, analysis/ WATER
484. Berlin SJ: Hemangioma of the foot. Report of four cases and review of the literature.  
J Amer Podiat Ass 60:63-75, Feb 70 (68 ref.)  
ADOLESCENCE/ ADULT/ FEMALE/ \*FOOT DISEASES/ FOOT DISEASES, diagnosis/ FOOT DISEASES, etiology/ FOOT DISEASES, pathology/ FOOT DISEASES, surgery/ FOOT DISEASES, therapy/ \*HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, etiology/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HEMANGIOMA, therapy/ HUMAN/ MALE/ REVIEW
485. Berman L, Andrews M: The modulation of human lymphocytes in response to phytohemagglutinin stimulation. I. Observations on the localization of PHA in leukocyte cultures utilizing fluorescein isothiocyanate-labeled PHA.  
J Reticuloendothel Soc 8:74-90, Jul 70  
BLOOD PLATELETS, drug effects/ FLUORESCENCE, pharmacodynamics/ FLUORESCENCE/ HUMAN/ \*LEUKOCYTES, drug effects/ \*MACROPHAGES, drug effects/ MICROSCOPY, FLUORESCENCE/ \*PLANT AGGLUTININS, pharmacodynamics/ TISSUE CULTURE
486. Berman LD, Chany C: Stimulatory and inhibitory effects of adenovirus and SV40 on various virus-cell systems. Arch Ges Virusforsch 30:203-16, 1970  
ADENOVIRUS, drug effects/ \*ADENOVIRUS, growth & development/ ADENOVIRUS, radiation effects/ ADSORPTION/ CELL LINE/ \*CELL TRANSFORMATION, NEOPLASTIC/ CENTRIFUGATION, DENSITY GRADIENT/ CHICK EMBRYO/ CULTURE MEDIA/ ENCEPHALOMYOCARDITIS VIRUSES, growth & development/ FIBROBLASTS/ HAMSTERS/ HEAT/ IMMUNE SERUMS, pharmacodynamics/ INTERFERON, analysis/ MICE/ RATS/ SUCROSE/ \*SV40 VIRUS, growth & development/ \*TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ ULTRAVIOLET RAYS/ VACCINIA VIRUS, growth & development/ VESICULAR STOMATITIS VIRUS, growth & development/ \*VIRAL INTERFERENCE
487. Bernard J: Espoir de vie des leucémies aiguës. Presse Med 78:251, 31 Jan 70 (Fre)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ LEUKEMIA, chemically induced/ \*LEUKEMIA, mortality/ LEUKEMIA, LYMPHOBLASTIC, mortality/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, mortality/ MALE/ MIDDLE AGE
488. Bernard J, Delobel J, Caen J: Púrpuras trombopénicas idiópáticas. Consideraciones clínicas y etiológicas sobre 341 casos personales.  
Sangre (Barc) 15:149-62, 1970 (Spa)  
AGE FACTORS/ COMPLEMENT FIXATION



# AUTHOR SECTION

- TESTS/ COOMBS' TEST/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ \*PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, mortality/ SEX FACTORS
489. Bernard J, Jacquillat C, Boiron M, et al: Traitement des leucémies aiguës par la L-asparaginase. Resultats préliminaires portant sur 84 cas. Presse Med 78:161-6, 24 Jan 70 (Fre)  
\*ASPARAGINASE, administration & dosage/ ASPARAGINASE, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ DRUG HYPERSENSITIVITY, etiology/ ENGLISH ABSTRACT/ HUMAN/ \*LEUKEMIA, LYMPHOBLASTIC, drug therapy/ \*LEUKEMIA, MONOBLASTIC, drug therapy/ \*LEUKEMIA, MYELOBLASTIC, drug therapy/ LIVER DISEASES, chemically induced/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use
490. Bernard P, Gignoux B: L'inhibiteur de Frey dans le traitement et la prévention des fistules pharyngées post-opératoires (anti-enzyme polypeptidique) Ann Otolaryng (Paris) 87:219-22, Mar 70 (Fre)  
\*FISTULA, drug therapy/ FISTULA, prevention & control/ HUMAN/ LARYNGECTOMY, adverse effects/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ \*PHARYNGEAL DISEASES, drug therapy/ PHARYNGEAL DISEASES, prevention & control/ PHARYNGEAL DISEASES, surgery/ PHARYNGEAL NEOPLASMS, surgery/ PHARYNGECTOMY, adverse effects/ POSTOPERATIVE COMPLICATIONS/ WOUND HEALING
491. Bernau U, Lütthgen W: Streptomycin bei Tauben. Deutsch Tierärztl Wschr 77:431-4, 1 Sep 70 (Ger)  
ANIMAL EXPERIMENTS/ BIRD DISEASES, chemically induced/ BIRD DISEASES, drug therapy/ \*DIHYDROSTREPTOMYCIN, adverse effects/ DIHYDROSTREPTOMYCIN, antagonists & inhibitors/ DIHYDROSTREPTOMYCIN, blood/ ENGLISH ABSTRACT/ HEMATOMA, chemically induced/ HEMATOMA, veterinary/ INFECTION, drug therapy/ INFECTION, veterinary/ PANTOTHENIC ACID, pharmacodynamics/ \*PIGEONS/ TIME FACTORS
492. Berndt W, Müller-Wieland K: The role of lysosomal proteases in the pathogenesis of pancreatitis. Pol Arch Med Wewnet 4:535-7, Apr-May 70  
HUMAN/ \*LYSOSOMES, enzymology/ PANCREAS, enzymology/ \*PANCREATITIS, etiology/ \*PEPTIDE HYDROLASES, metabolism/ TRYPSIN, pharmacodynamics
493. Berndt W, Staudt U, Kolhoff H: Das Verhalten von Aspergillus-Proteasen unter den Bedingungen des Verdauungstraktes. Arzneimittelforschung 20:571-5, Apr 70 (Ger)  
AMINO ACIDS/ \*ASPERGILLUS, enzymology/ \*DRUG STABILITY/ ENGLISH ABSTRACT/ ESTERS/ GASTROINTESTINAL DISEASES, drug therapy/ GEL FILTRATION/ \*HYDROGEN-ION CONCENTRATION/ INTESTINAL MUCOSA, enzymology/ MOLECULAR WEIGHT/ MURAMIDASE, pharmacodynamics/ PANCREAS, enzymology/ \*PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use
494. Berney SN, Gesner BM: The circulatory behaviour of normal and enzyme altered thymocytes in rats. Immunology 18:681-91, May 70  
ANIMAL EXPERIMENTS/ BLOOD/ CARBOHYDRATES, analysis/ CELL MOVEMENT/ CHROMIUM ISOTOPES/ INJECTIONS, INTRAVENOUS/ LIVER, cytology/ LYMPH NODES, cytology/ LYMPHOCYTES, analysis/ \*LYMPHOCYTES, drug effects/ LYMPHOID TISSUE, cytology/ MALE/ \*NEURAMINIDASE, pharmacodynamics/ RATS/ SPLEEN, cytology/ \*THYMUS GLAND, cytology/ TRYPSIN, pharmacodynamics
495. Bernhard WF, Husain M, Robinson T, et al: An appraisal of blood trauma and the blood-material interface following prolonged assisted circulation. J Thorac Cardiovasc Surg 58:801-10, Dec 69  
ANIMAL EXPERIMENTS/ \*ASSISTED CIRCULATION, adverse effects/ BLOOD VOLUME/ CATTLE/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ \*ERYTHROCYTES, cytology/ FIBRIN/ \*FIBROBLASTS/ HEMOLYSIS/ POLYMERS/ SERUM ALBUMIN, RADIO-IODINATED/ SURFACE PROPERTIES
496. Bernik MB, Kwaan HC: Plasminogen activator activity in cultures from human tissues. An immunological and histochemical study. J Clin Invest 48:1740-53, Sep 69  
ANIMAL EXPERIMENTS/ BLADDER, analysis/ FETUS, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ KIDNEY, analysis/ LUNG, analysis/ METHODS/ MYOCARDIUM, analysis/ NEUTRALIZATION TESTS/ \*PLASMINOGEN, analysis/ RENAL ARTERY, analysis/ RENAL VEINS, analysis/ TISSUE CULTURE/ URETER, analysis
497. Bernstein R: Zur Behandlung des verschleppten akuten Abdomens. Zbl Chir 94:433-7, 29 Mar 69 (Ger)  
ABDOMEN, ACUTE, surgery/ \*ABDOMEN, ACUTE, therapy/ ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ ARGININE, therapeutic use/ BLOOD TRANSFUSION/ GLUCOCORTICIDS, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ POSTOPERATIVE CARE/ PREOPERATIVE CARE
498. Berquet JC, Pire JC, Lardinois B: A propos d'un cas d'anurie levée par l'héparine au cours d'une pancréatite aigue. Coagulation intra-vasculaire? Anesth Analg (Paris) 26:609-18, Jul-Aug 69 (Fre)  
ADULT/ \*ANURIA, complications/ ANURIA, drug therapy/ ANURIA, etiology/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS/ CASE REPORT/ ELECTROLYTES, blood/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ \*HEPARIN, administration & dosage/ HUMAN/ MALE/ MANNITOL, therapeutic use/ \*PANCREATITIS, complications/ PROTHROMBIN TIME
499. Berry CL: Changes in the wall of the pulmonary artery after banding. J Path 99:29-32, Sep 69  
ADHESIONS/ CHILD/ COLLAGEN/ FIBROBLASTS/ HEART DEFECTS, CONGENITAL, surgery/ HUMAN/ INFANT/ \*POSTOPERATIVE COMPLICATIONS/ \*PULMONARY ARTERY, pathology/ \*PULMONARY ARTERY, surgery
500. Bertaglia A, Cadrobbi P: Sull'azione terapeutica e profilattica della frazione emocoagulante del veleno di Bothrops Jararaca su alcune virosi esantematiche vescicolose. G Mal Infett 22:102, Jan 70 (Ita)  
\*BLOOD COAGULATION, drug effects/ HUMAN/ \*SKIN DISEASES, drug therapy/ SNAKES/ \*VENOMS, therapeutic use/ \*VIRUS DISEASES, drug therapy
501. Bertagnolio G, Got R, Colobert L: Effect of proteins on the reversibility of the thermal inactivation of Bacillus subtilis alpha-amylase. Experientia 26:140-1, 1970  
\*AMYLASE/ \*BACILLUS SUBTILIS, enzymology/ CHEMISTRY/ GLASS/ GLYCOPROTEINS/ GUANIDINES/ \*HEAT/ HYDROCHLORIC ACID/ MURAMIDASE/ PROTAMINES/ \*PROTEIN DENATURATION/ \*PROTEINS/ SERUM ALBUMIN
502. Bertazzoli C, Chieli T, Grandi M, et al: Adriamycin: toxicity data. Experientia 26:389-90, 15 Apr 70  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS, ANTINEOPLASTIC, toxicity/ APPETITE DISORDERS, chemically induced/ BLOOD PLATELETS/ BLOOD PROTEINS/ BLOOD SUGAR/ BLOOD UREA NITROGEN/ BODY WEIGHT, drug effects/ DIARRHEA,



## AUTHOR SECTION

chemically induced/ ERYTHROCYTE COUNT/  
FEMALE/ HEMOGLOBIN, analysis/  
LEUKOCYTE COUNT/ MALE/ MICE/  
MORTALITY

503. Bertelsen S, Egeblad K: Experimental thrombolysis by perfusion. I. Reaction of the intestinal wall to plasmin infused intra-arterially.  
Acta Chir Scand 135:482-5, 1969  
ANIMAL EXPERIMENTS/ DISEASE MODELS,  
ANIMAL/ DOGS/ FIBRINOLYSIN,  
administration & dosage/ \*FIBRINOLYSIN,  
adverse effects/ INJECTIONS,  
INTRA-ARTERIAL/ \*INTESTINE, SMALL,  
drug effects/ INTESTINE, SMALL, pathology/  
MESENTERIC ARTERIES/ PERFUSION/  
SURGERY, OPERATIVE/ \*THROMBOSIS,  
prevention & control

504. Bertelsen S, Pedersen EK: Kirurgisk behandling af phlegmasia coerulea dolens.  
Ugeskr Laeg 132:1625-7, 27 Aug 70 (Dan)  
ADULT/ ANTICOAGULANTS, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ POSTOPERATIVE  
CARE/ \*THROMBOPHLEBITIS, surgery

505. Bertelsen TI, Ehlers N: Morphological and histochemical studies on fibrilloglycocalyx epitheliocapsularis.  
Acta Ophthal (Kobenhavn) 47:476-88, 1969  
AGED/ AMYLASE/ ARGININE, analysis/  
CATARACT, complications/ COMPARATIVE  
STUDY/ CYSTEINE, analysis/ CYSTINE,  
analysis/ EPITHELIAL/ \*EYE DISEASES,  
pathology/ HISTOCYTOCHEMISTRY/ HUMAN/  
HYALURONIDASE/ IN VITRO/ LENS,  
CRYSTALLINE, analysis/ \*LENS,  
CRYSTALLINE, pathology/ MICROSCOPY,  
ELECTRON/ MIDDLE AGE/ PEPTIDE  
PEPTIDOHYDROLASES/ RIBONUCLEASE/  
TIME FACTORS/ TRYPTOPHAN, analysis/  
TYROSINE, analysis

506. Berthou F, Jouvenceaux A, Barbier Y, et al: Viabilité du sang conservé, transfusé après un délai variable de conservation et prélevé initialement sur solution A.C.D. Etude isotopique.  
Rev Lyon Med 18:251-6, 15 Apr 69 (Fre)  
\*BLOOD PRESERVATION/ \*CHROMIUM  
ISOTOPES/ HUMAN/ TIME FACTORS

507. Berties JF, Rabinowitz R, Döbler J: Hemoglobin interaction: modification of solid phase composition in the sickling phenomenon.  
Science 169:375-7, 24 Jul 70  
\*ANEMIA, SICKLE CELL, blood/ \*BLOOD  
VISCOSITY/ CELL-FREE SYSTEM/  
CHEMISTRY, PHYSICAL/ ERYTHROCYTES,  
cytology/ \*FETAL HEMOGLOBIN/ FETAL  
HEMOGLOBIN, analysis/ \*HEMOGLOBIN/  
HEMOGLOBIN, analysis/ \*HEMOGLOBIN C/  
HEMOGLOBIN C, analysis/ HEMOGLOBIN C  
DISEASE, blood/ \*HEMOGLOBINS,  
ABNORMAL/ HEMOGLOBINS, ABNORMAL,  
analysis/ HUMAN/ MICROSCOPY, ELECTRON/  
OXYGEN/ PEPTIDES, analysis

508. Bertone C, Salvati A, Scoletta G: Sull'attività fibrinolitica endogena spontanea dei carcinomi della portio. Arch Sci Med (Torino) 125:897-901, Dec 68 (Ita)  
ADULT/ \*CARCINOMA, blood/ \*CERVIX  
NEOPLASMS, blood/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ MIDDLE AGE

509. Bervar M: Savremene mogućnosti profilakse i lečenja kliničkog sindroma masne embolije.  
Vojnosanit Pregl 27:115-7, Mar 70 (Cro)  
ADRENAL CORTEX HORMONES, therapeutic  
use/ ALCOHOL, ETHYL, therapeutic use/  
BLOOD VOLUME/ DEHYDROCHOLIC ACID,  
therapeutic use/ DEXTRAN, therapeutic use/  
\*EMBOLISM, FAT, prevention & control/  
EMBOLISM, FAT, therapy/ FATTY ACIDS,  
ESSENTIAL, therapeutic use/ GLUCOSE,  
therapeutic use/ HEPARIN, therapeutic use/  
HUMAN/ IMMOBILIZATION/  
PHOSPHOLIPIDS, therapeutic use/  
RESPIRATORY INSUFFICIENCY, prevention  
& control/ REVIEW/ TRACHEOTOMY

510. Béthenod M, Nivelon JL, Cotte MF, et al: Les thrombocytopénies néo-natales.  
Pediatr 24:937-50, Dec 69 (Fre)

BLOOD COAGULATION DISORDERS,  
complications/ FEMALE/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES/  
\*INFANT, PREMATURE, DISEASES/ MALE/  
\*THROMBOPENIA, etiology/ THROMBOPENIA,  
familial & genetic/ VIRUS DISEASES,  
complications

511. Bettex-Galland M, Lüscher EF, Weibel ER: Thrombosthenin-electron microscopical studies on its localization in human blood platelets and some properties of its subunits.  
Thromb Diath Haemorrh 22:431-49, 31 Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, analysis/ BLOOD PROTEINS,  
isolation & purification/ ELECTROPHORESIS/  
GELS/ GLYCERIN/ HUMAN/ MICROSCOPY,  
ELECTRON/ \*MUSCLE PROTEINS/ MUSCLE  
PROTEINS, isolation & purification/  
MUSCLES/ PRECIPITATION/ RABBITS

512. Bettigole RE, Himmelstein ES, Oettgen HF, et al: Hypofibrinogenemia due to L-asparaginase: studies of fibrinogen survival using autologous 131-I-fibrinogen.  
Blood 35:195-200, Feb 70

ADENOCARCINOMA, drug therapy/ ADULT/  
\*AFIBRINOGENEMIA, chemically induced/  
\*ASPARAGINASE, adverse effects/ BREAST  
NEOPLASMS, drug therapy/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOGEN,  
metabolism/ HUMAN/ IODINE ISOTOPES,  
DIAGNOSTIC/ LEUKEMIA, MYELOCYTIC,  
drug therapy/ MALE/ MELANOMA, drug  
therapy/ MIDDLE AGE/ NEUROBLASTOMA,  
drug therapy/ SARCOMA, RETICULUM CELL,  
drug therapy

513. Bettman JW Jr: Pathology of complications of intraocular surgery.

Amer J Ophthal 68:1037-50, Dec 69  
ADHESIONS/ ANTERIOR CHAMBER, surgery/  
CATARACT EXTRACTION, adverse effects/  
CORNEA, injuries/ CORNEA, pathology/ EYE  
DISEASES, etiology/ \*EYE DISEASES,  
surgery/ EYE INJURIES, etiology/  
GLAUCOMA, surgery/ HEMORRHAGE,  
etiology/ HUMAN/ IRIS, pathology/ IRIS,  
surgery/ OPTIC ATROPHY, etiology/  
\*POSTOPERATIVE COMPLICATIONS,  
pathology/ RETINAL DETACHMENT, etiology/  
RETINAL DETACHMENT, surgery/ SCLERA,  
pathology/ VITREOUS BODY, injuries/  
VITREOUS BODY, pathology

514. Beurey J, Weber M, Grignon G, et al: Lupus érythémateux aigu survenu 5 ans après splénectomie pour purpura thrombopénique idiopathique. Atteinte rénale au microscope électronique.  
Bull Soc Franc Derm Syph 77:110-2, Jul 70 (Fre)

ADOLESCENCE/ CHILD/ FEMALE/  
GLOMERULONEPHRITIS, diagnosis/  
GLOMERULONEPHRITIS, etiology/  
GLOMERULONEPHRITIS, pathology/ HUMAN/  
KIDNEY, pathology/ \*LUPUS  
ERYTHEMATOSUS, SYSTEMIC, etiology/  
MICROSCOPY, ELECTRON/ POSTOPERATIVE  
COMPLICATIONS/ \*PURPURA,  
THROMBOPENIC, therapy/ \*SPLENECTOMY,  
adverse effects

515. Bewley TA, Brovetto-Cruz J, Li CH: Human pituitary growth hormone. Physicochemical investigations of the native and reduced-alkylated protein.  
Biochemistry (Wash) 8:4701-8, Dec 69

ALCOHOLS/ ALKYLATION/ AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/  
BIOLOGICAL ASSAY/ BONE AND BONES,  
drug effects/ CHEMISTRY/ CROP, AVIAN,  
drug effects/ DRUG STABILITY/ GROWTH,  
drug effects/ HUMAN/ IODOACETATES/  
KINETICS/ MOLECULAR WEIGHT/ OSMOTIC  
PRESSURE/ OXIDATION-REDUCTION/  
PIGEONS/ PROLACTIN, pharmacodynamics/  
RATS/ \*SOMATOTROPIN/ SOMATOTROPIN,  
analysis/ SOMATOTROPIN, pharmacodynamics/  
SPECTROPHOTOMETRY/ SPECTRUM  
ANALYSIS/ STIMULATION, CHEMICAL/



# AUTHOR SECTION

- SULFIDES/ SULFUR/ TIBIA/ TRYPSIN/  
ULTRAVIOLET RAYS/ VISCOSITY
516. Beyer P: Syndrome hémolytique et urémique de l'enfant. Presse Med 77:1745-6, 15 Nov 69 (Fre)  
\*ANEMIA, HEMOLYTIC/ ANEMIA, HEMOLYTIC, etiology/ ANEMIA, HEMOLYTIC, therapy/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*KIDNEY FAILURE, ACUTE/ PROGNOSIS/ \*THROMBOPENIA/ THROMBOPENIA, therapy/ UREMIA, complications/ UREMIA, therapy
517. Beys-L'hoest B: La recherche des staphylocoques dans les aliments, le produits diététiques et les médicaments à usage oral. J Pharm Belg 25:26-56, Jan-Feb 70 (184 ref.) (Fre)  
ADMINISTRATION, ORAL/ BACTERIOLOGICAL TECHNIQS/ CULTURE MEDIA/ \*DRUGS/ ENTEROTOXINS, analysis/ FLUORESCENT ANTIBODY TECHNIC/ \*FOOD MICROBIOLOGY/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ LYSOGENY/ MEAT/ MILK, microbiology/ PEPTIDE HYDROLASES/ REVIEW/ STAPHYLOCOCCAL FOOD POISONING/ STAPHYLOCOCCAL INFECTIONS, etiology/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, immunology/ \*STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, pathogenicity/ TEMPERATURE/ TOXINS/ WATER MICROBIOLOGY
518. Beys-l'Hoest B: La recherche des staphylocoques dans les aliments, les produits diététiques et les médicaments à usage oral. J Pharm Belg 25:26-56, Jan-Feb 70 (184 ref.) (Fre)  
ADMINISTRATION, ORAL/ BACTERIOLOGICAL TECHNIQS/ CULTURE MEDIA/ \*DRUGS/ ENTEROTOXINS, analysis/ FLUORESCENT ANTIBODY TECHNIC/ \*FOOD MICROBIOLOGY/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ LYSOGENY/ MEAT/ MILK, microbiology/ PEPTIDE HYDROLASES/ REVIEW/ STAPHYLOCOCCAL FOOD POISONING/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, immunology/ \*STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, pathogenicity/ TEMPERATURE/ TOXINS/ WATER MICROBIOLOGY
519. Bezborod'ko BN, Malamud MS: Izmeneniia komponentov svertyvaniia konservirovannoi krovi v raznye sroki khraneniia. Probl Gemat 15:15-8, Mar 70 (Rus)  
ADULT/ \*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS/ \*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ TIME FACTORS
520. Beznosikova VK, Chaplygina ZA, Beznosikov BO: Elektronnomikroskopicheskie issledovaniia trombositov krollov do i posle vvedeniia epsilon-aminokapronovoi kisloty. Probl Gemat 13:32-7, Jan 68 (Rus)  
\*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug effects/ MICROSCOPY, ELECTRON/ RABBITS
521. Bhaskar KR, Parker FS: An infrared study of the hydrogen-deuterium exchange of alpha-chymotrypsin and its diisopropylphosphoryl derivative. J Biol Chem 245:3302-4, 10 Jul 70  
CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ DEUTERIUM/ HYDROGEN/ HYDROGEN-ION CONCENTRATION/ INFRARED RAYS/ KINETICS/ PROPIONATES/ SPECTRUM ANALYSIS
522. Bhaskaran CS, Jayakar PA: Biochemical activity of coagulase positive Staphylococci isolated from cases and carriers. Path Microbiol (Basel) 33:39-43, 1969  
\*CARRIER STATE, microbiology/ COAGULASE, analysis/ FIBRINOLYSIS/ HEMOLYSINS, metabolism/ HUMAN/ \*STAPHYLOCOCCAL INFECTIONS, microbiology/ \*STAPHYLOCOCCUS/ STAPHYLOCOCCUS, metabolism
523. Bhaskaran CS, Jayakar PA: Antibiotic resistant staphylococci from cases and carriers. Path Microbiol (Basel) 34:98-104, 1969  
\*ANTIBIOTICS, pharmacodynamics/ CARRIER STATE, microbiology/ CHLORAMPHENICOL, pharmacodynamics/ COAGULASE, metabolism/ \*DRUG RESISTANCE, MICROBIAL/ ERYTHROMYCIN, pharmacodynamics/ HUMAN/ PENICILLIN, pharmacodynamics/ PENICILLIN RESISTANCE/ \*STAPHYLOCOCCAL INFECTIONS, microbiology/ \*STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STATISTICS/ STREPTOMYCIN, pharmacodynamics/ TETRACYCLINE, pharmacodynamics
524. Bhattacharya S: Minor injuries and their management. J Indian Med Ass 53:189-91, 16 Aug 69  
\*BURNS, therapy/ \*FOREIGN BODIES, therapy/ \*HEMATOMA, therapy/ HUMAN/ \*SPRAINS AND STRAINS, therapy/ WOUNDS AND INJURIES, diagnosis/ \*WOUNDS AND INJURIES, therapy
525. Bhoola KD: The subcellular distribution of pancreatic kallikrein. Biochem Pharmacol 18:2279-82, Sep 69  
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ CATS/ DOGS/ \*KALLIKREIN, analysis/ PANCREAS, cytology/ \*PANCREAS, enzymology/ POTASSIUM, analysis/ TRYPSIN, analysis
526. Bhoola KD: Trypsin inhibitors. Lancet 1:778, 11 Apr 70  
PANCREAS, secretion/ \*TRYPSIN INHIBITORS, secretion
527. Bianca W: Effects of dehydration, rehydration and overhydration on the blood and urine of oxen. Brit Vet J 126:121-33, Mar 70  
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ \*CATTLE, physiology/ \*DEHYDRATION, blood/ \*DEHYDRATION, urine/ DEHYDRATION, veterinary/ DRINKING/ ERYTHROCYTES/ HEMATOCRIT/ HEMOGLOBINURIA, etiology/ HEMOLYSIS/ OSMOTIC FRAGILITY/ SPECIFIC GRAVITY/ WATER DEPRIVATION/ \*WATER-ELECTROLYTE BALANCE
528. Bianchi W, Rezende JE, Mathias Filho AP: Nova orientação no tratamento a longo prazo dos processos reumáticos. Nota prévia. Hospital (Rio) 77:605-11, Feb 70 (Por)  
ADULT/ AGED/ ASPIRIN, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ \*DELAYED-ACTION PREPARATIONS/ HUMAN/ MIDDLE AGE/ \*RHEUMATISM, drug therapy/ SALICYLAMIDES, therapeutic use/ TRYPSIN, therapeutic use
529. Bicher HI: Anti-thrombotic effect of an heparin-like substance (SP 54) preventing red cell and platelet aggregation. Arzneimittelforschung 20:379-81, Mar 70  
ADHESIVENESS/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ BLOOD CIRCULATION, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ CATS/ CELL AGGREGATION, drug effects/ DEPRESSION, CHEMICAL/ DEXTRAN, pharmacodynamics/ \*ERYTHROCYTE AGGREGATION, INTRAVASCULAR, prevention & control/ ERYTHROCYTES, drug effects/ HEPARINOID, pharmacodynamics/ HEPARINOID, therapeutic use/ RABBITS/ STIMULATION, CHEMICAL/ SURFACE PROPERTIES/ \*THROMBOPHLEBITIS, prevention & control
530. Bicher HI, Beemer A: Prevention by an anti adhesive drug of thrombosis caused by blood cell aggregation. Angiology 21:431-41, Jul 70  
ADENINE NUCLEOTIDES/ ANIMAL



## AUTHOR SECTION

- EXPERIMENTS/ BLOOD PLATELETS, cytology/ CATS/ CELL ADHESION/ ERYTHROCYTES, cytology/ FEMORAL VEIN, pathology/ \*KETONES, therapeutic use/ \*LACTONES, therapeutic use/ LUNG, pathology/ LUNG DISEASES, pathology/ LUNG DISEASES, prevention & control/ MALE/ MICROCIRCULATION/ RATS/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, etiology/ \*THROMBOSIS, prevention & control
531. Bichowsky-Slomnicki L: An inhibitor polyphenylalanine synthesis in t-RNA preparations of *Saccharomyces cerevisiae*. *Biochem Biophys Res Commun* 37:750-6, 20 Nov 69  
CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ *ESCHERICHIA COLI*, metabolism/ NUCLEOPROTEINS, physiology/ PEPTIDE HYDROLASES/ \*PEPTIDES, biosynthesis/ PHOSPHORUS ISOTOPES/ POLYNUCLEOTIDES, physiology/ RIBONUCLEASE/ \*RNA, SOLUBLE/ SACCHAROMYCES, growth & development/ \*SACCHAROMYCES, metabolism/ SPECTROPHOTOMETRY
532. Bieber J, Nüske R: Nährbodenabhängigkeit der Bildung von Nucleasen bei *Proteus*-Stämmen. *Z Allg Mikrobiol* 9:327-9, 1969 (Ger)  
CULTURE MEDIA/ \*DEOXYRIBONUCLEASE, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ PHOSPHATASES, biosynthesis/ *PROTEUS*, classification/ \*PROTEUS, enzymology/ \*RIBONUCLEASE, biosynthesis
533. Bieberdorf FA, Chernick SS, Scow RO: Effect of insulin and acute diabetes on plasma FFA and ketone bodies in the fasting rat. *J Clin Invest* 49:1685-93, Sep 70  
\*ACETOACETATES, pharmacodynamics/ \*ADIPOSE TISSUE, drug effects/ \*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ \*BLOOD SUGAR, metabolism/ \*BLOOD TRANSFUSION/ \*CARBON ISOTOPES/ \*CHYLOMICRONS, pharmacodynamics/ \*DIABETES MELLITUS, blood/ \*DIABETES MELLITUS, chemically induced/ \*FASTING/ \*FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ \*HEPARIN, pharmacodynamics/ \*HYDROXYBUTYRATES, pharmacodynamics/ \*IMMUNE SERUMS, pharmacodynamics/ \*INSULIN, pharmacodynamics/ \*KETONE BODIES, blood/ \*LIVER, metabolism/ \*RATS/ \*TRITIUM
534. Bielawiec M, Lukjan H, Poniecki A, et al: Wpływ transkardialnej galwanizacji na układ fibrynolityczny krwi. *Pol Tyg Lek* 25:249-51, 16 Feb 70 (Pol)  
ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ \*CORONARY DISEASE, therapy/ \*ELECTROTHERAPY/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE
535. Bielawiec M, Myśliwiec M, Perzanowski A: Zachowanie się adhezji płytek krwi u chorych na cukrzycę. *Pol Arch Med Wewn* 44:19-23, 1970 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD PLATELET DISORDERS, complications/ \*DIABETES MELLITUS, complications/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, etiology
536. Bielawiec M, Perzanowski A, Myśliwiec M: Badania nad aktywnością fibrynolityczną krwi u chorych na cukrzycę. *Pol Tyg Lek* 25:85-7, 19 Jan 70 (Pol)  
ADULT/ AGED/ \*DIABETES MELLITUS, blood/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS
537. Bielski J, Stengert K, Pogonowska J: Zaburzenia krzepliwości krwi w doświadczalnym wstrząsie endotoksycznym. *Pol Tyg Lek* 24:1384-6, 9 Sep 69 (Pol)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI*/ \*FIBRINOGEN, analysis/ HEMORRHAGIC DIATHESIS, etiology/ RATS/ \*SHOCK, ENDOTOXIC, complications/ THROMBELASTOGRAPHY
538. Bierwag K: Intrahepatisches Hämatom. *Zbl Chir* 94:643-6, 10 May 69 (Ger)  
ADULT/ \*HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ \*LIVER, injuries/ \*LIVER DISEASES, diagnosis/ LIVER DISEASES, etiology/ LIVER DISEASES, surgery/ MALE
539. Biggs R: Haemophilia. *Proc Roy Soc Med* 62:913-4, Sep 69  
ADOLESCENCE/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, therapy/ FACTOR VIII, therapeutic use/ FACTOR IX, therapeutic use/ FEMALE/ HANDICAPPED/ \*HEMOPHILIA, therapy/ HUMAN/ MALE
540. Biggs R: Inhibitors in haemophilia. *Bibl Haemat* 34:125-34, 1970  
ANTIBODIES/ \*ANTICOAGULANTS, blood/ ELECTROPHORESIS/ \*FACTOR VIII, antagonists & inhibitors/ GAMMA GLOBULIN, analysis/ \*HEMOPHILIA/ HEMOPHILIA, immunology/ HUMAN/ MALE/ PEPSIN, pharmacodynamics
541. Biggs R: The use of blood fractions in coagulation disorders. *Brit J Haemat* 17:604, Dec 69  
\*BLOOD COAGULATION DISORDERS, drug therapy/ \*BLOOD COAGULATION FACTORS, therapeutic use/ CHRISTMAS DISEASE, drug therapy/ HEMOPHILIA, drug therapy/ HUMAN/ PLASMA
542. Bilich GL, Buzina AZ: O profilaktike obrazovanila spaek v briushnoi polosti. *Eksp Khir Anest* 14:18-20, Jul-Aug 69 (Rus)  
ABDOMEN/ \*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ PYRIMIDINES, therapeutic use/ RATS
543. Billiau A, Buckler CE, Dianzani F, et al: Induction of the interferon mechanism by single-stranded RNA: potentiation by polybasic substances. *Proc Soc Exp Biol Med* 132:790-6, Nov 69  
\*ALBUMINS, pharmacodynamics/ CHICK EMBRYO/ \*CYTOSINE NUCLEOTIDES, pharmacodynamics/ DEXTRAN, pharmacodynamics/ \*INTERFERON, biosynthesis/ KIDNEY/ METHODS/ METHYLATION/ MICE/ \*NEOMYCIN, pharmacodynamics/ NUCLEOSIDES, pharmacodynamics/ \*POLYNUCLEOTIDES, pharmacodynamics/ \*PROTAMINES, pharmacodynamics/ RABBITS/ RIBONUCLEASE, metabolism/ \*RNA, metabolism/ SEMLIKI FOREST VIRUS, drug effects/ \*STREPTOMYCIN, pharmacodynamics/ TISSUE CULTURE/ VESICULAR STOMATITIS VIRUS, drug effects/ VIRAL INTERFERENCE
544. Billiau A, Schome E: Induction of the interferon mechanism by natural RNA. *Life Sci* 9:69-78, 22 Jan 70  
ANIMAL EXPERIMENTS/ DACTINOMYCIN, pharmacodynamics/ ENCEPHALITIS VIRUSES/ IN VITRO/ \*INTERFERON, biosynthesis/ KIDNEY/ LIVER/ NEOMYCIN, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RABBITS/ \*RNA/ SACCHAROMYCES/ TISSUE CULTURE/ VIRAL INTERFERENCE, drug effects
545. Bimpson T, Higgins JA: The effect of pH, sodium chloride and protamine sulphate on the formation of a complex between rat adipose-tissue lipoprotein lipase and chylomicrons. *Biochim Biophys Acta* 187:447-9, 28 Oct 69  
\*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CHEMISTRY/ \*CHYLOMICRONS/ FATTY ACIDS/ HYDROGEN-ION CONCENTRATION/ \*LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, antagonists & inhibitors/



# AUTHOR SECTION

- PROTAMINES/ RATS/ SODIUM CHLORIDE/  
SULFATES/ TRIGLYCERIDES
546. Bingham WG Jr, Paul SE, Suryanarayana KS: Effects of cold injury on six enzymes in rat brain. Arch Neurol (Chicago) 21:649-60, Dec 69  
\*ACID PHOSPHATASE, metabolism/  
\*ALKALINE PHOSPHATASE, metabolism/  
\*AMIDOHYDROLASES, metabolism/ ANIMAL EXPERIMENTS/ \*BRAIN EDEMA, enzymology/ BRAIN EDEMA, etiology/ BRAIN EDEMA, pathology/ \*BRAIN INJURY, ACUTE, enzymology/ \*CATHEPSIN, metabolism/ COLD/ \*GLUCURONIDASE, metabolism/ HISTOCYTOCHEMISTRY/ LYSOSOMES, enzymology/ MITOCHONDRIA, enzymology/ NERVE ENDINGS, enzymology/ \*PEPTIDE HYDROLASES, metabolism/ \*PHOSPHATASES, metabolism/ RATS
547. Birke WP: Die chirurgische Therapie der Hämangiome im Kindesalter. Deutsch Gesundh 24:1562-6, 14 Aug 69 (Ger)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FACIAL NEOPLASMS, radiotherapy/ FACIAL NEOPLASMS, surgery/ FEMALE/ HEMANGIOMA, radiotherapy/ \*HEMANGIOMA, surgery/ HUMAN/ INFANT/ LIP NEOPLASMS, surgery/ MALE/ MOUTH NEOPLASMS, radiotherapy/ \*MOUTH NEOPLASMS, surgery
548. Birn H: Fibrinolytic activity in "dry socket". Acta Odont Scand 28:37-58, Mar 70  
ADULT/ \*DRY SOCKET, metabolism/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ WOUND HEALING
549. Birndorf NI, Lopas H: Evaluation of stroma free hemoglobin solution: effects on renal function in cynomolgus monkeys. Rep No 838. US Army Med Res Lab 1-13, 20 Nov 69  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ \*BLOOD TRANSFUSION/ HEMATOCRIT/ \*HEMOGLOBIN/ HEMOGLOBIN, metabolism/ \*KIDNEY, physiology/ KIDNEY FUNCTION TESTS/ MONKEYS
550. Biscatti G, Amirante E, Gasparoni MC: Trasformazione blastica dei linfociti in cultura in presenza un antigene streptococcico (streptochinasi) nelle varie età della vita. Boll Soc Ital Biol Sper 45:49-50, 15 Jan 69 (Ita)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ \*ANTIGENS/ CHILD/ CHILD, PRESCHOOL/ CULTURE MEDIA/ HUMAN/ INFANT/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ MIDDLE AGE/ \*STREPTOCOCCUS/ \*STREPTOKINASE, pharmacodynamics
551. Biscatti G, Rizzoni G, Morganti G: Reazione cutanea e trasformazione linfocitaria alla streptochinasi ed alla fittoemoagglutina durante il morbilli. Boll Soc Ital Biol Sper 45:46-8, 15 Jan 69 (Ita)  
ANTIGEN-ANTIBODY REACTIONS/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ \*MEASLES, immunology/ \*PLANT AGGLUTININS, pharmacodynamics/ SKIN TESTS/ \*STREPTOKINASE, pharmacodynamics/ TUBERCULIN TEST
552. Bischof W: Zur Prognose des arteriovenösen Angioms in funktionell hochwertigen Hirngebieten bei Totalexstirpation. Neurochirurgia (Stuttgart) 12:181-6, Sep 69 (Ger)  
BRAIN NEOPLASMS, diagnosis/ \*BRAIN NEOPLASMS, surgery/ CEREBRAL ANGIOGRAPHY/ FOLLOW-UP STUDIES/ HEMANGIOMA, diagnosis/ \*HEMANGIOMA, surgery/ HUMAN/ PARIETAL LOBE/ POSTOPERATIVE CARE/ PROGNOSIS
553. Bishop R, Ekert H, Gilchrist G, et al: The preparation and evaluation of a standardized fibrin plate for the assessment of fibrinolytic activity. Thromb Diath Haemorrh 23:202-10, 1970  
ADULT/ ANEMIA, HEMOLYTIC, blood/ \*BLOOD COAGULATION TESTS/ CHILD/ CONTRACEPTIVES, ORAL, adverse effects/ CYANOSIS, blood/ FEMALE/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HEART DEFECTS, CONGENITAL, blood/ HUMAN/ INFANT/ LEUKEMIA, blood/ METHODS/ NEPHROTIC SYNDROME, blood/ PLASMINOGEN, analysis/ THROMBOSIS, blood/ UREMIA, blood
554. Bisno AL: Pneumococcal bacteremia and disseminated intravascular coagulation. Arch Intern Med (Chicago) 126:526, Sep 70  
\*BLOOD COAGULATION DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ \*PNEUMOCOCCAL INFECTIONS, complications/ SPLENIC DISEASES, complications
555. Bisno AL, Freeman JC: The syndrome of asplenia, pneumococcal sepsis, and disseminated intravascular coagulation. Ann Intern Med 72:389-93, Mar 70  
AUTOPSY/ \*BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ \*PNEUMOCOCCAL INFECTIONS, complications/ \*SEPTICEMIA, complications/ \*SPLEEN, abnormalities/ SPLEEN, pathology/ \*WATERHOUSE-FRIDERICHSEN SYNDROME, complications
556. Bistritskaite GB, Kasatkina ID, Iankauskaite VI: Repressia sinteza proteaz u Bacillus mesentericus. Izv Akad Nauk SSSR [Biol] 4:600-3, Jul-Aug 69 (Rus)  
\*BACILLUS, enzymology/ ENGLISH ABSTRACT/ \*ENZYME REPRESSION/ \*PEPTIDE HYDROLASES, biosynthesis
557. Bit-Alkhas Irani B, Clifton EE: Coagulation and metabolic changes during hemorrhagic shock. Angiology 21:161-71, Mar 70  
ANIMAL EXPERIMENTS/ BLOOD/ \*BLOOD COAGULATION, drug effects/ CARBON DIOXIDE, blood/ DOGS/ FEMALE/ \*FIBRINOLYSIS, pharmacodynamics/ HEMATOCRIT/ HEMOGLOBINOMETRY/ \*HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ MALE/ NECROSIS/ OXYGEN, blood/ PROTAMINES, pharmacodynamics/ PYRUVATES, blood/ SHOCK, HEMORRHAGIC, chemically induced/ \*SHOCK, HEMORRHAGIC, metabolism/ SILICONES/ THROMBELASTOGRAPHY/ THROMBOSIS, pathology/ TIME FACTORS
558. Bithell TC, Pizarro A, MacDiarmid WD: Variant factor IX deficiency in female with 45, X Turner syndrome. Blood 36:169-79, Aug 70  
BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ CHILD/ \*CHRISTMAS DISEASE, complication/ CHROMOSOME ABERRATIONS/ FACTOR IX, analysis/ FEMALE/ GENETICS, HUMAN/ HEMORRHAGIC DIATHESIS, blood/ HUMAN KARYOTYPING/ PEDIGREE/ \*TURNER'S SYNDROME, complications
559. Bittner EW, Gerig JT: The inactivation of alpha-chymotrypsin with methyl-, trideuteriomethyl- and trifluoromethyl-substituted N-phenyl-alpha-bromoacetamides. J Amer Chem Soc 92:2114-8, 8 Apr 70  
\*AMIDES/ BROMINE/ \*CHYMOTRYPSIN, antagonists & inhibitors/ DEUTERIUM/ FLUORINE/ KINETICS/ METHYLATION
560. Bizzi E, Butti A: Valutazione clinica di un farmaco fibrinolitico in un disegno sperimentale cross-over. Minerva Med 60:Suppl 99:5062+, 12 Dec 69 (I)  
AGED/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS OBLITERANS, drug therapy/ \*BLOOD COAGULATION, drug effects/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CORONARY DISEASE, drug therapy/ DIABETIC RETINOPATHY, drug therapy/ ENGLISH ABSTRACT/



## AUTHOR SECTION

- \*FIBRINOLYSIS, drug effects/ \*HEPARINOID, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PLACEBOS, therapeutic use
561. Bixzi B, Leone G, Accorra F: L'attività fibrinolitica del sangue "capillare" dopo stasi venosa. Policlino [Prat] 76:1195-8, 15 Sep 69 (Ita)  
\*BLOOD COAGULATION DISORDERS, etiology/ \*CAPILLARIES/ \*FIBRINOLYSIS, analysis/ \*VASCULAR DISEASES, complications
  562. Bixzi B, Musumeci V, Pola P: Sul meccanismo dell'effetto trombolitico della streptochinasi: la penetrazione della streptochinasi nel coagulo. Minerva Med 60:4918-22, 8 Dec 69 (Ita)  
\*BLOOD COAGULATION, drug effects/ FIBRIN, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ IN VITRO/ \*STREPTOKINASE, pharmacodynamics
  563. Black WJ, Hsueh-Ching Wang J: Studies on the allosteric activation of glycogen phosphorylase b by nucleotides. II. Nucleotide structure in relation to mechanism of activation. Biochim Biophys Acta 212:257-68, 15 Aug 70  
ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ENZYME ACTIVATION/ FLUORIDES/ \*GLUCOSYLTRANSFERASES/ GLYCOGEN/ HEXOSEPHOSPHATES/ KINETICS/ \*NUCLEOTIDES/ PROTAMINES/ SPERMINE
  564. Blackard CE, Doe RP, Mellinger GT, et al: Incidence of cardiovascular disease and death in patients receiving diethylstilbestrol for carcinoma of the prostate. Cancer 26:249-56, Aug 70  
ACID PHOSPHATASE, blood/ AGED/ \*CARCINOMA, drug therapy/ CARCINOMA, mortality/ \*CARDIOVASCULAR DISEASES, chemically induced/ CARDIOVASCULAR DISEASES, complications/ CARDIOVASCULAR DISEASES, mortality/ CEREBROVASCULAR DISORDERS, complications/ CLINICAL RESEARCH/ \*DIETHYLSTILBESTROL, adverse effects/ ELECTROCARDIOGRAPHY/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ ISCHEMIA, complications/ MALE/ MYOCARDIAL INFARCT, complications/ NEOPLASM METASTASIS/ PLACEBOS/ PLASMINOGEN, metabolism/ PROGNOSIS/ PROSTATE, secretion/ \*PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, mortality/ PULMONARY EMBOLISM, complications
  565. Blackwell RQ, Yang HJ, Wang CC: Hemoglobin J Taichung:beta-129 ALA--ASP. Biochim Biophys Acta 194:1-5, 11 Nov 69  
ADOLESCENCE/ \*ALANINE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ \*ASPARTIC ACID/ AUTOANALYSIS/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ FEMALE/ GLYCINE/ \*HEMOGLOBINS, ABNORMAL/ HUMAN/ \*PEPTIDES/ PEPTIDES, analysis/ TAIWAN/ TRYPSIN
  566. Blain C: Nephrectomy following liver biopsy. Amer J Dig Dis 14:745-7, Oct 69  
ADULT/ \*BIOPSY, adverse effects/ CASE REPORT/ FEMALE/ \*HEMATOMA, etiology/ HEMATURIA, etiology/ HUMAN/ \*KIDNEY, injuries/ LAPAROTOMY/ LIVER DISEASES, diagnosis/ NEPHRECTOMY
  567. Blair CD, Robinson WS: Replication of Sendai virus. II. Steps in virus assembly. J Virol 5:639-50, May 70  
CENTRIFUGATION, DENSITY GRADIENT/ CHICK EMBRYO/ CYTOPLASM/ DACTINOMYCIN/ DETERGENTS/ EDTA/ FIBROBLASTS/ HEMAGGLUTINATION TESTS/ MICROSCOPY, ELECTRON/ NEURAMINIDASE/ PHENOLS/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ RIBONUCLEASE, metabolism/ RIBOSOMES/ RNA, VIRAL, biosynthesis/ RNA, VIRAL, isolation & purification/ \*SENDAI VIRUS, growth & development/ SENDAI VIRUS, isolation & purification/ SENDAI VIRUS, metabolism/ SENDAI VIRUS, pathogenicity/ SPECTROPHOTOMETRY/ SUCROSE/ TISSUE CULTURE/ TRITIUM/ TRYPSIN/ URIDINE, metabolism/ VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, isolation & purification/ \*VIRUS REPLICATION
  568. Blair GW: Further comments on the basic equation for coagulation. Biorheology 6:341-2, Apr 70  
\*BLOOD COAGULATION/ \*BLOOD VISCOSITY/ PHYSICS
  569. Blajchman MA, Lowry RC, Pettit JE, et al: Rifampicin-induced immune thrombocytopenia. Brit Med J 3:24-6, 4 Jul 70  
ANTIBODIES, analysis/ COMPLEMENT FIXATION TESTS/ COOMBS' TEST/ ERYTHROCYTES, immunology/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HUMAN/ MERCAPTOETHANOL/ MIDDLE AGE/ \*RIFOMYCIN, adverse effects/ \*THROMBOPENIA, chemically induced
  570. Blakely JA: A rapid bedside method for the control of heparin therapy. Amer Heart J 78:838-9, Dec 69  
\*BLOOD COAGULATION TESTS/ \*HEPARIN, therapeutic use/ HUMAN/ METHODS/ TIME FACTORS
  571. Blakely JA: A rapid bedside method for the control of heparin therapy. Amer Heart J 78:838-9, Dec 69  
\*BLOOD COAGULATION TESTS/ HEMODIALYSIS/ \*HEPARIN, pharmacodynamics/ METHODS
  572. Blank NL: K voprosu o trombastenii u rabotalushchikh v kontakte s benzolom i ego gomologami. Gig Tr Prof Zabol 14:32-5, May 70 (Rus)  
ADULT/ \*BENZENE, poisoning/ \*BENZENE DERIVATIVES, poisoning/ \*BLOOD PLATELET DISORDERS, chemically induced/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ FEMALE/ HUMAN/ MIDDLE AGE/ \*OCCUPATIONAL DISEASES, chemically induced
  573. Blaszczyk M, Ursyn-Niemcewicz W, Pawlak F: Blatko osocza wytracajace sie heparyna (HPF) w nowotworach zlosliwych narzadu oddechowego. Gruzlica 38:321-8, Apr 70 (Pol)  
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ \*HEPARIN, blood/ HUMAN/ LUNG DISEASES, diagnosis/ MALE/ MIDDLE AGE/ PROTEINS, metabolism/ \*RESPIRATORY TRACT NEOPLASMS, diagnosis/ RESPIRATORY TRACT NEOPLASMS, surgery
  574. Blatný J, Oral I: Fibrinolyse pleuraler Ergüsse. Z Erkr Atmungsorgane 131:39-42, 1969 (Ger)  
CENTRIFUGATION/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ HUMAN/ IMMUNOELECTROPHORESIS/ PLASMINOGEN, analysis/ PLEURAL EFFUSION, analysis/ \*PLEURAL EFFUSION, metabolism/ PNEUMOTHORAX, complications/ PROTEINS, analysis/ PUNCTURES/ SERUM GLOBULINS, metabolism/ TUBERCULOSIS, PLEURAL, complications
  575. Blaton V, Howard AN, Gresham GA, et al: Lipid changes in the plasma lipoproteins of baboons given an atherogenic diet. I. Changes in the lipids of total plasma and of alpha and beta-lipoproteins. Atherosclerosis 11:497-507, May-Jun 70  
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, blood/ \*ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, blood/ CHROMATOGRAPHY/ \*DIET, ATHEROGENIC/ FATTY ACIDS, blood/ LINOLEIC ACID, blood/ \*LIPIDS, analysis/ \*LIPOPROTEINS, analysis/ LIPOPROTEINS, blood/ MONKEYS/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood
  576. Blatrix C, Tillement JP: Le métabolisme des antivitamines K. Therapeutique 45:875-7, Nov 69 (Fre)  
\*ANTICOAGULANTS, metabolism/



# AUTHOR SECTION

- \*COUMARINS, metabolism/ HUMAN/  
 \*INDENES, metabolism/ LIVER, metabolism/  
 \*VITAMIN K, antagonists & inhibitors
577. Bleeker GM: X-ray photos of the optic foramen. *Ophthalmologica* (Basel) 160:354-68, 1970  
 FEMALE/ FRACTURES, radiography/  
 HEMANGIOMA, radiography/ HUMAN/ MALE/  
 MENINGIOMA, radiography/ METHODS/  
 NEUROFIBROMA, radiography/ \*OPHTHALMIC  
 ARTERY/ \*OPTIC NERVE/ ORBIT, injuries/  
 \*ORBIT, radiography/ ORBITAL NEOPLASMS,  
 radiography/ PERIPHERAL NERVE  
 NEOPLASMS, radiography/ \*PHOTOGRAPHY/  
 TECHNOLOGY, RADIOLOGIC
578. Bleifeld W: Überlebenszeit und Abbau menschlicher Thrombozyten. *Acta Med Scand Suppl* 498:1+, 1969 (Ger)  
 ADOLESCENCE/ ADULT/ ANEMIA,  
 APLASTIC, blood/ \*BLOOD PLATELETS,  
 physiology/ BLOOD PLATELETS,  
 physiopathology/ CHROMIUM ISOTOPES/  
 ENGLISH ABSTRACT/ FEMALE/ GAMMA  
 GLOBULIN, 7S, blood/ HUMAN/  
 HYPERSPLENISM, blood/ IN VITRO/  
 LEUKEMIA, blood/ \*LIVER, metabolism/  
 LUPUS ERYTHEMATOSUS, SYSTEMIC,  
 physiopathology/ MALE/ MIDDLE AGE/  
 PHOSPHORUS ISOTOPES/  
 RETICULOENDOTHELIAL SYSTEM,  
 physiology/ \*SPLEEN, metabolism/  
 THROMBOPENIA, blood/ THROMBOPENIA,  
 diagnosis/ \*THROMBOPENIA, etiology/ TIME  
 FACTORS
579. Bleyer WA, Breckenridge RT: Studies on the detection of adverse drug reactions in the newborn. II. The effects of prenatal aspirin on newborn hemostasis. *JAMA* 213:2049-53, 21 Sep 70  
 ASPIRIN, administration & dosage/ \*ASPIRIN,  
 adverse effects/ BLOOD CELL COUNT/  
 \*BLOOD PLATELET DISORDERS, chemically  
 induced/ BLOOD PLATELETS/ FACTOR XII,  
 analysis/ FEMALE/ GESTATIONAL AGE/  
 HUMAN/ INFANT, NEWBORN/ \*INFANT,  
 NEWBORN, DISEASES, chemically induced/  
 MATERNAL-FETAL EXCHANGE/  
 \*PREGNANCY/ PROTHROMBIN TIME/  
 THROMBOPLASTIN, analysis
580. Bleyl U, Büsing CM, Graeff H, et al: Perinatale Hämostase-Störung nach vorzeitiger Placentarlösung. *Virchow Arch [Path Anat]* 348:1-15, 1969 (Ger)  
 ACIDOSIS, etiology/ ACIDOSIS,  
 RESPIRATORY, etiology/ ADULT/ \*BLOOD  
 COAGULATION DISORDERS, etiology/  
 ENGLISH ABSTRACT/ FETAL DEATH,  
 pathology/ \*FETAL DISEASES/ HUMAN/  
 \*LABOR COMPLICATIONS/ LIVER, pathology/  
 \*PLACENTA/ PLACENTA DISORDERS,  
 complications/ PREGNANCY/ \*PREGNANCY  
 COMPLICATIONS, HEMATOLOGIC/ SHOCK,  
 HEMORRHAGIC
581. Bleyl U, Büsing CM, Krempien B: Pulmonale hyaline Membranen und perinataler Kreislaufshock. *Virchow Arch [Path Anat]* 348:187-204, 1969 (Ger)  
 ABRUPTIO PLACENTAE, complications/  
 ACIDOSIS, complications/ ANOXEMIA,  
 complications/ DISEASES IN TWINS/  
 HUMAN/ \*HYALINE MEMBRANE DISEASE,  
 complications/ HYALINE MEMBRANE  
 DISEASE, pathology/ INFANT, NEWBORN/  
 \*INFANT, NEWBORN, DISEASES/ LABOR  
 COMPLICATIONS/ PLACENTA PRAEVI,  
 complications/ PLASMINOGEN/ PREGNANCY/  
 PREGNANCY IN DIABETES, complications/  
 \*SHOCK, complications/ \*THROMBOSIS,  
 complications/ THROMBOSIS, etiology
582. Bleyl U, Büsing CM: Disseminierte intravasale Gerinnung und perinataler Schock. *Verh Deutsch Ges Path* 53:495-501, 1969 (Ger)  
 \*ANOXIA, complications/ AUTOPSY/ BLOOD  
 COAGULATION DISORDERS, complications/  
 \*BLOOD COAGULATION DISORDERS,  
 etiology/ BLOOD COAGULATION DISORDERS,  
 pathology/ ENGLISH ABSTRACT/ FETAL  
 DEATH/ \*FETAL DISEASES, complications/  
 HEMORRHAGIC DIATHESIS, etiology/  
 HEPATIC VEINS, pathology/ HUMAN/  
 INFANT MORTALITY/ INFANT, NEWBORN/  
 \*INFANT, NEWBORN, DISEASES, etiology/  
 KIDNEY GLOMERULUS, pathology/ LABOR  
 COMPLICATIONS/ LIVER, pathology/  
 PREGNANCY/ PREGNANCY  
 COMPLICATIONS/ \*SHOCK, etiology/ SHOCK,  
 HEMORRHAGIC, etiology
583. Blicharski J, Lisiewicz J, Bukasiewicz B: Leczenie stanów hipoplazji i aplazji szpiku środkami biologicznymi. *Przegl Lek* 26:318-21, 1970 (Pol)  
 \*ANEMIA, APLASTIC, therapy/  
 ANTIFIBRINOLYTIC AGENTS,  
 therapeutic use/ BLOOD PLATELETS/ BLOOD  
 TRANSFUSION/ BONE MARROW,  
 transplantation/ ENGLISH ABSTRACT/  
 HUMAN/ LEUKOCYTES/ SPLENECTOMY/  
 THYMECTOMY/ TRANSPLANTATION,  
 HOMOLOGOUS
584. Bliss CI, Griminger P: Response criteria for the bioassay of vitamin K. *Biometrics* 25:735-45, Dec 69  
 ANALYSIS OF VARIANCE/ ANIMAL  
 EXPERIMENTS/ \*BIOLOGICAL ASSAY,  
 standards/ BIOMETRY/ CHICKENS/  
 \*PROTHROMBIN TIME/ \*VITAMIN K, analysis
585. Blix S: Trombosebehandling med streptokinase. *T Norsk Laegeforen* 90:1292-3, 15 Jun 70 (Nor)  
 HUMAN/ \*STREPTOKINASE, therapeutic use/  
 \*THROMBOSIS, drug therapy/ TIME  
 FACTORS
586. Blix S: The activator time. A method for control of activator activity during thrombolytic therapy. *Scand J Haemat* 6:221-6, 1969  
 ANTICOAGULANTS/ BLOOD COAGULATION  
 TESTS/ CATTLE/ CITRATES/ ENZYME  
 ACTIVATION/ FIBRINOGEN, diagnostic use/  
 \*FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS,  
 therapeutic use/ HUMAN/ METHODS/  
 PLASMINOGEN, analysis/ SODIUM/  
 \*STREPTOKINASE, therapeutic use/  
 THROMBIN/ TIME FACTORS
587. Blix S: The control of plasminogen and plasmin during thrombolytic therapy. *Acta Med Scand* 186:479-82, Nov 69  
 BLOOD COAGULATION TESTS/  
 \*FIBRINOLYSIS, analysis/ \*FIBRINOLYTIC  
 AGENTS, therapeutic use/ HUMAN/ IN  
 VITRO/ METHODS/ \*PLASMINOGEN, analysis/  
 STREPTOKINASE, therapeutic use/ TIME  
 FACTORS
588. Blix S: Fibrinolyse og fibrinolytisk terapi. *T Norsk Laegeforen* 90:273-6, 25 Jan 70 (Nor)  
 \*BLOOD COAGULATION DISORDERS, drug  
 therapy/ ENGLISH ABSTRACT/  
 \*FIBRINOLYSIS/ HUMAN/ STREPTOKINASE,  
 therapeutic use
589. Blobel G, Sabatini DD: Controlled proteolysis of nascent polypeptides in rat liver cell fractions. Location of the polypeptides within ribosomes. *J Cell Biol* 45:130-45, Apr 70  
 ANIMAL EXPERIMENTS/ CARBON  
 ISOTOPES/ CENTRIFUGATION, DENSITY  
 GRADIENT/ CHROMATOGRAPHY, ION  
 EXCHANGE/ CHYMOTRYPSIN/  
 ELECTROPHORESIS, DISK/ GEL  
 FILTRATION/ LEUCINE, metabolism/  
 \*PEPTIDES, metabolism/ RATS/ RIBOSOMES  
 drug effects/ \*RIBOSOMES, metabolism/  
 TRITIUM/ TRYPSIN
590. Bloch DP: A catalog of sperm histones. *Genetics* 61:Suppl:93-111, 1969  
 ANIMAL EXPERIMENTS/ ARGININE/ CELL  
 NUCLEUS/ CRUSTACEA/ EMBRYO, growth  
 development/ EVOLUTION/ FISHES/ FROGS  
 \*HISTONES/ HISTONES, classification/  
 HISTONES, physiology/ INSECTS/ MALE/  
 MICE/ MOLLUSCA/ PROTAMINES/ RNA,  
 MESSENGER, biosynthesis/ SALMONIDAE/  
 SEX DETERMINATION/ \*SPERMATOZOA,  
 analysis



## AUTHOR SECTION

591. Blokhin NN, Syromiatnikova NV: Osobennosti protsessov obmena veshchestv pri deformiruiushchikh artrozakh. Ortop Travm Protez 31:53-6, Feb 70 (Rus) ADULT/ ALKALINE PHOSPHATASE, blood/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ C-REACTIVE PROTEIN, analysis/ FEMALE/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ HIP JOINT/ HUMAN/ \*JOINT DISEASES, metabolism/ KNEE JOINT/ MALE/ URIC ACID, blood
592. Blombäck B: A story about a fiber. Scand J Clin Lab Invest Suppl 107:179+, 1969 AMINO ACID SEQUENCE/ CHROMATOGRAPHY/ \*FIBRIN, biosynthesis/ FIBRINOGEN, physiology/ HUMAN/ MODELS, CHEMICAL/ PLATELET ADHESIVENESS
593. Blombäck B: A story about a fiber. Scand J Clin Lab Invest 24:Suppl 107:179+, 1969 AMINO ACID SEQUENCE/ CHROMATOGRAPHY/ \*FIBRIN, biosynthesis/ FIBRINOGEN, physiology/ HUMAN/ MODELS, CHEMICAL/ PLATELET ADHESIVENESS
594. Blombäck B, Blombäck M, Olsson P, et al: Synthetic peptides with anticoagulant and vasodilating activity. Scand J Clin Lab Invest Suppl 107:59+, 1969 AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD CIRCULATION, drug effects/ BLOOD FLOW VELOCITY/ BRADYKININ, pharmacodynamics/ DOGS/ \*PEPTIDES, pharmacodynamics/ THROMBIN, antagonists & inhibitors/ THROMBOPLASTIN, antagonists & inhibitors/ \*VASODILATOR AGENTS, pharmacodynamics
595. Blombäck B, Blombäck M, Olsson P, et al: Synthetic peptides with anticoagulant and vasodilating activity. Scand J Clin Lab Invest 24:Suppl 107:59+, 1969 AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD CIRCULATION, drug effects/ BLOOD FLOW VELOCITY/ BRADYKININ, pharmacodynamics/ DOGS/ \*PEPTIDES, pharmacodynamics/ THROMBIN, antagonists & inhibitors/ THROMBOPLASTIN, antagonists & inhibitors/ \*VASODILATOR AGENTS, pharmacodynamics
596. Blomqvist H, Hamberg U: Kininogen level in clinical pancreatitis during treatment with trypsin inhibitor from bovine lung. Scand J Clin Lab Invest Suppl 107:173+, 1969 ADULT/ AGED/ AMYLASE, urine/ BRADYKININ, analysis/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*KININS, blood/ LEUKOCYTE COUNT/ LIPASE, blood/ MIDDLE AGE/ \*PANCREATITIS, blood/ PANCREATITIS, drug therapy
597. Blomqvist H, Hamberg U: Kininogen level in clinical pancreatitis during treatment with trypsin inhibitor from bovine lung. Scand J Clin Lab Invest 24:Suppl 107:173+, 1969 ADULT/ AGED/ AMYLASE, urine/ BRADYKININ, analysis/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KININS, blood/ LEUKOCYTE COUNT/ LIPASE, blood/ MIDDLE AGE/ \*PANCREATITIS, blood/ PANCREATITIS, drug therapy
598. Bloom AL, Evans EP: Relationship of platelet retention in glass bead columns to the rate of aggregation with adenosine diphosphate and thrombin. J Clin Path 22:560-2, Sep 69 \*ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD COAGULATION/ \*BLOOD PLATELETS, drug effects/ GLASS/ HUMAN/ METHODS/ PLATELET ADHESIVENESS, drug effects/ \*THROMBIN, pharmacodynamics/ TIME FACTORS
599. Bloomfield DK: Fetal deaths and malformations associated with the use of coumarin derivatives in pregnancy. A critical review. Amer J Obstet Gynec 107:883-8, 15 Jul 70 \*ABNORMALITIES, DRUG-INDUCED, etiology/ ADULT/ BLOOD COAGULATION DISORDERS, drug therapy/ COUMARINS, administration & dosage/ \*COUMARINS, adverse effects/ FEMALE/ \*FETAL DEATH, chemically induced/ HEART VALVE PROSTHESIS/ HEMORRHAGIC DISEASE OF NEWBORN, chemically induced/ HEMORRHAGIC DISEASE OF NEWBORN, mortality/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PROTHROMBIN TIME/ TIME FACTORS
600. Blümel G: Über die Beeinflussung von Permeabilitätsstörungen im Gehirn durch natürliche Proteinasehemmkörper. Langenbecks Arch Chir 325:310-4, 1969 (Ger) ANIMAL EXPERIMENTS/ \*BRAIN, physiopathology/ \*CELL MEMBRANE PERMEABILITY/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ \*HEMATOMA, SUBDURAL, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE, blood/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ RABBITS/ SERUM ALBUMIN, RADIO-IODINATED/ SUBARACHNOID HEMORRHAGE, drug therapy
601. Blümel PM, Jungmann H: Untersuchungen über Blutveränderungen bei absoluter, befristeter Nahrungskarenz (Fasten) kombiniert mit Übungstherapie. Med Welt 37:2004-8, 13 Sep 69 (Ger) ADULT/ AGED/ \*BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ BLOOD VOLUME/ ERYTHROCYTE COUNT/ \*EXERCISE THERAPY/ \*FASTING/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MIDDLE AGE/ \*NUTRITION
602. Blumenson LE, Van Yserloo B, Rimm A, et al: Procedure for determining original and perturbed pK values in potentiometric difference titrimetry experiments. Anal Biochem 36:288-93, Aug 70 CHYMOTRYPSIN/ COMPUTERS, DIGITAL/ \*HYDROGEN-ION CONCENTRATION/ MATHEMATICS/ METHODS/ \*POTENTIOMETRY
603. Bobrzecka K, Janicki K, Konieczny L: Cold aggregation properties of some macroglobulins. Clin Chim Acta 26:580-2, Dec 69 ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PROTEIN ELECTROPHORESIS/ BUFFERS/ CATTLE/ CHEMISTRY/ CHICKENS/ COLD/ \*CRYOGLOBULINS/ DENSITOMETRY/ \*FIBRINOGEN/ \*GAMMA GLOBULIN, 7S/ \*GAMMA GLOBULIN, 19S/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PRECIPITATION/ SODIUM CHLORIDE/ TEMPERATURE/ UREA
604. Bocci V: Factors affecting protein iodination using chloramine T and the assessment of homogeneity of serum 131-I-proteins. Ital J Biochem 18:346-75, Sep-Oct 69 ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ \*BLOOD PROTEINS, metabolism/ BLOOD PROTEINS, urine/ \*CHLORAMINES, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ FECES, analysis/ GAMMA GLOBULIN, metabolism/ GEL FILTRATION/ GELS/ HYDROGEN-ION CONCENTRATION/ \*IODINE, metabolism/ IODINE ISOTOPES/ IODOTYROSINE, metabolism/ LIVER, metabolism/ MALE/ METHODS/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ PROTEIN DENATURATION/ RABBITS/ RADIOAUTOGAPHOGRAPHY/ RATS/ SPECTROPHOTOMETRY/ TIME FACTORS



# AUTHOR SECTION

605. Bocchi E, Veronese FM, Fontana A, et al: Sulfenyl halides as modifying reagents for polypeptides and proteins. Quantitative evaluation of tryptophan and cysteine residues in proteins.  
Europ J Biochem 13:188-92, 1 Mar 70  
ACETIC ACIDS/ \*CHLORIDES/  
CHYMOTRYPSIN, analysis/ COLORIMETRY/  
\*CYSTEINE, analysis/ ENZYME PRECURSORS,  
analysis/ ENZYMES, analysis/ FORMIC ACIDS/  
METHODS/ MURAMIDASE, analysis/  
NITROBENZENES/ OVALBUMIN, analysis/  
OXIDATION-REDUCTION/ \*PEPTIDES,  
analysis/ \*PROTEINS, analysis/  
SPECTROPHOTOMETRY/ \*SULFENIC ACIDS/  
SULFIDES/ TRYPSIN, analysis/  
TRYPSINOGEN, analysis/ \*TRYPTOPHAN,  
analysis/ ULTRAVIOLET RAYS
606. Bochkovskii FR, Il'in IM: Redkaya forma gigantiskoi kavernoznoi gemangiomy pecheni i selezheni.  
Vrach Delo 12:134-5, 1969 (Rus)  
CASE REPORT/ \*HEMANGIOMA,  
CAVERNOUS/ HUMAN/ \*LIVER NEOPLASMS,  
complications/ MALE/ MIDDLE AGE/  
\*SPLENIC NEOPLASMS, complications
607. Böck J, Ossolnig K: Die Beziehungen zwischen der histologischen Struktur und dem Echogramm als Grundlage einer unblutigen Gewebsdifferenzierung.  
Klin Mbl Augenheilk 155:887-95, 1969 (Ger)  
ADULT/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS, diagnosis/  
HEMANGIOMA, CAVERNOUS, pathology/  
HUMAN/ MALE/ \*MENINGIOMA, diagnosis/  
MENINGIOMA, pathology/ MIDDLE AGE/  
\*ORBITAL NEOPLASMS, diagnosis/ ORBITAL  
NEOPLASMS, pathology/ \*SARCOMA,  
diagnosis/ SARCOMA, pathology/  
\*ULTRASONICS
608. Boczar A, Wegrzecka R: Die Herstellung von thermostabilen Antiglobulinseren.  
Folia Haemat (Leipzig) 92:418-20, 1969 (Ger)  
ABO FACTORS/ ANIMAL EXPERIMENTS/  
ANTI-ANTIBODIES/ \*BLOOD PRESERVATION/  
FREEZE DRYING/ \*GLYCERIN/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
\*IMMUNE SERUMS/ METHODS/ RH  
FACTORS/ TEMPERATURE/ TIME FACTORS
609. Boden B: Über serologische Kriterien der Haltbarkeit von Testerythrozyten während der Lagerung bei 4 degrees C in phosphat- und nukleosidhaltigen Medien.  
Z Ges Inn Med 24:903-7, 15 Dec 69 (Ger)  
BLOOD GROUPS/ \*BLOOD PRESERVATION/  
ENGLISH ABSTRACT/ \*ERYTHROCYTES/  
\*FREEZING/ HUMAN/ \*NUCLEOSIDES/  
\*PHOSPHATES/ SUSPENSIONS
610. Bodiazina VI, Kiriushchenkov AP, Leonov BV: Osobennosti deistviya lekarstvennykh veshchestv na plod v razlichnye periody vnutritrobnogo razvitiya.  
Vestn Akad Med Nauk SSSR 24:11-7, 1969 (Rus)  
\*ABNORMALITIES, DRUG-INDUCED/ ANIMAL  
EXPERIMENTS/ ANTIBIOTICS, adverse  
effects/ ANTICOAGULANTS, adverse effects/  
ANTIMETABOLITES, adverse effects/  
ANTINEOPLASTIC AGENTS, adverse effects/  
DRUG SYNERGISM/ ENGLISH ABSTRACT/  
FEMALE/ \*FETUS, drug effects/  
GESTATIONAL AGE/ GLUCOCORTICOIDES,  
adverse effects/ HUMAN/ NIDATION/  
PREGNANCY/ THALIDOMIDE, adverse effects
611. Bodlaender P, Feinstein G, Shaw E: The use of isoxazolium salts for carboxyl group modification in proteins. Trypsin.  
Biochemistry (Wash) 8:4941-9, Dec 69  
ACETATES/ AMINO ACIDS, analysis/  
AUTOANALYSIS/ BORIC ACIDS/ CARBON  
ISOTOPES/ CHEMISTRY/ DRUG STABILITY/  
ENZYME ACTIVATION/ FLUORINE/  
HYDROGEN-ION CONCENTRATION/  
HYDROXYLAMINES/ INDICATORS AND  
REAGENTS/ INFRARED RAYS/ KINETICS/  
METHODS/ \*OXAZOLES/ \*PROTEINS/  
SPECTROPHOTOMETRY/ TIME FACTORS/  
\*TRYPSIN/ TRYPSIN, analysis
612. Boehmer H von, Bayer R, Gladigau V, et al: Die Beziehung zwischen der cytotoxischen und elektrokinetischen Wirkung von Humanserum auf L-Zellen und Yoshida-Hepatom-Asciteszellen.  
Z Naturforsch [B] 25:205-12, Feb 70 (Ger)  
ANIMAL EXPERIMENTS/ COMPLEMENT/  
ELECTROPHORESIS/ FIBRINOGEN,  
pharmacodynamics/ GUINEA PIGS/  
HAPTOGLOBINS, pharmacodynamics/  
HEMOGLOBIN, pharmacodynamics/  
\*HEPATOMA, immunology/ HUMAN/  
\*IMMUNE SERUMS, toxicity/  
IMMUNOGLOBULINS, pharmacodynamics/ \*L  
CELLS, immunology/ NEOPLASMS,  
EXPERIMENTAL, immunology/ RABBITS/  
RATS/ SERUM ALBUMIN, pharmacodynamics
613. Boeker EA, Fischer EH, Snell EE: Arginine decarboxylase from Escherichia coli. 3. Subunit structure. J Biol Chem 244:5239-45, 10 Oct 69  
ACRYLATES/ AMINO ACIDS, analysis/  
ARGININE/ \*CARBOXY-LYASES/  
CARBOXY-LYASES, analysis/  
CARBOXY-LYASES, isolation & purification/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
CHLOROMERCURIBENZOATES/ CYANATES/  
DETERGENTS/ ELECTROPHORESIS/  
\*ESCHERICHIA COLI, enzymology/  
ETHYLMALEIMIDE/ HYDROGEN-ION  
CONCENTRATION/ MERCAPTOETHANOL/  
METHODS/ MODELS, STRUCTURAL/  
MOLECULAR WEIGHT/ \*PEPTIDES/  
PEPTIDES, analysis/ PROTEIN  
DENATURATION/ SULFATES/ SULFHYDRYL  
COMPOUNDS, analysis/ TRYPSIN/  
ULTRACENTRIFUGATION
614. Boettcher WG, Bonfiglio M, Hamilton HH, et al: Non-traumatic necrosis of the femoral head. I. Relation of altered hemostasis to etiology.  
J Bone Joint Surg [Amer] 52:312-21, Mar 70  
ALCOHOL DRINKING/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, etiology/  
BLOOD COAGULATION TESTS/ BLOOD  
PLATELET DISORDERS, complications/  
FEMALE/ \*FEMUR HEAD, blood supply/  
GOUT, complications/ HUMAN/ MALE/  
MIDDLE AGE/ \*NECROSIS, etiology/ URIC  
ACID, blood
615. Boette G: Rhinologische Gesichtspunkte zur Operation blutreicher Geschwülste der Orbita.  
Arch Klin Exp Ohr Nas Kehlkopfheilk 194:294-7, 22 Dec 69 (Ger)  
\*HEMANGIOMA, surgery/ HUMAN/  
INTERPROFESSIONAL RELATIONS/  
MAXILLA, surgery/ MAXILLARY ARTERY,  
surgery/ OPHTHALMIC ARTERY, anatomy &  
histology/ OPHTHALMOLOGY/ ORBIT, blood  
supply/ \*ORBITAL NEOPLASMS, surgery/  
OTORHINOLARYNGOLOGY/ SPHENOID  
BONE, surgery
616. Boeve NR, Winterscheid LC, Merendino KA: Fibrinogen-transmitted hepatitis in the surgical patient. Ann Surg 170:833-8, Nov 69  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ ASPARTATE AMINOTRANSFERASE,  
blood/ BILIRUBIN, blood/ BLOOD  
TRANSFUSION/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ \*FIBRINOGEN,  
adverse effects/ FIBRINOGEN, therapeutic  
use/ \*GAMMA GLOBULIN, therapeutic use/  
HEART SURGERY/ HEMORRHAGE, drug  
therapy/ HEPATITIS, HOMOLOGOUS SERUM,  
drug therapy/ \*HEPATITIS, HOMOLOGOUS  
SERUM, etiology/ HUMAN/ INFANT/ MALE/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ RETROSPECTIVE STUDIES
617. Boffa MC, Boffa GA, Jasso F: Relations entre les actions hémostatiques et l'activité lécitinasique du veini de Naja nigricollis.  
C R Acad Sci [D] (Paris) 269:2036-9, 17 Nov 69 (Fre)  
EDTA/ HEAT/ HEMOLYSIS/ HEPARIN/  
HORSES/ HUMAN/ IMMUNE SERUMS/  
\*PHOSPHOLIPASE/ PHOSPHOLIPASE,  
antagonists & inhibitors/ SNAKES/ \*VENOMS,  
pharmacodynamics



## AUTHOR SECTION

618. Boffa MC, Boffa GA, Josso F: Effets du venin de Vipera aspis sur les facteurs plasmatiques de l'hémostase. C R Acad Sci [D] (Paris) 270:1284-7, 2 Mar 70 (Fre)  
ANTICOAGULANTS, metabolism/ BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, chemically induced/ \*BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ FACTOR V/ FACTOR X/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ PROTHROMBIN TIME/ SNAKES/ \*VENOMS, pharmacodynamics
619. Bogdanikowa B, Bielawiec M, Drozd J: The influence of some proteolytic enzymes on serum proteins. Pol Arch Med Wewn 4:311-6, Apr-May 70  
\*BLOOD PROTEINS/ CHROMATOGRAPHY/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ METHODS/ \*PEPTIDE HYDROLASES, metabolism
620. Bogdanov EA: O lechenii perelomov bugristosti distal'nykh falang i podnogtevykh gematom pal'tsev kisti. Klin Khir (Kiev) 12:50-1, Dec 69 (Rus)  
FINGER INJURIES, surgery/ \*FINGERS/ \*FRACTURE FIXATION/ FRACTURES, complications/ HEMATOMA, etiology/ \*HEMATOMA, surgery/ HUMAN/ NAILS
621. Bogolitsyn IuG: Nekotorye voprosy patogeneza gemorragicheskikh prolavleniiu bol'nykh briushnym tifom. Ter Arkh 41:81-4, May 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION DISORDERS, etiology/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ \*TYPHOID, complications
622. Bogren H, Svalander C, Wickbom I: Angiography in intracranial cavernous hemangiomas. Acta Radiol [Diagn] (Stockholm) 10:81-9, Mar 70  
ADULT/ AUTOPSY/ CAROTID ARTERIES/ CEREBRAL ANGIOGRAPHY/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FRONTAL LOBE, radiography/ HEADACHE/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, pathology/ \*HEMANGIOMA, CAVERNOUS, radiography/ HEMIPLEGIA/ HUMAN/ MALE/ MIDDLE AGE/ OCCIPITAL LOBE, radiography/ REGIONAL BLOOD FLOW/ THIGH, blood supply/ VERTIGO
623. Bogusz J, Lisiewicz J: Zmiany hematologiczne po operacjach chirurgicznych. I. Krwinki czerwone i białe. Pol Przegl Chir 41:1072-7, Aug 69 (22 ref.) (Pol)  
ANEMIA, etiology/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES/ HEMATOCRIT/ HEMOSTASIS/ HUMAN/ \*LEUKOCYTES/ LEUKOCYTOSIS, etiology/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ \*SURGERY, OPERATIVE/ VITAMIN B 12 DEFICIENCY, etiology
624. Bogusz J, Lisiewicz J: Zmiany hematologiczne po operacjach chirurgicznych. II. Krwinki płytkowe, krzepnięcie krwi i rozpad włókniaka. Pol Przegl Chir 41:1078-83, Aug 69 (30 ref.) (Pol)  
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD PLATELETS/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEART SURGERY/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN, analysis/ REVIEW/ SHOCK, HEMORRHAGIC/ \*SURGERY, OPERATIVE
625. Bogusz J, Lisiewicz J: Zagadnienie etiopatogenezy zakrzepów w chirurgii. Pol Przegl Chir 42:283-9, Feb 70 (Pol)  
AGE FACTORS/ BLOOD COAGULATION DISORDERS, complications/ BLOOD VESSEL PROSTHESIS, adverse effects/ BLOOD VESSELS, pathology/ FRACTURES, complications/ HOMEOSTASIS/ HUMAN/ INFUSIONS, PARENTERAL, adverse effects/ LEG/ NEOPLASMS, complications/ \*POSTOPERATIVE COMPLICATIONS/ REGIONAL BLOOD FLOW/ SMOKING/ \*THROMBOSIS, etiology/ WOUNDS AND INJURIES, complications
626. Bohlig H: Die pleuralen Röntgenzeichen im Wandel von Therapie und Umwelt. Prax Pneumol 23:531-47, Aug 69 (Ger)  
ADHESIONS, etiology/ ADHESIONS, radiography/ ADULT/ AGED/ ASBESTOSIS, complications/ CALCINOSIS, etiology/ CALCINOSIS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ HUMAN/ MALE/ MESOTHELIOMA, etiology/ \*MESOTHELIOMA, radiography/ MIDDLE AGE/ PLEURAL DISEASES, etiology/ \*PLEURAL DISEASES, radiography/ PLEURAL NEOPLASMS, etiology/ \*PLEURAL NEOPLASMS, radiography/ PNEUMOTHORAX, ARTIFICIAL, adverse effects/ TUBERCULOSIS, PULMONARY, therapy
627. Bohlmann HG, Gallmeier WM, Göbel FJ, et al: Erfahrungen mit der L-Asparaginase im Kindesalter. Z Kinderheilk 107:107-14, 1969 (Ger)  
ADOLESCENCE/ ALANINE AMINOTRANSFERASE, blood/ ASPARAGINASE, adverse effects/ \*ASPARAGINASE, therapeutic use/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD COAGULATION DISORDERS, chemically induced/ CHILD/ DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*LEUKEMIA, LYMPHOBLASTIC, drug therapy/ MALE/ NAUSEA, chemically induced/ THROMBOPENIA, chemically induced/ VOMITING, chemically induced
628. Bohn H: Isolierung und Charakterisierung des fibrinstabilisierenden Faktors aus menschlichen Thrombozyten. Thromb Diath Haemorrh 23:455-68, 30 Jun 70 (Ger)  
ACRYLATES/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS, analysis/ ANTIGENS, analysis/ BINDING SITES/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, analysis/ CARBOHYDRATES, analysis/ CRYSTALLIZATION/ ELECTROPHORESIS/ FACTOR XIII, analysis/ \*FACTOR XIII, isolation & purification/ FIBRIN, analysis/ GELS/ HUMAN/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ MOLECULAR WEIGHT/ RABBITS/ ULTRACENTRIFUGATION
629. Bohne J: Über eine einfache und schnelle Gewinnung von Zellkulturen aus ganzen Hühnerembryonen für die virologische Routinediagnostik. Arch Exp Veterinaermed 23:567-73, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*CHICK EMBRYO/ ENGLISH ABSTRACT/ METHODS/ TIME FACTORS/ \*TISSUE CULTURE/ TRYPSIN
630. Bohut V, Feikešlová M, Petrášek J, et al: Generalizovaná kostní hemangiomatóza. Cas Lek Cesk 109:318-21, 7 Mar 70 (Cze)  
\*BONE NEOPLASMS, radiography/ FEMALE/ \*HEMANGIOMA, radiography/ HUMAN/ MIDDLE AGE/ PELVIC NEOPLASMS, radiography/ SKULL NEOPLASMS, radiography/ THORACIC NEOPLASMS, radiography
631. Boiron M, Levy D: Asparaginase 1969. Path Biol (Paris) 17:1129-32, Dec 69 (Fre)  
ANIMAL EXPERIMENTS/ \*ASPARAGINASE/ ASPARAGINASE, administration & dosage/ ASPARAGINASE, adverse effects/ ASPARAGINASE, isolation & purification/ ASPARAGINASE, physiology/ BLOOD COAGULATION DISORDERS, chemically induced/ ENGLISH ABSTRACT/ HUMAN/ \*LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LIVER DISEASES, chemically induced/ MICE/ NEOPLASMS, drug therapy



# AUTHOR SECTION

632. Bokros JC, Gott VL, La Grange LD, et al: Correlations between blood compatibility and heparin adsorptivity for an impermeable isotropic pyrolytic carbon. J Biomed Mat Res 3:497-528, Sep 69  
\*ADSORPTION/ ANIMAL EXPERIMENTS/ BENZALKONIUM CHLORIDE/ BLOOD VESSEL PROSTHESIS/ \*CARBON/ CHEMISTRY, PHYSICAL/ DOGS/ HEART VALVE PROSTHESIS/ HEAT/ \*HEPARIN/ IN VITRO/ MICROSCOPY, ELECTRON/ RHEOLOGY/ SODIUM CHLORIDE/ SPECIFIC GRAVITY/ SURFACE PROPERTIES/ \*THROMBOSIS, prevention & control/ TIME FACTORS/ VENAE CAVAE, surgery
633. Bokros JC, Gott VL, LaGrange LD, et al: Heparin sorptivity and blood compatibility of carbon surfaces. J Biomed Mat Res 4:145-87, Jun 70  
\*ADSORPTION/ ANIMAL EXPERIMENTS/ BENZALKONIUM CHLORIDE/ BIOMEDICAL ENGINEERING/ BLOOD VESSEL PROSTHESIS/ \*CARBON/ COLD/ CRYSTALLOGRAPHY/ DOGS/ \*HEPARIN/ INDICATORS AND REAGENTS/ MICROSCOPY, ELECTRON, SCANNING/ SURFACE PROPERTIES/ \*THROMBOSIS, occurrence/ THROMBOSIS, prevention & control
634. Bolasny BL, Lanier VC Jr, Younger RK, et al: Comparison of vein grafts and dacron grafts in the femoral and iliac arteries in dogs on an atherogenic regimen. Surg Forum 20:99-100, 1969  
ANIMAL EXPERIMENTS/ \*ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, pathology/ \*BLOOD VESSEL PROSTHESIS/ DIET, ATHEROGENIC/ DOGS/ FEMORAL ARTERY/ ILIAC ARTERY/ \*POLYMERS/ TRANSPLANTATION, AUTOLOGOUS/ \*VEINS, transplantation
635. Boll M: The effect of deoxycholate on enzymes with electron transport function from Rhodospirillum rubrum. Arch Mikrobiol 68:191-200, 1969  
AMMONIUM COMPOUNDS/ \*BILE ACIDS AND SALTS, pharmacodynamics/ \*ELECTRON TRANSPORT/ FERROCYANIDES, metabolism/ GEL FILTRATION/ INDOPHENOL, metabolism/ \*OXIDOREDUCTASES, metabolism/ RHODOSPIRILLUM, drug effects/ \*RHODOSPIRILLUM, enzymology/ SUCCINATE DEHYDROGENASE, metabolism/ SULFATES/ ULTRACENTRIFUGATION/ VIBRATION/ VITAMIN K, metabolism
636. Boll M: Oxidation of reduced nicotinamide-adenine dinucleotide in Rhodospirillum rubrum. 3. Properties of a NADH dehydrogenase solubilized from electron transport particles. Arch Mikrobiol 69:301-13, 1969  
BILE ACIDS AND SALTS/ CHELATING AGENTS, pharmacodynamics/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ DIURETICS, MERCURIAL, pharmacodynamics/ ELECTRON TRANSPORT/ ETHYLMALAIMIDE, pharmacodynamics/ FERROCYANIDES, pharmacodynamics/ GEL FILTRATION/ INDOPHENOL, pharmacodynamics/ MOLECULAR WEIGHT/ \*NAD, metabolism/ NADP, pharmacodynamics/ \*OXIDOREDUCTASES/ OXIDOREDUCTASES, isolation & purification/ OXIDOREDUCTASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ RHODOSPIRILLUM, enzymology/ \*RHODOSPIRILLUM, metabolism/ SOLUBILITY/ VITAMIN K, pharmacodynamics
637. Boll M: Studies with Triton X-100 treated electron transport particles from Rhodospirillum rubrum. Arch Mikrobiol 71:1-8, 1970  
CELL MEMBRANE, drug effects/ \*CELL MEMBRANE, metabolism/ COLD/ CYTOCHROMES/ DEPRESSION, CHEMICAL/ \*ELECTRON TRANSPORT, drug effects/ FERRICYANIDES, metabolism/ IMINES, metabolism/ KINETICS/ OXIDOREDUCTASES, antagonists & inhibitors/ OXIDOREDUCTASES, metabolism/ QUINONES, metabolism/ \*RHODOSPIRILLUM/ STIMULATION, CHEMICAL/ SUCCINATE DEHYDROGENASE, metabolism/ SUCCINATES/ \*SURFACE-ACTIVE AGENTS, pharmacodynamics/ VITAMIN K, metabolism
638. Bollinger A: Medikamentöse Therapie peripherer arterieller Durchblutungsstörungen. Deutsch Med Wschr 94:2347-9, 7 Nov 69 (Ger)  
ANTIBIOTICS, administration & dosage/ \*ARTERIES/ BLOOD CIRCULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY, drug effects/ COMPARATIVE STUDY/ DESOXYCORTICOSTERONE, therapeutic use/ FEMORAL ARTERY/ HUMAN/ HYPERBARIC OXYGENATION/ INFUSIONS, PARENTERAL/ ISCHEMIA/ \*VASCULAR DISEASES, drug therapy/ VASODILATOR AGENTS, administration & dosage/ VASODILATOR AGENTS, therapeutic use
639. Bologna E: Acido urico ed aggregazione piastrinica da ADP. Boll Soc Ital Biol Sper 45:1027-9, 15 Aug 69 (Ita)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD PLATELET DISORDERS, chemically induced/ \*BLOOD PLATELETS, drug effects/ HUMAN/ \*URIC ACID, pharmacodynamics
640. Bologna E: Effetti dell'angiotensina sull'aggregazione piastrinica. Boll Soc Ital Biol Sper 45:1030-3, 15 Aug 69 (Ita)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*ANGIOTENSIN, pharmacodynamics/ \*BLOOD PLATELET DISORDERS, chemically induced/ \*BLOOD PLATELETS, drug effects/ CATECHOLAMINES, pharmacodynamics/ HUMAN/ HYPERTENSION, blood/ THROMBOSIS, etiology
641. Bologna E: Effetti della reserpina sul numero delle piastrine circolanti e sull'adesività piastrinica in vitro. Boll Soc Ital Biol Sper 45:1035-7, 15 Aug 69 (Ita)  
BLOOD CELL COUNT/ \*BLOOD PLATELETS, drug effects/ HUMAN/ HYPERTENSION, blood/ PLATELET ADHESIVENESS, drug effects/ \*RESERPINE, pharmacodynamics
642. Bologna E: Effetti della fentolamina sull'aggregazione piastrinica. Boll Soc Ital Biol Sper 45:1033-5, 15 Aug 69 (Ita)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD PLATELET DISORDERS, chemically induced/ \*BLOOD PLATELETS, drug effects/ CATECHOLAMINES, pharmacodynamics/ HUMAN/ HYPERTENSION, blood/ \*PHENTOLAMINE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ THROMBOSIS, etiology
643. Bologna E: Descrizione di un apparato per lo studio in vitro dell'aggregazione piastrinica. Boll Soc Ital Biol Sper 45:1025-6, 15 Aug 69 (Ita)  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELET DISORDERS, diagnosis/ \*BLOOD PLATELETS/ HEMATOLOGY, instrumentation/ HUMAN/ PLATELET ADHESIVENESS, analysis
644. Bondarenko MF: Lipolitticheskaia aktivnost' serdechnoi myshtsy pri éksperimental'nom tireoidinovom toksikoze. Probl Endokr Gormonoter 13:67-70, Jan-Feb 67 (Rus)  
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GOITER, EXOPHTHALMIC, enzymology/ HYPERTHYROIDISM, chemically induced/ \*HYPERTHYROIDISM, enzymology/ LIPIDS, metabolism/ \*LIPOPROTEIN LIPASE, metabolism/ \*MYOCARDIUM, enzymology/ RATS/ THYROID HORMONES
645. Bondarenko MF: Aktivnost' lipoproteinovoi lipazy serdechnoi myshtsy pri éksperimental'nom diabete v svyazi so stressom. Probl Endokr (Moskva) 16:92-5, Mar-Apr 70 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ \*DIABETES MELLITUS, enzymology/ ENGLISH ABSTRACT/ \*LIPOPROTEIN LIPASE, analysis/ MALE/ \*MYOCARDIUM, enzymology/ RATS/ \*STRESS, complications
646. Bondarenko VA, Mil'kov BO: Dobrokachestvennyye



# AUTHOR SECTION

- novobrazovanlia legkikh.  
Klin Khir (Kiev) 4:41-4, Apr 69 (Rus)  
ADULT/ \*CHONDROMA/ FEMALE/  
\*FIBROMA/ \*HEMANGIOMA/ HUMAN/ \*LUNG  
NEOPLASMS/ \*LYMPHOMA/ MALE/ MIDDLE  
AGE/ PNEUMONECTOMY
647. Bonelli U: Osservazioni sul comportamento di una  
frazione plasmatica eparino-precipitabile (H.P.F.) in  
dermatologia.  
Arch Ital Derm Vener 36:46-58, 1969 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
PROTEINS, analysis/ FEMALE/ \*HEPARIN,  
blood/ HUMAN/ MALE/ MIDDLE AGE/  
\*SKIN DISEASES, blood
648. Bonewell GW, Rossini L: 2,4-Dinitrophenol inhibition of  
chymotrypsin, trypsin and pronase digestion of  
bovine serum albumin.  
Ital J Biochem 18:457-74, Nov-Dec 69  
ALBUMINS/ CATTLE/ CHEMISTRY/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
\*DINITROPHENOLS/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/  
NITROBENZENES/ OXIDATIVE  
PHOSPHORYLATION, drug effects/ \*PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
PROTEIN DENATURATION/ \*SERUM  
ALBUMIN, BOVINE/ \*TRYPSIN INHIBITORS/  
UNCOUPLING AGENTS, pharmacodynamics
649. Bonnar J, McNicol GP, Douglas AS: The behaviour of  
the coagulation and fibrinolytic mechanisms in  
abruptio placentae.  
J Obstet Gynaec Brit Comm 76:799-805, Sep 69  
\*ABRUPTIO PLACENTAE, complications/  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ FACTOR V, analysis/  
FACTOR VIII, analysis/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
HUMAN/ PLASMINOGEN, analysis/  
PLATELET ADHESIVENESS/ PREGNANCY/  
PROTHROMBIN, analysis
650. Bonnar J, McNicol GP, Douglas AS: Coagulation and  
fibrinolytic mechanisms during and after normal  
childbirth. Brit Med J 2:200-3, 25 Apr 70  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS/ FACTOR V,  
analysis/ FACTOR VIII, analysis/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
HUMAN/ \*LABOR/ PREGNANCY/  
PUERPERAL DISORDERS, etiology/  
\*PUERPERIUM
651. Bonnar J, Prentice CR, McNicol GP, et al: Haemostatic  
mechanism in the uterine circulation during placental  
separation. Brit Med J 1:564-7, 6 Jun 70  
BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS/  
CESAREAN SECTION/ FACTOR VIII, blood/  
FEMALE/ FIBRINOGEN, analysis/  
FIBRINOLYSIS/ \*HEMOSTASIS/ HUMAN/  
\*LABOR/ \*PLACENTA, physiology/  
PREGNANCY/ PUERPERAL DISORDERS,  
etiology/ THROMBOEMBOLISM, etiology/  
UTERINE HEMORRHAGE, physiopathology/  
UTERUS, blood supply/ \*UTERUS, physiology/  
VEINS
652. Bonta IL, Vargaftig BB, Bhargava N, et al: Method for  
study of snake venom induced hemorrhages.  
Toxicon 8:3-10, May 70  
ANIMAL EXPERIMENTS/ DOGS/ ESTERASES,  
analysis/ \*HEMORRHAGE, chemically induced/  
HEPARIN, pharmacodynamics/ LUNG, drug  
effects/ LYSOLECITHIN, analysis/ MALE/  
PEPTIDE HYDROLASES, analysis/  
PHOSPHOLIPASE, analysis/ \*SNAKES/  
VENOMS, analysis/ VENOMS, antagonists &  
inhibitors/ \*VENOMS, toxicity
653. Bopp P, Fournet PC, Boufas D, et al: Usefulness of  
ascorbate dilution curves in heart disease.  
Arch Inst Cardiol Mex 39:792-8, Nov-Dec 69  
ADOLESCENCE/ ADULT/ ASCORBATE  
DILUTION TECHNIC/ \*ASCORBIC ACID,  
diagnostic use/ BLOOD COAGULATION
- FACTORS/ BLOOD GAS ANALYSIS/ CHILD/  
COMPARATIVE STUDY/ CORONARY  
VESSELS/ ENGLISH ABSTRACT/ FEMALE/  
\*HEART DISEASES, diagnosis/ HEART  
SEPTAL DEFECTS, diagnosis/ HEART VALVE  
DISEASES, diagnosis/ HUMAN/ \*INDICATOR  
DILUTION TECHNIQS/ MALE/ MIDDLE AGE/  
OXIMETRY
654. Borchgrevink CF: Long-term anticoagulant treatment  
after myocardial infarction. Brit Med J 2:237, 25 Apr 70  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*MYOCARDIAL INFARCT, drug  
therapy/ MYOCARDIAL INFARCT, mortality/  
SEX FACTORS/ TIME FACTORS
655. Borden EC, Murphy FA, Gary GW Jr: Attempted  
suppression of the interferon response in the mouse.  
Proc Soc Exp Biol Med 134:865-9, Jul 70  
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE  
SERUM, pharmacodynamics/  
BENZANTHRACENES, pharmacodynamics/  
DACTINOMYCIN, pharmacodynamics/  
HEPARIN, pharmacodynamics/ IMMUNE  
SERUMS, pharmacodynamics/ \*INTERFERON,  
biosynthesis/ MACROPHAGES, immunology/  
MICE/ NEWCASTLE DISEASE VIRUS,  
immunology/ PLANT AGGLUTININS,  
pharmacodynamics/ \*RETICULOENDOTHELIAL  
SYSTEM, drug effects/  
RETICULOENDOTHELIAL SYSTEM,  
immunology/ SPLENECTOMY
656. Bordo D, Rossi F, Foggio F, et al: Stati sideropenici e  
terapia ferrica endovenosa.  
Minerva Med 60:4479-84, 10 Nov 69 (Ita)  
\*ANEMIA, HYPOCHROMIC, drug therapy/  
COLLAGEN DISEASES, complications/  
ENGLISH ABSTRACT/ GASTROINTESTINAL  
DISEASES, complications/ HUMAN/  
INFECTION, complications/ \*IRON, therapeutic  
use/ NEOPLASMS, complications/ PURPURA,  
THROMBOPENIC, drug therapy
657. Borensztajn J, Otway S, Robinson DS: Effect of fasting  
on the clearing factor lipase (lipoprotein lipase)  
activity of fresh and defatted preparations of rat  
heart muscle. J Lipid Res 11:102-10, Mar 70  
ACETONE/ ANIMAL EXPERIMENTS/  
ANIMAL NUTRITION/ BILE ACIDS AND  
SALTS/ BLOOD/ DEPRESSION, CHEMICAL/  
DIAPHRAGM/ EATING/ ETHYL ETHER/  
FASTING/ FATTY ACIDS, metabolism/  
FEMALE/ HEART, drug effects/ HEPARIN,  
pharmacodynamics/ LIPIDS, analysis/ LIPIDS,  
pharmacodynamics/ \*LIPOPROTEIN LIPASE,  
metabolism/ MUSCLES, enzymology/  
MYOCARDIUM, analysis/ \*MYOCARDIUM,  
enzymology/ RATS/ SOLUBILITY/  
STIMULATION, CHEMICAL/ TIME FACTORS/  
TRIGLYCERIDES, metabolism
658. Borensztajn J, Robinson DS: The effect of fasting on  
the utilization of chylomicron triglyceride fatty acids  
in relation to clearing factor lipase (lipoprotein  
lipase) releasable by heparin in the perfused rat  
heart. J Lipid Res 11:111-7, Mar 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ \*CHYLOMICRONS, metabolism/  
FASTING/ \*FATTY ACIDS, metabolism/  
FEMALE/ HEART, drug effects/ HEPARIN,  
pharmacodynamics/ IN VITRO/  
\*LIPOPROTEIN LIPASE, metabolism/  
MYOCARDIUM, cytology/ MYOCARDIUM,  
enzymology/ \*MYOCARDIUM, metabolism/  
OXIDATION-REDUCTION/ PALMITIC ACID,  
metabolism/ PERFUSION/ RATS/  
STIMULATION, CHEMICAL/  
\*TRIGLYCERIDES, metabolism
659. Borgo E: Mistura enzimático-antibiótica em  
odontologia. Primeiras observações.  
Hospital (Rio) 77:649-60, Feb 70 (Por)  
ANTI-INFLAMMATORY AGENTS/  
\*CHYMOTRYPSIN, therapeutic use/ HUMAN/  
\*INFECTION, drug therapy/ \*MOUTH  
DISEASES, drug therapy/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
\*TETRACYCLINE, therapeutic use/ \*TRYPSIN,  
therapeutic use



# AUTHOR SECTION

660. Bories J, Bamberger-Bozo C, Rosier J:  
Mono-iodo-stéarate d'éthyle et myélographie.  
Acta Radiol [Diagn] (Stockholm) 9:686-92, 1969 (Fre)  
ANIMAL EXPERIMENTS/ COMPARATIVE  
STUDY/ DENSITOMETRY/ DOGS/  
HEMANGIOMA, radiography/ HUMAN/  
INTERVERTEBRAL DISK DISPLACEMENT,  
radiography/ \*IODIZED OILS/ IODIZED OILS,  
analysis/ IODIZED OILS, toxicity/  
\*MYELOGRAPHY/ RATS/ SPINAL CORD  
NEOPLASMS, radiography/ VISCOSITY
661. Born GV: Pharmacologie de l'agrégation plaquettaire.  
Nouv Rev Franc Hemat 9:513-4, Jul-Aug 69 (Fre)  
\*ADENINE NUCLEOTIDES, metabolism/  
ANESTHETICS, LOCAL, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE  
AGENTS, pharmacodynamics/  
ANTIMETABOLITES, pharmacodynamics/  
ASPIRIN, pharmacodynamics/ \*BLOOD  
PLATELETS, drug effects/  
CATECHOLAMINES, metabolism/ CELL  
AGGREGATION, drug effects/ CHELATING  
AGENTS, pharmacodynamics/  
CHLORPROMAZINE, pharmacodynamics/  
DOPAMINE, metabolism/ GUANIDINES,  
pharmacodynamics/ GUINEA PIGS/ HUMAN/  
IMIPRAMINE, pharmacodynamics/  
PHENYLBUTAZONE, pharmacodynamics/  
RABBITS/ RATS/ VASODILATOR AGENTS,  
pharmacodynamics
662. Börngen U: Welche Diagnose würden Sie stellen?  
Med Klin 64:2421 passim, 26 Dec 69 (Ger)  
CHILD/ DIAGNOSIS, DIFFERENTIAL/  
GLOMANGIOMA, diagnosis/ HEMANGIOMA,  
diagnosis/ HEMANGIOMA, CAVERNOUS,  
diagnosis/ HUMAN/ MALE/ \*SKIN, blood  
supply/ SKIN NEOPLASMS, diagnosis/  
\*TELANGIECTASIS, diagnosis
663. Bornstein P: The nature of a hydroxylamine-sensitive  
bond in collagen.  
Biochem Biophys Res Commun 36:957-64, 10 Sep 69  
ASPARAGINE/ ASPARTIC ACID/ BROMINE/  
CHEMISTRY/ CHROMATOGRAPHY, ION  
EXCHANGE/ \*COLLAGEN/ COLORIMETRY/  
CYANIDES/ GEL FILTRATION/  
\*HYDROXYLAMINES/ IMIDES/ METHODS/  
MOLECULAR WEIGHT/ \*PEPTIDES/  
PEPTIDES, isolation & purification/ RATS/  
SKIN/ TENDONS/ TRYPSIN
664. Bornstein P: Structure of alpha-1-CB8, a large cyanogen  
bromide produced fragment from the alpha-1 chain of  
rat collagen. The nature of a hydroxylamine-sensitive  
bond and composition of tryptic peptides.  
Biochemistry (Wash) 9:2408-21, 9 Jun 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ BROMIDES/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*COLLAGEN, analysis/ CYANIDES/  
ELECTROPHORESIS/ ESTERS, analysis/ GEL  
FILTRATION/ GELS, analysis/  
HYDROGEN-ION CONCENTRATION/  
HYDROXYLAMINES/ IMIDES, analysis/  
MODELS, CHEMICAL/ MOLECULAR WEIGHT/  
PEPTIDES, analysis/ RATS/ TRYPSIN
665. Borochovit D, Crosley AL, Metz J: Disseminated  
intravascular coagulation with fatal haemorrhage in  
cerebral malaria. Brit Med J 2:710, 20 Jun 70  
ADULT/ BLOOD COAGULATION TESTS/  
\*BRAIN DISEASES, etiology/ \*HEMORRHAGE,  
etiology/ HUMAN/ \*MALARIA, complications/  
MALE
666. Boros G, Romhányi M, Horváth A, et al:  
Kasabach-Merritt-szindrómá felnőttekben alakja.  
Orv Hetil 111:1998-2004, 23 Aug 70 (Hun)  
FEMALE/ \*HEMANGIOMA, complications/  
HUMAN/ MIDDLE AGE/ \*PURPURA,  
THROMBOPENIC, complications/ \*SKIN  
NEOPLASMS, complications
667. Borovkov SA: O khirurgicheskoy lechenii  
troficheskikh iazv nizhnikh konechnostei.  
Khirurgiya (Moskva) 45:100-4, May 69 (Rus)  
ANTIBIOTICS, administration & dosage/  
ENGLISH ABSTRACT/ HEMOSTASIS/  
HUMAN/ INJECTIONS, INTRA-ARTERIAL/  
\*LEG ULCER, surgery/ PROGNOSIS/  
SAPHENOUS VEIN, surgery/ SKIN,  
transplantation/ SUTURE TECHNIQUES/ TIME  
FACTORS
668. Borresen HC, Coran AG, Knutrud O: Metabolic results  
of parenteral feeding in neonatal surgery: a balanced  
parenteral feeding program based on a synthetic  
l-amino acid solution and a commercial fat emulsion.  
Ann Surg 172:291-301, Aug 70  
AMINO ACIDS, pharmacodynamics/ CALCIUM,  
metabolism/ EMULSIONS/ HEPARIN,  
pharmacodynamics/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES,  
surgery/ \*INFANT NUTRITION/ INFANT,  
PREMATURITY, DISEASES, surgery/  
\*INFUSIONS, PARENTERAL/ MAGNESIUM,  
metabolism/ MALE/ NITROGEN, metabolism/  
OILS, pharmacodynamics/ PHOSPHORUS,  
metabolism/ POSTOPERATIVE  
COMPLICATIONS/ POTASSIUM, metabolism/  
PREGNANCY/ PROTEINS, biosynthesis/  
SODIUM, metabolism/ TRIGLYCERIDES,  
metabolism
669. Bory M, Djiane P, Poggi L, et al: Evolution du caillot  
dans l'embolie pulmonaire aigue chez l'homme.  
Constatations angiographiques et hémodynamiques.  
Presse Med 78:110, 17 Jan 70 (Fre)  
ACUTE DISEASE/ ANGIOGRAPHY/  
FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, therapeutic use/ HUMAN/  
\*PULMONARY CIRCULATION/ PULMONARY  
EMBOLISM, complications/ PULMONARY  
EMBOLISM, drug therapy/ \*PULMONARY  
EMBOLISM, physiopathology/ \*PULMONARY  
EMBOLISM, radiography
670. Bosch Marin J: La Humanae vitae vista por un médico.  
An Acad Nac Med (Madrid) 86:299-326, 1969 (Spa)  
BLOOD COAGULATION DISORDERS,  
chemically induced/ CONTRACEPTIVES,  
ORAL, adverse effects/ DEMOGRAPHY/  
INTERNATIONAL AGENCIES/ \*POPULATION  
CONTROL/ RELIGION AND MEDICINE
671. Bostedt H, Brummer HP: Versuche zur Verhütung  
intraabdomineller Adhäsionen nach  
geburtshilflichen Laparotomien beim Rind mit Hilfe  
von Polyvinylpyrrolidon.  
Berlin Munchen Tierärztl Wochr 82:429-32, 15 Nov 69  
(Ger)  
ADHESIONS, prevention & control/  
\*ADHESIONS, veterinary/ CATTLE/ \*CATTLE  
DISEASES, prevention & control/ \*CESAREAN  
SECTION, veterinary/ ENGLISH ABSTRACT/  
FEMALE/ \*POLYVINYLPIRROLIDONE,  
therapeutic use/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
POSTOPERATIVE COMPLICATIONS,  
veterinary/ PREGNANCY/ \*UTERINE  
DISEASES, prevention & control/ \*UTERINE  
DISEASES, veterinary
672. Bösze P, Volosin A: Császármetszés után kialakult  
conservatív (fibrinolytikus és anticoaguláns)  
kezeléssel gyógyult phlegmasia coerulea dolens  
Orv Hetil 111:448-50, 22 Feb 70 (Hun)  
ADULT/ ANTICOAGULANTS, therapeutic use/  
\*CESAREAN SECTION, adverse effects/  
FEMALE/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ LEG, blood supply/  
POSTOPERATIVE COMPLICATIONS/  
PUERPERAL DISORDERS/  
THROMBOPHLEBITIS, drug therapy/  
\*THROMBOPHLEBITIS, etiology
673. Böttger G, Vorster C: Die postoperative  
Bauchwandruptur. Chirurg 40:80-5, Feb 69 (Ge)  
\*ABDOMINAL WALL, surgery/ BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD PROTEIN DISORDERS, complications/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ LAPAROTOMY, adverse  
effects/ MALE/ MIDDLE AGE/ NEOPLASMS,  
complications/ \*SURGICAL WOUND  
DEHISCENCE/ SURGICAL WOUND  
DEHISCENCE, diagnosis/ SURGICAL WOUND



## AUTHOR SECTION

- DEHISCENCE, etiology/ SURGICAL WOUND  
DEHISCENCE, occurrence/ SURGICAL  
WOUND DEHISCENCE, prevention & control
674. Böttiger LE: Antikoagulansbehandling vid hjärtinfarkt-ett evigt dilemma?  
Lakartidningen 67:3741-7, 19 Aug 70 (Swe)  
\*ANTICOAGULANTS, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ \*MYOCARDIAL INFARCT, drug  
therapy
675. Bouchayer M: Experimentación de un nuevo antihemorrágico ciclonamina en estomatología.  
Rev Circ Argent Odont 32:47-8, Dec 69 (Spa)  
HEMORRHAGE, ORAL, drug therapy/  
HEMOSTATICS, therapeutic use/ SPECIAL  
LIST DENTAL
676. Bouche J, Frèche C, Chaix G, et al: Indications, techniques et résultats du drainage permanent dans les otites séreuses.  
Ann Otolaryng (Paris) 88:453-5, Jul-Aug 69 (Fre)  
AUDIOMETRY/ \*DRAINAGE/ ENDOSCOPY/  
GLUCOCORTICIDS, therapeutic use/  
HUMAN/ METHODS/ OTITIS, diagnosis/  
\*OTITIS, therapy/ TRYPSIN, therapeutic use
677. Boucher R, Kuruhara H, Grisé C, et al: Conversion of angiotensin. I. Measurement of plasma angiotensin I converting enzyme activity.  
Circ Res 27:Suppl 1:83-91, Jul 70  
ADSORPTION/ ANGIOTENSIN, blood/  
ANGIOTENSIN, isolation & purification/  
\*ANGIOTENSIN, metabolism/ BIOLOGICAL  
ASSAY/ BUFFERS/ HEPARIN, administration  
& dosage/ HUMAN/ NEPHRECTOMY/  
\*PEPTIDE PEPTIDOHYDROLASES, blood/  
PHOSPHATES/ PLASMA, enzymology
678. Boudreaux HB: Choline and hemophilia.  
Bibl Haemat 34:69-72, 1970  
ANIMAL EXPERIMENTS/ \*CHOLINE,  
therapeutic use/ \*CHRISTMAS DISEASE, drug  
therapy/ DOGS/ \*HEMORRHAGE, prevention  
& control/ HUMAN/ MALE/  
THROMBELASTOGRAPHY
679. Boullin DJ, Coleman M, O'Brien RA: Defective binding of 5-HT by blood platelets from children with the trisomy 21 form of Down's syndrome.  
J Physiol (London) 204:128P+, Oct 69  
ADOLESCENCE/ \*BLOOD PLATELETS,  
metabolism/ CARBON ISOTOPES/ CHILD/  
HUMAN/ \*MONGOLISM, metabolism/  
\*SEROTONIN, metabolism/ \*TRISOMY
680. Boullin DJ, Coleman M, O'Brien RA: Abnormalities in platelet 5-hydroxytryptamine efflux in patients with infantile autism. Nature (London) 226:371-2, 25 Apr 70  
ADOLESCENCE/ \*BLOOD PLATELETS,  
metabolism/ CARBON ISOTOPES/ CHILD/  
HUMAN/ \*SCHIZOPHRENIA, CHILDHOOD,  
blood/ \*SEROTONIN, blood/ SEROTONIN,  
metabolism
681. Bounous G: "Tryptic enteritis": its role in the pathogenesis of stress ulcer and shock.  
Canad J Surg 12:397-409, Oct 69  
ACID PHOSPHATASE, blood/ ANIMAL  
EXPERIMENTS/ DOGS/ \*ENTERITIS, etiology/  
GASTRIC JUICE, analysis/ GASTRIC  
MUCOSA, pathology/ HEMODYNAMICS/  
ILEUM, pathology/ INTESTINAL MUCOSA,  
pathology/ \*MESENTERIC VASCULAR  
OCCLUSION, complications/ RNA  
NUCLEOTIDYL- TRANSFERASES, blood/  
\*SHOCK, HEMORRHAGIC, complications/  
SHOCK, HEMORRHAGIC, enzymology/ SHOCK,  
HEMORRHAGIC, etiology/ \*STOMACH ULCER,  
etiology/ \*STRESS, complications/ TRYPSIN,  
analysis/ \*TRYPSIN, physiology
682. Bounous G: Role of pancreatic secretions in uremic gastroenterocolitis. Amer J Surg 119:264-8, Mar 70  
ACID PHOSPHATASE, analysis/ ANIMAL  
EXPERIMENTS/ BLOOD UREA NITROGEN/  
DOGS/ \*ENTEROCOLITIS, ACUTE, etiology/  
ENTEROCOLITIS, ACUTE, pathology/  
GASTRIC MUCOSA, pathology/ \*GASTRITIS,  
etiology/ GASTRITIS, pathology/  
GLUCURONIDASE, analysis/ ILEUM,  
pathology/ INTESTINAL MUCOSA, pathology/  
PANCREATIC DUCTS, surgery/  
\*PANCREATIC JUICE/ \*PEPTIDE  
HYDROLASES/ TRYPSIN, analysis/ \*UREMIA,  
complications/ UREMIA, pathology
683. Bourde C: Erreur dans la conduite des traitements anticoagulants pouvant expliquer certains échecs.  
Angelologie 21:359-60, Nov-Dec 69 (Fre)  
\*ANTICOAGULANTS, adverse effects/  
\*HEPARIN, adverse effects/ HUMAN/  
MEDICATION ERRORS
684. Bourde J, Robinson LA, Suda Y, et al: Vagal stimulation. II. Its effect on pancreatic secretion in conscious dogs. Ann Surg 171:357-64, Mar 70  
\*AMYLASE, secretion/ ANIMAL  
EXPERIMENTS/ \*BICARBONATES, secretion/  
DOGS/ ELECTRIC CONDUCTIVITY/  
ELECTRIC STIMULATION/ HYDROGEN-ION  
CONCENTRATION/ \*LIPASE, secretion/  
METHODS/ OSCILLOMETRY/ \*PANCREATIC  
JUICE, secretion/ SECRETIN, diagnostic use/  
SECRETORY RATE/ SPECTROPHOTOMETRY/  
TIME FACTORS/ \*TRYPSIN, secretion/  
\*VAGUS NERVE, physiology/ VOMITING,  
etiology/ WATER, secretion
685. Bourgain RH, Kahn MJ: Essai de mise en évidence d'un anticoagulant circulant chez des sujets traités par le 5-phényl-propyl-4-hydroxycoumarine.  
Arch Int Pharmacodyn 179:483-5, Jun 69 (Fre)  
\*ANTICOAGULANTS, blood/ BLOOD  
COAGULATION TESTS/ COUMARINS,  
administration & dosage/ \*COUMARINS,  
pharmacodynamics/ ENGLISH ABSTRACT/  
HUMAN/ LIVER, metabolism/ METHODS
686. Bourrillon R, Meyer D, Parnaudeau MA: Etudes sur la structure de l'alpha 1 glycoprotéine acid. IV. Séquence en aminoacides en quelques peptides trypsiques.  
Biochim Biophys Acta 200:378-84, 17 Feb 70 (Fre)  
ALKYLATION/ AMINO ACID SEQUENCE/  
\*AMINO ACIDS, analysis/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ DEXTRAN/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
GEL FILTRATION/ \*GLYCOPROTEINS/  
GLYCOPROTEINS, analysis/ HYDROGEN-ION  
CONCENTRATION/ \*PEPTIDES/ PEPTIDES,  
analysis/ TRYPSIN
687. Boutelier P, Schonbuch C: A propos d'une rupture spontanée d'artère pancréatico-duodénale.  
J Chir (Paris) 99:417-20, Apr 70 (Fre)  
AGED/ \*ARTERIES, surgery/ CASE REPORT/  
\*DUODENUM, blood supply/ HEMOSTASIS/  
HUMAN/ MALE/ \*PANCREAS, blood supply/  
RUPTURE, SPONTANEOUS, diagnosis/  
RUPTURE, SPONTANEOUS, etiology/  
RUPTURE, SPONTANEOUS, surgery
688. Bouzarth WF: Management of head injury by industrial nurses. Industr Med Surg 39:21-2, Jan 70  
CEREBRAL HEMORRHAGE, nursing/  
CONVULSIONS, nursing/ FIRST AID/ \*HEAD  
INJURIES, nursing/ HEMOSTASIS/ HUMAN/  
\*INDUSTRIAL NURSING/ PHYSICAL  
EXAMINATION/ POSTURE/ RESPIRATION
689. Bove LG: Surgery in the hemophilic.  
J Maine Med Ass 60:202-4, Sep 69  
BLOOD COAGULATION FACTORS/ BLOOD  
TRANSFUSION/ \*HEMOPHILIA/  
HEMOPHILIA, therapy/ HUMAN/ \*SURGERY,  
OPERATIVE, adverse effects
690. Boven CP van, Verhoef J, Winkler KC: Bacteriophage typing of coagulase-negative staphylococci.  
Antonie Leeuwenhoek 35:232, 1969  
\*BACTERIOPHAGE TYPING/ \*COAGULASE,  
metabolism/ \*STAPHYLOCOCCUS,  
classification/ STAPHYLOCOCCUS, enzymology
691. Bowen P, Lee CS, Shea DR, et al: Polydactyly and other minor stigmata associated with 46,XX-47,XX,D+ mosaicism. Canad Med Ass J 102:49-51, 17 Jan 70



## AUTHOR SECTION

- \*ABNORMALITIES, MULTIPLE/ FACE/  
FINGERS, abnormalities/ HEMANGIOMA/  
HUMAN/ INFANT, NEWBORN/ \*MOSAICISM/  
SKIN, cytology/ TISSUE CULTURE/ TOES,  
abnormalities/ \*TRISOMY
692. Bowerman JE, Rowe NL: Haemangiomas involving the submandibular salivary gland. Brit J Oral Surg 7:196-201, Mar 70  
ADOLESCENCE/ CASE REPORT/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS/ HUMAN/  
\*SALIVARY GLAND NEOPLASMS/  
\*SUBMANDIBULAR GLAND
693. Bowes JB: Anaesthetic management of haemothorax and haemoptysis due to von Willebrand's disease. A case report. Brit J Anaesth 41:894-7, Oct 69  
ADULT/ \*ANESTHESIA, GENERAL/ FACTOR  
VIII, analysis/ FEMALE/ \*HEMOPTYSIS/  
HEMOPTYSIS, etiology/ HEMORRHAGE,  
prevention & control/ HEMOTHORAX,  
etiology/ \*HEMOTHORAX, surgery/ HUMAN/  
INTUBATION, INTRATRACHEAL/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ PREOPERATIVE CARE/  
\*VON WILLEBRAND'S DISEASE, complications
694. Bowes JB, Terblanche J, Peacock JH, et al: Anaesthesia for liver transplantation in the pig. Res Vet Sci 10:569-73, Nov 69  
ACIDOSIS, drug therapy/ \*ANESTHESIA,  
GENERAL, veterinary/ ANIMAL  
EXPERIMENTS/ BICARBONATES, therapeutic  
use/ BLOOD PRESSURE/ BLOOD  
TRANSFUSION/ HALOTHANE/  
HEMORRHAGE, prevention & control/  
HEPARIN, therapeutic use/ INTUBATION,  
INTRATRACHEAL/ \*LIVER, transplantation/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ \*SWINE/ TIME  
FACTORS/ TRANSPLANTATION,  
AUTOLOGOUS
695. Bowie EJ, Maldonado E, Brown AL, et al: Intravascular coagulation in systemic amyloidosis. Thromb Diath Haemorrh 36:Suppl 36:305+, 1969  
ADRENAL GLANDS, pathology/ AEROBACTER  
AEROGENES, isolation & purification/ AGED/  
\*AMYLOIDOSIS, complications/ AMYLOIDOSIS,  
diagnosis/ ANEMIA, HEMOLYTIC,  
complications/ ANTIBIOTICS, therapeutic use/  
AUTOPSY/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION DISORDERS, drug therapy/  
BLOOD COAGULATION TESTS/ BLOOD  
TRANSFUSION/ DEXTRAN, therapeutic use/  
ESTROGENIC SUBSTANCES, CONJUGATED,  
therapeutic use/ HEART DISEASES,  
complications/ HEPARIN, therapeutic use/  
HEPATITIS, HOMOLOGOUS SERUM,  
complications/ HEPATITIS, HOMOLOGOUS  
SERUM, mortality/ HUMAN/ HYPOTENSION,  
drug therapy/ INTESTINAL PERFORATION,  
surgery/ JEJUNUM, surgery/ KIDNEY,  
pathology/ KIDNEY FAILURE, ACUTE,  
complications/ LIVER, pathology/ LIVER  
CIRRHOSIS, POSTNECROTIC, complications/  
MALE/ MELENA, etiology/ MYOCARDIUM,  
pathology/ PANCREAS, pathology/  
PARATHYROID GLANDS, pathology/  
PREDNISONE, therapeutic use/ PURPURA,  
etiology/ SPLEEN, pathology/ SPLENIC  
ARTERY/ STEROIDS, therapeutic use/  
THROMBOSIS, complications/ URINE,  
microbiology
696. Bowie EJ, Owen CA Jr, Hagedorn AB: The diagnosis and management of unusual bleeding in the surgical patient. Surg Clin N Amer 49:1161-70, Oct 69  
BLOOD COAGULATION TESTS/ BLOOD  
PLATELET DISORDERS, diagnosis/ BLOOD  
PLATELET DISORDERS, therapy/  
EXTRACORPOREAL CIRCULATION, adverse  
effects/ HEMOPHILIA, diagnosis/  
HEMOPHILIA, therapy/ \*HEMORRHAGIC  
DIATHESIS, diagnosis/ \*HEMORRHAGIC  
DIATHESIS, therapy/ HUMAN/  
\*POSTOPERATIVE COMPLICATIONS/  
PREOPERATIVE CARE/ SHOCK,  
HEMORRHAGIC, prevention & control/  
THROMBOPENIA, diagnosis/ THROMBOPENIA,  
therapy/ VITAMIN K DEFICIENCY, diagnosis/  
VITAMIN K DEFICIENCY, therapy/ VON  
WILLEBRAND'S DISEASE, diagnosis/ VON  
WILLEBRAND'S DISEASE, therapy
697. Bowie EJ, Owen CA Jr: Aspirin, platelets, and bleeding. Circulation 40:757-60, Nov 69  
ADENINE NUCLEOTIDES, metabolism/  
ASPIRIN, adverse effects/ \*ASPIRIN,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ \*BLOOD PLATELETS, drug  
effects/ HEMORRHAGE, GASTROINTESTINAL,  
chemically induced/ \*HEMOSTASIS/ HUMAN/  
PROTHROMBIN TIME
698. Bowie EJ, Owen CA Jr: Evaluation of the hemostatic mechanism. Med Clin N Amer 54:889-902, Jul 70  
BLOOD CELL COUNT/ BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS/  
CAPILLARY FRAGILITY/ CLOT  
RETRACTION/ FIBRINOLYSIS/  
\*HEMORRHAGIC DIATHESIS, diagnosis/  
HUMAN/ PLATELET ADHESIVENESS/  
PROTHROMBIN TIME
699. Bowie EJ, Owen CA Jr: Aspirin, platelets, and bleeding. Circulation 40:757-60, Dec 69  
ADENINE NUCLEOTIDES, metabolism/  
ANIMAL EXPERIMENTS/ \*ASPIRIN, adverse  
effects/ \*BLOOD PLATELETS, drug effects/  
BLOOD PLATELETS, metabolism/  
\*HEMORRHAGE, chemically induced/  
HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ RATS
700. Bowman BH: Composition and subunit structure of the inherited group-specific protein of human serum. Biochemistry (Wash) 8:4327-35, Nov 69  
AMINO ACIDS, analysis/ ANTIGENS/ \*BLOOD  
GROUPS/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD PROTEINS/  
BLOOD PROTEINS, analysis/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
ELECTROPHORESIS/ EVOLUTION/ GEL  
FILTRATION/ \*GENES, STRUCTURAL/  
HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ ISOLEUCINE/  
LEUCINE/ METHODS/ MOLECULAR  
WEIGHT/ PEPTIDES, analysis/ RABBITS/  
SERUM ALBUMIN/ SULFIDES, analysis/  
TRYPSIN
701. Box TR: I. The hematological complications of commonly prescribed drugs. Appl Ther 11:477-80, Sep 69  
BLOOD CELLS, drug effects/ BLOOD  
PLATELETS, drug effects/ \*DRUG THERAPY  
adverse effects/ \*HEMATOLOGIC DISEASES,  
chemically induced/ HUMAN
702. Box TR: The hematological complications of commonly prescribed drugs. Mechanism of action. Appl Ther 11:543-9, Oct 69  
AGRANULOCYTOSIS, chemically induced/  
ANEMIA, APLASTIC, chemically induced/  
ANEMIA, HEMOLYTIC, chemically induced/  
BLOOD PLATELET DISORDERS, chemically  
induced/ \*DRUG THERAPY, adverse effects/  
\*HEMATOLOGIC DISEASES, chemically  
induced/ HEMATOLOGIC DISEASES,  
immunology/ PHARMACOLOGY
703. Boyd JF: Disseminated fibrin thromboembolism among neonates dying more than 48 hours after birth. J Clin Path 22:663-71, Nov 69  
ADRENAL GLANDS, pathology/ AUTOPSY/  
ESOPHAGUS, pathology/ FIBRIN, analysis/  
HUMAN/ INFANT, NEWBORN/ \*INFANT,  
NEWBORN, DISEASES, mortality/ INTESTIN  
SMALL, pathology/ LIVER, pathology/  
PITUITARY GLAND, pathology/ PULMONAR  
VEINS, pathology/ RENAL VEINS, pathology/  
STOMACH, pathology/ THROMBOEMBOLISM,  
complications/ \*THROMBOEMBOLISM,  
mortality/ THROMBOEMBOLISM, pathology/  
TIME FACTORS
704. Boyden DG: Cannula for introducing



# AUTHOR SECTION

- alpha-chymotrypsin into posterior chamber.  
Amer J Ophthal 69:1082, Jun 70  
ANTERIOR CHAMBER/ \*CHYMOTRYPSIN,  
administration & dosage/ HUMAN/ IRIS,  
surgery/ \*LENS, CRYSTALLINE, surgery/  
\*SURGICAL INSTRUMENTS
705. Boyer JL, Scheig RL: Inhibition of postheparin lipolytic activity in uremia and its relationship to hypertriglyceridemia.  
Proc Soc Exp Biol Med 134:603-5, Jul 70  
ELECTROPHORESIS/ HEMODIALYSIS/  
HEPARIN, pharmacodynamics/ HUMAN/  
\*HYPERLIPEMIA, etiology/ KIDNEY  
FAILURE, CHRONIC, complications/ \*KIDNEY  
FAILURE, CHRONIC, metabolism/  
\*LIPOPROTEIN LIPASE, antagonists &  
inhibitors/ LIPOPROTEIN LIPASE, blood/  
\*TRIGLYCERIDES, blood/ UREMIA,  
metabolism
706. Boyer SH, Crosby EF, Fuller GL, et al: The structure and biosynthesis of hemoglobins A and A2 in the new world primate Ateles paniscus: a preliminary account.  
Ann NY Acad Sci 165:380-77, 20 Nov 69  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ CARBON ISOTOPES/  
CHROMATOGRAPHY/ \*HEMOGLOBIN,  
biosynthesis/ LEUCINE, metabolism/ LYSINE,  
metabolism/ MERCAPTOETHANOL/  
MONKEYS/ MUTATION/ PEPTIDES, analysis/  
TRITIUM/ TRYPSIN
707. Boyett JD, Sullivan JF, Della Rocca RC:  
Hyperfibrinolysis in cirrhosis.  
Nebraska Med J 55:230-6, Apr 70  
\*FIBRINOLYSIS/ HEMORRHAGE,  
GASTROINTESTINAL/ HUMAN/ \*LIVER  
CIRRHOSIS/ PROTHROMBIN TIME/ SERUM  
GLOBULINS/ THROMBOPLASTIN, analysis
708. Boyles PW: Correlation of prothrombin time tests with hemorrhage and thromboembolism in patients under long-term anticoagulant therapy.  
Clin Pharmacol Ther 11:251-9, Mar-Apr 70  
BLOOD COAGULATION, drug effects/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ COMPARATIVE  
STUDY/ \*HEMORRHAGE, occurrence/  
HUMAN/ MYOCARDIAL INFARCT,  
occurrence/ \*PROTHROMBIN TIME/  
\*THROMBOEMBOLISM, occurrence/  
\*THROMBOPLASTIN, pharmacodynamics/  
\*WARFARIN, administration & dosage
709. Braasch D, Oppen U von: Red cell flexibility and electrical resistance of blood centrifuged at low g-values. Pflueger Arch 317:228-35, 1970  
BLOOD VISCOSITY/ \*CELL MOVEMENT/  
\*CENTRIFUGATION/ COUNTERCURRENT  
DISTRIBUTION/ \*ERYTHROCYTES/  
\*GRAVITATION/ HEMATOCRIT/ RHEOLOGY/  
SURFACE-ACTIVE AGENTS
710. Bradford DS, Foster RR, Nessel HL: Coagulation alterations, hypoxemia, and fat embolism in fracture patients. J Trauma 10:307-21, Apr 70  
ADULT/ AGED/ \*ANOXEMIA/ \*BLOOD  
COAGULATION DISORDERS/ BLOOD GAS  
ANALYSIS/ BLOOD PLATELETS/ BLOOD  
TRANSFUSION/ CELL AGGREGATION/  
CEREBRAL EMBOLISM AND THROMBOSIS,  
etiology/ \*EMBOLISM, FAT, etiology/  
FACTOR V/ FACTOR VIII/ FEMALE/  
\*FEMORAL FRACTURES, complications/  
FIBRINOGEN, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ MALE/  
MIDDLE AGE/ PELVIC BONES, injuries/  
PROTHROMBIN TIME/ PULMONARY  
EMBOLISM, etiology/ SHOCK, TRAUMATIC/  
THROMBOPLASTIN, secretion/ \*TIBIAL  
FRACTURES, complications
711. Bradham RR: Atraumatic iliac artery occlusion.  
Surg Gynec Obstet 129:1053, Nov 69  
\*AORTA, ABDOMINAL, surgery/ \*AORTIC  
ANEURYSM, surgery/ CATHETERIZATION/  
HEPARIN, therapeutic use/ HUMAN/ \*ILIAC  
ARTERY, surgery/ METHODS/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ THROMBOEMBOLISM,  
prevention & control
712. Bradshaw RA, Neurath H, Tye RW, et al: Comparison of the partial amino-acid sequence of dogfish trypsinogen with bovine trypsinogen.  
Nature (London) 226:237-9, 18 Apr 70  
ALANINE/ \*AMINO ACID SEQUENCE/  
ASPARTIC ACID/ \*CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CYSTINE/ EVOLUTION/ PEPSIN/ PEPTIDES,  
analysis/ \*SHARKS/ \*SPECIES SPECIFICITY/  
TRYPSIN/ \*TRYPSINOGEN, analysis/ VALINE
713. Bradshaw RA, Peters T Jr: The amino acid sequence of peptide (1-24) of rat and human serum albumins.  
J Biol Chem 244:5582-9, 25 Oct 69  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/  
CARBOXYPEPTIDASES/ CATTLE/  
CHEMISTRY/ ELECTROPHORESIS/ GEL  
FILTRATION/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ LEUCINE  
AMINOPEPTIDASE/ METHODS/ PEPSIN/  
\*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES,  
isolation & purification/ RATS/ \*SERUM  
ALBUMIN/ SERUM ALBUMIN, analysis/  
SERUM ALBUMIN, BOVINE/ SPECIES  
SPECIFICITY/ TRYPSIN
714. Brahme F, Swedenborg J, Tibell B: Evaluation of transluminal recanalisation of the femoral artery.  
Acta Chir Scand 135:679-84, 1969  
AGED/ ANGIOGRAPHY/ ANTICOAGULANTS,  
therapeutic use/ ARTERIOSCLEROSIS,  
surgery/ \*ARTERIOSCLEROSIS OBLITERANS,  
surgery/ \*CATHETERIZATION/ DIABETIC  
ANGIOPATHIES, surgery/ EMBOLISM,  
surgery/ \*FEMORAL ARTERY, surgery/  
HEMATOMA, chemically induced/  
HEMATOMA, prevention & control/ HUMAN/  
\*INTERMITTENT CLAUDICATION, surgery/  
MIDDLE AGE/ POSTOPERATIVE CARE/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ THROMBOANGIITIS  
OBLITERANS, surgery/ THROMBOSIS,  
prevention & control
715. Brain MC: Microangiopathic hemolytic anemia.  
Ann Rev Med 21:133-44, 1970 (83 ref.)  
\*ANEMIA, HEMOLYTIC/ ANEMIA,  
HEMOLYTIC, etiology/ BLOOD  
COAGULATION DISORDERS, complications/  
FEMALE/ HEMANGIOMA, CAVERNOUS,  
etiology/ HUMAN/ HYPERTENSION,  
MALIGNANT, etiology/ KIDNEY, pathology/  
MODELS, BIOLOGIC/ NEOPLASMS,  
complications/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/ PURPURA,  
etiology/ \*PURPURA, THROMBOTIC  
THROMBOPENIC/ PURPURA, THROMBOTIC  
THROMBOPENIC, etiology/ REVIEW/  
TRANSPLANTATION, HOMOLOGOUS/  
UREMIA, etiology
716. Brain MC, Azzopardi JG, Baker LR, et al: Microangiopathic haemolytic anaemia and mucin-forming adenocarcinoma.  
Brit J Haemat 18:183-93, Feb 70  
\*ADENOCARCINOMA, complications/ ADULT/  
AGED/ \*ANEMIA, HEMOLYTIC, etiology/  
BREAST NEOPLASMS, complications/  
FEMALE/ FIBRINOGEN, metabolism/  
HUMAN/ LUNG NEOPLASMS, complications/  
MALE/ MIDDLE AGE/ \*MUCIN, secretion/  
NEOPLASM METASTASIS/ STOMACH  
NEOPLASMS, complications/ THROMBOPENIA,  
etiology/ THROMBOSIS, etiology
717. Brakman P, Snyder J, Henderson ES, et al: Blood coagulation and fibrinolysis in acute leukaemia.  
Brit J Haemat 18:135-45, Feb 70  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION/ CHILD/ FACTOR V,  
analysis/ FACTOR VIII, analysis/ FEMALE/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
\*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/  
HEMORRHAGE, etiology/ HUMAN/  
\*LEUKEMIA, blood/ LEUKEMIA,  
complications/ LEUKEMIA, LYMPHOBLASTIC,



# AUTHOR SECTION

- blood/ LEUKEMIA, MONOBLASTIC, blood/  
LEUKEMIA, MYELOBLASTIC, blood/ MALE/  
MIDDLE AGE/ PLASMINOGEN, analysis/  
SERUM GLOBULINS, analysis
718. Brakman P, Sobrero AJ, Astrup T: Effects of different systemic contraceptives on blood fibrinolysis. *Amer J Obstet Gynec* 106:187-92, 15 Jan 70  
ADULT/ BLOOD COAGULATION TESTS/  
COMPARATIVE STUDY/ \*CONTRACEPTIVES,  
ORAL, adverse effects/  
DIHYDROXYPROGESTERONE, adverse effects/  
\*ESTRADIOL, adverse effects/ \*ETHINYL  
ESTRADIOL, adverse effects/ \*ETHYNODIOL  
DIACETATE, adverse effects/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug  
effects/ HUMAN/ \*MEDROXYPROGESTERONE,  
adverse effects/ \*MESTRANOL, adverse  
effects/ MIDDLE AGE/ \*NORETHINDRONE,  
adverse effects/ \*NORETHYNODREL, adverse  
effects/ PLASMINOGEN, analysis/  
PREGNANCY/ \*PREGNANES, adverse effects/  
\*PROGESTATIONAL HORMONES, adverse  
effects
719. Brala Z: Vliv průtoku krevního na heparinísovaný povrch. *Cesk Fysiol* 18:199-201, Dec 69 (Cze)  
ANIMAL EXPERIMENTS/ \*BLOOD  
CIRCULATION, drug effects/ BLOOD  
VESSELS/ DOGS/ \*HEPARIN,  
pharmacodynamics/ HYDROGEN-ION  
CONCENTRATION/ PROSTHESIS
720. Brandborg LL, Tankersley CB, Uyeda F: "Low" versus "high" concentration chymotrypsin in gastric exfoliative cytology. *Gastroenterology* 57:500-5, Nov 69  
CHYMOTRYPSIN, analysis/ \*CHYMOTRYPSIN,  
pharmacodynamics/ COMPARATIVE STUDY/  
\*CYTODIAGNOSIS/ \*GASTRIC LAVAGE/  
HUMAN/ \*STOMACH NEOPLASMS, diagnosis/  
STOMACH NEOPLASMS, pathology
721. Brands T: Hämangiom der Glandula parotis mit multiplen Phlebolithen. *Zbl Chir* 94:1064-7, 9 Aug 69 (Ger)  
ADOLESCENCE/ \*CALCULI, radiography/  
FEMALE/ \*HEMANGIOMA, complications/  
HEMANGIOMA, diagnosis/ HUMAN/  
\*PAROTID NEOPLASMS, complications/  
PAROTID NEOPLASMS, diagnosis/  
\*VASCULAR DISEASES, radiography/ VEINS
722. Brands T, Schnepfer E, Hartung W, et al: Hämangioepithelium des Os pubis dexter mit Skelettdstruktion. *Bruns Beitr Klin Chir* 217:377-83, Jun 69 (Ger)  
ADOLESCENCE/ AORTOGRAPHY/ \*BONE  
NEOPLASMS, diagnosis/ BONE NEOPLASMS,  
pathology/ BONE NEOPLASMS, radiography/  
BONE NEOPLASMS, therapy/ ENGLISH  
ABSTRACT/ \*HEMANGIOEPICYTOMA,  
diagnosis/ HEMANGIOEPICYTOMA,  
pathology/ HEMANGIOEPICYTOMA,  
radiography/ HEMANGIOEPICYTOMA,  
therapy/ HUMAN/ MALE/ PROGNOSIS/  
\*PUBIC BONE/ UROGRAPHY
723. Bränemark PI, Ekholm R, Lundskog J: Tissue response to chymopapain in different concentrations. Animal investigations on microvascular effects. *Clin Orthop* 87:52-67, Nov-Dec 69  
ANIMAL EXPERIMENTS/ BACKACHE, drug  
therapy/ BACKACHE, etiology/ \*BLOOD  
VESSELS, drug effects/ CHEEK, drug effects/  
CHEEK, pathology/ EAR, blood supply/ EAR,  
drug effects/ HAMSTERS/ HUMAN/  
INJECTIONS/ INTERVERTEBRAL DISK, blood  
supply/ INTERVERTEBRAL DISK, drug  
effects/ LUMBAR VERTEBRAE, drug effects/  
MESENTERIC ARTERIES, drug effects/  
MICRORADIOGRAPHY/ MICROSCOPY,  
ELECTRON/ NERVE TISSUE, drug effects/  
PEPTIDE PEPTIDOHYDROLASES,  
administration & dosage/ \*PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
PERIPHERAL NERVES, drug effects/  
RABBITS/ SCIATICA, drug therapy/  
SCIATICA, etiology/ SPINAL DISEASES,  
complications/ SPINAL DISEASES, drug  
therapy/ THERMOGRAPHY
724. Brantigan JW, Gott VL, Vestal ML, et al: A nonthrombogenic diffusion membrane for continuous in vivo measurement of blood gases by mass spectrometry. *J Appl Physiol* 28:374-7, Mar 70  
BLOOD COAGULATION/ BLOOD  
COAGULATION, drug effects/ \*BLOOD GAS  
ANALYSIS, instrumentation/  
CATHETERIZATION/ DIFFUSION/ HEPARIN,  
pharmacodynamics/ \*MEMBRANES,  
ARTIFICIAL/ SILICONES/ \*SPECTRUM  
ANALYSIS
725. Bratu M, Dower JC, Siegel B, et al: Jejunal hematoma, child abuse, and Feison's sign. *Conn Med* 34:261-4, Apr 70  
\*CHILD ABUSE/ CHILD, PRESCHOOL/  
FEMALE/ \*HEMATOMA/ HUMAN/ INFANT/  
INTESTINAL OBSTRUCTION, etiology/  
JEJUNUM, injuries/ MALE
726. Braun H, Nadjmi M, Nippert M: Retrograde Brachialisangiographie und ihre hämodynamischen Aspekte. *Radiologe* 9:13-5, Jan 69 (Ger)  
BLOOD PRESSURE/ \*BRACHIAL ARTERY,  
radiography/ BRAIN NEOPLASMS,  
radiography/ CAROTID ARTERIES,  
radiography/ DIATRIZOATE, diagnostic use/  
FEMALE/ HEMANGIOMA, radiography/  
\*HEMODYNAMICS/ HUMAN/ METHODS/  
MIDDLE AGE/ PULSE/ TECHNOLOGY,  
RADIOLOGIC/ TEMPERATURE/ VASCULAR  
RESISTANCE
727. Braun V, Rehn K: Chemical characterization, spatial distribution and function of a lipoprotein (murein-lipoprotein) of the E. coli cell wall. The specific effect of trypsin on the membrane structure. *Europ J Biochem* 10:426-38, Oct 69  
AMINES/ AMINO ACIDS, analysis/  
AUTOANALYSIS/ CELL MEMBRANE/ \*CELL  
WALL/ CELL WALL, analysis/ CHEMISTRY/  
\*ESCHERICHIA COLI/ ESCHERICHIA COLI,  
analysis/ ESCHERICHIA COLI, cytology/  
LIPIDS, isolation & purification/  
\*LIPOPROTEINS/ LIPOPROTEINS, analysis/  
LYSINE, analysis/ METHODS/ MICROSCOPY,  
ELECTRON/ NAPHTHALENES/ \*PEPTIDES/  
PEPTIDES, analysis/ \*POLYSACCHARIDES/  
POLYSACCHARIDES, analysis/  
SPECTROPHOTOMETRY/ SULFONIC ACIDS/  
\*TRYPSIN
728. Braun V, Sieglin U: The covalent murein-lipoprotein structure of the Escherichia coli cell wall. The attachment site of the lipoprotein on the murein. *Europ J Biochem* 13:336-46, Apr 70  
AMINO ACIDS, analysis/ ARGinine/  
CARBOXYPEPTIDASES/ CATTLE/ CELL  
WALL, analysis/ CHEMISTRY/ \*ESCHERICHIA  
COLI, analysis/ HYDROGEN-ION  
CONCENTRATION/ \*LIPOPROTEINS/  
LIPOPROTEINS, analysis/ LIPOPROTEINS,  
isolation & purification/ LYSINE/ METHODS/  
MODELS, STRUCTURAL/  
MUCOPOLYSACCHARIDES/ PANCREAS,  
enzymology/ PEPTIDE HYDROLASES/  
\*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES,  
isolation & purification/ PIMELIC ACID,  
analysis/ \*POLYSACCHARIDES, BACTERIAL/  
POLYSACCHARIDES, BACTERIAL, analysis/  
POLYSACCHARIDES, BACTERIAL, isolation &  
purification/ STREPTOMYCES, enzymology/  
SULFONIC ACIDS/ TIME FACTORS/  
TRYPSIN
729. Braun-Vallon S, Blanck MF: Essais d'un nouveau hémostatique angio-protecteur non coagulant et ophtalmologie. *Arch Ophtal (Paris)* 29:865-8, Dec 69 (Fre)  
ADULT/ CHILD/ \*EYE DISEASES, surgery/  
FEMALE/ \*HEMORRHAGE, drug therapy/  
HEMOSTATICS, administration & dosage/  
HEMOSTATICS, adverse effects/ HUMAN/  
MALE/ \*NAPHTHUQUINONES, administration  
& dosage/ PERFUSION/ PREOPERATIVE  
CARE/ \*SEMICARBAZIDES, administration &  
dosage



# AUTHOR SECTION

730. Bray B, Dehorne M, Guimbretière J: Allergies médicamenteuses et leucémies. Etude préliminaire. Rev Franc Transfus 12:Suppl:403-6, 1969 (Fre)  
AGED/ AMINOPYRINE/ ANALGESICS AND ANTIPYRETICS/ ANTIBIOTICS, therapeutic use/ \*ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ ASPIRIN/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ BONE MARROW EXAMINATION/ \*DRUG HYPERSENSITIVITY, complications/ ERYTHROCYTES, immunology/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ HUMAN/ \*LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, immunology/ MALE/ PURPURA, etiology/ QUININE/ SEPTICEMIA, microbiology/ SEPTICEMIA, mortality/ STREPTOMYCIN/ TUBERCULOSIS, drug therapy
731. Brecht K, Nguyen-Duong H, Fischer R, et al: Über die Wirkung von Trasylol und anderen vasoaktiven Substanzen auf isolierte Arterien und Venen. Aertzl Forsch 24:86-92, 10 Mar 70 (Ger)  
ANIMAL EXPERIMENTS/ ARTERIES, drug effects/ \*BLOOD VESSELS, drug effects/ CATTLE/ ENGLISH ABSTRACT/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ POTASSIUM, pharmacodynamics/ VASOCONSTRICTOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, pharmacodynamics/ VEINS, drug effects
732. Breckenridge A, Orme ML, Davies DS, et al: Induction of drug metabolizing enzymes in man and rat by dichloralphenazone. Clin Sci 37:565, Oct 69  
ANIMAL EXPERIMENTS/ \*ANTIPYRINE, pharmacodynamics/ \*CHLORAL HYDRATE, pharmacodynamics/ \*ENZYME INDUCTION/ HUMAN/ IN VITRO/ MICROSOMES, LIVER, metabolism/ PENTOBARBITAL, metabolism/ RATS/ WARFARIN, blood/ WARFARIN, therapeutic use
733. Breddin K: Die Hemmung der Thrombozytenaggregation in vitro und in vivo. Foila Haemat (Lpz) 92:460-9, 1969 (Ger)  
ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARACHIDONIC ACID, pharmacodynamics/ ASPIRIN, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ DIPYRIDAMOLE, pharmacodynamics/ FATTY ACIDS, ESSENTIAL, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GENTISATES, pharmacodynamics/ HUMAN/ IN VITRO/ IODOACETATES, pharmacodynamics/ NICOTINIC ACID, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ SODIUM, pharmacodynamics/ \*THROMBOSIS, prevention & control/ VASODILATOR AGENTS, pharmacodynamics
734. Breed WP, Hooff JP van, Haanen C: A comparative study concerning the stability of the anticoagulant effect of acenocoumarol and phenprocoumon. Acta Med Scand 186:283-8, Oct 69  
\*ACENOCOUMAROL, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ CORONARY DISEASE, drug therapy/ \*COUMARINS, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, prevention & control
735. Brenda E, De Santis L, Fabris U, et al: Comportamento di alcune fasi della coagulazione del sangue in condizioni di ipotermia. Boll Soc Ital Biol Sper 46:282-4, 31 Mar 70 (Ita)  
ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ \*COLD/ HUMAN/ \*HYPOTHERMIA, INDUCED/ \*IMMERSION/ MALE
736. Brendler SJ, Selverstone B: Recovery from decerebration. Brain 93:381-92, 1970  
ADOLESCENCE/ ADULT/ AGED/ ASTROCYTOMA, complications/ BRAIN ABSCESS, complications/ BRAIN NEOPLASMS, complications/ CEREBRAL ANEURYSM, complications/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ COMA/ DECEREBRATE STATE, drug therapy/ DECEREBRATE STATE, etiology/ DECEREBRATE STATE, surgery/ \*DECEREBRATE STATE, therapy/ FEMALE/ HEART ARREST, complications/ HEMATOMA, complications/ HEMATOMA, EPIDURAL, complications/ HEMATOMA, SUBDURAL, complications/ HUMAN/ MALE/ MENINGIOMA, complications/ MIDDLE AGE/ PUPIL/ REFLEX, ABNORMAL/ REFLEX, TENDON/ RESPIRATION/ SPASM
737. Brennan FJ, Parker JO: Check valve airway obstruction by blood clot. Canad Med Ass J 102:630-1, 28 Mar 70  
BLOOD COAGULATION/ \*BRONCHIAL DISEASES, etiology/ BRONCHOGRAPHY/ CASE REPORT/ HEMOPTYSIS, etiology/ \*HEMORRHAGE, complications/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE STENOSIS, diagnosis/ RHEUMATIC HEART DISEASE, complications
738. Brentjens JR, Feltkamp-Vroom TM, Tiddens HA, et al: Localization of plasma proteins in kidneys of children with diffuse nephropathies, studied by an indirect immunofluorescent technique. Acta Paediat Scand 58:374-84, Jul 69  
ADOLESCENCE/ ADULT/ \*BASEMENT MEMBRANE, pathology/ BIOPSY/ \*BLOOD PROTEINS, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT/ FEMALE/ FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 19S/ HEMATURIA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ KIDNEY DISEASES, familial & genetic/ \*KIDNEY DISEASES, pathology/ \*KIDNEY GLOMERULUS, pathology/ MALE/ METHODS/ NEPHROSIS, pathology/ PRECIPITATION/ PROTEINURIA, pathology/ PURPURA, pathology/ SERUM ALBUMIN
739. Breschi F, Calzolari L, Caroli G: La "sindrome pallore-ipertermia postoperatoria". A proposito di tre osservazioni. Minerva Med 60:4209-21, 24 Oct 69 (Ita)  
ANESTHESIA, GENERAL/ ARM/ AUTONOMIC DYSFUNCTION/ BODY TEMPERATURE REGULATION/ CHILD, PRESCHOOL/ CLEFT LIP, surgery/ ECHINOCOCCOSIS, HEPATIC, surgery/ ENGLISH ABSTRACT/ FEMALE/ \*FEVER/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ INFANT/ INTUBATION, INTRATRACHEAL/ MALE/ \*PALLOR/ \*POSTOPERATIVE COMPLICATIONS/ \*RESPIRATORY INSUFFICIENCY
740. Bresler SE, Blinkova-Luk'ianets AA, Popov AG: Kolorimetriceskii metod opredelenia proteoliticheskoi aktivnosti v razlichnykh biologicheskikh sredakh. Lab Delo 7:406-10, 1969 (Rus)  
ANIMAL EXPERIMENTS/ COLORIMETRY/ HORSES/ \*PEPTIDE HYDROLASES, blood/ RABBITS
741. Bresler SE, Glazunova EA, Popov AG, et al: O konformatsionnoi stabil'nosti tripsina pri vzaimodeistvii s fosfolipidami. Biokhimiia 34:969-74, Sep-Oct 69 (Rus)  
ACETIC ACIDS/ AMIDOHYDROLASES/ DRUG STABILITY/ EGG YOLK/ ENGLISH ABSTRACT/ ESTERASES/ GLYCERIN/ HEAT/ PHOSPHATES/ \*PHOSPHOLIPIDS/ PRECIPITATION/ PROTEIN DENATURATION/ \*TRYPSIN
742. Bresson ML, Cattani A, Hayat M: The effect of agents altering haemostasis on the evolution of tumours in mice. Rev Europ Etud Clin Biol 15:442-3, Apr 70  
\*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTITHROMBIN, pharmacodynamics/ CALCIUM/



# AUTHOR SECTION

- \*FIBRINOLYSIN, antagonists & inhibitors/  
\*FIBRINOLYTIC AGENTS, pharmacodynamics/  
HEMOSTASIS/ \*HEPARIN, pharmacodynamics/  
HUMAN/ MICE/ NEOPLASM METASTASIS/  
\*NEOPLASM TRANSPLANTATION/  
PLASMINOGEN, antagonists & inhibitors
743. Bresson Y, Bellosi A: Etude préliminaire des effets d'un champ magnétique uniforme sur le sang. Bull Soc Med Afr Noire Lang Franc 14:612-4, 1969 (Fre)  
\*BLOOD VISCOSITY, radiation effects/  
ENGLISH ABSTRACT/ \*ERYTHROCYTES, radiation effects/ FEMALE/ HEMATOCRIT/ HUMAN/ \*LEUKOCYTES, radiation effects/ \*MAGNETICS/ MALE/ \*RADIATION EFFECTS
744. Brewer JM, Fairwell T, Travis J, et al: An investigation of the subunit structure of yeast enolase. Biochemistry (Wash) 9:1011-6, 17 Feb 70  
ALANINE, analysis/ AMINO ACID SEQUENCE/ ARGININE, analysis/ CHROMATOGRAPHY/ CYANIDES/ ELECTROPHORESIS, DISK/ GLYCEROPHOSPHATES/ GLYCINE, analysis/ HISTIDINE, analysis/ \*HYDRO-LYASES, analysis/ PEPTIDES, analysis/ SPECTRUM ANALYSIS/ TRYPSIN/ TRYPTOPHAN, analysis/ TYROSINE, analysis/ UREA/ \*YEASTS, enzymology
745. Briazgunov IP: Nekotorye pokazateli svertyvalushchei sistemy krovi u detei, bol'nykh revmatizmom, v dinamike. Vop Okhr Materin Dets 14:24-7, Feb 69 (Rus)  
ADOLESCENCE/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ \*RHEUMATIC FEVER, physiopathology
746. Brictoux-Grégoire S, Schyns R, Florkin M: Séquence N-terminale du trypsinogène de sanglier et phylogénie des Artiodactyles. Arch Int Physiol 77:544-5, Aug 69 (Fre)  
\*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARTIODACTYLA, classification/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ EVOLUTION/ \*SWINE/ \*TRYPSINOGEN, analysis
747. Briggs JD, Kwaan HC, Potter EV: The role of fibrinogen in renal disease. 3. Fibrinolytic and anticoagulant treatment of nephrotoxic serum nephritis in mice. J Lab Clin Med 74:715-24, Nov 69  
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ COMPLEMENT, analysis/ FIBRIN/ \*FIBRINOGEN/ \*FIBRINOLYTIC AGENTS, therapeutic use/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GLOMERULONEPHRITIS, etiology/ \*GLOMERULONEPHRITIS, immunology/ \*HEPARIN, therapeutic use/ \*IMMUNE SERUMS/ \*KIDNEY, immunology/ KIDNEY GLOMERULUS, pathology/ MICE/ NEPHRITIS, drug therapy/ NEPHRITIS, immunology/ PROTEINURIA/ RABBITS
748. Brion S, Allet J, Gravelu J, et al: Encéphalopathie pancréatique probable guérie par les antitrypsiques. Rev Neurol (Paris) 116:691-3, Jun 67 (Fre)  
ADULT/ AMYLASE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ENCEPHALITIS, diagnosis/ \*ENCEPHALITIS, drug therapy/ ENCEPHALITIS, etiology/ FEMALE/ HUMAN/ \*PANCREATITIS, complications/ \*TRYPSIN INHIBITORS, therapeutic use
749. Briseid G: An assay method for trasylol based on the in vitro inhibition of human plasma kallikrein. Acta Pharmacol (Kobenhavn) 28:225-32, 1970  
ANIMAL EXPERIMENTS/ FEMALE/ IN VITRO/ \*KALLIKREIN, metabolism/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KININS/ RATS
750. Briseid K, Dyrud OK, Arntzen FC: Substrates for kinin-releasing enzymes in rat plasma. Acta Pharmacol (Kobenhavn) 28:138-44, 1970  
ANIMAL EXPERIMENTS/ KALLIKREIN/ \*KININS, metabolism/ LEUCINE AMINOPEPTIDASE, pharmacodynamics/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics
751. Britt BA, Kalow W: Malignant hyperthermia: a statistical review. Canad Anaesth Soc J 17:293-315, Jul 70 (70 ref.)  
ACIDOSIS, chemically induced/ ACIDOSIS, RESPIRATORY, chemically induced/ ADOLESCENCE/ ADULT/ \*ANESTHESIA, GENERAL, adverse effects/ ANESTHESIA, INHALATION, adverse effects/ ANOXIA, chemically induced/ BIOPSY/ BLOOD COAGULATION DISORDERS, chemically induced/ BODY TEMPERATURE/ CALCIUM, adverse effects/ CARDIOVASCULAR DISEASES, chemically induced/ CHILD/ CHILD, PRESCHOOL/ COLD/ CURARE, pharmacodynamics/ CURARE-LIKE AGENTS, pharmacodynamics/ ELECTROLYTES, blood/ FEMALE/ FEVER, blood/ \*FEVER, chemically induced/ FEVER, complications/ FEVER, enzymology/ FEVER, familial & genetic/ FEVER, occurrence/ FEVER, therapy/ HALOTHANE, adverse effects/ HEART ARREST, mortality/ HEMOGLOBINURIA, chemically induced/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY DISEASES, chemically induced/ MALE/ MIDDLE AGE/ MUSCLE TONUS, drug effects/ MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, etiology/ PARASYMPATHOLYTICS, adverse effects/ POTASSIUM, blood/ REVIEW/ STEROIDS, adverse effects/ SUCCINYLCHOLINE, adverse effects
752. Britten AF: Treatment of hemarthrosis in hemophilia. New Eng J Med 283:375, 13 Aug 70  
BLOOD COAGULATION FACTORS, therapeutic use/ CHILD/ \*HEMARTHROSIS, therapy/ HEMOPHILIA, rehabilitation/ HUMAN/ MALE
753. Britten AF: Prophylaxis in hemophilia. Bibl Haemat 34:104-10, 1970  
ABSENTEEISM/ AMBULATORY CARE/ ECONOMICS, MEDICAL/ EUGENICS/ \*FACTOR VIII, therapeutic use/ \*HEMOPHILIA, prevention & control/ HEMORRHAGE, complications/ HEMORRHAGE, prevention & control/ HOSPITAL OUTPATIENT CLINICS/ HUMAN/ MALE/ SPLEEN, transplantation
754. Britten AF: Iliac fossa mass syndrome in hemophilia. JAMA 212:159, 6 Apr 70  
BONE DISEASES, etiology/ \*HEMOPHILIA, complications/ HIP CONTRACTURE, etiology/ HUMAN/ \*ILIUM/ PAIN
755. Britten AF, Allen DM, Morse D: Hemophilias a summer camp. JAMA 213:873, 3 Aug 70  
CAMPING/ HEMARTHROSIS, therapy/ \*HEMOPHILIA, rehabilitation/ HUMAN/ MALE
756. Brittin GM, Brecher G, Johnson CA: Elimination error in hematocrit produced by excessive EDTA. Experience with the Coulter Counter Model S. Techn Bull Regist Med Techn 39:246-9, Nov 69  
\*ANTICOAGULANTS/ \*EDTA/ \*ERYTHROCYTE COUNT/ \*HEMATOCRIT/ HUMAN/ SODIUM
757. Brittin GM, Brecher G, Johnson CA, et al: Stability of blood in commonly used anticoagulants. Use of refrigerated blood for quality control of the Coulter Counter Model S. Amer J Clin Path 52:690-4, Dec 69  
ANALYSIS OF VARIANCE/ \*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD, drug effects/ \*BLOOD CELL COUNT, instrumentation/ BLOOD PRESERVATION/ BLOOD VOLUME DETERMINATION, instrumentation/ EDTA, pharmacodynamics/ HEMATOCRIT, instrumentation/ HEMOGLOBINOMETRY, instrumentation/ HEPARIN, pharmacodynamics/ HUMAN/ OXALATES, pharmacodynamics/ REFRIGERATION



## AUTHOR SECTION

758. Brizon J, Benatre A, Grangepon MC: Sarcome ostéogénique des parties molles. En fait, hémangioépicytome avic ostéogénèse métaplasique. Presse Med 77:1907-8, 29 Nov 69 (Fre)  
CONNECTIVE TISSUE, pathology/ FEMALE/ HEMANGIOEPICYTOMA, diagnosis/ \*HEMANGIOEPICYTOMA, pathology/ HUMAN/ MIDDLE AGE/ SARCOMA, OSTEOGENIC, diagnosis/ \*SARCOMA, OSTEOGENIC, pathology/ \*THIGH/ THIGH, pathology
759. Brockis JG, Jackson JM: Coagulation changes following hepatic circulatory arrest in dogs. Aust New Zeal J Surg 39:71-5, Aug 69  
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ DOGS/ FIBRINOLYSIS/ \*LIVER CIRCULATION/ PROTHROMBIN TIME/ \*SERUM GLOBULINS
760. Brodie GN, Bliss D, Firkin BG: Thrombocytopenia and carcinoma. Brit Med J 1:540-1, 28 Feb 70  
AGED/ ANTIBODIES, analysis/ BONE MARROW EXAMINATION/ HUMAN/ \*LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ \*THROMBOPENIA, complications/ THROMBOPENIA, etiology/ THROMBOPENIA, immunology
761. Brodov EE: Sluchaï ostrogo gemolitičeskogo sindroma, razvivshegosia pri dlitel'nom primenenii preliudina i gratsidina. Probl Gemat 14:60, Oct 69 (Rus)  
ADULT/ \*ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ \*APPETITE DEPRESSANTS, adverse effects/ CASE REPORT/ FEMALE/ HUMAN/ \*PHENMETRAZINE, adverse effects/ \*PURPURA, THROMBOPENIC, chemically induced
762. Brody NI, Siskind GW: Studies on antigenic competition. J Exp Med 130:821-32, 1 Oct 69  
ANIMAL EXPERIMENTS/ \*ANTIBODY FORMATION/ \*ANTIGEN-ANTIBODY REACTIONS/ \*ANTIGENS/ ANTIGENS, administration & dosage/ AZO COMPOUNDS/ BINDING SITES/ CATTLE/ DINITROPHENOLS/ FIBRINOGEN/ FREUND'S ADJUVANT/ GAMMA GLOBULIN/ HAPTENS/ IMMUNITY, PASSIVE/ IMMUNIZATION/ LYMPH NODES, immunology/ OVALBUMIN/ PRECIPITIN TESTS/ PROTEIN BINDING/ RABBITS
763. Broersma RJ, Bullemer GD, Rosenberg JC, et al: Coagulation changes in hyperacute rejection of renal xenografts. Thromb Diath Haemorrh 36:Suppl 36:333+, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DOGS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRIN/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ GRAFT VS HOST REACTION/ \*HISTOCOMPATIBILITY/ KIDNEY, immunology/ KIDNEY, pathology/ \*KIDNEY, transplantation/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ SWINE/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS, adverse effects/ TRANSPLANTATION IMMUNOLOGY
764. Broersma RJ, Bullemer GD, Mammen EF: Blood coagulation changes in hemorrhagic shock and acidosis. Thromb Diath Haemorrh 36:Suppl 36:171-6, 1969  
\*ACIDOSIS, blood/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ CARDIAC OUTPUT/ DISEASE MODELS, ANIMAL/ DOGS/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ HEART RATE/ KIDNEY GLOMERULUS, pathology/ PROTHROMBIN, analysis/ RESPIRATION/ \*SHOCK, HEMORRHAGIC, blood/ THROMBELASTOGRAPHY
765. Bronshtein ME, Leites FL: Raspredelenie lipolitičeskikh fermentov v laichnikakh pri sindrome Shteina-Leventalla. Probl Endokr (Moskva) 13:32-7, Nov-Dec 67 (Rus)  
ENGLISH ABSTRACT/ \*ESTERASES, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ \*LIPASE, analysis/ \*LIPOPROTEIN LIPASE, analysis/ \*OVARY, enzymology/ \*STEIN-LEVENTHAL SYNDROME, enzymology
766. Brooks DE, Goodwin JW, Seaman GV: Interactions among erythrocytes under shear. J Appl Physiol 28:172-7, Feb 70  
\*BLOOD VISCOSITY/ \*CELL AGGREGATION/ CITRATES/ DEXTRAN/ \*ERYTHROCYTES, cytology/ GLUCOSE/ HUMAN/ RHEOLOGY
767. Brooks DM: Problems of restoration of tendon movements after repair and grafts. Proc Roy Soc Med 63:67-8, Jan 70  
ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ DOGS/ FINGERS/ HUMAN/ METHODS/ \*POSTOPERATIVE CARE/ TENDONS, blood supply/ \*TENDONS, surgery/ TENDONS, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ WOUND HEALING
768. Brooks PL, O'Shea MJ, Pryor JP: Splenectomy in the treatment of idiopathic thrombocytopenic purpura. Brit J Surg 56:861-3, Nov 69  
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ CHROMIUM ISOTOPES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ \*PURPURA, THROMBOPENIC, therapy/ \*SPLENECTOMY/ THROMBOPENIA, complications
769. Broughton PM, Dykes JR, Holt S, et al: Mucopolysaccharide in the blood of a patient with neuroblastoma. J Clin Path 23:246-8, Apr 70  
BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CHILD, PRESCHOOL/ CHONDROITIN, blood/ ERYTHROCYTES, physiopathology/ FEMALE/ HUMAN/ HYALURONIC ACID, blood/ LIVER, pathology/ \*MUCOPOLYSACCHARIDES, blood/ \*NEUROBLASTOMA, blood/ NEUROBLASTOMA, pathology/ NEUROBLASTOMA, physiopathology/ STAINS AND STAINING
770. Broustra J, Henry P, Bergouignan M: Thrombo-phlébite cérébrale à forme psychiatrique après cathétérisme cardiaque. Bordeaux Med 3:333-42, Feb 70 (Fre)  
ADULT/ ANTICOAGULANTS, therapeutic use/ \*CEREBROVASCULAR DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ \*HEART CATHETERIZATION, adverse effects/ HEMIPLEGIA, etiology/ HUMAN/ \*MENTAL DISORDERS, etiology/ NEUROLOGIC MANIFESTATIONS/ PSYCHOPHYSIOLOGIC DISORDERS, etiology/ \*THROMBOPHLEBITIS, etiology
771. Brovetto-Cruz J, Li CH: Human pituitary growth hormone. Studies of the tryptophan residue. Biochemistry (Wash) 8:4695-701, Dec 69  
ACETIC ACIDS/ ALKYLATION/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ BONE AND BONES, drug effects/ CHEMISTRY/ CORTICOTROPIN/ CROP, AVIAN, drug effects/ DRUG STABILITY/ GEL FILTRATION/ GROWTH, drug effects/ HUMAN/ KINETICS/ NITROBENZENES/ PEPTIDES/ PHENOLS/ PIGEONS/ PROLACTIN, pharmacodynamics/ RATS/ \*SOMATOTROPIN/ SOMATOTROPIN, analysis/



# AUTHOR SECTION

- SOMATOTROPIN, pharmacodynamics/  
SPECTROPHOTOMETRY/ STIMULATION,  
CHEMICAL/ SULFENIC ACIDS/ TIBIA/  
TRYPSIN/ \*TRYPTOPHAN
772. Brovkina II: Vlianie podvodno-kishechnykh  
promyvani na funktsii pecheni u bol'nykh  
khronicheskim kolitom. (Rus)  
Vrach Delo 7:70-3, Jul 69  
ACID PHOSPHATASE, blood/ ADULT/  
ALKALINE PHOSPHATASE, blood/ BLOOD  
SUGAR, analysis/ CHOLESTEROL, blood/  
CHRONIC DISEASE/ \*COLITIS, therapy/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*IRRIGATION/ \*LIVER, drug effects/ MALE/  
MINERAL WATERS/ PROTHROMBIN TIME
773. Brown AE, Sweeney DB, Lumley J: Percutaneous radial  
artery cannulation. Anaesthesia 24:532-6, Oct 69  
\*ARTERIES/ BLOOD GAS ANALYSIS/ BLOOD  
PRESSURE DETERMINATION/  
\*CATHETERIZATION/ CATHETERIZATION,  
adverse effects/ HEMATOMA, etiology/  
HUMAN/ METHODS/ PULSE
774. Brown D: De geschiedenis van de bloedtransfusie.  
T Ziekenverpl 22:1141-4, 1 Dec 69 (Dut)  
BLOOD COAGULATION FACTORS, history/  
BLOOD PRESERVATION, history/ BLOOD  
TRANSFUSION, history/ SPECIAL LIST  
NURSING
775. Brown DG, Cross FH: Hematologic values of burros  
from birth to maturity: cellular elements of  
peripheral blood. Amer J Vet Res 30:1921-7, Nov 69  
\*AGE FACTORS/ ANIMAL EXPERIMENTS/  
\*BLOOD CELLS/ BLOOD PLATELETS/  
FEMALE/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/  
MALE/ \*PERISSODACTYLA/ SEX FACTORS
776. Brown F, Smale CJ: Demonstration of three specific  
sites on the surface of foot-and-mouth disease virus  
by antibody complexing. J Gen Virol 7:115-27, 1970  
AGAR/ ANTIGEN-ANTIBODY COMPLEX/  
\*BINDING SITES/ BLOOD SEDIMENTATION/  
\*FOOT-AND-MOUTH DISEASE VIRUS,  
immunology/ \*GAMMA GLOBULIN, 7S/  
\*GAMMA GLOBULIN, 19S/ GEL DIFFUSION  
TESTS/ GUINEA PIGS/ IMMUNE SERUMS/  
MICE/ MICROSCOPY, ELECTRON/ MODELS,  
STRUCTURAL/ PRECIPITIN TESTS/  
SUCROSE/ TRYPSIN
777. Brown IR, Bannister WH, De Lucca C: A comparison of  
Maltese and Sicilian sparrow haemoglobins.  
Comp Biochem Physiol 34:557-62, 1 Jun 70  
ANIMAL EXPERIMENTS/ BIRDS/ BLOOD  
PROTEIN ELECTROPHORESIS/  
\*HEMOGLOBIN, analysis/ PEPTIDES, analysis/  
\*SPECIES SPECIFICITY/ TRYPSIN
778. Brown JE: Clinical studies on chemonucleolysis.  
Clin Orthop 67:94-9, Nov-Dec 69  
ADULT/ AGED/ BACKACHE, etiology/  
CONTRAST MEDIA/ FEMALE/ FOLLOW-UP  
STUDIES/ HUMAN/ INJECTIONS/  
\*INTERVERTEBRAL DISK/  
INTERVERTEBRAL DISK, radiography/  
INTERVERTEBRAL DISK DISPLACEMENT,  
radiography/ LAMINECTOMY/ \*LUMBAR  
VERTEBRAE/ LUMBAR VERTEBRAE,  
radiography/ MALE/ MIDDLE AGE/  
MYELOGRAPHY/ \*PEPTIDE  
PEPTIDOHYDROLASES, administration &  
dosage/ SCIATICA, drug therapy/ SCIATICA,  
etiology/ \*SPINAL DISEASES, drug therapy/  
SPINAL DISEASES, radiography/ SPINAL  
DISEASES, surgery
779. Brown LJ, Stalker AL: The composition of the 'white  
emboli' following topical application of A.D.P. and  
Liquoid to the hamster cheek-pouch.  
Biorheology 6:261-2, Jan 70  
\*ADENINE NUCLEOTIDES/ ANIMAL  
EXPERIMENTS/ \*ANTICOAGULANTS/  
\*CHEEK, pathology/ EMBOLISM, chemically  
induced/ \*EMBOLISM, pathology/ HAMSTERS
780. Brown PE, Hougie C, Roberts HR: The genetic  
heterogeneity of hemophilia B.  
New Eng J Med 283:61-4, 9 Jul 70  
ANTIBODIES/ BLOOD COAGULATION TESTS/  
BRAIN/ CHRISTMAS DISEASE, blood/  
CHRISTMAS DISEASE, classification/  
\*CHRISTMAS DISEASE, familial & genetic/  
CHRISTMAS DISEASE, immunology/  
CHROMOSOME MAPPING/ FACTOR IX/  
GENES, RECESSIVE/ HUMAN/ MUTATION/  
NEUTRALIZATION TESTS/ PROTHROMBIN  
TIME/ SEX CHROMOSOMES/  
THROMBOPLASTIN
781. Brown WC, Young FE: Dynamic interactions between  
cell wall polymers, extracellular proteases and  
autolytic enzymes.  
Biochem Biophys Res Commun 38:564-8, 20 Feb 70  
AMIDOHYDROLASES/ \*BACILLUS SUBTILIS,  
enzymology/ BACILLUS SUBTILIS, growth &  
development/ BACILLUS SUBTILIS,  
metabolism/ \*BACTERIOLYSIS/ CELL WALL,  
metabolism/ DENSITOMETRY/ HEAT/  
HEXOSAMINES/ HYDROGEN-ION  
CONCENTRATION/ MUTATION/ \*PEPTIDE  
HYDROLASES, metabolism/ SPECIES  
SPECIFICITY/ TIME FACTORS
782. Brown WD, Snyder HE: Nonenzymatic reduction and  
oxidation of myoglobin and hemoglobin by  
nicotinamide adenine dinucleotides and flavins.  
J Biol Chem 244:6702-6, 25 Dec 69  
AMOBARBITAL/ CATALYSIS/ CATTLE/  
CETACEA/ DARKNESS/ EDTA/ FAD/  
FISHES/ \*FLAVINS/ FMN/ \*HEMOGLOBIN/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ LIGHT/ \*MYOGLOBIN/ \*NAD/  
\*NADP/ OXIDATION-REDUCTION/  
OXIDOREDUCTASES/ RIBOFLAVIN/ SPECIES  
SPECIFICITY/ UBIQUINONE/ VITAMIN K
783. Brown WR, Newcomb RW, Ishizaka K: Proteolytic  
degradation of exocrine and serum immunoglobulin.  
J Clin Invest 49:1374-80, Jul 70  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/  
\*COLOSTRUM/ \*DIPHTHERIA ANTITOXIN/  
DIPHTHERIA ANTITOXIN, analysis/  
DIPHTHERIA ANTITOXIN, isolation &  
purification/ DUODENUM/ \*GAMMA  
GLOBULIN/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 7S, isolation &  
purification/ GEL FILTRATION/ HUMAN/  
IMMUNOCHEMISTRY/ IMMUNOGLOBULINS/  
IN VITRO/ \*INTESTINAL SECRETIONS/  
\*PEPTIDE PEPTIDOHYDROLASES/ PROTEIN  
BINDING/ RABBITS/ TRYPSIN
784. Browse N: Deep vein thrombosis. Diagnosis.  
Brit Med J 4:676-8, 13 Dec 69  
BLOOD FLOW VELOCITY/ FEMALE/  
FIBRINOGEN, metabolism/ HUMAN/ IODINE  
ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE  
AGE/ PHLEBOGRAPHY/ PHYSICAL  
EXAMINATION/ PULMONARY EMBOLISM,  
etiology/ THROMBOPHLEBITIS, complication  
\*THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, metabolism/  
THROMBOPHLEBITIS, radiography/  
ULTRASONICS, diagnostic use
785. Browse NL: Prophylaxis of pulmonary embolism.  
Brit Med J 2:780-2, 27 Jun 70  
ANTICOAGULANTS, therapeutic use/  
DEXTRAN, therapeutic use/ DIPYRIDAMOL,  
therapeutic use/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ PLATELET  
ADHESIVENESS, drug effects/  
POSTOPERATIVE COMPLICATIONS/  
PULMONARY EMBOLISM, diagnosis/  
PULMONARY EMBOLISM, drug therapy/  
PULMONARY EMBOLISM, etiology/  
\*PULMONARY EMBOLISM, prevention &  
control/ THROMBOPHLEBITIS, complication  
THROMBOPHLEBITIS, etiology/ VEINS,  
injuries
786. Browse NL, Solan MJ: The prevention of recurrent  
pulmonary embolism. Brit J Surg 56:753-4, Oct  
ANTICOAGULANTS, therapeutic use/  
FEMALE/ HUMAN/ MALE/ PHLEBOGRAPHY/  
\*PULMONARY EMBOLISM, prevention &



## AUTHOR SECTION

- control/ PULMONARY EMBOLISM, surgery/  
THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, surgery
787. Brox LW, Lacko AG, Gracy RW, et al: Muscle-type aldolase isolated from a liver tumor. *Biochem Biophys Res Commun* 36:994-8, 10 Sep 69  
\*ALDEHYDE-LYASES/ ALDEHYDE-LYASES, analysis/ ALDEHYDE-LYASES, antagonists & inhibitors/ ALDEHYDE-LYASES, isolation & purification/ ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ FRUCTOSE/ GLYCERALDEHYDE/ GLYCEROPHOSPHATES/ \*HEPATOMA, enzymology/ HEXOSEPHOSPHATES/ KETONES/ \*LIVER, enzymology/ \*LIVER NEOPLASMS, metabolism/ \*MUSCLES, enzymology/ PEPTIDES/ RATS/ TRYPSIN
788. Bruck A: Der Herzinfarkt-Verlauf und Prognose. *Z Allgemeinmed* 45:1312-8, 10 Oct 69 (Ger)  
ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, drug therapy/ CARDIAC GLYCOSIDES, therapeutic use/ HUMAN/ \*MYOCARDIAL INFARCT/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, therapy/ PACEMAKER, ARTIFICIAL/ PROGNOSIS
789. Bruck C: Seltene Iris-Zillarkörper-Tumoren. 2. Haemangioma simplex des Zillarkörpers. *Klin Mbl Augenheilk* 154:49-53, Jan 69 (Ger)  
ADULT/ \*CILIARY BODY/ CILIARY BODY, surgery/ ENGLISH ABSTRACT/ \*EYE NEOPLASMS/ EYE NEOPLASMS, surgery/ FEMALE/ \*HEMANGIOMA/ HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE
790. Brückle G: Kapillarmikroskopische Untersuchungen über die Wirkung eines Glyko-Peptid-Komplexes auf die geschädigte Gefäßwand. *Med Welt* 41:2252-5, 11 Oct 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ CAPILLARIES, drug effects/ CAPILLARIES, pathology/ CAPILLARY PERMEABILITY, drug effects/ CHILD/ FEMALE/ \*GLUCOSE, administration & dosage/ HEMORRHAGIC DIATHESIS, drug therapy/ HEMORRHAGIC DIATHESIS, pathology/ HUMAN/ LIP, blood supply/ MALE/ MIDDLE AGE/ \*PEPTIDES, administration & dosage
791. Brücknerová O: The significance of the Lian-Siguler-Welti syndrome for clinical practice. *Cor Vasa* 12:164-7, 1970  
ADULT/ AGED/ \*ANEMIA, HYPOCHROMIC, etiology/ ANEMIA, HYPOCHROMIC, therapy/ ANTICOAGULANTS, adverse effects/ BLOOD CELL COUNT/ BLOOD TRANSFUSION/ \*DIAPHRAGMATIC HERNIA, complications/ DIAPHRAGMATIC HERNIA, radiography/ DIAPHRAGMATIC HERNIA, surgery/ ENZYME TESTS/ HUMAN/ IRON, blood/ IRON, therapeutic use/ MALE/ \*THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, etiology
792. Bruetsch WL: The collagen diseases: Clues as to their etiology. *Trans Amer Neurol Ass* 94:232-4, 1969  
\*COLLAGEN DISEASES, etiology/ COLLAGEN DISEASES, occurrence/ DERMATOMYOSITIS, etiology/ ENDOCARDITIS, complications/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ PERIARTERITIS NODOSA, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ RHEUMATIC FEVER, etiology/ \*RHEUMATIC HEART DISEASE, complications/ RHEUMATIC HEART DISEASE, occurrence/ RHEUMATIC HEART DISEASE, pathology/ SCLERODERMA, etiology/ STREPTOCOCCAL INFECTIONS, complications
793. Bruggen EF van, Kremer J: Electron microscopy of bovine and human cervical mucus. *Int J Fertil* 15:50-7, Jan-Mar 70  
\*CATTLE, physiology/ \*CERVIX MUCUS/ CERVIX MUCUS, drug effects/ DEOXYRIBONUCLEASE, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALURONIDASE, pharmacodynamics/ METHODS/ \*MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES, pharmacodynamics/ STAINS AND STAINING
794. Bruhn HD, Müller L, Duckert F: Quantitative determination of plasminogen. A caseinolytic method. *Thromb Diath Haemorrh* 23:191-201, 1970  
BLOOD PRESERVATION/ BUFFERS/ CASEIN, metabolism/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ FREEZING/ HUMAN/ METHODS/ PHENOLS/ PHOSPHATES/ \*PLASMINOGEN, analysis/ SPECTROPHOTOMETRY/ TRICHLOROACETIC ACID
795. Brummel MC, Mayer HE Jr, Montgomery R: Continuous autoanalysis of glycopeptides and glycoproteins. *Anal Biochem* 33:16-27, Jan 70  
\*AUTOANALYSIS, instrumentation/ \*CARBOHYDRATES, analysis/ COMPARATIVE STUDY/ \*GLYCOPROTEINS, analysis/ HEXOSES, analysis/ INDICATORS AND REAGENTS/ METHODS/ MUCOPROTEINS, analysis/ OVALBUMIN, analysis/ PEPTIDE HYDROLASES/ \*PEPTIDES, analysis/ PHENOLS/ SULFURIC ACIDS/ TIME FACTORS
796. Brummel MC, Montgomery R: Acrylamide gel electrophoresis of the S-sulfo derivatives of fibrinogen. *Anal Biochem* 33:28-35, Jan 70  
ACRYLATES/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ DENSITOMETRY/ \*ELECTROPHORESIS/ FACTOR XIII/ FIBRIN, analysis/ \*FIBRINOGEN, analysis/ GELS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ \*PEPTIDES, analysis/ SPECTROPHOTOMETRY/ STAINS AND STAINING/ SULFITES/ \*SULFONIC ACIDS/ UREA
797. Bruniquel G, Paleirac G: Le "céphalématome", cet inconnu--biologique. *Bull Fed Gynec Obstet Franc* 22:121-3, Jan-Mar 70 (Fre)  
\*BIRTH INJURY/ \*HEAD INJURIES, etiology/ \*HEMATOMA, etiology/ HUMAN/ INFANT, NEWBORN/ LABOR COMPLICATIONS
798. Brunk RR: Standard values in the beagle dog: haematology and clinical chemistry. *Food Cosmet Toxic* 7:141-8, Mar 69  
ANIMAL EXPERIMENTS/ \*BLOOD CELL COUNT, veterinary/ \*BLOOD CHEMICAL ANALYSIS, veterinary/ BLOOD COAGULATION TESTS, veterinary/ BLOOD SEDIMENTATION, veterinary/ \*CHEMISTRY, CLINICAL, veterinary/ \*DOGS/ EOSINOPHILS/ FEMALE/ HEINZ BODIES/ \*HEMATOCRIT, veterinary/ HEMOGLOBINOMETRY, veterinary/ MALE/ POTASSIUM, blood/ SEX FACTORS
799. Brunk RR: Standard values in the beagle dog: haematology and clinical chemistry. *Food Cosmet Toxic* 7:141-8, Mar 69  
ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ \*BLOOD CELL COUNT/ \*BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ BLOOD SEDIMENTATION/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ CALCIUM, blood/ CHLORIDES, blood/ CREATININE, blood/ \*DOGS/ EOSINOPHILS/ FEMALE/ HEINZ BODIES/ HEMATOCRIT/ HEMOGLOBINOMETRY/ MALE/ PHOSPHORUS, blood/ POTASSIUM, blood/ SEX FACTORS/ SODIUM, blood/ URIC ACID, blood
800. Brunner KW: Erfahrungen mit einer zytostatischen Kombinationstherapie beim hormonresistenten metastasierenden Mammakarzinom. *Schweiz Med Wschr* 99:1298-303, Sep 69 (Ger)  
\*ANTINEOPLASTIC AGENTS, therapeutic use/



# AUTHOR SECTION

- BLOOD PLATELETS, drug effects/ \*BREAST NEOPLASMS, drug therapy/ CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HEMATOPOIESIS, drug effects/ HORMONES, therapeutic use/ HUMAN/ LEUKOCYTES, drug effects/ METHOTREXATE, therapeutic use/ \*NEOPLASM METASTASIS, drug therapy
801. Bruno MS, Ober WB: Recurrent chylous ascites. New York J Med 70:282-90, 15 Jan 70  
ADHESIONS, pathology/ AGED/ \*ASCITES, pathology/ BONE MARROW DISEASES, pathology/ BRONCHOPNEUMONIA, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ GLOMERULONEPHRITIS, pathology/ HUMAN/ \*LYMPH/ MALE/ PERITONITIS, pathology/ PLEURAL DISEASES, pathology/ PROSTATIC HYPERTROPHY, pathology/ RADIATION INJURY/ RETROPERITONEAL FIBROSIS, pathology/ THORACIC DISEASES, pathology
802. Brüster H: Diagnose und Therapie vasculärer, thrombocyitärer und plasmatischer Nierenblutungen. Mschr Kinderheilk 117:360-3, Apr 69 (Ger)  
BLOOD PLATELET DISORDERS, complications/ \*HEMATURIA, diagnosis/ \*HEMATURIA, drug therapy/ \*HEMORRHAGIC DIATHESIS, drug therapy/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*KIDNEY DISEASES, complications/ VASCULAR DISEASES, complications/ VON WILLEBRAND'S DISEASE, complications
803. Brüster H: Therapie intravasculärer Gerinnungsstörungen in der Kinderheilkunde. Bibl Haemat 32:305-11, 1969 (Ger)  
AMINOCAPROIC ACID, therapeutic use/ ANEMIA, HEMOLYTIC, drug therapy/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PROTEINS, analysis/ BLOOD TRANSFUSION/ CHILD, PRESCHOOL/ FEMALE/ \*HEPARIN, therapeutic use/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KIDNEY FAILURE, ACUTE, drug therapy/ MALE/ PENICILLIN, therapeutic use/ PRECIPITIN TESTS/ PURPURA, mortality/ THROMBOPENIA, drug therapy/ WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy
804. Brüster H: Immunothrombopenien und Purpura. Allerg Asthmaforsch 5:168-75, 1969 (Ger)  
\*BLOOD PLATELETS, immunology/ BLOOD PROTEIN DISORDERS, immunology/ \*PURPURA, THROMBOPENIC, immunology/ REVIEW/ \*THROMBOPENIA, immunology
805. Brutlag D, Atkinson MR, Setlow P, et al: An active fragment of DNA polymerase produced by proteolytic cleavage. Biochem Biophys Res Commun 37:982-9, 4 Dec 69  
BACILLUS SUBTILIS, enzymology/ \*BINDING SITES/ \*DNA NUCLEOTIDYL-TRANSFERASE, analysis/ ELECTROPHORESIS/ ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ \*PEPTIDES, analysis/ POLYNUCLEOTIDES, chem synthesis/ TRYPSIN
806. Bryan J, Sato H: The isolation of the meiosis in spindle from the mature oocyte of Pisaster ochraceus. Exp Cell Res 59:371-8, Mar 70  
ADENINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELL-FREE SYSTEM/ ECHINODERMATA/ FEMALE/ \*MEIOSIS/ MICROSCOPY, POLARIZATION/ \*OVUM, cytology/ OVUM, drug effects/ PEPTIDE HYDROLASES/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics
807. Bryan RN, Hayashi M: Initiation of phi-X-174
- RF-primed protein with N-formylmethionine. Biochemistry (Wash) 9:1904-8, 28 Apr 70  
ALANINE, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ COLIPHAGES/ DETERGENTS/ DNA, VIRAL, metabolism/ ELECTROPHORESIS/ FOLIC ACID, metabolism/ FORMATES, metabolism/ GELS/ GENETIC CODE/ KINETICS/ \*METHIONINE, pharmacodynamics/ PEPTIDE HYDROLASES/ RNA, VIRAL, metabolism/ SERINE, metabolism/ SULFURIC ACIDS/ TRITIUM/ \*VIRAL PROTEINS, biosynthesis
808. Bryc S, Muszyński A: Schorzenia naczyniowe układu tk. kręgowych w obrazach angiograficznych. Pol Przegl Radiol 34:309-15, May-Jun 70 (Pol)  
ADULT/ ARTERIOVENOUS MALFORMATIONS/ CEREBRAL ANEURYSM, pathology/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOSCLEROSIS, pathology/ \*CEREBROVASCULAR DISORDERS, radiography/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, pathology/ \*VERTEBRAL ARTERY, radiography
809. Bryceson AD, Parry EH, Perine PL, et al: Louse-borne relapsing fever. Quart J Med 39:129-70, Jan 70  
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ CHILD/ ENGLISH ABSTRACT/ ETHIOPIA/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ INSECT VECTORS/ KIDNEY, physiopathology/ LICE/ LIVER, physiopathology/ MALE/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS/ RELAPSING FEVER, cerebrospinal fluid/ RELAPSING FEVER, complications/ RELAPSING FEVER, diagnosis/ RELAPSING FEVER, drug therapy/ RELAPSING FEVER, immunology/ \*RELAPSING FEVER, occurrence/ RESPIRATION/ REVIEW/ SPLEEN, physiopathology/ TACHYCARDIA, complications/ TETRACYCLINE, therapeutic use/ THROMBOPENIA, complications
810. Bryla J, Kaniuga Z, Slater EC: Studies on the mechanism of inhibition of the mitochondrial electron transport by antimycin. II. Antimycin as an allosteric inhibitor. Biochim Biophys Acta 189:317-26, 1969  
ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTIMYCIN A, pharmacodynamics/ BILE ACIDS AND SALTS, pharmacodynamics/ BINDING SITES/ CATTLE CHEMISTRY, ANALYTICAL/ CYTOCHROMES, metabolism/ DEPRESSION, CHEMICAL/ DETERGENTS, pharmacodynamics/ DIALYSIS/ DRUG SYNERGISM/ \*ELECTRON TRANSPORT, drug effects/ IN VITRO/ LIGHT/ MITOCHONDRIA, MUSCLE, drug effects/ MITOCHONDRIA, MUSCLE, enzymology/ \*MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, enzymology/ \*MYOCARDIUM, metabolism/ NAD, metabolism/ NAPHTHOQUINONES, pharmacodynamics/ OXIDOREDUCTASES, antagonists & inhibitors/ SUCCINATE DEHYDROGENASE, antagonists & inhibitors/ SUCCINATES, metabolism/ THIOSULFATES, pharmacodynamics/ UBIQUINONE, metabolism/ VITAMIN K, pharmacodynamics
811. Bryson G, Bischoff F: Dopamine transport in human blood. Clin Chem 16:312-7, Apr 70  
ASCORBIC ACID/ BIOLOGICAL TRANSPORT ACTIVE/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, metabolism/ CELL MEMBRANE PERMEABILITY/ \*DOPAMINE, blood/ DOPAMINE, metabolism/ \*ERYTHROCYTES, metabolism/ HEMOGLOBIN, metabolism/ HUMAN/ IMMUNE SERUMS, analysis/ LEUKOCYTES, metabolism/ PROTEIN BINDING/ SOLUBILITY/ WATER
812. Bube FW: Mehrjährige Erfahrungen mit proteolytischen Fermenten bei der serologischen Diagnostik der ABO-Erythroblastose. Med Welt 2:73-5, 10 Jan 70 (G)  
\*ABO FACTORS/ BROMELAINS, diagnostic



## AUTHOR SECTION

use/ \*ERYTHROBLASTOSIS, FETAL,  
diagnosis/ FEMALE/ HUMAN/ INFANT,  
NEWBORN/ METHODS/ \*PEPTIDE  
HYDROLASES, diagnostic use/ PREGNANCY/  
SERODIAGNOSIS

ACETABULUM, surgery/ ACRYLIC RESINS/  
ANTICOAGULANTS, therapeutic use/  
ARTHROPLASTY/ BIOMECHANICS/  
CEMENTATION/ CHROMIUM-COBALT  
ALLOYS/ EMBOLISM, prevention & control/  
FEMUR HEAD, surgery/ \*HIP, surgery/ HIP  
JOINT/ HUMAN/ LUBRICATION/  
MOVEMENT/ POLYETHYLENES/  
POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS/ \*PROSTHESIS/ SURGICAL  
WOUND INFECTION, etiology

813. Bucci E, Bowman DE: Immunological aspects of the binding of substrate analogues and polypeptide inhibitors to alpha-chymotrypsin.  
Immunochemistry 7:289-303, Mar 70

819. Buchholz W: Ein kasuistischer Beitrag zur hämorrhagischen Mastozytose.  
Z Haut Geschlechtskr 44:113-20, 15 Feb 69 (Ger)  
ADULT/ BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ FEMALE/  
HEMORRHAGE/ HUMAN/ \*URTICARIA  
PIGMENTOSA/ URTICARIA PIGMENTOSA,  
physiopathology

ANIMAL EXPERIMENTS/ ANTIBODIES/  
CATTLE/ \*CHYMOTRYPSIN/ COMPLEMENT/  
\*COMPLEMENT FIXATION TESTS/ ENZYME  
PRECURSORS/ IMMUNE SERUMS/  
IMMUNIZATION/ IMMUNOCHEMISTRY/  
PANCREAS/ \*PEPTIDES, antagonists &  
inhibitors/ PLANTS/ \*PROTEIN BINDING/  
RABBITS/ SOY BEANS/ TRYPSIN  
INHIBITORS

820. Buchko A, Kopets E: Vliianie pitanlia na sodержanie fermentov v podzheludochnoi zheleze krys.  
Vop Pitani 28:52-8, May-Jun 69 (Rus)  
ADAPTATION, PHYSIOLOGICAL/ \*AMYLASE,  
metabolism/ ANIMAL EXPERIMENTS/  
CASEIN, pharmacodynamics/ \*DIET/ DIETARY  
CARBOHYDRATES/ DIETARY FATS/  
DIETARY PROTEINS/ ENGLISH ABSTRACT/  
\*LIPASE, metabolism/ OILS,  
pharmacodynamics/ \*PANCREAS, enzymology/  
\*PEPTIDE HYDROLASES, metabolism/ RATS/  
STARCH, pharmacodynamics/ STIMULATION,  
CHEMICAL

814. Buchanan DS, Brazinsky JH: Dural sinus and cerebral venous thrombosis. Incidence in young women receiving oral contraceptives.  
Arch Neurol (Chicago) 22:440-4, May 70

821. Buchwald H, Bertish J, Moore RB: Ileal bypass in the infant rabbit with pediatric clinical findings.  
Surg Forum 20:394-6, 1969

ADULT/ AUTOPSY/ \*CEREBRAL CORTEX,  
blood supply/ CEREBRAL EMBOLISM AND  
THROMBOSIS, chemically induced/ CEREBRAL  
EMBOLISM AND THROMBOSIS, pathology/  
\*CONTRACEPTIVES, ORAL, adverse effects/  
\*DURA MATER, blood supply/ FEMALE/  
HEMATOMA, etiology/ HUMAN/ \*SINUS  
THROMBOSIS, chemically induced/ SINUS  
THROMBOSIS, complications/ SINUS  
THROMBOSIS, pathology/ SUBARACHNOID  
HEMORRHAGE, etiology/  
\*THROMBOPHLEBITIS, chemically induced/  
THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, pathology

815. Buchanan-Smith JG, Nelson EC, Tillman AD: Effect of vitamin E and selenium deficiencies on lysosomal and cytoplasmic enzymes in sheep tissues.  
J Nutr 99:387-94, Nov 69

ADAPTATION, PHYSIOLOGICAL/ ANIMAL  
EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, pathology/ BILE ACIDS  
AND SALTS, metabolism/ CHILD,  
PRESCHOOL/ CHOLESTEROL, metabolism/  
CORONARY VESSELS, pathology/ DIET,  
ATHEROGENIC/ GROWTH/ HUMAN/  
HYPERCHOLESTEREMIA, surgery/  
\*HYPERLIPIDEMIA, ESSENTIAL FAMILIAL,  
surgery/ \*ILEUM, surgery/ INTESTINAL  
ABSORPTION/ RABBITS

ANIMAL EXPERIMENTS/ ASPARTATE  
AMINOTRANSFERASE, blood/ CREATINE  
KINASE, blood/ \*CYTOPLASM, enzymology/  
\*DEFICIENCY DISEASES, complications/  
FEMALE/ GLUCURONIDASE, analysis/  
GLUCURONIDASE, physiology/  
HYDROXYBUTYRATE DEHYDROGENASE,  
blood/ INJECTIONS, SUBCUTANEOUS/  
LACTATE DEHYDROGENASE, blood/ LIVER,  
analysis/ LIVER, enzymology/ LYSOSOMES,  
enzymology/ \*LYSOSOMES, enzymology/  
MALE/ MUSCLES, enzymology/ MUSCLES,  
pathology/ MUSCULAR DYSTROPHY,  
ANIMAL, enzymology/ PEPTIDE  
HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, physiology/ PLACENTA,  
enzymology/ PREGNANCY/ \*SELENIUM/  
SHEEP DISEASES/ UTERUS, enzymology/  
\*VITAMIN E DEFICIENCY, enzymology/  
VITAMIN E DEFICIENCY, pathology

822. Buckingham RH, Stocken LA: Histone F1. Purification and phosphorus content. Biochem J 117:157-60, Mar 70  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
HEPATECTOMY/ HISTONES, analysis/  
\*HISTONES, isolation & purification/  
HISTONES, metabolism/ LIVER, analysis/  
LIVER REGENERATION/ MALE/ PEPTIDES,  
analysis/ \*PHOSPHORUS, analysis/  
PHOSPHORUS ISOTOPES, metabolism/  
RADIOAUTOGRAPHY/ RATS/ TRYPSIN

816. Buchborn E, Schulz E, Zach J: Indikationen und Kontraindikationen zur Bluttransfusion in der Inneren Medizin.  
Internist (Berlin) 10:60-5, Feb 69 (Ger)

823. Buckner CD, Clift R, Thomas ED: Plasma exchange with NCI-IBM blood cell separator.  
Rev Franc Etud Clin Biol 14:803-5, Oct 69  
AGED/ \*CENTRIFUGATION/ CHILD,  
PRESCHOOL/ \*EXCHANGE TRANSFUSION/  
EXCHANGE TRANSFUSION, instrumentation/  
FEMALE/ HEPATIC COMA, therapy/  
HUMAN/ MALE/ METHODS/ MULTIPLE  
MYELOMA, therapy/ \*PLASMA/  
THROMBOPENIA, therapy

ANEMIA, therapy/ BLOOD COAGULATION  
DISORDERS, therapy/ \*BLOOD  
TRANSFUSION/ CHRONIC DISEASE/  
\*HEMATOLOGIC DISEASES, therapy/  
HUMAN/ KIDNEY FAILURE, CHRONIC,  
complications/ LEUKEMIA, complications/  
LYMPHOMA, complications/  
METHEMOGLOBINEMIA, therapy/  
NEOPLASMS, complications/ SHOCK,  
HEMORRHAGIC, therapy

817. Bucher R: Essais odonto-cliniques du Doxium en odonto-stomatologie.  
Med Hyg (Geneve) 28:1007, 10 Jun 70 (Fre)

824. Buckner CD, Epstein RB, Rudolph RH, et al: Allogeneic marrow engraftment following whole body irradiation in a patient with leukemia. Blood 35:741-50, Jun 70  
ASPARTATE AMINOTRANSFERASE, blood/  
AUTOPSY/ BILIRUBIN, blood/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ BONE  
MARROW, radiation effects/ \*BONE  
MARROW, transplantation/ BONE MARROW  
EXAMINATION/ BUSULFAN, therapeutic use/  
COBALT ISOTOPES, therapeutic use/  
GENETICS, HUMAN/ HEMATOCRIT/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
HYDROCORTISONE, therapeutic use/  
LEUKEMIA, MYELOCYTIC, drug therapy/  
LEUKEMIA, MYELOCYTIC, immunology/  
LEUKEMIA, MYELOCYTIC, mortality/  
LEUKEMIA, MYELOCYTIC, radiotherapy/

BENZENE/ CALCIUM HYDROXIDE,  
therapeutic use/ HEMORRHAGE, ORAL,  
prevention & control/ HEMOSTATICS,  
therapeutic use/ SPECIAL LIST DENTAL/  
SULFONIC ACIDS, therapeutic use

818. Buchholz HW: Modification of the Charnley artificial hip joint. Clin Orthop 72:69-78, Sep-Oct 70



# AUTHOR SECTION

- \*LEUKEMIA, MYELOCYTIC, therapy/  
LEUKOCYTE COUNT/ MALE/  
METHOTREXATE, therapeutic use/ MIDDLE  
AGE/ NEISSERIA, isolation & purification/  
PREDNISONE, therapeutic use/ SPUTUM,  
microbiology/ THYMIDINE, metabolism/  
TRANSPLANTATION, HOMOLOGOUS/  
TRITIUM/ VINCRISTINE, therapeutic use
825. Bučko A, Simko V, Kopec Z: The effect of various kinds of carbohydrates on amylase formation in the pancreas. Nutr Dieta (Basel) 11:203-13, 1969  
\*AMYLASE, biosynthesis/ ANIMAL  
EXPERIMENTS/ CHOLESTEROL, blood/  
DIARRHEA, chemically induced/ DIET/  
\*DIETARY CARBOHYDRATES/ FATTY  
ACIDS, blood/ FATTY ACIDS, metabolism/  
\*FRUCTOSE, pharmacodynamics/ GALACTOSE,  
adverse effects/ \*GALACTOSE,  
pharmacodynamics/ \*GLUCOSE,  
pharmacodynamics/ LIPASE, metabolism/  
LIVER, metabolism/ MALE/ \*PANCREAS,  
enzymology/ PANCREAS, metabolism/  
PEPTIDE HYDROLASES, metabolism/ RATS/  
\*STARCH, pharmacodynamics/ STATISTICS/  
STIMULATION, CHEMICAL/ \*SUCROSE,  
pharmacodynamics
826. Budagovskii MT, Vadachkoria MK, Bluzmanas EI: Priamyie perelivaniia krovi v kompleksnoi terapii lazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki. Voennomed Zh 4:45-7, Apr 70 (Rus)  
ADULT/ BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ FEMALE/ HUMAN/ MALE/  
METHODS/ MILITARY MEDICINE/ \*PEPTIC  
ULCER, therapy/ TIME FACTORS/ USSR
827. Budanova LF, Borshchevskii IuM: Vliianie tripsina na razvitiie i techenie eksperimental'nogo silikoza. Gig Tr Prof Zabol 14:52-3, Feb 70 (Rus)  
AEROSOLS/ ANIMAL EXPERIMENTS/  
FEMALE/ INJECTIONS, INTRAMUSCULAR/  
RATS/ \*SILICOSIS, prevention & control/  
\*TRYPSIN, administration & dosage
828. Budyka LP: Vliianie preparatov lagokhilusa na protsess svertyvaniia krovi bol'nykh gemofiliei. Ter Arkh 42:86-9, Jan 70 (Rus)  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION FACTORS/ ENGLISH  
ABSTRACT/ \*HEMOPHILIA, drug therapy/  
HUMAN/ THROMBELASTOGRAPHY
829. Budzko DB, Müller-Eberhard HJ: Cleavage of the fourth component of human complement (C4) by C1 esterase: isolation and characteristics of the low molecular weight product. Immunochemistry 7:227-34, Feb 70  
AMINO ACIDS, analysis/ \*COMPLEMENT,  
analysis/ ELECTROPHORESIS, DISK/  
\*ESTERASES/ GEL FILTRATION/ HUMAN/  
IMMUNOCHEMISTRY/ MACROMOLECULAR  
SYSTEMS/ MOLECULAR WEIGHT/ TRYPSIN
830. Buffa P, Guarriera-Bobyleva V, Muscatello U, et al: Conformational changes of mitochondria associated with uncoupling of oxidative phosphorylation in vivo and in vitro. Nature (London) 226:272-4, 18 Apr 70  
ANIMAL EXPERIMENTS/  
\*BISHYDROXYCOUMARIN, pharmacodynamics/  
CHICK EMBRYO/ \*DINITROPHENOLS,  
pharmacodynamics/ HEART, embryology/ IN  
VITRO/ MICROSCOPY, ELECTRON/  
MITOCHONDRIA, LIVER, drug effects/  
MITOCHONDRIA, LIVER, metabolism/  
\*MITOCHONDRIA, MUSCLE, drug effects/  
\*MYOCARDIUM, cytology/ \*OXIDATIVE  
PHOSPHORYLATION, drug effects/  
\*PHENOLS, pharmacodynamics/ RATS/  
TISSUE CULTURE/ UNCOUPLING AGENTS,  
pharmacodynamics
831. Buglov ED, Dovgalev SI, Danilov IP: Novyi sposob poluchenia bestsitratnoi krovi. Voennomed Zh 12:86-8, Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ \*BLOOD TRANSFUSION/  
CELLULOSE/ \*CITRATES/ MICE/ MILITARY  
MEDICINE/ PHOSPHATES/ RABBITS/ USSR
832. Bühner M, Sund H: Yeast alcohol dehydrogenase: SH groups, disulfide groups, quaternary structure, and reactivation by reductive cleavage of disulfide groups. Europ J Biochem 11:73-9, Nov 69  
\*ALCOHOL OXIDOREDUCTASES/  
\*AMMONIUM COMPOUNDS/ CHEMISTRY/  
ENZYME ACTIVATION/ INDICATORS AND  
REAGENTS/ MERCAPTOETHANOL/ PEPTIDE  
HYDROLASES/ \*SULFHYDRYL COMPOUNDS/  
\*SULFIDES/ ULTRACENTRIFUGATION/  
YEASTS
833. Bukhari HI: Puerperal perigenital hematomas. Report of a case of broad ligament hematoma and review of literature. Arizona Med 27:81-6, May 70  
ADULT/ FEMALE/ GYNECOLOGIC  
DISEASES/ \*HEMATOMA/ HEMATOMA,  
diagnosis/ HUMAN/ \*PUERPERAL  
DISORDERS/ PUERPERAL DISORDERS,  
diagnosis
834. Bulai AA, Glukman LM: Izmenenie antikoaguliirulushchikh svoistv plazmy krovi posle privivok stafilokokkovym anatoksinom. Lab Delo 7:420-1, 1969 (Rus)  
ADOLESCENCE/ ADULT/  
ANTICOAGULANTS, blood/ \*BLOOD  
COAGULATION/ FEMALE/ HUMAN/  
PREGNANCY/ \*STAPHYLOCOCCAL TOXOID/  
VACCINATION
835. Bull BS, Kuhn IN: The production of schistocytes in fibrin strands (a scanning electron microscope study). Blood 35:104-11, Jan 70  
ADENOCARCINOMA, complications/  
ADENOCARCINOMA, diagnosis/ \*ANEMIA,  
HEMOLYTIC, blood/ ANEMIA, HEMOLYTIC,  
etiology/ ANEMIA, HEMOLYTIC, pathology/  
\*BLOOD COAGULATION DISORDERS, blood/  
BLOOD COAGULATION DISORDERS,  
pathology/ DIAGNOSIS, SURGICAL/  
\*ERYTHROCYTES, cytology/ \*FIBRIN/  
HUMAN/ LUNG, pathology/ MALE/  
\*MICROSCOPY, ELECTRON/ MICROSCOPY,  
ELECTRON, SCANNING/ MIDDLE AGE/  
POSTMORTEM CHANGES/ STOMACH  
NEOPLASMS, diagnosis
836. Bull BS, Rubenberg ML, Dacie JV, et al: Microangiopathic haemolytic anaemia: experimental production of fragmented erythrocytes in vitro. Biorheology 6:262, Jan 70  
\*ANEMIA, HEMOLYTIC, physiopathology/  
BLOOD COAGULATION/ \*ERYTHROCYTES/  
IN VITRO/ MOTION PICTURES
837. Buonanno G, Catalano G, Lombardi C, et al: I fatti plasmatici delle plastrinopoesi. VII. Ricerche diverse sostanze plasmatiche ad attività polenzianti ed inibitrici sulla plastrinopoesi e sul loro reciproci rapporti in varie condizioni sperimentali. Haematologica 54:253-68, 1969  
ANIMAL EXPERIMENTS/ BLOOD/ \*BLOOD  
PLATELETS, growth & development/  
ENGLISH ABSTRACT/ \*HEMATOPOIESIS/  
HUMAN/ HYDROGEN-ION CONCENTRATION  
RABBITS/ RATS/ SPLENECTOMY
838. Burdea M, Tudoranu A, Polak N, et al: Considera asupra inhibitorilor nespecifici ai streptolizinei. Med Intern (Bucur) 21:725-30, Jun 69 (Rus)  
\*ACRIDINES, pharmacodynamics/  
\*ANTISTREPTOLYSIN, analysis/ CHILD/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
\*HEPARIN, pharmacodynamics/ HEPATITIS  
blood/ HUMAN/ KIDNEY DISEASES, blood/  
\*RHEUMATIC FEVER, diagnosis/  
TUBERCULOSIS, blood
839. Burenkova LV: Ispol'zovanie sukhoi kapli syvorotki dlia opredeleniia antitel antirezus i ikh t. Sovet Zdravookhr Kirgiz 6:11-5, Nov-Dec 69 (Rus)  
\*ANTIBODIES, isolation & purification/  
ANTIGEN-ANTIBODY REACTIONS/ BLOOD  
BANKS/ BLOOD PRESERVATION/ BLOOD  
TRANSFUSION/ \*IMMUNE SERUMS/ \*RH  
FACTORS, analysis
840. Burge BW, Strauss JH Jr: Glycopeptides of membrane glycoprotein of Sindbis virus.



## AUTHOR SECTION

- J Molec Biol 47:449-66, 14 Feb 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHICK EMBRYO/  
\*ENCEPHALITIS VIRUSES, analysis/ FUCOSE,  
analysis/ GALACTOSE, analysis/ GEL  
FILTRATION/ GLUCOSAMINE, analysis/  
\*GLYCOPROTEINS, analysis/  
GLYCOPROTEINS, biosynthesis/ HAMSTERS/  
IN VITRO/ MANNOSE, analysis/  
MEMBRANES, analysis/ MOLECULAR  
WEIGHT/ PEPTIDE HYDROLASES/  
\*PEPTIDES, analysis/ TRITIUM/ \*VIRAL  
PROTEINS, analysis/ VIRUS CULTIVATION
841. Burger MM: Proteolytic enzymes initiating cell division  
and escape from contact inhibition of growth.  
Nature (London) 227:170-1, 11 Jul 70  
ANIMAL EXPERIMENTS/ \*CELL DIVISION/  
CELL LINE, drug effects/ CELL MEMBRANE,  
drug effects/ \*CONTACT INHIBITION, drug  
effects/ \*FIBROBLASTS, growth &  
development/ IN VITRO/ ISOFLUOROPHATE,  
pharmacodynamics/ MICE/ MUCOPROTEINS,  
pharmacodynamics/ \*PEPTIDE HYDROLASES,  
pharmacodynamics/ PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
STIMULATION, CHEMICAL/ \*TISSUE  
CULTURE/ TRYPSIN, pharmacodynamics
842. Burgert W Jr: Alpha 1-antitrypsin deficiency.  
Postgrad Med 47:63-6, May 70  
\*ALPHA GLOBULIN/ BLOOD PROTEIN  
ELECTROPHORESIS/ HUMAN/  
\*HYPOPROTEINEMIA, complications/  
HYPOPROTEINEMIA, familial & genetic/  
\*LUNG DISEASES, complications/  
SPECTROPHOTOMETRY/ \*TRYPSIN  
INHIBITORS, blood
843. Burgess MA, Garson OM, Gruchy GC de: Daunorubicin  
in the treatment of adult acute leukaemia.  
Med J Aust 1:629-35, 28 Mar 70  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ CHROMOSOME ABERRATIONS/  
\*DAUNOMYCIN, administration & dosage/  
DAUNOMYCIN, adverse effects/  
DAUNOMYCIN, therapeutic use/  
ERYTHREMIC MYELOSIS, drug therapy/  
FEMALE/ HUMAN/ \*LEUKEMIA, drug  
therapy/ LEUKEMIA, LYMPHOBLASTIC, drug  
therapy/ LEUKEMIA, MYELOBLASTIC, drug  
therapy/ LEUKEMIA, MYELOCYTIC, drug  
therapy/ MALE/ MIDDLE AGE/  
PREDNISOLONE, therapeutic use/  
THROMBOPENIA, chemically induced/  
VINCISTINE, therapeutic use
844. Burgio GR, Astaldi G, Genova R, et al: Die  
hämatopoetische Regeneration bei der akuten  
lymphatischen Leukämie des Kindes unter  
L-asparaginase-Behandlung.  
Schweiz Med Wschr 100:316-8, 14 Feb 70 (Ger)  
ASCORBIC ACID, therapeutic use/  
\*ASPARAGINASE, therapeutic use/ BONE  
MARROW CELLS, drug effects/ BONE  
MARROW EXAMINATION/ CHILD/  
ERYTHROPOIESIS, drug effects/  
\*HEMATOPOIESIS, drug effects/ HUMAN/  
LEUKEMIA, LYMPHOBLASTIC, blood/  
\*LEUKEMIA, LYMPHOBLASTIC, drug therapy/  
PENICILLIN, therapeutic use/ VITAMIN K,  
therapeutic use
845. Burgio GR, Vaccaro R: Vitamin K deficiency and  
so-called nodular purpura in infancy.  
Pediatrics 45:891-2, May 70  
DIARRHEA, INFANTILE, complications/  
HUMAN/ INFANT, NEWBORN/ PURPURA,  
complications/ \*VITAMIN K DEFICIENCY,  
complications
846. Burka ER, Schickling LF: Attachment of reticulocyte  
ribosomes to erythroid cell membranes in vitro.  
Biochemistry (Wash) 9:459-63, 3 Feb 70  
ANIMAL EXPERIMENTS/ BINDING SITES/  
\*CELL MEMBRANE/ CENTRIFUGATION,  
DENSITY GRADIENT/ EDTA/  
\*ERYTHROCYTES/ IN VITRO/ METHODS/  
PANCREAS, enzymology/  
PHENYLHYDRAZINE/ PHOSPHORUS
- ISOTOPES/ POLYCYTHEMIA, chemically  
induced/ RABBITS/ \*RETICULOCYTES/  
RIBONUCLEASE/ \*RIBOSOMES/ RIBOSOMES,  
drug effects/ TEMPERATURE/  
TRICHLOROACETIC ACID/ TRYPSIN
847. Burke JS, Simon GT: Electron microscopy of the  
spleen. II. Phagocytosis of colloidal carbon.  
Amer J Path 58:157-81, Jan 70  
ANIMAL EXPERIMENTS/ BASEMENT  
MEMBRANE/ BLOOD PLATELETS/ \*CARBON/  
COLLOIDS/ MACROPHAGES/  
\*PHAGOCYTOSIS/ RABBITS/  
\*RETICULOENDOTHELIAL SYSTEM,  
physiology/ \*SPLEEN, immunology
848. Burlachenko IS, Zhukova NA: Pojavlenie antitel anti-s  
(anti-hr') v sochetanii s antilekotsitarnymi antitelami  
u bol'nogo gemofilii.  
Probl Gemat 13:49-51, Jan 68 (Rus)  
ADOLESCENCE/ ANTIBODY FORMATION/  
\*AUTOANTIBODIES/ \*BLOOD TRANSFUSION/  
\*HEMOPHILIA, immunology/ HUMAN/  
\*ISOANTIBODIES/ \*LEUKOCYTES,  
immunology/ MALE/ \*RH FACTORS
849. Burmester HB, Aulton K, Horsfield GI: Evaluation of a  
rapid method for the determination of plasma  
fibrinogen. J Clin Path 23:43-6, Feb 70  
AFIBRINOGENEMIA, diagnosis/ \*FIBRINOGEN,  
analysis/ HUMAN/ METHODS/  
SPECTROPHOTOMETRY
850. Burns JJ: Therapeutic implications of drug  
metabolism. Pure Appl Chem 19:219-29, 1969  
ANALGESICS AND ANTIPYRETICS,  
metabolism/ ANIMAL EXPERIMENTS/  
ANTICOAGULANTS, metabolism/  
BIOTRANSFORMATION/ CATS/ DOGS/ DRUG  
THERAPY/ \*DRUGS, metabolism/ ENZYME  
INDUCTION/ GUINEA PIGS/ HUMAN/  
HYPNOTICS AND SEDATIVES, metabolism/  
METABOLIC CLEARANCE RATE/ MONKEYS/  
RABBITS/ RATS/ URICOSURIC AGENTS,  
metabolism
851. Burns JJ: Interaction of environmental agents and  
drugs. Environ Res 2:352-9, Oct 69  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS,  
metabolism/ ANTIPYRINE, metabolism/  
BENZOPYRENES, pharmacodynamics/  
CHLORDAN, pharmacodynamics/ DDT,  
pharmacodynamics/ DOGS/ \*DRUGS,  
metabolism/ \*ENVIRONMENT/  
ENVIRONMENTAL EXPOSURE/ ENZYME  
INDUCTION/ HUMAN/ MALE/ MICROSOMES,  
LIVER, metabolism/ MONKEYS/  
\*PHARMACOLOGY/ PHENOBARBITAL,  
pharmacodynamics/ PHENYLBUTAZONE,  
metabolism/ PHENYLBUTAZONE,  
pharmacodynamics/ RATS/ TOXICOLOGY/  
ZOXAZOLAMINE, metabolism
852. Burr IM, Renold AE, Stauffacher W, et al: [Regulation  
of insulin release in perfused pancreatic tissue]  
Acta Diabet Lat [Suppl] 1:580-96, Sep 69 (Mul)  
AMINO ACIDS, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ ANTIDIABETICS,  
pharmacodynamics/ ARGININE,  
pharmacodynamics/ FREEZING/ GLUCAGON,  
pharmacodynamics/ GLUCOSE,  
pharmacodynamics/ IN VITRO/ \*INSULIN,  
metabolism/ INSULIN, secretion/ ISLANDS  
OF LANGERHANS, enzymology/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ LEUCINE,  
pharmacodynamics/ PANCREAS, drug effects/  
\*PANCREAS, metabolism/ PERFUSION/  
RATS/ SULFONAMIDES, pharmacodynamics/  
TOLBUTAMIDE, pharmacodynamics
853. Burstein M, Morlin R: Précipitation des lipoprotéines  
sériques par des détergents anioniques en présence  
de cations bivalents.  
Rev Europ Etud Clin Biol 15:109-13, Jan 70 (Fre)  
\*DETERGENTS/ ELECTROPHORESIS/  
HUMAN/ IMMUNOELECTROPHORESIS/ IONS/  
\*LIPOPROTEINS, blood/ MAGNESIUM/  
METHODS/ PRECIPITATION/ PROTAMINES



## AUTHOR SECTION

854. Busch H, Roos D: Erste Schritte einer Datenverarbeitung (off-line) im klinisch-chemischen Arbeitsbereich (Statistische Qualitätskontrolle) München Med Wschr 111:1857-64, 15 Aug 69 (Ger)  
ALANINE AMINOTRANSFERASE, blood/  
\*AUTOMATIC DATA PROCESSING/ \*BLOOD BANKS, standards/ BLOOD PRESERVATION, standards/ COMPUTERS, DIGITAL/  
\*HEPATITIS, HOMOLOGOUS SERUM, prevention & control
855. Bush AK: Intramural hematoma of the duodenum. W Virginia Med J 65:395-8, Dec 69  
ADOLESCENCE/ \*ATHLETIC INJURIES/  
CASE REPORT/ \*DUODENUM, injuries/  
\*HEMATOMA/ HUMAN/ MALE
856. Bușilă VT, Dragomirescu M, Alexandrescu R, et al: Cercetări privind unele tulburări metabolice în tetanosul experimental. I. Modificări enzimatice. Stud Cercet Med Intern 10:547-52, 1969 (Rum)  
\*AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ \*CERULOPLASMIN, analysis/  
ENGLISH ABSTRACT/ \*PEPTIDE HYDROLASES, blood/ RABBITS/ \*TETANUS, enzymology/ TETANUS, metabolism
857. Bușilă VT, Mărza A, Dragomirescu M, et al: Cercetări privind modificările adrenalinemiei în șocul endotoxinic experimental. Stud Cercet Med Intern 10:453-8, 1969 (Rum)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ \*EPINEPHRINE, blood/  
HYDROCORTISONE, pharmacodynamics/  
\*SHOCK, ENDOTOXIC, blood
858. Bușilă VT, Mărza A, Dragomirescu M, et al: Acțiunea comparată a hemisuccinatului de hidroclorid și a acidului epsilon-aminocaproic în șocul endotoxinic experimental. Med Intern (Bucur) 22:361-70, Mar 70 (Rum)  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DOGS/ ENGLISH ABSTRACT/  
\*HYDROCORTISONE, pharmacodynamics/  
\*SHOCK, ENDOTOXIC, drug therapy
859. Bușilă VT, Mărza A, Dragomirescu M, et al: Efecte metabolice ale tratamentului antiproteolitic în șocul endotoxinic experimental. Fiziol Norm Pat 16:221-8, May-Jun 70 (Rum)  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ LACTATES, blood/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/  
PYRUVATES, blood/ \*SHOCK, ENDOTOXIC, drug therapy
860. Bustin M, Cole RD: Regions of high and low cationic charge in a lysine-rich histone. J Biol Chem 245:1458-66, 25 Mar 70  
AMINO ACID SEQUENCE/ \*AMINO ACIDS/  
AMINO ACIDS, analysis/ CHEMISTRY/  
CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN/ ELECTROPHORESIS/ GEL FILTRATION/ \*HISTONES/ HISTONES, analysis/  
HYDROGEN-ION CONCENTRATION/ LYSINE/ METHODS/ MURAMIDASE/ PEPTIDES, analysis/ PROLINE/ RABBITS/  
RIBONUCLEASE/ SPECTRUM ANALYSIS/  
\*THYMUS GLAND/ ULTRAVIOLET RAYS
861. Bustin M, Lin MC, Stein WH, et al: Activity of the reduced zymogen of streptococcal proteinase. J Biol Chem 245:846-9, 25 Feb 70  
AMINO ACIDS, analysis/ \*BIOCHEMISTRY/  
ENZYME ACTIVATION/ ENZYME PRECURSORS/ ESTERASES/ GEL FILTRATION/ GUANIDINES/ KINETICS/  
MERCAPTOETHANOL/ OXIDATION-REDUCTION/ PANCREAS, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/  
\*STREPTOCOCCUS, enzymology/ SULFIDES/ TRYPSIN/ ULTRAVIOLET RAYS/ UREA
862. Butenandt O, Marx R, Heimbürger N: Konstitutionelle Hypoproteithrombinämie. Mschr Kinderheilk 117:187-9, Apr 69 (Ger)  
BLOOD PROTEIN ELECTROPHORESIS/  
BLOOD TRANSFUSION/ CHILD, PRESCHOOL/  
FEMALE/ HUMAN/  
\*HYPOPROTHROMBINEMIAS, familial & genetic/ IMMUNOELECTROPHORESIS/  
PEDIGREE
863. Bütler R: Aspekte der Isoimmunisierung gegen Blutzellen und Plasmaeiweiße. Ther Umsch 26:703-7, Dec 69 (Ger)  
ANTIBODY FORMATION/ \*BLOOD CELLS, immunology/ \*BLOOD GROUP INCOMPATIBILITY, immunology/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION, adverse effects/  
ERYTHROCYTES, immunology/ FEMALE/ FETOMATERNAL TRANSFUSION/ HUMAN/  
\*ISOANTIBODIES/ \*ISOANTIGENS/  
LEUKOCYTES, immunology/ PREGNANCY/  
PREGNANCY COMPLICATIONS, HEMATOLOGIC, immunology/ \*SERUM ALBUMIN
864. Butler WT: Chemical studies on the cyanogen bromide peptides of rat skin collagen. The covalent structure of alpha 1-CB5, the major hexose-containing cyanogen bromide peptide of alpha 1. Biochemistry (Wash) 9:44-50, 6 Jan 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ \*COLLAGEN, analysis/ CYANIDES/ ELECTROPHORESIS/  
GALACTOSE, analysis/ GEL FILTRATION/  
GLUCOSE, analysis/ HEXOSES, analysis/  
IMINES, analysis/ LATHYRISM/ PEPTIDES, analysis/ RATS/ \*SKIN, analysis/ TRYPSIN
865. Buttaro CA, Silvestri D, Turchetti A: Porpora trombocitopenica da gravidanza. Minerva Med 61:424-8, 3 Feb 70 (Ita)  
ADULT/ ANIMAL EXPERIMENTS/ FEMALE/  
PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC/  
\*PURPURA, THROMBOGENIC
866. Buu-Hoi NP, Do-Phuoc-Hien, Huynh-Trong-Hieu: Effets des métaallocènes sur la métabolisation de certains médicaments chez le rat. C R Acad Sci [D] (Paris) 270:217-9, 5 Jan 70 (Fre)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ ETHYL BISCOUMACETATE, antagonists & inhibitors/  
\*ETHYL BISCOUMACETATE, metabolism/  
HAFNIUM/ IRON/ NICKEL/  
\*ORGANOMETALLIC COMPOUNDS, pharmacodynamics/ PARALYSIS, chemically induced/ RATS/ TITANIUM/ VANADIUM/  
ZIRCONIUM/ ZOXAZOLAMINE, antagonists & inhibitors/ \*ZOXAZOLAMINE, metabolism
867. Buxton B, Myers K: Enzyme-treated bovine arterial heterografts. II. In vivo assessment in the dog. Aust New Zeal J Surg 39:199-206, Nov 69  
ANIMAL EXPERIMENTS/ AORTA, THORACIC, surgery/ ARTERIES, pathology/  
\*ARTERIES, transplantation/ CAROTID ARTERIES, transplantation/ CATTLE/  
COLLAGEN, analysis/ COMPARATIVE STUDY/  
CONNECTIVE TISSUE, transplantation/ DOGS/  
ELASTICITY/ \*PEPTIDE HYDROLASES, pharmacodynamics/ TRANSPLANTATION, HETEROLOGOUS
868. Bye A, King HK: The biosynthesis of 4-hydroxycoumarin and dicoumarol by Aspergillus fumigatus Fresenius. Biochem J 117:237-45, Apr 70  
\*ASPERGILLUS, metabolism/ \*BENZOPYRAN biosynthesis/ \*BISYDROXYCOUMARIN, biosynthesis/ CARBON ISOTOPES/ ENZYME INDUCTION/ INFRARED RAYS/ \*LACTONE biosynthesis/ SPECTRUM ANALYSIS/  
TRITIUM/ ULTRAVIOLET RAYS
869. Bygdeman S: Farmaka som påverkar trombocyter adhesion- och aggregationsförmåga. En ny väg i antitrombotisk behandling.



# AUTHOR SECTION

- Nord Med 83:88, 15 Jan 70 (Swe)  
ADHESIVENESS/ \*BLOOD PLATELETS, drug effects/ \*DEXTRAN, therapeutic use/ HUMAN/ PYRIDINES, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ SURFACE PROPERTIES/ \*THROMBOSIS, drug therapy
870. Bygdeman S: Cerebrovaskulära sjukdomstillstånd. 7. Dextranbehandling vid trombos-sjukdomar. Lakartidningen 66:4090-3, 1 Oct 69 (Swe)  
BLOOD PLATELETS, drug effects/ \*DEXTRAN, therapeutic use/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ THROMBELASTOGRAPHY/ \*THROMBOSIS, drug therapy
871. Bygdeman S, Hamberg U: Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Scand J Clin Lab Invest Suppl 107:143+, 1969  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ BRADYKININ, pharmacodynamics/ ELEDOISIN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HUMAN/ STREPTOKINASE, pharmacodynamics/ TIME FACTORS
872. Bygdeman S, Hamberg U: Adenosine diphosphate-induced platelet aggregation; the effect with substituted amino acids and peptides. Scand J Clin Lab Invest 24:Suppl 107:143+, 1969  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ BRADYKININ, pharmacodynamics/ ELEDOISIN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HUMAN/ STREPTOKINASE, pharmacodynamics/ TIME FACTORS
873. Bygdeman S, Svensjö E, Tollerz G: Prevention of venous thrombosis. Lancet 2:419-20, 22 Aug 70  
DEXTRAN, therapeutic use/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, drug therapy/ \*THROMBOPHLEBITIS, prevention & control
874. Bygdeman S, Wells R: Studies of platelet adhesiveness, blood viscosity and the microcirculation in patients with thrombotic disease. J Atheroscler Res 10:33-9, Jul-Aug 69  
ADOLESCENCE/ ADULT/ AGED/ ARTERIOSCLEROSIS, physiopathology/ \*BLOOD CIRCULATION/ \*BLOOD PLATELETS/ BLOOD VESSELS, pathology/ \*BLOOD VISCOSITY/ CONJUNCTIVA, blood supply/ HEART VALVE DISEASES, physiopathology/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, physiopathology/ PHOTOMICROGRAPHY/ PLATELET ADHESIVENESS/ THROMBOPHLEBITIS, physiopathology/ THROMBOSIS, pathology/ \*THROMBOSIS, physiopathology
875. Bykov II: Vliianie dliitel'nogo primeneniia antikoagulantov nepriamogo deistviia na sostav belkov i lipidov syvorotki krovi. Vrach Delo 10:141-2, Oct 69 (Rus)  
ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ \*BLOOD PROTEINS, analysis/ \*CORONARY DISEASE, drug therapy/ HUMAN/ \*LIPIDS, blood/ MIDDLE AGE/ TIME FACTORS
876. Byshevskii ASH, Mikhailova LV: Reaktsiia organizma na vvedeniia trombina u zhivotnykh, podvergovshikhia dliitel'nomu vozde-istviu zvuka. Biull Eksp Biol Med 67:16-8, May 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ RATS/ \*SOUND, adverse effects/ \*THROMBIN
- Pol Tyg Lek 24:1720-2, 1 Oct 69 (Pol)  
BLOOD CIRCULATION/ ENGLISH ABSTRACT/ \*FIBRINOGEN, analysis/ HUMAN/ \*TETANUS, blood/ \*THROMBELASTOGRAPHY
878. Cabasso VJ, Louie RE, Hok KA, et al: Loss of rubella antibody from immune globulin treated with kaolin. Appl Microbiol 18:410-5, Sep 69  
ADSORPTION/ \*ANTIBODIES/ BLOOD PROTEIN ELECTROPHORESIS/ CHEMISTRY/ CHLORIDES/ GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S/ HEMAGGLUTINATION INHIBITION TESTS/ HEPARIN/ IMMUNE SERUMS, analysis/ \*KAOLIN, pharmacodynamics/ MANGANESE/ NEUTRALIZATION TESTS/ \*RUBELLA, immunology/ SPECTROPHOTOMETRY
879. Cabibbo S, Brunetti M: L'iso-immunizzazione anti-leucocitaria trasfusionale. Recent Progr Med (Roma) 44:435-85, May 68 (301 ref.) (Ita)  
ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD GROUP INCOMPATIBILITY/ \*BLOOD TRANSFUSION, adverse effects/ FEMALE/ FIBRINOLYSIS/ GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 19S/ HISTOCOMPATIBILITY TESTING/ HUMAN/ \*ISOANTIBODIES/ \*ISOANTIGENS/ \*LEUKOCYTES, immunology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC/ REVIEW
880. Cacchione E, Tallarico A: Sobre el tratamiento de flemones y abscesos de origen dentario con Tetraciclina-L-Metilenlisina mas tripsina-alfaquitotripsina por via oral. Rev Circ Argent Odont 33:42-8, Apr 70 (Spa)  
ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ DRUG SYNERGISM/ PERIAPICAL ABSCESS, drug therapy/ PHLEGMON, drug therapy/ SPECIAL LIST DENTAL/ TETRACYCLINE, therapeutic use/ TRYPSIN, therapeutic use
881. Cachera JP, Kieffer E, Dubost C: Les hémorragies post-opératoires en chirurgie cardiaque sous circulation extra-corporelle. J Chir (Paris) 99:97-107, Feb 70 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ HEART DEFECTS, CONGENITAL, surgery/ HEART DISEASES, surgery/ \*HEART SURGERY/ HEART VALVE DISEASES, surgery/ \*HEMORRHAGE, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS/ TETRALOGY OF FALLOT, surgery/ TIME FACTORS
882. Cade JF, Hirsh J, Clarebrough JK: Anticoagulants after open-heart surgery. Med J Aust 2:5-6, 4 Jul 70  
ADMINISTRATION, ORAL/ \*HEART SURGERY/ HUMAN/ LONG TERM CARE/ POSTOPERATIVE CARE/ \*WARFARIN, administration & dosage
883. Caderas de Kerleau J, Durand G, Izarn P, et al: Métorrhagies graves chez une fibromateuse thrombocytopénique. Traitement chirurgical. Bull Fed Gynec Obstet Franc 22:124, Jan-Mar 70 (Fre)  
CASE REPORT/ FEMALE/ HUMAN/ \*LEIOMYOMA, complications/ \*METRORRHAGIA, etiology/ METRORRHAGIA, surgery/ MIDDLE AGE/ \*THROMBOPENIA, complications/ \*UTERINE NEOPLASMS, complications
884. Caen J, Legrand Y, Sultan Y, et al: Allongement du temps de saignement et anomalies du collagène. Nouv Rev Franc Hemat 10:426-30, May-Jun 70 (Fre)  
ADOLESCENCE/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS/



## AUTHOR SECTION

- COLLAGEN, analysis/ \*COLLAGEN DISEASES, complications/ COLLAGEN DISEASES, pathology/ FEMALE/ HEMOSTASIS/ HUMAN/ SKIN, analysis/ TIME FACTORS
885. Caen JP: Platelet-collagen reaction and bleeding syndrome. *Lancet* 1:568, 14 Mar 70  
AGED/ BLOOD PLATELET DISORDERS, blood/ \*BLOOD PLATELETS, drug effects/ \*COLLAGEN, pharmacodynamics/ FEMALE/ \*HEMORRHAGIC DIATHESIS, blood/ HUMAN/ VON WILLEBRAND'S DISEASE, blood
886. Caen JP, Sultan Y, Delobel J: Les thrombopathies acquises.  
*Nouv Rev Franc Hemat* 9:553-69, Jul-Aug 69 (Fre)  
ADENINE NUCLEOTIDES, metabolism/ ADULT/ AGED/ ALKALOIDS, pharmacodynamics/ ANEMIA, SIDEROBLASTIC, complications/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, enzymology/ \*BLOOD PLATELET DISORDERS, etiology/ CLOT RETRACTION/ COLCHICINE, pharmacodynamics/ FEMALE/ GLYCOGEN, metabolism/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ \*LEUKEMIA, MYELOCYTIC, complications/ MALE/ MEGAKARYOCYTES/ MIDDLE AGE/ MONGOLISM, complications/ PLATELET ADHESIVENESS/ PROTHROMBIN, metabolism
887. Caillard B, Brenot JL, Riffe G, et al: Manifestations cardiaques au cours de la pancréatite aiguë.  
*Anesth Analg (Paris)* 26:911-8, Nov-Dec 69 (Fre)  
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ELECTROCARDIOGRAPHY/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, etiology/ MYOCARDIUM, pathology/ \*PANCREATITIS, complications/ PANCREATITIS, drug therapy/ PANCREATITIS, pathology/ SHOCK
888. Caille B, Baillon R, Bocquet L, et al: Une observation d'anglome de l'intestin grêle chez l'enfant.  
*Arch Franc Pediat* 26:581-9, May 69 (Fre)  
AGE FACTORS/ ANEMIA, HYPOCHROMIC, etiology/ CASE REPORT/ CHILD/ FEMALE/ \*HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, occurrence/ HUMAN/ \*INTESTINAL NEOPLASMS/ INTESTINAL NEOPLASMS, classification/ INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, diagnosis/ INTESTINAL NEOPLASMS, occurrence/ INTESTINAL NEOPLASMS, radiography
889. Cajola G: Tempo di protrombina nei ratti con steatosi epatica sperimentale.  
*Boll Soc Ital Biol Sper* 44:1850, 30 Nov 68 (Ita)  
ANIMAL EXPERIMENTS/ \*FATTY LIVER, blood/ \*PROTHROMBIN TIME/ RATS
890. Cajozzo A, Citarrella P, D'Eredità F: Sul comportamento dei tests dell'emostasi in soggetti aterosclerotici trattati con HCG.  
*Boll Soc Ital Biol Sper* 46:315-7, 31 Mar 70 (Ita)  
\*ARTERIOSCLEROSIS, drug therapy/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN
891. Calet C, Blum JC: Les vitamines de l'oeuf au cours de sa conservation. *Ann Nutr (Paris)* 24:B201-26, 1970 (Fre)  
ASCORBIC ACID, analysis/ CAROTENOIDS, analysis/ EGG WHITE, analysis/ EGG YOLK, analysis/ \*EGGS, analysis/ \*FOOD PRESERVATION/ HYDROGEN-ION CONCENTRATION/ VITAMIN A, analysis/ VITAMIN B COMPLEX, analysis/ VITAMIN D, analysis/ VITAMIN E, analysis/ VITAMIN K, analysis/ \*VITAMINS, analysis/ VITELLINE MEMBRANE
892. Calissano P, Moore BW, Friesen A: Effect of calcium ion on S-100, a protein of the nervous system.  
*Biochemistry (Wash)* 8:4318-26, Nov 69  
ACRYLATES/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ ANTIGENS/ \*BRAIN CHEMISTRY/ \*CALCIUM/ CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/ CYSTEINE/ ELECTROPHORESIS/ FLUOROMETRY/ GEL DIFFUSION TESTS/ IMMUNE SERUMS/ MAGNESIUM/ METHODS/ \*NERVE TISSUE PROTEINS/ OPTICAL ROTATORY DISPERSION/ PHENYLALANINE/ POTASSIUM/ PROTEIN BINDING/ PROTEIN DENATURATION/ RABBITS/ SODIUM/ SOLUBILITY/ SPECTROPHOTOMETRY/ STRONTIUM/ SULFHYDRYL COMPOUNDS, analysis/ TIME FACTORS/ TRYPTOPHAN/ TYROSINE, analysis/ UREA/ VISCOSITY
893. Call FL 2d, Williams WJ: Biosynthesis of cytidine diphosphate diglyceride by human platelets.  
*J Clin Invest* 49:392-9, Feb 70  
BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ BUFFERS/ CELL MEMBRANE, enzymology/ \*CYTOSINE NUCLEOTIDES, biosynthesis/ CYTOSINE NUCLEOTIDES, metabolism/ \*GLYCERIDES, biosynthesis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MAGNESIUM, pharmacodynamics/ PHOSPHONITIDES, biosynthesis/ PHOSPHOLIPIDS, metabolism/ TEMPERATURE
894. Callaghan TE: Asymptomatic threefold pathology of the oral mucosa: case report.  
*J Irish Dent Ass* 15:129-30, Dec 69  
HEMANGIOMA, pathology/ LICHEN PLANUS, pathology/ MOUTH DISEASES, pathology/ PIGMENTATION DISORDERS, pathology/ SPECIAL LIST DENTAL
895. Callahan CJ: Postparturient infections of dairy cattle.  
*J Amer Vet Med Ass* 155:1963-7, 15 Dec 69  
ABSCISS/ CATTLE/ \*CATTLE DISEASES/ CHRONIC DISEASE/ ENDOMETRITIS, veterinary/ FEMALE/ FETAL MEMBRANES/ HEMATOMA, veterinary/ INFECTION, etiology/ \*INFECTION, veterinary/ PREGNANCY/ PUERPERAL DISORDERS, etiology/ \*PUERPERAL DISORDERS, veterinary/ \*UTERINE DISEASES, veterinary/ VAGINAL DISEASES, veterinary/ VULVA, injuries
896. Callender C, Matory WE: Abdominal trauma at the Howard University Hospital.  
*J Nat Med Ass* 62:147-52, Mar 70  
\*ABDOMINAL INJURIES/ ABDOMINAL INJURIES, complications/ ABDOMINAL INJURIES, therapy/ ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ WOUND INFECTION, prevention & control
897. Camerman N, Hofmann T, Jones T, et al: A crystalline proteinase (peptidase A) from *Penicillium lanthiellum*: preliminary X-ray data.  
*J Molec Biol* 44:569-70, 28 Sep 69  
CRYSTALLIZATION/ \*PENICILLIUM, enzymology/ \*PEPTIDE HYDROLASES, analysis/ X-RAY DIFFRACTION
898. Cameron BF, George P: Factors influencing the absorption spectrum of vertebrate hemoglobin I solution. *Biochim Biophys Acta* 194:16-24, 11 Nov 69  
ANTICOAGULANTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ DIALYSIS/ DRUG STABILITY/ DRUG STORAGE/ FREEZING/ GEL FILTRATION/ \*HEMOGLOBIN/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*METHEMOGLOBIN/ METHODS/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ SPECTROPHOTOMETRY/ TEMPERATURE/ TIME FACTORS/ UREA
899. Camp FR Jr, Shields CE, Lawrence MW: Evaluation automated multichannel blood grouping apparatus. Studies on detection of human hemagglutinin.  
*USAMRL Report No. 828*  
*US Army Med Res Lab* 1-3, 11 Jul 69  
\*ANTIBODIES, analysis/ ANTIBODIES,



## AUTHOR SECTION

- HETEROTYPIC/ AUTOMATION/ BINDING SITES/ \*BLOOD GROUPS/ BROMELAINS, pharmacodynamics/ COOMBS' TEST/ ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ HISTOCOMPATIBILITY TESTING, instrumentation/ HUMAN/ MALE/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, pharmacodynamics/ POLYVINYLPIRROLIDONE, pharmacodynamics/ PREGNANCY/ SERUM ALBUMIN, BOVINE/ SYPHILIS SERODIAGNOSIS/ TRYPSIN, pharmacodynamics
900. Camp FR Jr, Shields CE, Kaplan HS, et al: Study of military blood banking and crossmatching using blood group antigens stored over five months in ACD-adenine (progress report). Rep No 816. US Army Med Res Lab 1-11, 10 Mar 69  
ABO FACTORS/ ADENINE, pharmacodynamics/ ANTIGENS/ \*BLOOD BANKS/ \*BLOOD GROUPS/ \*BLOOD PRESERVATION/ CITRATES, pharmacodynamics/ \*DRUG STORAGE/ ERYTHROCYTES, immunology/ GLUCOSE, pharmacodynamics/ HUMAN/ MILITARY MEDICINE/ RH FACTORS/ TIME FACTORS
901. Camp FR Jr, Shields CE, Kaplan HS, et al: Study of military blood banking and crossmatching using blood group antigens stored over five months in ACD-adenine. Milit Med 134:1317-22, Oct 69  
ADENINE/ \*ANTIGENS/ \*BLOOD BANKS/ \*BLOOD GROUPS/ \*BLOOD PRESERVATION/ ERYTHROCYTES, immunology/ HUMAN/ \*MILITARY MEDICINE
902. Campbell IM, Bentley R: Inhomogeneity of vitamin K2 in *Escherichia coli*. Biochemistry (Wash) 8:4651-5, Nov 69  
CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ CULTURE MEDIA/ DEXTRAN/ \*ESCHERICHIA COLI/ ESCHERICHIA COLI, growth & development/ FATTY ACIDS/ GEL FILTRATION/ LIPIDS, isolation & purification/ METHODS/ NAPHTHOQUINONES, analysis/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ UBIQUINONE/ \*VITAMIN K/ VITAMIN K, analysis
903. Canal Y: Acquisitions récentes de la crénotherapie en phlébologie. Phlébologie 22:211-7, Apr-Jun 69 (Fre)  
BLOOD COAGULATION/ BLOOD PROTEIN ELECTROPHORESIS/ EDEMA, etiology/ FRANCE/ LEG ULCER, etiology/ LEG ULCER, therapy/ \*MINERAL WATERS/ PHLEBITIS, complications/ PHLEBITIS, therapy/ PROTHROMBIN TIME/ SKIN MANIFESTATIONS/ VARICOSE VEINS, complications/ VARICOSE VEINS, therapy/ \*VASCULAR DISEASES, therapy
904. Candela F, Santagata P: L'emangiopericitoma. Contributo clinico ed anatomopatologico. Rass Int Clin Ter 50:151-8, 15 Feb 70 (Ita)  
ADOLESCENCE/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ \*HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ \*NECK NEOPLASMS/ NECK NEOPLASMS, pathology
905. Canfield CJ: Renal and hematologic complications of acute falciparum malaria in Vietnam. Bull NY Acad Med 45:1043-57, Oct 69  
ACUTE DISEASE/ ADULT/ \*ANEMIA, etiology/ \*BLOOD COAGULATION DISORDERS/ HUMAN/ \*KIDNEY FAILURE, ACUTE, etiology/ \*LEUKOPENIA, etiology/ \*MALARIA, complications/ MALE/ \*MILITARY MEDICINE/ \*PLASMODIUM FALCIPARUM/ VIETNAM
906. Cañizares C, Rodriguez A, De Leon C, et al: Control de la terapéutica con dicumaroles por medio de las pruebas de tolerancia a la heparina "in vitro" y la tromboelastografía. Sangre (Barc) 15:170-5, 1970 (Spa)  
\*BISHYDROXYCOUMARIN, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*HEPARIN, diagnostic use/ HEPARIN CO-FACTOR, analysis/ HUMAN/ IN VITRO/ \*THROMBELASTOGRAPHY
907. Cannon DC: Immunoglobulin analysis in clinical diagnosis. 2. Immuno-electrophoresis. Postgrad Med 46:55-9, Sep 69  
ANTIGENS, analysis/ BLOOD PROTEIN DISORDERS, diagnosis/ \*BLOOD PROTEINS, analysis/ CERULOPLASMIN, analysis/ COMPLEMENT, analysis/ FIBRINOGEN, analysis/ \*GAMMA GLOBULIN, 7S, analysis/ HUMAN/ IMMUNE SERUMS, analysis/ \*IMMUNOELECTROPHORESIS/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis
908. Cantadori E, Canova R: Il trattamento delle trombosi venose retiniche con associazione di SP54 (Fibrase) e dicloroetanoato di diisopropilammonio (Diedl). Minerva Oftal 11:126-32, Jul-Aug 69 (Ita)  
\*ACETIC ACIDS, therapeutic use/ ADULT/ AGED/ ENGLISH ABSTRACT/ \*HEPARINOID, therapeutic use/ HUMAN/ MIDDLE AGE/ \*PROPYLAMINES, therapeutic use/ \*RETINAL VESSELS/ \*THROMBOPHLEBITIS, drug therapy/ \*THROMBOSIS, drug therapy
909. Cantore GP, Moscatelli G, Silipo P: Il quadro radiografico degli angiomi midollari. Note critiche. Nunt Radiol 34:329-53, Apr 68 (Ita)  
ADULT/ AGED/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ \*SPINAL CORD NEOPLASMS, radiography
910. Cantu RC: Factors influencing postischemic cerebral vascular obstruction. Surg Forum 20:426-8, 1969  
ANEMIA/ ANIMAL EXPERIMENTS/ ANOXIA/ ANTICOAGULANTS, therapeutic use/ AORTA/ \*CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ \*CEREBRAL ISCHEMIA, TRANSIENT, complications/ EPINEPHRINE, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ GLUCOSE, therapeutic use/ HEMOSTASIS/ HYPERCAPNIA/ HYPERVENTILATION/ MANNITOL, therapeutic use/ \*OSMOLAR CONCENTRATION/ RABBITS
911. Cantu RC: Successful excision of a giant scalp hemangioendothelioma in an infant. Int Surg 53:293-5, Apr 70  
\*HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ \*SCALP/ \*SKIN NEOPLASMS
912. Cantu RC, Hegsted DM: Comparison of cerebrovascular perfusion after ischemia in normal and atherosclerotic rabbits. J Surg Res 10:129-31, Mar 70  
ANIMAL EXPERIMENTS/ \*CEREBRAL ARTERIOSCLEROSIS, physiopathology/ \*CEREBROVASCULAR CIRCULATION/ CHOLESTEROL, blood/ CORNEA, pathology/ DIET, ATHEROGENIC/ GLUCOSE, pharmacodynamics/ IRIS, pathology/ \*ISCHEMIA, physiopathology/ MANNITOL, pharmacodynamics/ PERFUSION/ RABBITS
913. Capel-Edwards K, Hall DE: Haematological observations on the squirrel monkey. Folia Primat (Basel) 12:142-60, 1970  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD CELLS/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD VOLUME/ ERYTHROCYTES/ FEMALE/ HEMATOCRIT/ HEMATOLOGY/ LEUKOCYTES/ MALE/ \*MONKEYS
914. Capet-Antonini FC: Role du calcium dans la structure du fibrinogène. Biochim Biophys Acta 200:497-507, 31 Mar 70 (Fre)  
\*CALCIUM/ CATTLE/ CHEMISTRY/ CHEMISTRY, ANALYTICAL/ CONDUCTOMETRY/ \*EDTA/ ENGLISH ABSTRACT/ \*FIBRINOGEN/ HYDROGEN-ION



# AUTHOR SECTION

- CONCENTRATION/ KINETICS/ OPTICAL  
ROTATORY DISPERSION/  
SPECTROPHOTOMETRY/ TEMPERATURE/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS
915. Capet-Antonini FC, Guinand S: Effet de la température sur la structure du fibrinogène.  
Biochim Biophys Acta 200:486-96, 31 Mar 70 (Fre)  
CATTLE/ CHEMISTRY/ CHEMISTRY,  
ANALYTICAL/ ENGLISH ABSTRACT/  
\*FIBRINOGEN/ LIGHT/ MOLECULAR  
WEIGHT/ ROTATION/  
SPECTROPHOTOMETRY/ TEMPERATURE/  
TRYPTOPHAN/ TYROSINE/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS
916. Čápková L, Rudolf V: Použitel'nosť sialografie pri diagnostikovaní hemangiómov prúšnej žľazy u dojčiat. Bratisl Lek Listy 53:191-4, Feb 70 (Slo)  
AGE FACTORS/ ENGLISH ABSTRACT/  
FEMALE/ HEMANGIOMA, pathology/  
\*HEMANGIOMA, radiography/ HUMAN/  
INFANT/ MALE/ PAROTID NEOPLASMS,  
pathology/ \*PAROTID NEOPLASMS,  
radiography/ \*SIALOGRAPHY, utilization
917. Cappello F: Prospettive di profilassi delle emorragie da discoagulopatia del post-partum.  
Arch Ostet Gynec 74:301-10, Jul-Aug 69 (Ita)  
ANTIFIBRINOLYTIC AGENTS, administration  
& dosage/ \*BLOOD COAGULATION  
DISORDERS, prevention & control/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMORRHAGE,  
POSTPARTUM, prevention & control/  
HUMAN/ INJECTIONS, INTRAMUSCULAR/  
\*LABOR COMPLICATIONS, prevention &  
control/ PREGNANCY
918. Capra JD, Kunkel HG: Aggregation of gamma-G3 proteins: relevance to the hyperviscosity syndrome.  
J Clin Invest 49:610-21, Mar 70  
\*BENCE JONES PROTEIN/ BENCE JONES  
PROTEIN, analysis/ BLOOD PROTEIN  
DISORDERS, etiology/ \*BLOOD PROTEIN  
DISORDERS, etiology/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD VISCOSITY/  
CHEMISTRY/ \*GAMMA GLOBULIN, 7S/  
GAMMA GLOBULIN, 7S, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
MOLECULAR WEIGHT/ MULTIPLE  
MYELOMA, complications/ MULTIPLE  
MYELOMA, etiology/ PEPTIDES, analysis/  
ULTRACENTRIFUGATION
919. Caramia G, Brunl L: Malattia di Burgio in soggetto affetto da cellachia.  
Minerva Pediat 22:487-90, 10 Mar 70 (Ita)  
CASE REPORT/ \*CELIAC DISEASE,  
complications/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ INTESTINAL  
ABSORPTION/ \*PURPURA, complications/  
VITAMIN K DEFICIENCY
920. Cardinaud R, Baker BR: Irreversible enzyme inhibitors. CLXXII. Proteolytic enzymes. XVI. Covalent bonding of the sulfonyl fluoride group to serine outside the active site of alpha-chymotrypsin by exo-type active-site directed irreversible inhibitors.  
J Med Chem 13:467-70, May 70  
\*BINDING SITES/ \*CHYMOTRYPSIN,  
antagonists & inhibitors/ FLUORIDES/  
METHODS/ \*SERINE
921. Caren R, Corbo L: Transfer of plasma lipid to platelets by action of glucagon. Metabolism 19:598-607, Aug 70  
ADULT/ ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, drug effects/ \*BLOOD  
PLATELETS, metabolism/ CHOLESTEROL,  
blood/ DOGS/ GLUCAGON, administration &  
dosage/ \*GLUCAGON, metabolism/ HUMAN/  
INJECTIONS, INTRAVENOUS/ \*LIPIDS, blood
922. Carignola W, Della Rocca L, Garbagnati N, et al: Variazioni indotte dalla terapia antidiabetica sull'emocoagulazione. Clin Ter 51:31-9, Oct 69 (Ita)  
ADULT/ AGED/ \*ANTIDIABETICS, adverse  
effects/ \*BLOOD COAGULATION DISORDERS,  
chemically induced/ BLOOD COAGULATION
- TESTS/ \*DIABETES MELLITUS, drug therapy/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE
923. Carile L: Sulla terapia vasculoprotettiva in alcune sindromi emorragiche.  
Clin Ter 45:445-60, 15 Jun 68 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
PLATELET DISORDERS, drug therapy/  
\*CAPILLARY PERMEABILITY, drug effects/  
\*CARDIOVASCULAR DISEASES, drug therapy/  
CHILD/ \*COUMARINS, therapeutic use/  
DIABETIC ANGIOPATHIES, drug therapy/  
GAUCHER'S DISEASE, drug therapy/  
\*GOITER, EXOPHTHALMIC, drug therapy/  
\*HEMORRHAGIC DIATHESIS, drug therapy/  
\*HODGKIN'S DISEASE, drug therapy/  
HUMAN/ \*LIVER DISEASES, drug therapy/  
MIDDLE AGE/ \*PURPURA, THROMBOPENIC,  
drug therapy/ RHEUMATIC FEVER, drug  
therapy/ SARCOMA, drug therapy
924. Carmichael JH, Mansfield AO, Parry EW: Streptokinase for pulmonary embolism.  
Lancet 2:418-9, 22 Aug 70  
ANGIOGRAPHY/ FIBRINOLYSIS/ HUMAN/  
IOTHALAMIC ACID, therapeutic use/  
PHLEBOGRAPHY/ \*PULMONARY EMBOLISM,  
drug therapy/ PULMONARY EMBOLISM,  
surgery/ SORBITOL, therapeutic use/  
\*STREPTOKINASE, therapeutic use
925. Carré L, Apfelbaum M, Trémolières J: Effets du taux de lipides du régime sur les besoins du rat en quatre vitamines du groupe B.  
Nutr Dieta (Basel) 11:241-50, 1969 (Fre)  
ANIMAL EXPERIMENTS/ ANIMAL  
NUTRITION/ CHOLESTEROL/ DEPRESSION,  
CHEMICAL/ DIET/ DIET, ATHEROGENIC/  
\*DIETARY FATS/ ENGLISH ABSTRACT/  
GROWTH, drug effects/ MALE/  
NICOTINAMIDE, metabolism/ NICOTINAMIDE,  
urine/ NUTRITIONAL REQUIREMENTS/  
\*PANTOTHENIC ACID, metabolism/  
PANTOTHENIC ACID, urine/ \*PYRIDOXINE,  
metabolism/ PYRIDOXINE, urine/ RATS/  
\*RIBOFLAVIN, metabolism/ RIBOFLAVIN,  
urine/ STIMULATION, CHEMICAL/  
\*THIAMINE, metabolism/ THIAMINE, urine/  
TIME FACTORS
926. Carrea R, Girado JM: Angiomatous and fistulous arteriovenous aneurysm in children.  
Progr Brain Res 30:433-9, 1968  
ARTERIOVENOUS FISTULA, congenital/  
ARTERIOVENOUS FISTULA, mortality/  
\*ARTERIOVENOUS FISTULA, surgery/ BRAIN  
NEOPLASMS, mortality/ \*BRAIN NEOPLASMS,  
surgery/ CHILD/ CHILD, PRESCHOOL/  
HEMANGIOMA, mortality/ \*HEMANGIOMA,  
surgery/ HUMAN/ INFANT/ METHODS/  
POSTOPERATIVE COMPLICATIONS, mortality/  
TIME FACTORS/ VERTEBRAL ARTERY,  
radiography
927. Carretero OA, Nasjletti A, Inoué A, et al: Kininogen and kininogenase activity in pregnancy and hepatic failure. Amer J Med Sci 259:182-6, Mar 70  
ADULT/ \*ALPHA GLOBULIN, analysis/  
ASCITES, enzymology/ ASCITIC FLUID,  
enzymology/ BIOLOGICAL ASSAY/ ENZYME  
PRECURSORS, analysis/ \*ENZYME  
PRECURSORS, blood/ ENZYMES, blood/  
FEMALE/ GESTATIONAL AGE/ HUMAN/  
KALLIKREIN, blood/ KININS, analysis/  
\*KININS, blood/ \*LIVER DISEASES,  
enzymology/ MALE/ \*PEPTIDE  
PEPTIDOHYDROLASES, blood/ PLASMA/  
\*PREGNANCY/ SEX FACTORS
928. Carrico RJ, Deutsch HF: Isolation of human hepatocuprein and cerebrocuprein. Their identity with erythrocuprein.  
J Biol Chem 244:6087-93, 25 Nov 69  
AMINO ACIDS, analysis/ \*BLOOD PROTEIN  
analysis/ \*BRAIN CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
COPPER, analysis/ DIALYSIS/ ELECTRON  
SPIN RESONANCE/ ELECTROPHORESIS/  
ERYTHROCYTES, enzymology/ GEL  
FILTRATION/ HUMAN/ \*LIVER EXTRACTS



## AUTHOR SECTION

analysis/ \*NERVE TISSUE PROTEINS,  
analysis/ NERVE TISSUE PROTEINS, isolation  
& purification/ PEPTIDES, analysis/  
\*PROTEINS, analysis/ PROTEINS, isolation &  
purification/ TRYPSIN

929. Carruthers M, Conway N, Somerville W, et al: Validity of plasma-catecholamine estimations. *Lancet* 1:62-7, 11 Jul 70  
BLOOD PRESERVATION/ \*BLOOD SPECIMEN COLLECTION/ \*CATECHOLAMINES, blood/ CATHETERIZATION/ EPINEPHRINE, blood/ FREEZING/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ NOREPINEPHRINE, blood/ PUNCTURES/ VEINS

930. Carruthers M, Taggart P, Somerville W: Plasma-catecholamine estimations. *Lancet* 2:421, 22 Aug 70  
ACID-BASE EQUILIBRIUM/ BLOOD PRESERVATION/ \*CATECHOLAMINES, blood/ METHODS/ MONOAMINE OXIDASE, blood/ TEMPERATURE/ TRANSFERASES, blood

931. Carry C, Benichoux R: La mesure du débit vasculaire. *Biol Med (Paris)* 58:173-284, May-Jun 69 (225 ref.) (Fre)

ANIMAL EXPERIMENTS/ AORTA, physiology/ BALLISTOCARDIOGRAPHY/ BIOPHYSICS/ \*BLOOD CIRCULATION, analysis/ BLOOD CIRCULATION, instrumentation/ BLOOD CIRCULATION TIME/ BLOOD PRESSURE/ BLOOD VISCOSITY/ CONDUCTOMETRY/ DENSITOMETRY/ ELASTICITY/ ELECTRONICS, MEDICAL/ ERYTHROCYTES/ HEMODYNAMICS/ INDICATOR DILUTION TECHNIQUES/ METHODS/ NUCLEAR MAGNETIC RESONANCE/ PLETHYSMOGRAPHY/ POLAROGRAPHY/ REVIEW/ RHEOLOGY/ ULTRASONICS/ VASOMOTOR SYSTEM, physiology/ VENAE CAVAE, physiology

932. Carter TL: Henri se coagule. *Infirm Canad* 12:46-7, May 70 (Fre)  
BLOOD COAGULATION/ SPECIAL LIST NURSING

933. Cartier P, Marchand JC, Garreau H: La séparation des cellules sanguines. *Ann Biol Clin (Paris)* 27:134-57, Mar-Apr 69 (112 ref.) (Fre)

ADHESIVENESS/ AGGLUTINATION/ \*BLOOD CELLS/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ CENTRIFUGATION/ ELECTROPHORESIS/ ERYTHROCYTES/ FILTRATION/ HEMOLYSIS/ LEUKOCYTES/ LYMPHOCYTES/ MONOCYTES/ REVIEW

934. Carton D, Dhondt F, De Schrijver F, et al: Histidinemia. *Helv Paediat Acta* 25:127-34, Apr 70  
ACETIC ACIDS, urine/ ACRYLATES, urine/ ADOLESCENCE/ ALANINE, blood/ ALANINE, urine/ GLYCINE, blood/ GLYCINE, urine/ HISTIDINE, blood/ \*HISTIDINE, metabolism/ HISTIDINE, urine/ HUMAN/ \*IMIDAZOLES, urine/ LACTATES, urine/ \*LYASES, metabolism/ MALE/ \*METABOLISM, INBORN ERRORS/ PURPURA, THROMBOPENIC/ PYRUVATES, urine/ SERINE, blood/ SERINE, urine/ THREONINE, blood/ THREONINE, urine

935. Cartwright B, Smale CJ, Brown F: Surface structure of vesicular stomatitis virus. *J Gen Virol* 5:1-10, Jul 69  
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL LINE, immunology/ COMPLEMENT FIXATION TESTS/ GUINEA PIGS/ HAMSTERS/ KIDNEY/ MICE/ MICROSCOPY, ELECTRON/ NEUTRALIZATION TESTS/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHORUS ISOTOPES/ \*TRYPSIN, pharmacodynamics/ \*VESICULAR STOMATITIS VIRUS/ VESICULAR STOMATITIS VIRUS, drug effects/ VESICULAR STOMATITIS VIRUS, immunology

936. Cartwright B, Smale CJ, Brown F: Dissection of vesicular stomatitis virus into the infective

ribonucleoprotein and immunizing components.

*J Gen Virol* 7:19-32, Apr 70  
AMINO ACIDS/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, pharmacodynamics/ CARBON ISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ DEXTRAN, pharmacodynamics/ GUINEA PIGS/ HAMSTERS/ IMMUNE SERUMS/ KIDNEY/ MICE/ MICROSCOPY, ELECTRON/ NEUTRALIZATION TESTS/ PHOSPHORUS ISOTOPES/ PHOSPHOTUNGSTIC ACID/ POTASSIUM/ RIBONUCLEASE, pharmacodynamics/ \*RNA, VIRAL, analysis/ RNA, VIRAL, isolation & purification/ SODIUM, pharmacodynamics/ STAINS AND STAINING/ SUCROSE/ SULFATES, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TARTRATES/ TRITIUM/ TRYPSIN, pharmacodynamics/ URIDINE/ \*VESICULAR STOMATITIS VIRUS, analysis/ VESICULAR STOMATITIS VIRUS, drug effects/ VESICULAR STOMATITIS VIRUS, immunology/ VESICULAR STOMATITIS VIRUS, pathogenicity/ \*VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

937. Cartwright B, Talbot P, Brown F: The proteins of biologically active sub-units of vesicular stomatitis virus. *J Gen Virol* 7:267-72, Jun 70  
ACRYLATES/ BILE ACIDS AND SALTS/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GELS/ SUCROSE/ SURFACE-ACTIVE AGENTS/ TRYPSIN/ \*VESICULAR STOMATITIS VIRUS, analysis/ \*VIRAL PROTEINS, analysis

938. Caruzzo C: Sur le traitement prolongé de l'insuffisance coronaire avec héparine a doses clarifiantes et phospholipides essentiels. *Therapeutique* 45:413-9, Apr 69 (Fre)  
\*CORONARY DISEASE, drug therapy/ DRUG SYNERGISM/ FEMALE/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ \*PHOSPHOLIPIDS, therapeutic use

939. Casassa PM, Cugini A, Sosso A, et al: Ricerche trombodinamografiche sul comportamento del processo emocoagulativo in pazienti sottoposti a telecobaltoterapia. *Minerva Radiol* 13:65-75, Jan-Feb 68 (Ita)  
BLADDER NEOPLASMS, radiotherapy/ \*BLOOD COAGULATION DISORDERS, etiology/ \*COBALT ISOTOPES, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ LUNG NEOPLASMS, radiotherapy/ \*RADIATION INJURY/ \*RADIOISOTOPE TELETERAPY/ RADIOMETRY/ \*THROMBELASTOGRAPHY

940. Cascone A, Lampugnani P: Studio sperimentale controllato del rapporti tra attività fibrinolitica e attività anticoagulante nella valutazione di attivatori della fibrinolisi. *Minerva Med* 60:Suppl 99:5039+, 12 Dec 69 (Ita)  
ANTICOAGULANTS, pharmacodynamics/ ARTERIOSCLEROSIS OBLITERANS, drug therapy/ \*BLOOD COAGULATION, drug effects/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ \*HEPARINOID, therapeutic use/ HUMAN/ \*POLYSACCHARIDES, therapeutic use

941. Casdorff HR: Safe uses of cholestyramine. *Ann Intern Med* 72:759, May 70  
ADULT/ \*BLOOD COAGULATION DISORDERS, chemically induced/ CHOLESTEROL, blood/ \*CHOLESTYRAMINE, adverse effects/ \*DIARRHEA, chemically induced/ HUMAN/ \*HYPERLIPIDEMIA, drug therapy/ INFANT/ PROTHROMBIN TIME/ \*SPRUE, chemically induced

942. Cash JD, Woodfield DG, Allan AG: Adrenergic mechanisms in the systemic plasminogen active response to adrenaline in man. *Brit J Haemat* 18:487-94, Apr 70



# AUTHOR SECTION

- ACETANILIDE, pharmacodynamics/  
ADRENERGIC BETA RECEPTOR  
BLOCKADERS, pharmacodynamics/ ADULT/  
BLOOD SUGAR/ \*EPINEPHRINE,  
pharmacodynamics/ FACTOR VIII, analysis/  
FATTY ACIDS, NONESTERIFIED, blood/  
HUMAN/ MALE/ PHENTOLAMINE,  
pharmacodynamics/ \*PLASMINOGEN/  
\*PROPRANOLOL, pharmacodynamics/ PULSE/  
SYMPATHOLYTICS, pharmacodynamics
943. Cassau D, Siewert R, Osten W: Fibrininstabilisierung und  
Fibrinolyse bei der vollständigen Wunddehiscenz.  
Chirurg 40:76-80, Feb 69 (Ger)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION FACTORS,  
analysis/ BLOOD COAGULATION FACTORS,  
physiology/ CHOLECYSTECTOMY/ ENGLISH  
ABSTRACT/ FACTOR XIII, physiology/  
FIBRINOLYSIS/ GASTRECTOMY/  
HEMOSTASIS/ HEMOSTATICS, therapeutic  
use/ HUMAN/ \*SURGICAL WOUND  
DEHISCENCE, blood/ SURGICAL WOUND  
DEHISCENCE, etiology
944. Cassen T, Kearns DR: Phosphorescence and energy  
transfer in enzymes.  
Biochim Biophys Acta 194:203-12, 11 Nov 69  
ALCOHOL OXIDOREDUCTASES/ AMYLASE/  
ASPERGILLUS, enzymology/ BACILLUS  
SUBTILIS, enzymology/  
CARBOXYPEPTIDASES/ CATTLE/  
CHYMOTRYPSIN/ COLD/ \*ENERGY  
TRANSFER/ \*ENZYMES/ \*LUMINESCENCE/  
METHODS/ MURAMIDASE/ NAD/ PANCREAS,  
enzymology/ PAPAINE/ PEPsin/  
RIBONUCLEASE/ SACCHAROMYCES,  
enzymology/ SPECTRUM ANALYSIS/  
\*TRYPTOPHAN/ \*TYROSINE
945. Cassingena R, Tournier P, Estrade S, et al: Blocage de  
l'action du "répresseur" du virus SV 40 par un facteur  
constitutif des cellules permissives pour ce virus.  
C R Acad Sci [D] (Paris) 269:261-4, 16 Jul 69 (Fre)  
ADENOVIRUS/ CELL LINE/ CELL  
MEMBRANE PERMEABILITY/ EMBRYO/  
HAMSTERS/ HEAT/ KIDNEY/ L CELLS/  
MICE/ MONKEYS/ NEOPLASMS,  
EXPERIMENTAL/ POLYOMA VIRUS/  
PROTEINS, physiology/ \*SV40 VIRUS/ TISSUE  
EXTRACTS/ TRYPSIN/ \*VIRAL  
INTERFERENCE/ \*VIRUS DISEASES,  
immunology
946. Cassou JM, Henriot P, Vandecasteele J: Le CY 58 dans le  
traitement des ischémies aiguës des membres.  
Lille Med 14:Suppl 3:503-7, Apr 69 (Fre)  
\*EMBOLISM, drug therapy/ \*EXTREMITIES,  
blood supply/ \*FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ ISCHEMIA/  
MIDDLE AGE/ \*THROMBOSIS, drug therapy
947. Cassou JM, Henriot P, Vandecasteele J: Le CY 58 dans le  
traitement des ischémies aiguës des membres.  
Lille Med 14:Suppl 3:503-7, Apr 69 (Fre)  
AGED/ FEMALE/ \*FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ MALE/ MIDDLE  
AGE/ \*THROMBOEMBOLISM, drug therapy
948. Castagnola L, Garberoglio L, Garberoglio R: L'uso di  
sostanze riassorbibili nella piccola chirurgia  
stomatologica ambulatoriale.  
Amici Brugg 4:14-21, Apr 69 (Ita)  
DRY SOCKET, therapy/ HEMORRHAGE,  
ORAL, prevention & control/ HEMOSTATICS,  
therapeutic use/ SPECIAL LIST DENTAL
949. Castaldi PA, Penny R: A macroglobulin with inhibitory  
activity against coagulation factor VIII.  
Blood 35:370-6, Mar 70  
ADSORPTION/ BLOOD COAGULATION  
DISORDERS, blood/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
TESTS/ BLOOD TRANSFUSION/  
CHLORAMBUCIL, therapeutic use/ CLOT  
RETRACTION/ \*FACTOR VIII, antagonists &  
inhibitors/ FACTOR VIII, metabolism/  
FEMALE/ GAMMA GLOBULIN, 19S,  
metabolism/ HUMAN/  
\*MACROGLOBULINEMIA, immunology/  
MACROGLOBULINEMIA, therapy/  
\*MACROGLOBULINS, metabolism/  
MERCAPTOETHANOL, pharmacodynamics/  
MERCAPTOETHANOL, therapeutic use/  
MIDDLE AGE/ NITROGEN MUSTARD  
COMPOUNDS, therapeutic use/  
PENICILLAMINE, therapeutic use/  
PENICILLIN, therapeutic use/  
PLASMAPHERESIS/ PLATELET  
ADHESIVENESS
950. Castañeda H, García-Romero H, Cantó M: Hepatic  
hemorrhage in toxemia of pregnancy.  
Amer J Obstet Gynec 107:578-84, 15 Jun 70  
ADULT/ FEMALE/ HEMATOMA,  
complications/ HEMATOMA, etiology/  
HEMORRHAGE, GASTROINTESTINAL,  
diagnosis/ \*HEMORRHAGE,  
GASTROINTESTINAL, etiology/ HUMAN/  
LIVER/ \*LIVER DISEASES, etiology/  
PREGNANCY/ \*PREGNANCY TOXEMIAS,  
complications/ RADIOISOTOPE SCANNING
951. Castañeda-Aguiló M, Dávila G, Oliver C, et al: Kinetics  
of the trypsin-catalyzed hydrolysis and ethanolysis of  
L-lysine methyl ester.  
Biochim Biophys Acta 191:362-9, 4 Nov 69  
\*ALCOHOL, ETHYL/ ALCOHOL, METHYL/  
CHEMISTRY/ ESTERS/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ \*LYSINE/  
MATHEMATICS/ STEREOISOMERS/ \*TRYPSIN
952. Castellano F, Ambrosio A, Profeta G: Traitement  
fibrinolytique des thrombo-embolies cérébrales.  
Neurochirurgie 16:81-8, Jan-Feb 70 (Fre)  
ADULT/ AGED/ CEREBRAL ANGIOGRAPHY/  
\*CEREBRAL EMBOLISM AND THROMBOSIS,  
drug therapy/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ MALE/ MIDDLE  
AGE/ STREPTOKINASE, therapeutic use
953. Castellino FJ, Hill RL: The carboxymethylation of  
bovine alpha-lactalbumin.  
J Biol Chem 245:417-24, 25 Jan 70  
\*ALBUMINS/ ALBUMINS, analysis/  
ALBUMINS, isolation & purification/  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ CARBON ISOTOPES/  
CATTLE/ CHEMISTRY/ FEMALE/  
GALACTOSE/ GEL FILTRATION/  
HEXOSAMINES/ HISTIDINE/ HYDROGEN-ION  
CONCENTRATION/ \*IODOACETATES/  
KINETICS/ METHIONINE/ \*MILK/ MILK,  
enzymology/ PEPTIDES, isolation &  
purification/ TIME FACTORS/  
TRANSFERASES/ TRYPSIN
954. Castle ME, Orinon EA: Prophylactic anticoagulation in  
fractures. J Bone Joint Surg [Brit] 52:521-8, Apr 70  
ADULT/ AGED/ ANTICOAGULANTS,  
administration & dosage/ FEMALE/  
\*FEMORAL FRACTURES, complications/  
FEMORAL FRACTURES, surgery/  
\*FRACTURES, complications/ FRACTURES,  
surgery/ \*HEMORRHAGE, occurrence/  
HUMAN/ MALE/ MIDDLE AGE/ \*PELVIC  
BONES, injuries/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
\*SPINAL INJURIES, complications/  
THROMBOEMBOLISM, occurrence/  
\*THROMBOEMBOLISM, prevention & control/  
\*WARFARIN, administration & dosage
955. Castle ME, Orinon EA: Prophylactic anticoagulation in  
fractures. J Bone Joint Surg [Amer] 52:521-8, Apr 70  
ADULT/ AGED/ ANTICOAGULANTS,  
administration & dosage/ FEMALE/  
\*FEMORAL FRACTURES, complications/  
FEMORAL FRACTURES, surgery/  
\*FRACTURES, complications/ FRACTURES,  
surgery/ \*HEMORRHAGE, occurrence/  
HUMAN/ MALE/ MIDDLE AGE/ \*PELVIC  
BONES, injuries/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
\*SPINAL INJURIES, complications/  
THROMBOEMBOLISM, occurrence/



## AUTHOR SECTION

- \*THROMBOEMBOLISM, prevention & control/  
\*WARFARIN, administration & dosage
956. Castrucci G, McKercher DG, Cilli V, et al: Characteristics of a paravaccinia virus from cattle. Arch Ges Virusforsch 29:315-30, 1970  
BENZIMIDAZOLES, pharmacodynamics/  
CATTLE/ \*CATTLE DISEASES, etiology/  
CHICK EMBRYO/ ECOLOGY/ GEL  
DIFFUSION TESTS/ HEMADSORPTION/  
HEMAGGLUTINATION TESTS/ ITALY/  
KIDNEY, embryology/ MICE/ MICROBIAL  
SENSITIVITY TESTS/ NEUTRALIZATION  
TESTS/ \*POXVIRUS/ POXVIRUS, growth &  
development/ POXVIRUS, isolation &  
purification/ POXVIRUS INFECTIONS, drug  
effects/ \*POXVIRUS INFECTIONS, etiology/  
POXVIRUS INFECTIONS, immunology/  
\*POXVIRUS INFECTIONS, veterinary/  
RABBITS/ \*RESPIRATORY TRACT  
INFECTIONS, etiology/ \*RESPIRATORY  
TRACT INFECTIONS, veterinary/ SHEEP/  
TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics/ VIRUS CULTIVATION
  957. Catala F, Azerad R, Lederer E: Sur les propriétés de la desméthylménaquinone C-méthylase de Mycobacterium phlei. Int Z Vitaminforsch 40:363-73, 1970 (Fre)  
ACETONE/ BENZOATES/  
CHROMATOGRAPHY/ ENGLISH ABSTRACT/  
HYDROGEN-ION CONCENTRATION/  
METHIONINE/ METHYLATION/  
\*MYCOBACTERIUM, enzymology/  
NUCLEOSIDES/ TRANSFERASES, antagonists  
& inhibitors/ \*TRANSFERASES, metabolism/  
VITAMIN K
  958. Catapano B, Bertera F: Problemi di chirurgia odontostomatologica in pazienti affetti da diatesi emorragiche o sottoposti a terapie anticoagulanti. Riv Ital Stomat 24:1182-96, Nov 69 (Ita)  
\*ANTICOAGULANTS/ \*HEMORRHAGE, ORAL,  
prevention & control/ \*HEMORRHAGIC  
DIATHESIS/ HUMAN/ \*SURGERY, ORAL
  959. Cate JW ten, Vries SI de: Gevaren bij het gebruik van acetosal. T Ziekenverpl 23:137-9, 3 Feb 70 (Dut)  
ASPIRIN, adverse effects/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ SPECIAL LIST NURSING
  960. Cate JW ten, Vries SI de, Dooren MM van, et al: Verworven thrombopathie door gebruik van acetosal. Nederl T Geneesk 113:2273-7, 20 Dec 69 (Dut)  
ADULT/ \*ASPIRIN, adverse effects/ \*BLOOD  
COAGULATION DISORDERS, chemically  
induced/ ENGLISH ABSTRACT/ FEMALE/  
HEMORRHAGIC DIATHESIS, chemically  
induced/ HUMAN/ MALE/ PLATELET  
ADHESIVENESS, drug effects
  961. Cate JW ten, Vries SI de: Platelet-function tests. Lancet 2:1309-10, 13 Dec 69  
AGED/ \*BLOOD COAGULATION TESTS/  
\*BLOOD PLATELETS/ FEMALE/ HUMAN/  
MIDDLE AGE/ VON WILLEBRAND'S  
DISEASE, diagnosis/ VON WILLEBRAND'S  
DISEASE, therapy
  962. Catsimpoilas N, Leuthner E: Immunochemical methods for detection and quantitation of Kunitz soybean trypsin inhibitor. Anal Biochem 31:437-47, 1 Oct 69  
ANTIBODIES, isolation & purification/ GEL  
DIFFUSION TESTS/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ ISOELECTRIC  
FOCUSING/ METHODS/ PRECIPITATION/  
RABBITS/ SOY BEANS/ \*TRYPSIN  
INHIBITORS, analysis
  963. Cattan D, Caen J, Fernandez Y, et al: Purpura thrombopénique chronique. Hyperthyroïdie, myxoedème pré-tibial et L.A.T.S. Presse Med 78:1535-40, 25 Jul 70 (Fre)  
AUTOIMMUNE DISEASES/ AZATHIOPRINE,  
therapeutic use/ CHLORAMBUCIL, therapeutic  
use/ CHRONIC DISEASE/ ENGLISH  
ABSTRACT/ \*EXOPHTHALMOS, etiology/  
FEMALE/ GLUCOCORTICOIDS, therapeutic  
use/ HUMAN/ \*HYPERTHYROIDISM,  
complications/ HYPERTHYROIDISM, drug  
therapy/ IODINE ISOTOPES, therapeutic use/  
\*LONG-ACTING THYROID STIMULATOR,  
analysis/ MIDDLE AGE/ \*MYXEDEMA,  
etiology/ \*PURPURA, THROMBOPENIC,  
complications/ PURPURA, THROMBOPENIC,  
drug therapy/ TIBIA, blood supply
  964. Cattaneo A, Gentile G: Il tempo di tromboplastina parziale (PTT). 3. Contributo allo studio della emocoagulazione durante il travaglio di parto. Riv Ostet Ginec 24:120-6, Mar 69 (Ita)  
ADULT/ \*BLOOD COAGULATION TESTS/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LABOR/ PREGNANCY/ \*PROTHROMBIN  
TIME
  965. Causse J, Tapon J: L'anesthésie dans la chirurgie de l'otospongiose. Ann Otolaryng (Paris) 87:231-40, Apr-May 70 (Fre)  
ANALGESICS AND ANTIPYRETICS,  
administration & dosage/ \*ANESTHESIA,  
GENERAL/ ANESTHETICS, administration &  
dosage/ BLOOD COAGULATION FACTORS/  
BLOOD PLATELETS, physiology/  
HEMOSTASIS/ HUMAN/ INTUBATION,  
INTRATRACHEAL/ \*OTOSCLEROSIS, surgery/  
PREANESTHETIC MEDICATION/  
PREOPERATIVE CARE
  966. Cavallotti C: Attività ATPase nella mielina purificata da nervo periferico. II. Effetto degli enzimi proteolitici e lipasici. Boll Soc Ital Biol Sper 45:241-4, 28 Feb 69 (Ita)  
\*ADENOSINE TRIPHOSPHATASE/ ANIMAL  
EXPERIMENTS/ BRACHIAL PLEXUS,  
enzymology/ \*LIPASE, pharmacodynamics/  
\*MYELIN SHEATH, enzymology/ \*PEPTIDE  
HYDROLASES, pharmacodynamics/ \*PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
\*PERIPHERAL NERVES, enzymology/  
RABBITS/ SCIATIC NERVE, enzymology
  967. Cawley MI, Browne DS: Insulin resistance and thrombocytopenic purpura occurring in the same patient. Brit J Clin Pract 24:169-74, Apr 70  
AUTOIMMUNE DISEASES/ BLOOD  
PLATELETS/ DIABETES MELLITUS,  
complications/ FEMALE/ HUMAN/ INSULIN  
ANTIBODIES/ \*INSULIN RESISTANCE/  
LEUKOCYTE COUNT/ MIDDLE AGE/  
PREDNISOLONE, therapeutic use/ \*PURPURA,  
THROMBOPENIC, complications
  968. Cawley TN, Letters R: Glycopeptide linkages in a phosphomannan peptide from yeast cell walls. Biochem J 115:9P, Nov 69  
\*CELL WALL, analysis/ MANNOSE, analysis/  
PEPTIDE HYDROLASES/ \*PEPTIDES,  
analysis/ PHOSPHATES, analysis/  
\*POLYSACCHARIDES, analysis/  
\*SACCHAROMYCES, analysis/ SERINE,  
analysis/ THREONINE, analysis
  969. Cayla J: Manifestations articulaires de l'hémophilie. Cah Coll Med Hop Paris 8:731-46, Jul-Aug 67 (Fre)  
BONE RESORPTION, etiology/ CALCINOSIS,  
etiology/ DISLOCATIONS, etiology/  
\*HEMARTHROSIS, etiology/ \*HEMOPHILIA,  
complications/ HUMAN/ \*JOINT DISEASES,  
etiology/ OSTEOPOROSIS, etiology/ SPINAL  
OSTEOPHYTOSIS, etiology
  970. Centonza D, Brina A, De Cristoforo A: Controllo e regolazione della fibrinolisi negli arteriopatici mediante l'impiego di un complesso mucopolisaccaridico estrattivo. Minerva Med 60:Suppl 99:5023+, 12 Dec 69 (Ita)  
\*BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION TESTS/  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug  
effects/ \*HEPARINOID, therapeutic use/  
HUMAN/ MALE/ THROMBELASTOGRAPHY/  
\*VASCULAR DISEASES, drug therapy
  971. Cepelák V: K otázkám specializované péče o nemocné s hemofilií. Vnitřní Lek 16:57-60, Jan 70 (Cze)  
CZECHOSLOVAKIA/ ENGLISH ABSTRACT/



# AUTHOR SECTION

- HEALTH EDUCATION/ \*HEMOPHILIA/ HOME NURSING/ HUMAN/ REGISTRIES/ STATE MEDICINE
972. Ceppellini R: Antigeni leucocitari, istocompatibilità e gravidanza. *Minerva Ginec* 20:857-66, 31 May 68 (Ita)  
\*AGRANULOCYTOSIS, immunology/  
ANTIBODIES, analysis/ \*ANTIGENS, analysis/  
\*BLOOD GROUP INCOMPATIBILITY/ BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/  
\*HISTOCOMPATIBILITY/ HUMAN/ \*INFANT, NEWBORN, DISEASES/ \*LEUKOCYTES, immunology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC/  
\*THROMBOPENIA, immunology
973. Ceria G: Angiomi linguai e loro trattamento con soluzioni sclerosanti.  
G Batt Virol Immun 62:683-702, Sep-Oct 69 (Ita)  
CRYOTHERAPY/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ HEMANGIOMA, radiotherapy/ \*HEMANGIOMA, therapy/ HUMAN/ \*SCLEROSING SOLUTIONS, therapeutic use/ TONGUE NEOPLASMS, radiotherapy/ \*TONGUE NEOPLASMS, therapy
974. Cervantes J, Balch HH: Prevención de la embolia pulmonar por interrupción de la vena cava.  
Arch Inst Cardiol Mex 39:845-54, Nov-Dec 69 (Spa)  
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FLUOROCARBON POLYMERS/ HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ \*PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ VASCULAR SURGERY, instrumentation/ \*VENA CAVA, INFERIOR, surgery
975. Cerveňanský J, Huraj E, Khandl J: Osteoartikulárne nádory ruky.  
Acta Chir Orthop Traum Cech 37:198-201, Aug 70 (Slo)  
BONE CYST, occurrence/ \*BONE NEOPLASMS, occurrence/ CHONDROMA, occurrence/ CZECHOSLOVAKIA/ DYSCHONDROPLASIA, occurrence/ ENGLISH ABSTRACT/ FEMALE/ \*HAND/ HEMANGIOENDOTHELIOMA, occurrence/ HUMAN/ \*JOINT DISEASES, occurrence/ MALE/ NEOPLASMS/ OSTEITIS, occurrence/ SYNOVIOMA, occurrence/ WRIST
976. Chaffee VW, Edds GT, Himes JA, et al: Aflatoxicosis in dogs. *Amer J Vet Res* 30:1737-49, Oct 69  
\*AFLATOXIN, toxicity/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ \*DOG DISEASES, chemically induced/ DOG DISEASES, pathology/ DOGS/ FEMALE/ HEPATITIS, TOXIC, etiology/ \*HEPATITIS, TOXIC, veterinary/ ISOCITRATE DEHYDROGENASE, blood/ LIVER, pathology/ MALE/ PROTHROMBIN TIME
977. Chagnon A, Pavlianis V: Hemagglutination-inhibition rubella antibody determination.  
Canad J Microbiol 15:962-4, Aug 69  
\*ANTIBODIES/ BLOOD/ CHEMISTRY/ HEMAGGLUTINATION INHIBITION TESTS/ HEPARIN/ KAOLIN/ MANGANESE/ METHODS/ \*RUBELLA VIRUS, immunology/ VIRUS INHIBITORS
978. Chaiken IM, Anfinsen CB: A study of the role of histidine residue 46 in staphylococcal nuclease by solid phase peptide synthesis.  
J Biol Chem 245:2337-41, 10 May 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CALCIUM/ CHROMATOGRAPHY, ION EXCHANGE/ \*DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, isolation & purification/ DRUG STABILITY/ FLUORESCENCE/ GEL FILTRATION/ GLYCINE/ \*HISTIDINE/ METHODS/ NUCLEOTIDES/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ \*RIBONUCLEASE/ RIBONUCLEASE, isolation & purification/ \*STAPHYLOCOCCUS, enzymology/ TRYPSIN
979. Chaiken IM, Anfinsen CB: A solid phase synthetic study of structure-function relationships in the amino-terminal region of staphylococcal nuclease.  
J Biol Chem 245:4718-23, 25 Sep 70  
AMINO ACID SEQUENCE/ ANTIGEN-ANTIBODY REACTIONS/ CALCIUM/ CHEMISTRY/ \*DEOXYRIBONUCLEASE/ FLUORESCENCE/ GLUTAMATES/ IODINE ISOTOPES/ LYSINE/ NUCLEOTIDES/ PEPTIDES, chem synthesis/ \*RIBONUCLEASE/ STAPHYLOCOCCUS, enzymology/ TRYPSIN
980. Chaillet F, Barchewitz G, Charlier R, et al: Recherches dans la série des benzofurannes. 43. Propriétés angéiotrophiques, antiinflammatoires et fibrinolytiques de la benzarone.  
Arzneimittelforschung 20:358-63, Mar 70 (Fre)  
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*BENZOFURANS, pharmacodynamics/ BLOOD COAGULATION, therapeutic use/ \*BLOOD COAGULATION, drug effects/ BRADYKININ, antagonists & inhibitors/ \*CAPILLARY PERMEABILITY, drug effects/ \*CAPILLARY RESISTANCE, drug effects/ CHRONIC DISEASE/ DEPRESSION, CHEMICAL/ DOGS/ EDEMA, prevention & control/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ FEMALE/ \*FIBRINOLYSIS, drug effects/ \*FIBRINOLYTIC AGENTS, pharmacodynamics/ GUINEA PIGS/ MYCOBACTERIUM INFECTIONS, prevention & control/ NOREPINEPHRINE, antagonists & inhibitors/ RABBITS/ RATS/ SEROTONIN, antagonists & inhibitors/ STIMULATION, CHEMICAL/ VASCULAR DISEASES, drug therapy
981. Chaitin H, Lieberman F: An in vitro study of the relationship of blood pH to blood clotting time.  
Angiology 21:591-4, Oct 70  
ACETIC ACIDS/ BICARBONATES/ \*BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ HUMAN/ \*HYDROGEN-ION CONCENTRATION/ IN VITRO/ TIME FACTORS
982. Chakrabarti R, Fearnley GR, Evans JF: Effects on platelet stickiness and fibrinolysis of phenformin combined with ethylestrenol or stanozolol.  
Lancet 1:591-3, 21 Mar 70  
AGED/ \*BLOOD PLATELETS, drug effects/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ \*ETHYLESTRENOL, administration & dosage/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ \*PHENFORMIN, administration & dosage/ PLATELET ADHESIVENESS, drug effects/ \*STANOZOLOL, administration & dosage/ VASCULAR DISEASES, blood/ VASCULAR DISEASES, drug therapy
983. Chakrabarti R, Hocking ED, Fearnley GR: Reaction pattern to three stresses-electroplexy, surgery, and myocardial infarction--of fibrinolysis and plasma fibrinogen. *J Clin Path* 22:659-62, Nov 69  
ADULT/ \*ELECTROSHOCK/ FEMALE/ \*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, blood/ SERUM GLOBULINS/ STRESS, blood/ \*SURGERY, OPERATIVE
984. Chakrapani B, Bachhawat BK: Glycosaminoglycans of human urine. II. Sulphated glycosaminoglycans of normal adult urine. *Indian J Biochem* 6:166-8, Dec 69  
AMINO SUGARS, urine/ CHONDROITIN, urine/ HEPARIN, urine/ HUMAN/ HYALURONIDASE/ \*MUCOPOLYSACCHARIDES, urine/ URONIC ACIDS, urine
985. Chakravarti A: Haemangiomatous splenomegaly.  
J Ass Physicians India 17:439-41, Jul 69  
ADULT/ CASE REPORT/ FEMALE/ \*HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ \*SPLENIC NEOPLASMS, complications/ \*SPLENOMEGALY, etiology



## AUTHOR SECTION

986. Chalifoux A, Lagacé A: Enzymes sériques pour le diagnostic de la nécrose hépatique aiguë expérimentale.  
Canad J Comp Med 33:178-86, Jul 69 (Fre)  
ALANINE AMINOTRANSFERASE, blood/  
ALKALINE PHOSPHATASE, blood/ ANIMAL  
EXPERIMENTS/ ASPARTATE  
AMINOTRANSFERASE, blood/ \*BILIRUBIN,  
blood/ \*CHOLESTEROL, blood/ \*DOG  
DISEASES, blood/ DOGS/ \*ENZYMES, blood/  
ISOCITRATE DEHYDROGENASE, blood/  
LACTATE DEHYDROGENASE, blood/ LIVER  
DISEASES, blood/ \*LIVER DISEASES,  
veterinary/ NECROSIS, veterinary/  
ORNITHINE CARBAMOYL- TRANSFERASE,  
blood/ PROTHROMBIN TIME
987. Challoner DR, Yu P: Differential effect of porcine proinsulin on rat epididymal fat cells and fat pieces.  
Diabetes 19:289-95, May 70  
\*ADIPOSE TISSUE, cytology/ \*ADIPOSE  
TISSUE, drug effects/ ANIMAL  
EXPERIMENTS/ \*EPIDIDYMIS, drug effects/  
GLUCOSE, metabolism/ INSULIN,  
biosynthesis/ \*INSULIN, pharmacodynamics/  
LIPID MOBILIZATION, drug effects/ MAST  
CELLS, drug effects/ RATS/ SWINE/  
\*TRYPSIN INHIBITORS, pharmacodynamics
988. Chalmers JA: Complications of vacuum extraction.  
Brit Med J 4:109, 11 Oct 69  
BLOOD COAGULATION DISORDERS,  
complications/ \*EXTRACTION, OBSTETRICAL,  
adverse effects/ FEMALE/ \*HEMORRHAGE,  
etiology/ HUMAN/ INFANT MORTALITY/  
INFANT, NEWBORN/ PREGNANCY
989. Chaloupka J: Dual control of megateriopeptidase synthesis. Ann Inst Pasteur (Paris) 117:631-6, Nov 69  
AMINO ACIDS, pharmacodynamics/ BACILLUS  
MEGATERIUM, drug effects/ \*BACILLUS  
MEGATERIUM, enzymology/ CULTURE  
MEDIA/ ENZYME INDUCTION/ ENZYME  
PRECURSORS/ \*ENZYME REPRESSION/  
GLUCOSE, pharmacodynamics/ \*PEPTIDE  
PEPTIDOHYDROLASES, biosynthesis
990. Chan DK, Jones IC, Ponniah S: Studies on the pressor substances of the caudal neurosecretory system of teleost fish: bioassay and fractionation.  
J Endocr 45:151-9, Oct 69  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ BLOOD PRESSURE, drug effects/  
CHROMATOGRAPHY/ \*EELS/  
\*NEUROSECRETORY SYSTEMS, analysis/  
PAPAIN, pharmacodynamics/ PEPTIDES,  
analysis/ THIOGLYCOLATES,  
pharmacodynamics/ TRYPSIN,  
pharmacodynamics/ ULTRACENTRIFUGATION/  
\*VASOCONSTRICTOR AGENTS, analysis
991. Chan JC, Eleff MG, Campbell RA: The hemolytic-uremic syndrome in nonrelated adopted siblings. J Pediatr 75:1050-3, Dec 69  
ANEMIA, HEMOLYTIC, drug therapy/  
\*ANEMIA, HEMOLYTIC, familial & genetic/  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
BLOOD UREA NITROGEN/ CHILD/  
COMPLEMENT FIXATION TESTS/ FAMILY/  
HEMAGGLUTINATION INHIBITION TESTS/  
HEPARIN, therapeutic use/ HUMAN/ KIDNEY  
FAILURE, ACUTE, drug therapy/ \*KIDNEY  
FAILURE, ACUTE, familial & genetic/  
THROMBOPENIA, drug therapy/  
\*THROMBOPENIA, familial & genetic
992. Chan VF, Black FL: Uncoating of poliovirus by isolated plasma membranes. J Virol 5:309-12, Mar 70  
ADSORPTION/ CARBON ISOTOPES/  
CARCINOMA/ CATTLE/ CELL LINE/ \*CELL  
MEMBRANE/ CENTRIFUGATION, DENSITY  
GRADIENT/ EMBRYO/ HAMSTERS/ HUMAN/  
KIDNEY/ LARYNGEAL NEOPLASMS/  
MICROSCOPY, ELECTRON/ MONKEYS/  
\*POLIOVIRUS/ RIBONUCLEASE/  
SOLUBILITY/ SUCROSE/ TRICHLOROACETIC  
ACID/ TRYPSIN/ URIDINE
993. Chand A: Drugs in coronary artery diseases.  
J Indian Med Ass 53:356-62, 1 Oct 69  
ANTICOAGULANTS, therapeutic use/  
ANTILIPEMIC AGENTS, therapeutic use/  
\*CORONARY DISEASE, drug therapy/  
HUMAN/ VASODILATOR AGENTS,  
therapeutic use
994. Chandra D, Srivastava OP, Nath P, et al: Studies on fibrinolytic activity. 3. Fibrinolytic activity in liver diseases. Indian J Med Sci 23:610-5, Nov 69  
\*FIBRINOLYSIS/ HEART FAILURE,  
CONGESTIVE, physiopathology/ HEPATITIS,  
INFECTIOUS, physiopathology/ HUMAN/  
JAUNDICE, OBSTRUCTIVE, physiopathology/  
LIVER CIRRHOSIS, physiopathology/ \*LIVER  
DISEASES, physiopathology/ LIVER  
NEOPLASMS, physiopathology
995. Chandra K, Chaudhury S, Venkataramiah NR, et al: Malignant neoplasm of the penis. Report of endothelioma in a Muslim boy.  
Indian J Pediatr 36:412-5, Oct 69  
CHILD/ \*HEMANGIOENDOTHELIOMA/  
HUMAN/ \*LYMPHATIC METASTASIS/ MALE/  
\*PENILE NEOPLASMS
996. Chandra Sekhar N: Effect of eight prostaglandins on platelet aggregation. J Med Chem 13:39-44, Jan 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ COLLAGEN,  
pharmacodynamics/ HUMAN/ IN VITRO/  
INFUSIONS, PARENTERAL/ INJECTIONS,  
INTRAVENOUS/ MALE/ PLATELET  
ADHESIVENESS, drug effects/  
\*PROSTAGLANDINS, pharmacodynamics/  
RATS/ THROMBIN, pharmacodynamics/ TIME  
FACTORS
997. Chang C, Houck JC: Demonstration of the chemotactic properties of collagen.  
Proc Soc Exp Biol Med 134:22-6, May 70  
ANIMAL EXPERIMENTS/ CELL MOVEMENT/  
\*CHEMOTAXIS/ CHYMOTRYPSIN/  
CLOSTRIDIOPEPTIDASE A/ \*COLLAGEN/  
FILTRATION/ \*NEUTROPHILS/ RATS/ \*SKIN,  
injuries/ SKIN, metabolism/ TRYPSIN
998. Chang JY, Brown DM, Glazer AN: Characterization of the subunits of the flagella of Proteus vulgaris.  
J Biol Chem 244:5196-200, 10 Oct 69  
ALANINE, analysis/ AMINO ACIDS, analysis/  
AUTOANALYSIS/ \*BACTERIAL PROTEINS/  
BACTERIAL PROTEINS, analysis/ BACTERIAL  
PROTEINS, isolation & purification/  
CARBOHYDRATES, analysis/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CYANATES/ ELECTROPHORESIS/  
\*FLAGELLA, analysis/ HISTIDINE, analysis/  
METHODS/ MOLECULAR WEIGHT/  
PEPTIDES, analysis/ PHOSPHATES, analysis/  
\*PROTEUS, analysis/ TIME FACTORS/  
TRYPSIN/ ULTRACENTRIFUGATION
999. Chang P: [Clinical and statistical observation of epulis patients seen in our hospital in recent 6 years]  
Odontology (Tokyo) 58:212-21, Jun 70 (Jap)  
ANGIOMATOSIS, occurrence/ FIBROMA,  
occurrence/ MOUTH DISEASES, occurrence/  
SPECIAL LIST DENTAL
1000. Chang TM: Removal of endogenous and exogenous toxins by a microencapsulated absorbent.  
Canad J Physiol Pharmacol 47:1043-5, Dec 69  
ALBUMINS, administration & dosage/  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, analysis/ CAPSULES/  
\*CHARCOAL, administration & dosage/  
COLLOIDS/ CREATININE, blood/ DOGS/  
DRUG COMPOUNDING/ HEPARIN,  
administration & dosage/ KIDNEY, physiology/  
MEMBRANES/ NEPHRECTOMY/ PERFUSION/  
\*TOXINS, metabolism
1001. Charet P, Monsigny M, Spik G, et al: Etudes sur les glycoprotéines. Etude des séquences peptidiques de deux glycopeptides isolés d'hydrolysats tryptiques de la transferrine humaine.  
C R Acad Sci [D] (Paris) 269:1019-22, 15 Sep 69 (Fre)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ CHROMATOGRAPHY, ION



# AUTHOR SECTION

- EXCHANGE/ CHYMOTRYPSIN/ CYSTINE, analysis/ DINITROPHENOLS/ ELECTROPHORESIS/ GEL FILTRATION/ \*GLYCOPROTEINS, analysis/ HUMAN/ HYDRAZINES/ HYDROGEN-ION CONCENTRATION/ LYSINE, analysis/ \*PEPTIDES, analysis/ \*TRANSFERRIN, analysis/ TRYPSIN
1002. Charlas J, Thieffry JC, Madelin JC, et al: Intérêt de l'héparine dans le traitement du purpura fulminans méningococcique. A propos de trois observations. *Ann Pediat (Paris)* 17:553-9, Aug-Sep 70 (Fre)  
ANTIBIOTICS, therapeutic use/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ \*HEPARIN, administration & dosage/ HUMAN/ INFANT/ MALE/ MENINGOCOCCAL INFECTIONS, diagnosis/ \*MENINGOCOCCAL INFECTIONS, drug therapy/ MENINGOCOCCAL INFECTIONS, physiopathology/ PURPURA, diagnosis/ \*PURPURA, drug therapy/ PURPURA, physiopathology/ SHOCK, ENDOTOXIC, drug therapy
1003. Charles RG, Morgans CM: Aortic valve replacement: a follow-up. *Bristol Medicochir J* 84:185-9, Oct 69  
ADULT/ ANEMIA, HYPOCHROMIC, etiology/ ANTICOAGULANTS, adverse effects/ \*AORTIC VALVE INSUFFICIENCY, surgery/ \*AORTIC VALVE STENOSIS, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ EXERCISE TEST/ FEMALE/ FOLLOW-UP STUDIES/ \*HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality
1004. Charm S, Kurland G: Blood flow in non uniform tapered capillary tubes. *Biorheology* 4:175-83, Sep 67  
\*BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ MATHEMATICS/ METHODS/ MODELS, THEORETICAL
1005. Charm SE, Wong BL: Shear degradation of fibrinogen in the circulation. *Science* 170:466-8, 23 Oct 70  
AORTA/ ARTERIES/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ \*BLOOD VISCOSITY/ CAPILLARIES/ \*FIBRINOGEN/ HUMAN/ IN VITRO/ PULMONARY ARTERY/ PULMONARY VEINS/ TIME FACTORS
1006. Chatagner F, Gicquel Y, Portemer C, et al: Inactivation of cystathionase and of cysteine sulfinic acid decarboxylase by proteolytic enzymes: effect of pyridoxal phosphate. *Experientia* 26:602-4, 15 Jun 70  
ANIMAL EXPERIMENTS/ \*CARBOXY-LYASES, metabolism/ CHYMOTRYPSIN/ CYSTINE/ \*HYDRO-LYASES, metabolism/ LIVER, enzymology/ MALE/ \*PEPTIDE HYDROLASES/ \*PYRIDOXAL PHOSPHATE/ RATS/ SULFINIC ACIDS/ TRYPSIN
1007. Chataing B, Revol L, Denhaut G: Expérience lyonnaise des transfusions de plaquettes. *Rev Franc Transfus* 12:Suppl:423-6, 1969 (Fre)  
BLOOD CELL COUNT/ \*BLOOD PLATELETS/ \*BLOOD TRANSFUSION/ FRANCE/ HUMAN/ METHODS/ SPLENECTOMY, adverse effects/ THROMBOPENIA, etiology/ \*THROMBOPENIA, therapy
1008. Chatellin CL, Fissore A: Iléus biliaire et bride post-opératoire. *Sem Hop Paris* 46:1257-80, 14 Apr 70 (Fre)  
ADHESIONS/ AGED/ \*BILIARY FISTULA/ \*CHOLELITHIASIS, complications/ CHOLELITHIASIS, radiography/ CHOLELITHIASIS, surgery/ FEMALE/ HUMAN/ \*INTESTINAL FISTULA/ \*INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ INTESTINAL OBSTRUCTION, surgery/ POSTOPERATIVE COMPLICATIONS
1009. Chausse JM: Nécrose du sein sous traitement anticoagulant. *Rev Med Suisse Rom* 87:423-6, Jun 67 (Fre)  
\*BREAST DISEASES, drug therapy/ FEMALE/ HUMAN/ MIDDLE AGE/ NECROSIS, drug therapy/ \*PROTHROMBIN, therapeutic use
1010. Chawla JC: Spontaneous intracerebellar haemorrhage. *Brit Med J* 1:93-4, 10 Jan 70  
ADULT/ AGED/ \*CEREBELLAR DISEASES/ CEREBRAL ANGIOGRAPHY/ \*CEREBRAL HEMORRHAGE/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, radiography/ CEREBRAL HEMORRHAGE, surgery/ FEMALE/ HEMATOMA/ HUMAN/ MALE/ MIDDLE AGE
1011. Chazan BI, Ferguson BD, Castelli WP, et al: Lipemia retinalis: microcirculatory changes and lipid studies in a family. *Metabolism* 18:978-85, Dec 69  
ACIDOSIS, DIABETIC, complications/ ADOLESCENCE/ BLOOD PROTEIN/ ELECTROPHORESIS/ BLOOD VISCOSITY/ CELL AGGREGATION/ CHYLOMICRONS, blood/ ERYTHROCYTES/ EYE DISEASES, familial & genetic/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INSULIN, therapeutic use/ \*LIPIDS, blood/ LIPIDS, metabolism/ METABOLIC DISEASES, blood/ METABOLIC DISEASES, familial & genetic/ \*RETINAL VESSELS/ TISSUE CULTURE
1012. Chemodanova AI: Vliianie abomina, atsidin-pepsina i atsidin-mukozina na zheludochnuu sekretsiu u sobak. *Farmakol Toksik* 32:696, Nov-Dec 69 (Rus)  
\*AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ \*DIGESTANTS, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ GASTRIC JUICE, drug effects/ \*PEPSIN, pharmacodynamics/ \*PEPTIDE HYDROLASES, pharmacodynamics/ STIMULATION, CHEMICAL/ \*STOMACH, secretion/ TIME FACTORS
1013. Chen R, Doolittle RF: Isolation, characterization, and location of a donor-acceptor unit from cross-linked fibrin. *Proc Nat Acad Sci USA* 66:472-9, Jun 70  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ ELECTROPHORESIS/ \*FIBRIN, isolation & purification/ GEL FILTRATION/ HUMAN/ METHODS/ PEPTIDES, analysis
1014. Chen RW, Musser AW, Postlethwait RW: Alterations of and tissue reaction to polyvinyl alcohol sponge implants. *Surgery* 66:899-906, Nov 69  
ANIMAL EXPERIMENTS/ COLLAGEN/ \*CONNECTIVE TISSUE, physiopathology/ CONNECTIVE TISSUE, surgery/ EDEMA, complications/ FIBRIN/ FIBROBLASTS/ FOREIGN BODIES/ GUINEA PIGS/ LEUKOCYTES/ MACROPHAGES/ \*POLYVINYLS/ POLYVINYLS, administration & dosage/ SCURVY, complications/ STAINS AND STAINING
1015. Chen T, Lal CH: Fibrinogen assay by an immunodiffusion plate. *Techn Bull Regist Med Techn* 39:231-2, Oct 69  
ANIMAL EXPERIMENTS/ COLORIMETRY/ COMPARATIVE STUDY/ DENSITOMETRY/ \*FIBRINOGEN, analysis/ \*GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ MALE/ \*PLASMA, analysis/ RABBITS
1016. Chepkiĭ LP, Mintser OP: Metod rascheta doz preparatov, neobkhodimyykh dlia korrektsii elektrolitnogo ravnovesiia i belkovogo balansu, s pomoshch'iu kombinirovannoi logarifimicheskoi linei. *Kardiologiya* 9:120-3, Sep 69 (Rus)  
AMMONIUM CHLORIDE, administration & dosage/ BICARBONATES, administration & dosage/ \*BLOOD PROTEINS/ CALCIUM CHLORIDE, administration & dosage/ FIBRINOGEN, administration & dosage/ HYDROCHLORIC ACID, administration & dosage/ INSULIN, administration & dosage/ LACTATES, administration & dosage/ MAGNESIUM SULFATE, administration & dosage/ \*MATHEMATICS/ METHODS/ POTASSIUM CHLORIDE, administration & dosage/ SODIUM, administration & dosage/ SODIUM CHLORIDE, administration & dosage/ \*WATER-ELECTROLYTE BALANCE



# AUTHOR SECTION

1017. Cheret AM, Bonfils S: Pepsine et pepsinogène. Origine, propriétés, préparation.  
Path Biol (Paris) 18:317-42, Mar 70 (360 ref.) (Fre)  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CHROMATOGRAPHY/ DOGS/ ELECTROPHORESIS/ \*ENZYME PRECURSORS/ FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ MUCOUS MEMBRANE, enzymology/ \*PEPSIN/ PEPSIN, analysis/ PEPSIN, antagonists & inhibitors/ PEPSIN, blood/ PEPSIN, classification/ PEPSIN, isolation & purification/ PEPSIN, secretion/ PEPSIN, urine/ PEPTIDE HYDROLASES/ PYLORUS, enzymology/ RABBITS/ RATS/ REVIEW
1018. Chernaia VV: Vliianie vnutrievnogo vvedeniia polivinola na sostoiianie svertyvalushchei i fibrinoliticheskoi sistem krovi pri gipofibrinogenemii.  
Probl Gemat 13:16-9, May 68 (Rus)  
\*AFIBRINOGENEMIA, drug therapy/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS, drug effects/ \*HEMORRHAGE, POSTPARTUM, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ \*PLASMA SUBSTITUTES, pharmacodynamics/ PLASMA SUBSTITUTES, therapeutic use/ \*POLYVINYLS, pharmacodynamics/ POLYVINYLS, therapeutic use/ PREGNANCY
1019. Cherniak NB, Timofeeva LM, Skopina SB: Vliianie zamorazhivaniia na biokhimicheskie kharakteristiki trombotsitov.  
Vop Med Khim 16:189-95, Mar-Apr 70 (Rus)  
ADENINE NUCLEOTIDES/ ADENOSINE TRIPHOSPHATASE, metabolism/ AMINOHYDROLASES, metabolism/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ DIMETHYL SULFOXIDE, pharmacodynamics/ ENGLISH ABSTRACT/ \*FREEZING/ GLUCOSYLTRANSFERASES, metabolism/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCOLYSIS/ HEXOKINASE, metabolism/ LACTATE DEHYDROGENASE, metabolism/ OXYGEN CONSUMPTION
1020. Cherniak NB, Timofeeva LM, Frinovskaia IV: Anaerobnoe rassheplenie uglevodov i aktivnost' fermentov v trombotsitakh pri gemorragicheskoi trombocitemii. Probl Gemat 15:44-9, 1970 (Rus)  
\*BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ \*CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, enzymology/ \*HEMORRHAGIC THROMBOCYTHEMIA, metabolism/ HUMAN/ MALE/ METHODS
1021. Chernobyl'skaia GD, Balandina SA, Mikhlin SIA: Issledovaniia aktivnosti pankreaticheskikh fermentov pri anemicheskikh sostoianiakh.  
Pediatrlia 48:57-61, Dec 69 (Rus)  
\*AMYLASE, analysis/ ANEMIA, complications/ \*ANEMIA, enzymology/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, complications/ HUMAN/ INFANT/ INFECTION, complications/ \*LIPASE, analysis/ MALE/ \*PANCREAS, enzymology/ \*TRYPSIN, analysis
1022. Chernous ES: Pokazateli fibrinogena krovi u bol'nykh revmatizmom v zavisimosti ot funktsional'nogo sostoiianiia shchitovidnoi zhelezy.  
Vrach Delo 10:34-6, Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOGEN, analysis/ HUMAN/ HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE/ \*RHEUMATISM, blood/ RHEUMATISM, physiopathology/ \*THYROID GLAND, physiopathology
1023. Chernova AA, Gmyria AI: Lechenie bol'nykh so svezhimimi ozhogami glaz.  
Oftal Zh 24:499-503, 1969 (Rus)  
ANIMAL EXPERIMENTS/ \*BURNS, CHEMICAL, therapy/ ENGLISH ABSTRACT/ EYE BURNS, surgery/ \*EYE BURNS, therapy/ FIBRIN FILM AND FOAM/ HEMOSTATICS, therapeutic use/ HUMAN/ PENICILLIN, administration & dosage
1024. Chernyakhovskaya IYu, Kadaghidze ZG, Svet-Moldavsky GJ: Does the cytotoxicity of immune lymphocytes depend on their stickiness?  
Lancet 2:1200-1, 29 Nov 69  
AGGLUTINATION/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD VISCOSITY/ CYTOLOGY/ L CELLS/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ MICE/ PLANT AGGLUTININS, pharmacodynamics
1025. Chernyi VA: Morfologicheskii sostav perifericheskoi krovi pri vnutrilarterial'noi infuzii 5-florouretsila i alkiliruiushchikh preparatov u bol'nykh rakom zheludka. Vop Onkol 16:61-4, Apr 70 (Rus)  
\*ANEMIA, chemically induced/ ENGLISH ABSTRACT/ \*FLUOROURACIL, adverse effects/ HUMAN/ \*LEUKOPENIA, chemically induced/ \*MELPHALAN, adverse effects/ \*NITROGEN MUSTARD COMPOUNDS, adverse effects/ \*STOMACH NEOPLASMS, drug therapy/ \*THIO-TEPA, adverse effects/ \*THROMBOCYTHAEMIA, chemically induced
1026. Chernysheva GV: Tromboticheskaiia aktivnost' krovi u bol'nykh s nedostatochnost'iu krovoobrashcheniia, pereneshikh infarkt miokarda.  
Ter Arkh 42:72-5, Feb 70 (Rus)  
\*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*HEART FAILURE, CONGESTIVE, blood/ HUMAN/ \*MYOCARDIAL INFARCT, complications
1027. Chernysheva GV, Klimentko ED, Amarantova GG, et al: K voprosu o belkovom i lipidnom obmene miokarda pri giperkholesterinemii, vyzvannoi razlichnymi sposobami. Kardiologlia 9:102-7, Nov 69 (Rus)  
ADENOSINE TRIPHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CHOLESTEROL, metabolism/ CORONARY DISEASE, metabolism/ DIET, ATHEROGENIC/ DIETARY FATS, metabolism/ DOGS/ ENGLISH ABSTRACT/ EXERTION/ FATTY ACIDS, analysis/ HEART, drug effects/ HISTOCYTOCHEMISTRY/ HYPERCHOLESTEREMIA, chemically induced/ \*HYPERCHOLESTEREMIA, metabolism/ LIPIDS, analysis/ \*LIPIDS, metabolism/ METHYLTHIOURACIL, pharmacodynamics/ MUSCLE PROTEINS, analysis/ MUSCLE PROTEINS, metabolism/ MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ \*MYOCARDIUM, metabolism/ MYOCARDIUM, pathology/ NITROGEN, analysis/ PHOSPHOLIPIDS, analysis/ \*PROTEINS, metabolism/ VITAMIN D, metabolism
1028. Cherry JD, Bobinski JE, Horvath FL, et al: Acute hemangioma-like lesions associated with ECHO viral infections. Pediatrics 44:498-502, Oct 69  
ACUTE DISEASE/ ANTIBODIES, analysis/ COXSACKIE VIRUS INFECTIONS, complications/ COXSACKIE VIRUSES, isolation & purification/ \*ECHO VIRUS INFECTIONS, complications/ ECHO VIRUSES, isolation & purification/ EXANTHEMA, etiology/ FEMALE/ \*HEMANGIOMA, complications/ HEMANGIOMA, microbiology/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ MALE/ TELANGIECTASIS, microbiology
1029. Chervenka CH: Long-column meniscus depletion sedimentation equilibrium technique for the analytical ultracentrifuge.  
Anal Biochem 34:24-9, Mar 70  
\*CHYMOTRYPSIN/ COMPUTERS, DIGITAL/ ENZYME PRECURSORS/ \*LACTOGLOBULINS/ METHODS/ SPECTRUM ANALYSIS/ TIME



# AUTHOR SECTION

## FACTORS/ \*ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS

1030. Chessells JM, Pitney WR: Fibrin split products in serum of newborn: possible technical errors. *Pediatrics* 45:155, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT,  
NEWBORN
1031. Chesterman CN, Biggs JC, Morgan J, et al: Streptokinase therapy in acute major pulmonary embolism. *Med J Aust* 2:1096-100, 29 Nov 69  
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ BETAMETHASONE, therapeutic use/ FEMALE/ \*HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, diagnosis/ \*PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, adverse effects/ \*STREPTOKINASE, therapeutic use/ \*WARFARIN, therapeutic use
1032. Chesterman CN, Biggs JC, Lord RS: Circulating heparin-like anticoagulant following portacaval anastomosis. *Lancet* 2:665, 26 Sep 70  
\*ANTICOAGULANTS, blood/ BLOOD COAGULATION TESTS/ FIBRINOGEN, analysis/ HEPARIN, blood/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ \*LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, surgery/ MALE/ MIDDLE AGE/ \*PORTACAVAL ANASTOMOSIS/ PROTAMINES, therapeutic use
1033. Cheung WY: Cyclic 3',5'-nucleotide phosphodiesterase. Preparation of a partially inactive enzyme and its subsequent stimulation by snake venom. *Biochim Biophys Acta* 191:303-15, 4 Nov 69  
ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ANIMAL EXPERIMENTS/ \*BRAIN, enzymology/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ DRUG STABILITY/ ENZYME ACTIVATION/ FEEDBACK/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MANGANESE/ METHODS/ NUCLEOTIDASES/ NUCLEOTIDES/ \*PHOSPHATASES/ PHOSPHATASES, antagonists & inhibitors/ PHOSPHATASES, isolation & purification/ SERUM ALBUMIN, BOVINE/ SNAKES/ TIME FACTORS/ TRYPSIN/ TRYPSIN INHIBITORS/ \*VENOMS
1034. Cheung WY: Cyclic 3',5'-nucleotide phosphodiesterase. Demonstration of an activator. *Biochem Biophys Res Commun* 38:533-8, 6 Feb 70  
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ANIMAL EXPERIMENTS/ \*BIOCHEMISTRY/ \*BRAIN, enzymology/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ ENZYME ACTIVATION/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ NERVE TISSUE PROTEINS, isolation & purification/ \*NERVE TISSUE PROTEINS, pharmacodynamics/ \*PHOSPHATASES/ PHOSPHATASES, isolation & purification/ PHOSPHATASES, metabolism/ SNAKES/ STIMULATION, CHEMICAL/ TRYPSIN/ UREA/ VENOMS, pharmacodynamics
1035. Chevrel B, Chevrel JP: Cancers du grêle. *Presse Med* 78:1415-8, 24 Jun 70 (Fre)  
ADENOCARCINOMA, surgery/ ADENOMA, complications/ ADULT/ CARCINOID TUMOR, therapy/ ENTERITIS, REGIONAL, complications/ FEMALE/ HEMANGIOENDOTHELIOMA/ HEMANGIOEPERICYTOMA, surgery/ HODGKIN'S DISEASE, therapy/ HUMAN/ \*INTESTINAL NEOPLASMS/ INTESTINAL NEOPLASMS, surgery/ INTESTINAL NEOPLASMS, therapy/ \*INTESTINE, SMALL/ LEIOMYOSARCOMA, surgery/ LYMPHOSARCOMA, therapy/ MALE/ MELANOMA/ NEOPLASM METASTASIS/ NEURILEMMOMA, surgery/ POLYPS,

## complications/ PRECANCEROUS CONDITIONS/ SARCOMA, KAPOSII'S/ SPRUE, complications

1036. Chevrel B, Chevrel JP: Cancer de l'estomac. II. Tumeurs mésoenchymateuses malignes. *Presse Med* 78:1199-203, 27 May 70 (Fre)  
ANGIOSARCOMA, therapy/ FIBROSARCOMA, therapy/ HEMANGIOEPERICYTOMA, therapy/ HODGKIN'S DISEASE, therapy/ HUMAN/ LEIOMYOSARCOMA, therapy/ LYMPHOMA, GIANT FOLLICULAR, therapy/ LYMPHOSARCOMA, therapy/ NEURILEMMOMA, therapy/ RHABDOMYOSARCOMA, therapy/ SARCOMA, classification/ SARCOMA, therapy/ SARCOMA, KAPOSII'S, therapy/ SARCOMA, RETICULUM CELL, therapy/ \*STOMACH NEOPLASMS, classification/ \*STOMACH NEOPLASMS, therapy
1037. Chevrel ML, Ramée MP: Epanchement péricardique récidivant du nourrisson et hémangioendothéliome bénin. *Ann Anat Path (Paris)* 14:335-42, Jul-Sep 69 (Fre)  
ENGLISH ABSTRACT/ HEART NEOPLASMS, diagnosis/ \*HEART NEOPLASMS, pathology/ HEMANGIOENDOTHELIOMA, diagnosis/ \*HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT/ MALE/ PERICARDIAL EFFUSION, analysis/ \*PERICARDIAL EFFUSION, etiology/ \*PERICARDIUM, pathology
1038. Chhangani DL, Saxena RK, Popli SP, et al: Haemangioepicytoma. *J Laryng* 84:457-61, Apr 70  
ADULT/ \*HEAD/ \*HEMANGIOEPERICYTOMA, diagnosis/ HEMANGIOEPERICYTOMA, pathology/ HEMANGIOEPERICYTOMA, surgery/ HUMAN/ MALE/ \*NECK NEOPLASMS, diagnosis/ NECK NEOPLASMS, pathology
1039. Chiba Y: Serum transfusion as a hemostatic procedure. *Tohoku J Exp Med* 98:303-27, Aug 69  
ABO FACTORS/ ADOLESCENCE/ ADULT/ AGED/ ANEMIA, APLASTIC, therapy/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ \*BLOOD TRANSFUSION/ CAPILLARY FRAGILITY/ CENTRIFUGATION/ FEMALE/ FIBRINOLYSIS/ FIBRINOLYSIS, analysis/ FIBRINOLYSIS/ HEMATURIA, therapy/ HEMORRHAGE, GASTROINTESTINAL, therapy/ \*HEMOSTASIS/ HEPATITIS, therapy/ HUMAN/ LEUKEMIA, MONOCYTIC, therapy/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ STOMACH NEOPLASMS, therapy/ STOMACH ULCER, therapy/ THROMBIN/ THROMBOANGITIS OBLITERANS, therapy/ THROMBOPLASTIN, analysis
1040. Chien S: Shear dependence of effective cell volume as a determinant of blood viscosity. *Science* 168:977-9, 22 May 70  
\*BLOOD VISCOSITY/ \*ERYTHROCYTES/ HUMAN/ ISOTONIC SOLUTIONS/ RHEOLOGY/ SERUM ALBUMIN
1041. Chien S: Obituary. Magnus Ingstrup Gregersen 1903-1969. *Biorheology* 6:155-9, Jan 70  
\*BLOOD VISCOSITY/ CURRENT BIOG-OBIT/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ MEMBRANES, ARTIFICIAL/ \*PHYSIOLOGY, history/ RHEOLOGY, history/ \*SHOCK, history/ THIRST/ UNITED STATES
1042. Chien S, Usami S, Bertles JF: Abnormal rheology of oxygenated blood in sickle cell anemia. *J Clin Invest* 49:623-34, Apr 70  
ADOLESCENCE/ ADULT/ \*ANEMIA, SICKLE CELL, blood/ BLOOD PROTEINS, analysis/ \*BLOOD VISCOSITY/ CELL AGGREGATION/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, physiopathology/ CHILD/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES, physiopathology/ FEMALE/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ ISOTONIC SOLUTIONS/ MALE/ \*OXYGEN/ RHEOLOGY/ SUSPENSIONS/ ULTRACENTRIFUGATION



## AUTHOR SECTION

1043. Chien S, Usami S, Dellenback RJ, et al: Shear-dependent deformation of erythrocytes in rheology of human blood. Amer J Physiol 219:136-42, Jul 70  
BLOOD SPECIMEN COLLECTION/ \*BLOOD VISCOSITY/ CAPILLARIES/ CENTRIFUGATION/ \*ERYTHROCYTES, physiology/ FILTRATION/ HUMAN/ MICROCIRCULATION
1044. Chien S, Usami S, Dellenback RJ, et al: Shear-dependent interaction of plasma proteins with erythrocytes in blood rheology. Amer J Physiol 219:143-53, Jul 70  
ANIMAL EXPERIMENTS/ \*BLOOD PROTEINS/ BLOOD SPECIMEN COLLECTION/ \*BLOOD VISCOSITY/ CENTRIFUGATION/ DOGS/ ELECTROPHORESIS/ ELEPHANTS/ \*ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FIBRINOGEN/ \*FIBRINOGEN/ HUMAN/ SERUM ALBUMIN/ SERUM GLOBULINS/ TIME FACTORS
1045. Chlou WL, Smith LD: Adsorption of organic compounds by commercial filter papers and its implication on quantitative-qualitative chemical analysis. J Pharm Sci 59:843-7, Jun 70  
\*ADSORPTION/ \*CHEMISTRY, ANALYTICAL, instrumentation/ ETHINYL ESTRADIOL, analysis/ \*FILTRATION, instrumentation/ GRISEOFULVIN, analysis/ NAPHTHALENES, analysis/ PAPER/ SOLUBILITY/ SPIRONOLACTONE, analysis/ WARFARIN, analysis/ WATER
1046. Chipail A, Schner JH, Schrotter L, et al: Activitatea factorului stabilizator al fibrinei în perioada neonatală. Rev Medicochir Iasi 74:29-34, Jan-Mar 70 (Rum)  
AGE FACTORS/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*FACTOR XIII, analysis/ HEMORRHAGIC DISEASE OF NEWBORN, etiology/ HUMAN/ \*INFANT, NEWBORN
1047. Chipail A, Schner JH: Coagularea intravasculară în bolile grave ale sugarului. Pediatria (Bucur) 18:517-24, Nov-Dec 69 (Rum)  
\*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*ENTEROCOLITIS, ACUTE, complications/ FEMALE/ \*HEMORRHAGE, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*INFANT NUTRITION DISORDERS, complications/ \*LUNG ABSCESS, complications/ MALE/ \*WATERHOUSE-FRIDERICHSEN SYNDROME, complications
1048. Chipail GG, Diaconescu M, Răileanu R, et al: Asupra indicatilor splenectomilor. Rev Medicochir Iasi 74:91-6, Jan-Mar 70 (Rum)  
ADOLESCENCE/ ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, surgery/ ANEMIA, HEMOLYTIC, CONGENITAL, surgery/ ENGLISH ABSTRACT/ ESOPHAGEAL NEOPLASMS, surgery/ GASTRECTOMY/ HUMAN/ INFANT/ INFANT, NEWBORN/ POSTOPERATIVE COMPLICATIONS/ PURPURA, THROMBOPENIC, surgery/ \*SPLENECTOMY/ SPLENIC DISEASES, surgery/ STOMACH NEOPLASMS, surgery
1049. Chistiakova VG: Izmeneniia tromboelastogrammy pri gemorragicheskikh dteazakh. Klin Med (Moskva) 47:61-4, Jul 69 (Rus)  
ADULT/ ENGLISH ABSTRACT/ \*HEMORRHAGIC DIATHESIS, blood/ HUMAN/ MIDDLE AGE/ \*THROMBELASTOGRAPHY
1050. Chistiakova VG: Diagnosticheskoe znachenie 3 fraktsii svertyvaniia krovi pri gemorragicheskikh dteazakh. Sovet Med 32:135-7, Nov 69 (Rus)  
ADULT/ ANEMIA, APLASTIC, diagnosis/ \*BLOOD COAGULATION FACTORS, analysis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ \*HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, diagnosis
1051. Chivot JJ, Depernet D, Caen J: Détermination radiochromatographique de l'adénosine déaminase plasmatique. Clin Chim Acta 27:241-50, Feb 70 (Fre)  
AMINOHYDROLASES, antagonists & inhibitors/ \*AMINOHYDROLASES, blood/ ANTICOAGULANTS/ BENZOATES/ CARBON ISOTOPES/ \*CHROMATOGRAPHY, PAPER/ CITRATES/ DIPYRIDAMOLE/ EDTA/ ENGLISH ABSTRACT/ HEART/ HEPARIN/ HUMAN/ KINETICS/ MERCURY/ METHODS/ NUCLEOSIDES/ ORGANOMETALLIC COMPOUNDS/ PROTEIN DENATURATION/ RADIOAUTOGRAPHY/ UREA
1052. Chizek DJ, Franceschetti AT: Oral contraceptives: their side effects and ophthalmological manifestations. Survey Ophthal 14:90-105, Sep 69 (107 ref.)  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION FACTORS/ CEREBROVASCULAR CIRCULATION, drug effects/ CEREBROVASCULAR DISORDERS, chemically induced/ CHEMISTRY/ CONTACT LENSES/ \*CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ EDEMA/ ESTROGENS, adverse effects/ \*EYE, drug effects/ EYE DISEASES, chemically induced/ EYE MANIFESTATIONS/ FEMALE/ GLAUCOMA, drug therapy/ HUMAN/ LENS, CRYSTALLINE, drug effects/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ OPTIC NEURITIS, chemically induced/ PROGESTATIONAL HORMONES, adverse effects/ RETINAL VESSELS, drug effects/ REVIEW/ THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, occurrence
1053. Chizhikov AS, Kobrik VA: Elektroforez vitamina V 12 v zonu giperal'gezi serdtsa pri koronarnoi nedostatochnosti. Vop Kurort Fizioter 34:527-9, Nov-Dec 69 (Rus)  
ADULT/ CHOLESTEROL, blood/ \*CORONARY DISEASE, therapy/ ELECTROPHORESIS/ FEMALE/ FIBRIN, blood/ HUMAN/ LECITHINS, blood/ MALE/ MIDDLE AGE/ \*VITAMIN B 12, administration & dosage
1054. Chmelo K, Bendík I: Účinnosť výmeny krvi u novorodencov. Cesk Gynek 34:490-3, Oct 69 (Slo)  
ABO FACTORS/ BILIRUBIN, blood/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ \*EXCHANGE TRANSFUSION/ FEMALE/ FETAL HEMOGLOBIN, analysis/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ RH FACTORS
1055. Chmielewski J: Adhezja i agregacja krwinek płytkowych u chorych na cukrzycę. Pol Tyg Lek 25:246-8, 16 Feb 70 (Pol)  
ADHESIVENESS/ ADOLESCENCE/ ADULT/ AGED/ \*BLOOD PLATELETS/ CHOLESTEROL, blood/ \*DIABETES MELLITUS, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE
1056. Chong YH, Ho GS: Erythrocyte transketolase activity. Amer J Clin Nutr 23:261-6, Mar 70  
ALDEHYDES/ BERIBERI, enzymology/ BLOOD PRESERVATION/ ERYTHROCYTES, drug effects/ \*ERYTHROCYTES, enzymology/ ETHNIC GROUPS/ FEMALE/ HUMAN/ MALAYSIA/ MALE/ OCCUPATIONS/ PREGNANCY/ PRISONS/ STIMULATION, CHEMICAL/ TEMPERATURE/ THIAMINE, therapeutic use/ THIAMINE, urine/ THIAMINE DEFICIENCY, diagnosis/ THIAMINE DEFICIENCY, drug therapy/ THIAMINE DEFICIENCY, enzymology/ THIAMINE PYROPHOSPHATE, pharmacodynamics/ TIME FACTORS/ \*TRANSFERASES, blood
1057. Choudhery AK, Mikolajcik EM: Activity of Bacillus cereus proteinases in milk. J Dairy Sci 53:363-6, Mar 70  
\*BACILLUS CEREUS, enzymology/ BACILLUS CEREUS, metabolism/ \*CASEIN, metabolism/ ELECTROPHORESIS/ \*MILK, enzymology/



# AUTHOR SECTION

- \*MILK, microbiology/ \*PEPTIDE  
HYDROLASES, analysis/ STERILIZATION
1058. Choudhuri KK, Chakrabarty AN: Relationship of staphylococcal toxins and enzymes with serological and phage types. *J Clin Path* 23:370-2, May 70  
BACTERIOPHAGE TYPING/ FIBRINOLYSIS/  
GLUCOSE, analysis/ HEMOLYSINS, analysis/  
HYALURONIDASE, analysis/ MANNITOL,  
analysis/ PHOSPHATASES, analysis/  
SEROTYPING/ \*STAPHYLOCOCCUS,  
classification/ \*STAPHYLOCOCCUS,  
enzymology/ \*TOXINS, analysis
1059. Choudhuri KK, Chakrabarty AN: Hyaluronate lyase activity of staphylococci.  
*Indian J Exp Biol* 7:183-5, Jul 69  
BACTERIOPHAGE TYPING/ COAGULASE,  
metabolism/ HEMOLYSINS, metabolism/  
\*HYALURONIDASE, metabolism/  
\*STAPHYLOCOCCUS, enzymology
1060. Christensen LK, Kristensen M: [Drug induced changes of the blood glucose lowering effect of oral hypoglycemic agents]  
*Acta Diabet Lat [Suppl]* 1:116-36, Sep 69 (Mul)  
AGED/ ANTIDIABETICS, metabolism/  
\*ANTIDIABETICS, pharmacodynamics/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
\*BLOOD SUGAR, analysis/  
CHLORPROPAMIDE, blood/  
CHROMATOGRAPHY, THIN LAYER/ DRUG  
SYNERGISM/ HUMAN/ HYPOGLYCEMIA,  
chemically induced/ LIVER, metabolism/  
PROTEIN BINDING/ SULFAPHENAZOLE/  
SULFUR ISOTOPES/ TOLBUTAMIDE,  
antagonists & inhibitors/ TOLBUTAMIDE,  
blood/ TOLBUTAMIDE, urine
1061. Christensen LK, Skovsted L: Inhibition of drug metabolism by chloramphenicol.  
*Lancet* 2:1397-9, 27 Dec 69  
AGED/ \*BIOTRANSFORMATION, drug effects/  
BISHYDROXYCOUMARIN, blood/  
\*BISHYDROXYCOUMARIN, metabolism/  
CARBON ISOTOPES/ \*CHLORAMPHENICOL,  
pharmacodynamics/ CHLORAMPHENICOL,  
therapeutic use/ CHROMATOGRAPHY, THIN  
LAYER/ DIPHENYLHYDANTOIN, blood/  
\*DIPHENYLHYDANTOIN, metabolism/  
HUMAN/ HYPOGLYCEMIA, complications/  
MALE/ PARKINSONISM, drug therapy/  
TOLBUTAMIDE, blood/ \*TOLBUTAMIDE,  
metabolism/ TOLBUTAMIDE, therapeutic use
1062. Christoffersen P, Henriksen H, Larsen NA, et al: The haemolytic-uraemic syndrome. Trombotic thrombocytopenic purpura in an eight-year-old boy.  
*Danish Med Bull* 18:252-6, Sep 69  
BLOOD CELL COUNT/ BLOOD PRESSURE  
DETERMINATION/ CHILD/  
HEMOGLOBINOMETRY/ HUMAN/ MALE/  
PURPURA, THROMBOTIC THROMBOPENIC,  
pathology/ \*PURPURA, THROMBOTIC  
THROMBOPENIC, physiopathology/ UREA,  
blood
1063. Chrobák L, Polák J: Nejčastější místa hemofilických krvácení a jejich častost.  
*Vnitřní Lek* 16:5-10, Jan 70 (Cze)  
ADULT/ BLOOD COAGULATION TESTS/  
CHILD/ ENGLISH ABSTRACT/  
HEMOPHILIA/ \*HEMORRHAGE/ HUMAN
1064. Chrzanowska M, Barbier M: Recherches sur l'assistance hépatique temporaire chez le chien. Données biologiques.  
*Rev Int Hepat* 19:143-64, 1969 (Fre)  
AMINOTRANSFERASES, blood/ AMMONIA,  
blood/ ANIMAL EXPERIMENTS/ BILE,  
metabolism/ BILIRUBIN, metabolism/ BLOOD  
PRESSURE/ BLOOD PROTEINS, analysis/  
DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN,  
analysis/ GLUCOSE, blood/ GLYCOGEN,  
metabolism/ HEMATOCRIT/ HEMODYNAMICS/  
HEPATECTOMY, adverse effects/  
HYDROGEN-ION CONCENTRATION/  
HYPERKALEMIA/ LACTATES, blood/ \*LIVER,  
transplantation/ LIVER CIRCULATION/ LIVER  
FUNCTION TESTS/ \*PERFUSION/ PORTAL
- SYSTEM, physiology/ TRANSPLANTATION,  
HOMOLOGOUS/ UREA, blood
1065. Chua GK, Bushuk W: Purification of wheat proteases by affinity chromatography on hemoglobin-Sepharose column.  
*Biochem Biophys Res Commun* 37:545-50, 22 Oct 69  
AMMONIUM COMPOUNDS/ BROMINE/  
CHEMISTRY/ \*CHROMATOGRAPHY/  
CYANIDES/ DIALYSIS/ ELECTROPHORESIS,  
DISK/ FILTRATION/ FLOUR/ FREEZE  
DRYING/ HEMOGLOBIN/ MALT/ METHODS/  
\*PEPTIDE HYDROLASES, isolation &  
purification/ \*PLANTS, enzymology/  
POLYSACCHARIDES/ PRECIPITATION/  
WHEAT, enzymology
1066. Chumakov FI, Paramonova EA: Udalenie angliofibromy naruzhnogo nosa s odnovermennoi plastikoilifilizirovannym gomokhrishchom.  
*Vestn Otorinolaring* 31:89-90, May-Jun 69 (Rus)  
ADOLESCENCE/ \*ANGIOMA, SCLEROSING,  
surgery/ \*CARTILAGE, transplantation/ CASE  
REPORT/ FREEZE DRYING/ HUMAN/ MALE/  
\*NOSE NEOPLASMS, surgery/  
\*RHINOPLASTY/ TISSUE PRESERVATION/  
TRANSPLANTATION, HOMOLOGOUS
1067. Chumbley LC: Pseudohyperkalemia in acute myelocytic leukemia. *JAMA* 1:1007-9, 9 Feb 70  
AGED/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ BLOOD PLATELETS,  
metabolism/ BLOOD TRANSFUSION/  
ELECTROCARDIOGRAPHY/ HEMATOCRIT/  
HUMAN/ \*HYPERKALEMIA, etiology/  
\*LEUKEMIA, MYELOBLASTIC, complications/  
LEUKEMIA, MYELOBLASTIC, drug therapy/  
LEUKEMIA, MYELOBLASTIC, therapy/  
LEUKOCYTE COUNT/ LEUKOCYTES,  
metabolism/ MALE/ MERCAPTOPYRINE,  
therapeutic use/ METHOTREXATE,  
therapeutic use/ POTASSIUM, blood/  
POTASSIUM, metabolism/ PREDNISONE,  
therapeutic use/ VINCRISTINE, therapeutic use
1068. Chumbley LC: Pseudohyperkalemia in acute myelocytic leukemia. *JAMA* 211:1007-9, 9 Feb 70  
AGED/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ BLOOD PLATELETS,  
metabolism/ BLOOD TRANSFUSION/  
ELECTROCARDIOGRAPHY/ HEMATOCRIT/  
HUMAN/ \*HYPERKALEMIA, etiology/  
\*LEUKEMIA, MYELOBLASTIC, complications/  
LEUKEMIA, MYELOBLASTIC, drug therapy/  
LEUKEMIA, MYELOBLASTIC, therapy/  
LEUKOCYTE COUNT/ LEUKOCYTES,  
metabolism/ MALE/ MERCAPTOPYRINE,  
therapeutic use/ METHOTREXATE,  
therapeutic use/ POTASSIUM, blood/  
POTASSIUM, metabolism/ PREDNISONE,  
therapeutic use/ VINCRISTINE, therapeutic use
1069. Chung EB: Multiple bile-duct hamartomas.  
*Cancer* 26:287-96, Aug 70  
AGED/ AUTOPSY/ \*BILE DUCTS,  
INTRAHEPATIC/ BILE PIGMENTS/  
CELLULAR INCLUSIONS/ FEMALE/  
\*HAMARTOMA/ HAMARTOMA, complications/  
HAMARTOMA, pathology/ HEMANGIOMA,  
complications/ HUMAN/ KIDNEY,  
POLYCYSTIC, complications/ KIDNEY,  
POLYCYSTIC, familial & genetic/ LIVER,  
pathology/ \*LIVER NEOPLASMS/ LIVER  
NEOPLASMS, complications/ LIVER  
NEOPLASMS, pathology/ MALE/ MIDDLE  
AGE/ NEGROES
1070. Chung TH, Vahouny GV, Treadwell CR: Diet-induced inhibition of experimental atherosclerosis in rabbits by 2-ethyl-n-caproic acid.  
*J Atheroscler Res* 10:217-27, Sep-Oct 69  
ANIMAL EXPERIMENTS/ AORTA, analysis/  
AORTA, pathology/ ARTERIOSCLEROSIS,  
pathology/ \*ARTERIOSCLEROSIS, prevention  
& control/ CAPROATES, pharmacodynamics/  
\*CHOLESTEROL, metabolism/ DIET,  
ATHEROGENIC/ \*FATTY ACIDS,  
pharmacodynamics/ \*INTESTINAL



# AUTHOR SECTION

- ABSORPTION, drug effects/ LIPIDS, analysis/  
\*LIPOPROTEINS, blood/ LIVER, analysis/  
MALE/ RABBITS
1071. Chyrek-Borowska S, Bielawiec M, Obrzut D, et al: Badania aktywności fibrynolitycznej osocza u chorych na dychawicę oskrzelową.  
Pol Arch Med Wewn 43:1347-51, Oct 69 (Pol)  
ADOLESCENCE/ ADULT/ \*ASTHMA, blood/  
ENGLISH ABSTRACT/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
GLUCOCORTICOIDS, pharmacodynamics/  
HUMAN/ HYPERSENSITIVITY, blood/ MALE/  
MIDDLE AGE
1072. Cianci PE, Piscatelli RL: Femoral neuropathy secondary to retroperitoneal hemorrhage.  
JAMA 210:1100-1, 10 Nov 69  
AGED/ FEMALE/ \*FEMORAL NERVE/  
HEMORRHAGE, chemically induced/  
\*HEMORRHAGE, complications/  
HEMORRHAGE, radiography/ HEPARIN,  
adverse effects/ HUMAN/ MYOCARDIAL  
INFARCT, drug therapy/ PERIPHERAL  
NERVE DISEASES, etiology/  
\*RETROPERITONEAL SPACE/ UROGRAPHY
1073. Clevárek Z, Remencová E: Odběr krvi na stanovení amoniaku v podmlenkách klinicko-biochemického laboratória. Bratisl Lek Listy 53:666-71, 1970 (Slo)  
\*AMMONIA, blood/ BLOOD PRESERVATION/  
\*BLOOD SPECIMEN COLLECTION/  
CZECHOSLOVAKIA/ ENGLISH ABSTRACT/  
HEPARIN, analysis/ HUMAN/  
LABORATORIES/ NITROGEN, blood
1074. Cieplewska D, Lopaciuk S: Wrodzony brak czynnika stabilizującego skrzep. (Czynnik 13)  
Pediat Pol 45:829-32, Jul 70 (Pol)  
\*BLOOD COAGULATION DISORDERS/  
\*FACTOR XIII, analysis/ FEMALE/  
HEMOSTASIS/ HUMAN/ INFANT
1075. Cincă N: Pepsinogenul, pepsina și inhibitorii de pepsină. Aspecte actuale de fiziologie și clinică.  
Stud Cercet Med Intern 11:23-37, 1970 (68 ref.) (Rum)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ GASTRIC JUICE, analysis/  
GASTRIC MUCOSA, metabolism/  
GASTROINTESTINAL SYSTEM, enzymology/  
HUMAN/ PEPSIN, antagonists & inhibitors/  
\*PEPSIN, biosynthesis/ \*PEPSIN, metabolism/  
PEPTIDE HYDROLASES, physiology/  
POLYSACCHARIDES, pharmacodynamics/  
REVIEW/ SULFUR, pharmacodynamics
1076. Ciohodaru G, Iacomi G, Dimitriu O, et al: Problemele fracturilor de bazin cu leziuni asociate.  
Rev Medicochir Iasi 74:103-10, Jan-Mar 70 (Rum)  
ENGLISH ABSTRACT/ FEMORAL  
FRACTURES, complications/ \*FRACTURES,  
complications/ \*HEMATOMA, etiology/  
\*HEMOPERITONEUM, etiology/ HUMAN/  
ILIAC ARTERY/ \*INTESTINAL  
PERFORATION, etiology/ OSTEOMYELITIS,  
etiology/ \*PELVIC BONES/ \*PERITONITIS,  
etiology/ RETROPERITONEAL SPACE/  
RUPTURE/ THROMBOSIS, etiology/  
URETHRA, injuries/ \*UROLOGIC DISEASES,  
etiology
1077. Citone G, Fazzini PF, Florani P, et al: Studio umorale dell'azione terapeutica di un estratto di parete arteriosa nelle arteriopatie ostruttive arteriosclerotiche.  
Minerva Med 61:3499-506, 25 Aug 70 (Ita)  
\*ARTERIES/ \*ARTERIOSCLEROSIS  
OBLITERANS, drug therapy/ \*BLOOD  
COAGULATION, drug effects/  
\*CHOLESTEROL, blood/ ENGLISH  
ABSTRACT/ HUMAN/ \*LIPOPROTEINS,  
blood/ THROMBELASTOGRAPHY/ \*TISSUE  
EXTRACTS, therapeutic use
1078. Claes G, Ljungqvist U, Bergentz SE: Trombocytreaktioner vid rektion av transplanterad njure. Nord Med 84:964, 23 Jul 70 (Swe)  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELET  
DISORDERS, diagnosis/ CHROMIUM
- ISOTOPES/ DOGS/ \*KIDNEY, transplantation/  
\*TRANSPLANTATION IMMUNOLOGY
1079. Clark ML, Philip RB, Gowdey CW: Changes in platelets and lipids in experimental aroembolism and bends.  
Aerospace Med 40:1094-8, Oct 69  
ANIMAL EXPERIMENTS/ ATMOSPHERIC  
PRESSURE/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ BLOOD PRESSURE/  
CHROMATOGRAPHY, PAPER/  
DECOMPRESSION SICKNESS, blood/  
\*DECOMPRESSION SICKNESS,  
physiopathology/ DEXTRAN, administration &  
dosage/ EMBOLISM, AIR, blood/ EMBOLISM,  
AIR, chemically induced/ \*EMBOLISM, AIR,  
physiopathology/ PLATELET ADHESIVENESS/  
RABBITS/ RATS/ THROMBOCYTOSIS,  
chemically induced/ THROMBOPENIA,  
chemically induced/ \*THROMBOPENIA,  
physiopathology
1080. Clark RA, Rösch J: Arteriography in the diagnosis of large bowel bleeding. Radiology 94:83-8, Jan 70  
ADULT/ AGED/ \*ANGIOGRAPHY/  
\*CARCINOMA, complications/ CARCINOMA,  
radiography/ CELIAC ARTERY, radiography/  
\*COLONIC DISEASES, radiography/ \*COLONIC  
NEOPLASMS, complications/ COLONIC  
NEOPLASMS, radiography/ FEMALE/  
\*HEMANGIOMA, complications/  
HEMANGIOMA, radiography/ \*HEMORRHAGE,  
GASTROINTESTINAL, radiography/ HEPATIC  
ARTERY, radiography/ HUMAN/ MALE/  
MESENTERIC ARTERIES, radiography/  
MESENTERIC VEINS, radiography/ MIDDLE  
AGE/ SPLENIC VEIN, radiography
1081. Clark WG, Monks CJ: Retropharyngeal haematoma.  
J Laryng 83:1039-42, Oct 69  
CHILD, PRESCHOOL/ \*FOREIGN BODIES/  
FOREIGN BODIES, therapy/ HEMATOMA,  
complications/ \*HEMATOMA, diagnosis/  
HEMATOMA, etiology/ HUMAN/ \*LARYNX/  
MALE/ \*PHARYNGEAL DISEASES, diagnosis/  
PHARYNGEAL DISEASES, radiography/  
RESPIRATORY INSUFFICIENCY,  
complications
1082. Clark WR Jr, Leather RF: Hemostasis during liver resections. Surgery 67:556-7, Mar 70  
\*HEMOSTASIS/ HUMAN/ \*LIVER, surgery/  
METHODS
1083. Clarke JA, Hawkey C, Salsbury AJ: Surface ultrastructure of platelets and thrombocytes.  
Nature (London) 223:401, 26 Jul 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, cytology/ CHICKENS/ HUMAN/  
MICROSCOPY, ELECTRON/ MONKEYS/  
\*SURFACE PROPERTIES/ TURKEYS
1084. Clarkson AR, Fuster V, Cash JD: Heparin and the haemolytic-uraemic syndrome.  
Brit Med J 3:463, 22 Aug 70  
\*ANEMIA, HEMOLYTIC, drug therapy/  
FIBRINOLYSIS, drug effects/ \*HEPARIN,  
therapeutic use/ HUMAN/ \*KIDNEY  
FAILURE, ACUTE, drug therapy/ PLATELET  
ADHESIVENESS, drug effects/  
\*THROMBOPENIA, drug therapy/  
THROMBOSIS, drug therapy
1085. Clarkson AR, Lawrence JR, Meadows R, et al: The haemolytic uraemic syndrome in adults.  
Quart J Med 39:227-44, Apr 70  
ADOLESCENCE/ ADULT/ \*ANEMIA,  
HEMOLYTIC, complications/ CHILD/  
FEMALE/ HEMODIALYSIS/ HEPARIN,  
therapeutic use/ HUMAN/ KIDNEY CORTEX  
NECROSIS, drug therapy/ KIDNEY CORTEX  
NECROSIS, pathology/ \*KIDNEY FAILURE,  
ACUTE, complications/ KIDNEY FAILURE,  
ACUTE, pathology/ KIDNEY FAILURE,  
ACUTE, therapy/ LIVER, pathology/ MALE/  
MIDDLE AGE/ MYOCARDIUM, pathology/  
PERITONEAL DIALYSIS/ PREDNISOLONE,  
therapeutic use/ THROMBOPENIA, drug  
therapy/ THROMBOPENIA, pathology
1086. Clarkson AR, MacDonald MK, Fuster V, et al:



# AUTHOR SECTION

- Glomerular lesions in acute pancreatitis.  
Lancet 2:726, 3 Oct 70  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
HUMAN/ \*KIDNEY GLOMERULUS, pathology/  
PANCREATITIS, complications/  
\*PANCREATITIS, pathology/ RABBITS/  
TRYPSIN, adverse effects
1087. Clarkson AR, Meadows R, Lawrence JR: Post-partum renal failure. The generalized Schwartzman reaction. Three further cases and a review.  
Aust Ann Med 18:209-16, Aug 69  
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ \*ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ BRAIN, pathology/ FEMALE/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ \*KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY GLOMERULUS, pathology/ LUNG, pathology/ MYOCARDIUM, pathology/ PREGNANCY/ \*PUERPERAL DISORDERS, complications/ PUERPERAL DISORDERS, pathology/ PULMONARY EDEMA, etiology/ \*SHWARTZMAN PHENOMENON, complications/ SHWARTZMAN PHENOMENON, pathology
1088. Clarkson B, Strife A, Fried J, et al: Studies of cellular proliferation in human leukemia. IV. Behavior of normal hemopoietic cells in 3 adults with acute leukemia given continuous infusions of 3H-thymidine for 8 or 10 days. Cancer 26:1-19, Jul 70  
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ ERYTHROCYTES/ FEMALE/ HEMATOPOIESIS/ \*HEMATOPOIETIC SYSTEM, physiopathology/ HEMOGLOBINOMETRY/ HUMAN/ KINETICS/ LEUKEMIA, LYMPHOBLASTIC, blood/ \*LEUKEMIA, LYMPHOBLASTIC, physiopathology/ LEUKEMIA, MYELOBLASTIC, blood/ \*LEUKEMIA, MYELOBLASTIC, physiopathology/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MALE/ RADIOAUTOGRAPHY/ THYMIDINE/ TRITIUM
1089. Clausen CR, Munoz J, Bergman RK: Reaginic-type of antibody in mice stimulated by extracts of Bordetella pertussis. J Immun 103:768-77, Oct 69  
ADJUVANTS, IMMUNOLOGIC/ ANIMAL EXPERIMENTS/ \*ANTIBODIES, analysis/ \*ANTIBODY FORMATION/ \*ANTIGENS/ BLOOD PRESERVATION/ \*BORDETELLA PERTUSSIS, immunology/ ENDOTOXINS/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ GUINEA PIGS/ HEAT/ HEMAGGLUTINATION TESTS/ MERCAPTOETHANOL, pharmacodynamics/ MICE/ PASSIVE CUTANEOUS ANAPHYLAXIS/ REAGINS/ SALMONELLA, immunology/ SKIN, immunology/ SPECIES SPECIFICITY
1090. Cleary RE, Dajani RM: Current status of oral contraceptives.  
Med Clin N Amer 54:163-71, Jan 70 (81 ref.)  
AMENORRHEA, chemically induced/ BLOOD COAGULATION, drug effects/ CARBOHYDRATES, metabolism/ \*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ LIVER, drug effects/ PREGNANCY/ REVIEW/ THROMBOEMBOLISM, chemically induced/ THYROID GLAND, drug effects
1091. Clémenty J: Problèmes posés par le traitement d'urgence de l'infarctus du myocarde récent.  
Bordeaux Med 3:1365-72, May 70 (Fre)  
\*ANTICOAGULANTS, administration & dosage/ HUMAN/ \*MORPHINANS, administration & dosage/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality
1092. Clodius L, Smahel J: POR 8, a new vasoconstrictor substitute for adrenaline in plastic surgery.  
Brit J Plast Surg 23:73-6, Jan 70  
ADOLESCENCE/ AGED/ ANESTHESIA, GENERAL/ ANESTHESIA, LOCAL/ ARRHYTHMIA, chemically induced/ COMPARATIVE STUDY/ EPINEPHRINE, administration & dosage/ FEMALE/ HEMANGIOMA, surgery/ HEMOSTASIS/ HUMAN/ MEPIVACAINE/ SKIN, transplantation/ \*SURGERY, PLASTIC/ TRANSPLANTATION, AUTOLOGOUS/ \*VASOCONSTRICTOR AGENTS, administration & dosage/ VASOCONSTRICTOR AGENTS, adverse effects/ \*VASOPRESSIN, administration & dosage/ VASOPRESSIN, adverse effects
1093. Cluff LE: Effects of endotoxins on susceptibility to infections. J Infect Dis 122:205-15, Sep 70 (105 ref.)  
BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION, drug effects/ BODY TEMPERATURE REGULATION, drug effects/ COMPLEMENT, analysis/ \*ENDOTOXINS, pharmacodynamics/ IMMUNITY, drug effects/ \*INFECTION, etiology/ INTERFERON, analysis/ LEUKOCYTES, drug effects/ METABOLISM, drug effects/ RETICULOENDOTHELIAL SYSTEM, drug effects/ REVIEW
1094. Clyne DH, Kincaid-Smith P, Ribush NT, et al: Improvement in renal blood flow of rejecting renal allografts during heparin infusion.  
Med J Aust 1:522-4, 14 Mar 70  
ADOLESCENCE/ ADULT/ CADAVER/ FEMALE/ GRAFT VS HOST REACTION/ \*HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ IODOHIPURIC ACID, diagnostic use/ KIDNEY, blood supply/ \*KIDNEY, transplantation/ MALE/ \*REGIONAL BLOOD FLOW, drug effects/ TRANSPLANTATION, HOMOLOGOUS
1095. Clyne DH, Kincaid-Smith P, Ribush NT, et al: Improvement in renal blood flow of rejecting renal allografts during heparin infusion.  
Med J Aust 1:522-4, 14 Mar 70  
ADULT/ CADAVER/ FEMALE/ GRAFT VS HOST REACTION/ \*HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ IODOHIPURIC ACID, diagnostic use/ KIDNEY, blood supply/ \*KIDNEY, transplantation/ MALE/ \*REGIONAL BLOOD FLOW, drug effects/ TRANSPLANTATION, HOMOLOGOUS
1096. Coan MH, Travis J: Comparative biochemistry of proteases from a coelenterate.  
Comp Biochem Physiol 32:127-39, 1 Jan 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM/ CHYMOTRYPSIN/ \*COELENTERATA, enzymology/ DRUG STABILITY/ ENZYME PRECURSORS, analysis/ ESTERASES, antagonists & inhibitors/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ \*PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PIPERAZINES/ TEMPERATURE/ TROMETHAMINE/ TRYPSIN/ TRYPSIN INHIBITORS
1097. Coates ME, Hewitt D, Golob P: A comparison of the effects of raw and heated soya-bean meal in diets for germ-free and conventional chicks.  
Brit J Nutr 24:213-25, Mar 70  
AMINO ACIDS, analysis/ AMYLASE, analysis/ ANIMAL EXPERIMENTS/ \*ANIMAL FEED/ BODY WEIGHT/ \*CHICKENS, growth & development/ CHYMOTRYPSIN, analysis/ \*GERM-FREE LIFE/ HEAT/ INTESTINES, analysis/ NITROGEN, analysis/ ORGAN WEIGHT/ PANCREAS, anatomy & histology/ PANCREAS, enzymology/ PEPTIDE HYDROLASES, analysis/ \*SOY BEANS/ TRYPSIN, analysis
1098. Coburn JW, Massry SG, Gordon S, et al: Spurious hypocalcemia in patients undergoing maintenance hemodialysis. Amer J Clin Path 52:572-6, Nov 70  
BLOOD BANKS/ \*BLOOD PRESERVATION,



# AUTHOR SECTION

- adverse effects/ BLOOD SPECIMEN  
COLLECTION/ FREEZING, adverse effects/  
\*HEMODIALYSIS/ HUMAN/ \*HYPOCALCEMIA,  
diagnosis/ PLASMA/ REFRIGERATION,  
adverse effects/ TIME FACTORS/ UREMIA,  
blood
1099. Cochrane CG, Müller-Eberhard HJ, Alkin BS: Depletion of plasma complement in vivo by a protein of cobra venom: its effect on various immunologic reactions. *J Immun* 105:55-69, Jul 70  
ANIMAL EXPERIMENTS/ ARTHUS  
PHENOMENON, immunology/ BLOOD  
COAGULATION TESTS/ CENTRIFUGATION,  
DENSITY GRADIENT/ CHEMOTAXIS, drug  
effects/ \*COMPLEMENT, analysis/  
COMPLEMENT, antagonists & inhibitors/  
DERMATITIS, CONTACT, immunology/  
GUINEA PIGS/ HEMOLYSIS/ IODINE  
ISOTOPES/ KININS/ MICE/ MOLECULAR  
WEIGHT/ NEPHRITIS, immunology/  
NEUTROPHILS, drug effects/ NEUTROPHILS,  
immunology/ PASSIVE CUTANEOUS  
ANAPHYLAXIS, drug effects/ PROTEIN  
BINDING/ RABBITS/ RATS/ SNAKES/  
VENOMS, analysis/ \*VENOMS,  
pharmacodynamics
1100. Cocks TB, Burgos-Calderon RA, Gonzalez FM: The use of streptokinase infusions for arteriovenous shunt declotting.  
*Trans Amer Soc Artif Intern Organs* 16:292-6, 1970  
ADOLESCENCE/ ADULT/ \*ARTERIOVENOUS  
SHUNT, SURGICAL, adverse effects/  
FEMALE/ \*HEMODIALYSIS/ HUMAN/  
KIDNEY FAILURE, CHRONIC, therapy/  
MALE/ MIDDLE AGE/ \*STREPTOKINASE,  
therapeutic use/ UREMIA, therapy
1101. Cocks JR: Anticoagulants and the acute abdomen.  
*Med J Aust* 1:1138-41, 6 Jun 70  
\*ABDOMEN, ACUTE, chemically induced/  
ABDOMEN, ACUTE, drug therapy/ ABDOMEN,  
ACUTE, radiography/ ABDOMEN, ACUTE,  
surgery/ BARIUM SULFATE, diagnostic use/  
BLOOD PRESSURE/ BLOOD TRANSFUSION/  
CEREBROVASCULAR DISORDERS, drug  
therapy/ DUODENUM, drug effects/ FEMALE/  
HEMATEMESIS, chemically induced/  
HEMATURIA, chemically induced/  
\*HEMOPERITONEUM, chemically induced/  
HEMOPERITONEUM, drug therapy/  
HEMOPERITONEUM, radiography/  
HEMOPERITONEUM, surgery/ HUMAN/  
\*INTESTINAL OBSTRUCTION, chemically  
induced/ INTESTINAL OBSTRUCTION, drug  
therapy/ INTESTINAL OBSTRUCTION,  
radiography/ INTESTINAL OBSTRUCTION,  
surgery/ JEJUNUM, drug effects/  
LAPAROTOMY/ MALE/ MELENA, chemically  
induced/ MIDDLE AGE/ MYOCARDIAL  
INFARCT, drug therapy/ PHYTONADIONE,  
therapeutic use/ PROTHROMBIN TIME/  
\*WARFARIN, adverse effects
1102. Coelingh JP, Rozijn TH, Monfoort CH: Isolation and partial characterization of a basic protein from bovine sperm heads. *Biochim Biophys Acta* 188:353-6, 1969  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/ DNA/  
GEL FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ MALE/ METHODS/  
MOLECULAR WEIGHT/ PROTAMINES,  
analysis/ \*PROTEINS/ PROTEINS, analysis/  
PROTEINS, isolation & purification/  
\*SPERMATOOZOA, analysis/  
ULTRACENTRIFUGATION
1103. Cofano AR: Considerazioni e rilievi di critica sulla terapia delle formazioni angiomatose cutanee.  
*G Ital Derm* 45:144-50, Mar 70 (Ita)  
\*HEMANGIOMA, radiotherapy/  
\*HEMANGIOMA, CAVERNOUS, radiotherapy/  
HUMAN/ \*RADIO THERAPY DOSAGE/ \*SKIN  
NEOPLASMS, radiotherapy
1104. Cohen BL, Harper DL: Infectious mononucleosis with thrombocytopenic purpura: report of a case.  
*J Amer Osteopath Ass* 69:101-3, Sep 69
- CASE REPORT/ CHILD/ HUMAN/  
\*INFECTIOUS MONONUCLEOSIS,  
complications/ INFECTIOUS  
MONONUCLEOSIS, diagnosis/ MALE/  
\*PURPURA, THROMBOPENIC, complications
1105. Cohen GH, Silverton EW, Matthews BW, et al: Structure of gamma-chymotrypsin at 5.5 Å resolution. *J Molec Biol* 44:129-41, 28 Aug 69  
BINDING SITES/ \*CHYMOTRYPSIN/  
CHYMOTRYPSIN, antagonists & inhibitors/  
FLUORIDES/ IODIDES/ MERCURY/  
POTASSIUM IODIDE/ SULFONIC ACIDS/  
TOLUENE/ \*X-RAY DIFFRACTION
1106. Cohen I, Amir J, Ben-Shaul Y, et al: Plasma cell myeloma associated with an unusual myeloma protein causing impairment of fibrin aggregation and platelet function in a patient with multiple malignancy. *Amer J Med* 48:766-76, Jun 70  
ADENOCARCINOMA, complications/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELET  
DISORDERS, etiology/ \*BLOOD PROTEIN  
DISORDERS, complications/ CARCINOMA,  
complications/ CASE REPORT/ COLONIC  
NEOPLASMS, complications/ \*FIBRIN/  
HEMOSTATICS/ HUMAN/  
IMMUNOELECTROPHORESIS/ KIDNEY  
NEOPLASMS, complications/ MALE/ MIDDLE  
AGE/ \*MULTIPLE MYELOMA, complications/  
PAPAIN, diagnostic use/ PLASMAPHERESIS
1107. Cohen I, Bohak Z, De Vries A, et al: Thrombosthenin M. Purification and interaction with thrombin. *Europ J Biochem* 10:388-94, Sep 69  
ADENOSINE TRIPHOSPHATASE, metabolism/  
ALCOHOLS/ AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ BLOOD PLATELETS,  
analysis/ \*BLOOD PROTEINS, isolation &  
purification/ CALCIUM/ CARBOHYDRATES,  
analysis/ ELECTROPHORESIS, DISK/ GEL  
DIFFUSION TESTS/ GEL FILTRATION/  
HORSES/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ MAGNESIUM/  
METHODS/ OSMOLAR CONCENTRATION/  
PRECIPITATION/ PYROPHOSPHATES/  
RIBONUCLEASE/ SULFHYDRYL  
COMPOUNDS, analysis/ \*THROMBIN/  
ULTRACENTRIFUGATION/ VISCOSITY
1108. Cohen JO: Effect of culture medium composition and pH on the production of M protein and proteinase by group A Streptococci. *J Bact* 99:737-44, Sep 69  
\*BACTERIAL PROTEINS, biosynthesis/  
BUFFERS/ \*CULTURE MEDIA/ GLUCOSE,  
metabolism/ \*HYDROGEN-ION  
CONCENTRATION/ \*PEPTIDE  
PEPTIDOHYDROLASES, biosynthesis/  
PEPTONES, metabolism/ \*STREPTOCOCCUS,  
metabolism/ YEASTS, metabolism
1109. Cohen MA, Oberman HA: Safety and long-term effects of plasmapheresis. *Transfusion* 10:58-66, Mar-Apr 70  
ALANINE AMINOTRANSFERASE, blood/  
ANTIBODIES, analysis/ BILIRUBIN, blood/  
BLOOD CELL COUNT/ \*BLOOD DONORS/  
BLOOD GROUPS/ BLOOD PLATELETS/  
BLOOD PROTEIN ELECTROPHORESIS/  
BLOOD PROTEINS, analysis/ CHOLESTEROL,  
blood/ ERYTHROCYTES, immunology/  
GAMMA GLOBULIN, biosynthesis/ GEL  
DIFFUSION TESTS/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ HUMAN/  
IMMUNOELECTROPHORESIS/ IRON, blood/  
LEUKOCYTE COUNT/ LIVER, metabolism/  
LIVER FUNCTION TESTS/  
\*PLASMAPHERESIS/ PLASMAPHERESIS,  
adverse effects/ SYPHILIS SERODIAGNOSIS
1110. Cohen P, Derksen A: Comparison of phospholipid and fatty acid composition of human erythrocytes and platelets. *Brit J Haemat* 17:359-71, Oct 69  
AMINO ALCOHOLS, blood/ ARACHIDONIC  
ACID, blood/ \*BLOOD PLATELETS, analysis/  
CHOLINE, blood/ CHROMATOGRAPHY, THIN  
LAYER/ \*ERYTHROCYTES, analysis/ \*FATTY  
ACIDS, blood/ HUMAN/ INOSITOL, blood/  
LEUKOCYTES, analysis/ MALE/ OLEIC ACID,



# AUTHOR SECTION

- blood/ \*PHOSPHOLIPIDS, blood/  
PLASMALOGENS, blood/ SERINE, blood/  
STEARIC ACID, blood
1111. Cohen P, Derksen A, Van den Bosch H: Pathways of fatty acid metabolism in human platelets. *J Clin Invest* 49:128-39, Jan 70  
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ \*FATTY ACIDS, metabolism/ GLYCERIDES, biosynthesis/ HUMAN/ IN VITRO/ LECITHINS, biosynthesis/ LIPIDS, biosynthesis/ OLEIC ACID, metabolism/ OXIDATION-REDUCTION/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHOLIPIDS, blood/ TIME FACTORS/ TRITIUM
1112. Cohen P, Wittels B: Energy substrate metabolism in fresh and stored human platelets. *J Clin Invest* 49:119-27, Jan 70  
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ \*BLOOD PLATELETS, metabolism/ \*BLOOD PRESERVATION/ CARBON ISOTOPES/ CARNITINE, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, metabolism/ GLUCOSE, metabolism/ HUMAN/ IN VITRO/ KREBS CYCLE/ OLEIC ACID, metabolism/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ PYRUVATES, metabolism/ SUCCINATES, metabolism/ TEMPERATURE/ TIME FACTORS
1113. Cohnen G, Paar D: Quantitative Serumproteinveränderungen nach Einfrieren und Auftauen. *Z Klin Chem* 7:63-5, Jan 69 (Ger)  
ALPHA GLOBULIN, analysis/ BETA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS/ ENGLISH ABSTRACT/ \*FREEZING/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ GLYCOPROTEINS, blood/ HAPTOGLOBINS, analysis/ HUMAN/ MACROGLOBULINS, analysis/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, blood
1114. Cohrs U, Hauswaldt C, Hunstein W: Die medikamentöse Beeinflussung experimenteller Knochenmarksfibrosen nach wiederholter Fremdeiweiss-Applikation durch Antiphlogistica und Prednisolon-Acetat. *Blut* 19:394-404, Oct 69 (Ger)  
ANAPHYLAXIS, mortality/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY WEIGHT/ \*BONE MARROW DISEASES, prevention & control/ BONE MARROW EXAMINATION/ FIBROUS DYSPLASIA OF BONE, chemically induced/ FIBROUS DYSPLASIA OF BONE, pathology/ FIBROUS DYSPLASIA OF BONE, prevention & control/ HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/ LIVER, pathology/ OVALBUMIN/ OXYPHENBUTAZONE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ \*PREDNISOLONE, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ RABBITS/ RETICULOCYTES/ SPLEEN, pathology
1115. Coleman MP, Barnett A: L-dopa reversal of muscular spasm, vomiting and insomnia in a patient with an atypical form of familial dystonia. *Trans Amer Neurol Ass* 94:91-5, 1969  
ADOLESCENCE/ BLOOD PLATELETS, analysis/ CHILD/ DIARRHEA, etiology/ \*DOPA, therapeutic use/ DYSTONIA MUSCULORUM DEFORMANS, complications/ \*DYSTONIA MUSCULORUM DEFORMANS, drug therapy/ ELECTROENCEPHALOGRAPHY/ EPINEPHRINE, urine/ FEMALE/ HUMAN/ INSOMNIA, drug therapy/ INSOMNIA, etiology/ NOREPINEPHRINE, urine/ PHENYLACETATES, urine/ SEROTONIN, analysis/ SLEEP, REM/ SPASM, drug therapy/ VOMITING, drug therapy/ VOMITING, etiology
1116. Coles M: Haemophilia today.
- Nurs Times 65:1415-6, 6 Nov 69  
CHRISTMAS DISEASE/ FEMALE/  
\*HEMOPHILIA, therapy/ HUMAN/ MALE/  
VON WILLEBRAND'S DISEASE
1117. Coletti-Previero MA, Previero A, Zuckerkandl E: Separation of the proteolytic and esterase activities of trypsin by reversible structural modifications. *J Molec Biol* 39:493-501, 14 Feb 69  
ALCOHOL, ETHYL/ AMINO ACID SEQUENCE/ CASEIN/ CATTLE/ DIOXINS/ ESTERASES/ FORMAMIDE/ FORMIC ACIDS/ HYDROGEN-ION CONCENTRATION/ PEPTIDE PEPTIDOHYDROLASES/ SOLVENTS/ SPECTROPHOTOMETRY/ \*TRYPSIN/ TRYPTOPHAN/ ULTRAVIOLET RAYS
1118. Collier HO: A pharmacological analysis of aspirin. *Advances Pharmacol Chemother* 7:333-405, 1969 (412 ref.)  
ANIMAL EXPERIMENTS/ ASPIRIN, metabolism/ \*ASPIRIN, pharmacodynamics/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION, drug effects/ CATS/ DOGS/ FEVER, drug therapy/ GASTRIC MUCOSA, drug effects/ GUINEA PIGS/ HUMAN/ INFLAMMATION, drug therapy/ KIDNEY TUBULES, drug effects/ MICE/ MODELS, BIOLOGIC/ MONKEYS/ MUSCLE, SMOOTH, drug effects/ NEURONS, drug effects/ PAIN, drug therapy/ RABBITS/ RATS/ REVIEW
1119. Collier HO: A pharmacological analysis of aspirin. *Advances Pharmacol Chemother* 7:333-405, 1969 (388 ref.)  
ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD CHEMICAL ANALYSIS/ BRADYKININ/ BRONCHI, drug effects/ CATS/ CHEMISTRY/ CONSTRICTION/ DOGS/ ENZYMES, antagonists & inhibitors/ EPITHELIUM, drug effects/ EXUDATES AND TRANSUDATES, drug effects/ GASTRIC MUCOSA, drug effects/ GUINEA PIGS/ HEMOSTASIS/ HISTAMINE/ INFLAMMATION, drug therapy/ KIDNEY TUBULES, drug effects/ MICE/ MONKEYS/ MUSCLE, SMOOTH, drug effects/ MUSCLES, drug effects/ NEURONS, drug effects/ PAIN, drug therapy/ PEPTIDES/ RABBITS/ RATS/ REVIEW/ SALICYLATES, pharmacodynamics
1120. Collins JA: The causes of progressive pulmonary insufficiency in surgical patients. *J Surg Res* 9:685-704, Dec 69 (203 ref.)  
ANESTHESIA, GENERAL, adverse effects/ ASPIRATION/ BLOOD COAGULATION/ BLOOD TRANSFUSION, adverse effects/ EMBOLISM, FAT, complications/ FATTY ACIDS, adverse effects/ HUMAN/ HYPERBARIC OXYGENATION, adverse effects/ LIPIDS, metabolism/ NARCOTICS, adverse effects/ OXYGEN, adverse effects/ OXYGEN INHALATION THERAPY, adverse effects/ PERITONITIS, complications/ \*POSTOPERATIVE COMPLICATIONS, etiology/ POSTURE/ \*RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY TRACT INFECTIONS, complications/ REVIEW/ SEPTICEMIA, complications/ SHOCK, SURGICAL, complications/ THROMBOEMBOLISM, complications
1121. Collins Z, Shepherd LP, Tarris R, et al: Separation and prolongation of viability of human lymphocytes in tissue typing. Evaluation of a technic. *Transfusion* 10:21-5, Jan-Feb 70  
\*BLOOD PRESERVATION/ BLOOD PRESERVATION, instrumentation/ BLOOD SEDIMENTATION/ CHICKENS/ CULTURE MEDIA/ ERYTHROCYTES, immunology/ FILTRATION/ HEMAGGLUTINATION/ HISTOCOMPATIBILITY TESTING/ IMMUNE SERUMS/ \*LYMPHOCYTES/ LYMPHOCYTES, growth & development/ LYMPHOCYTES, physiology/ PLANT EXTRACTS/ TRYPAN BLUE



## AUTHOR SECTION

1122. Colman RF, Chu R: The role of sulphhydryl groups in the catalytic function of isocitrate dehydrogenase. 3. Effect of N-ethylmaleimide on chemical and physical properties. *J Biol Chem* 245:608-15, 10 Feb 70  
AMINO ACIDS/ ANIMAL EXPERIMENTS/ ANTIGENS/ BENZOATES/ BINDING SITES/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ \*CYSTEINE/ \*ETHYLMALIMIDE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IMMUNE SERUMS/ \*ISOCITRATE DEHYDROGENASE/ KINETICS/ MANGANESE/ METHIONINE/ MYOCARDIUM, enzymology/ NADP/ OPTICAL ROTATORY DISPERSION/ PEPTIDE HYDROLASES/ PROTEIN DENATURATION/ RABBITS/ SUCCINATES/ SULFHYDRYL COMPOUNDS/ SULFIDES/ SWINE/ TIME FACTORS
1123. Colman RW, Busch GJ: Coagulation and Schwartzman reaction. *New Eng J Med* 281:1368, 11 Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ HUMAN/ \*SHWARTZMAN PHENOMENON, blood
1124. Colman RW, Mason JW, Sherry S: The kallikreinogen-kallikrein enzyme system of human plasma. Assay of components and observations in disease states. *Ann Intern Med* 71:763-73, Oct 69  
ADULT/ ANGIONEUROTIC EDEMA, enzymology/ ARGININE/ ENZYME ACTIVATION/ ENZYME PRECURSORS, blood/ ESTERASES, blood/ ESTROGENS, pharmacodynamics/ FACTOR XII, metabolism/ FEMALE/ HUMAN/ HYPERSENSITIVITY, enzymology/ KALLIKREIN, antagonists & inhibitors/ \*KALLIKREIN, blood/ KAOLIN, pharmacodynamics/ KININS, metabolism/ LIVER DISEASES, enzymology/ MALE/ MALIGNANT CARCINOID SYNDROME, enzymology/ MIDDLE AGE/ PANCREATITIS, enzymology/ SHOCK, ENDOTOXIC, enzymology
1125. Colman RW, Rodríguez-Erdmann F: Terminology of intravascular coagulation. *New Eng J Med* 282:99, 8 Jan 70  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS/ DOGS/ HUMAN/ \*NOMENCLATURE/ RABBITS
1126. Colomb D, Rivoire J, Michel YA: Important hématoéma à l'intérieur d'un histiocytome posant des problèmes diagnostiques avec un mélanome. *Lyon Med* 223:340, 1 Feb 70 (Fre)  
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, complications/ \*HEMATOMA, diagnosis/ HISTIOCYTOMA, complications/ \*HISTIOCYTOMA, diagnosis/ HUMAN/ MALE/ \*MELANOMA, diagnosis/ \*NECK NEOPLASMS, diagnosis
1127. Colomb D, Rivoire J, Michel YA: Important hématoéma à l'intérieur d'un histiocytome posant des problèmes diagnostiques avec un mélanome. *Bull Soc Franc Derm Syph* 76:891-2, 1969 (Fre)  
AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ \*HEMATOMA, etiology/ \*HISTIOCYTOMA, complications/ \*HISTIOCYTOMA, diagnosis/ HUMAN/ \*MELANOMA, diagnosis/ \*SKIN NEOPLASMS, diagnosis
1128. Colombani J, Colombani M, Viza DC, et al: Separation of HL-A transplantation antigen specificities. *Transplantation* 9:228-39, Mar 70  
ANIMAL EXPERIMENTS/ \*ANTIGENS, isolation & purification/ BLOOD PLATELETS, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ \*LEUKOCYTES, immunology/ LYMPHOID TISSUE, immunology/ MICE/ SPLEEN, immunology/ SUSPENSIONS/ TISSUE CULTURE/ TISSUE EXTRACTS/ \*TRANSPLANTATION IMMUNOLOGY
1129. Colombani J, Colombani M, Elias A, et al: Allo-immunisation foeto-maternelle anti-leuco-plaquettaire. *Rev Franc Transfus* 12:Suppl:245-55, 1969 (Fre)  
ANTI-ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTIGENS/ BINDING SITES/ \*BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ FEMALE/ FETOMATERNAL TRANSFUSION/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS, analysis/ IMMUNIZATION/ IMMUNOCHEMISTRY/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, immunology/ \*LEUKOCYTES, immunology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, immunology/ SERODIAGNOSIS/ THROMBOPENIA, diagnosis/ THROMBOPENIA, immunology
1130. Colombani M, Colombani J, Legrand L, et al: Definition of a new HL-A antigen: Da18. *Vox Sang* 18:193-203, Mar 70  
ALLELES/ BINDING SITES/ BLOOD PLATELETS, immunology/ CAUCASIAN RACE/ COMPLEMENT FIXATION TESTS/ FEMALE/ GENE FREQUENCY/ GENOTYPE/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNE SERUMS/ \*ISOANTIGENS/ MALE
1131. Colombi A: Early diagnosis of fatal hepatitis. *Digestion* 3:129-45, 1970  
ACUTE DISEASE/ ALANINE AMINOTRANSFERASE, blood/ AMMONIA, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AUTOPSY/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION TESTS/ GLUCOSE, blood/ \*HEPATIC COMA, diagnosis/ \*HEPATITIS, diagnosis/ HUMAN/ LACTATES, blood/ LIVER FUNCTION TESTS/ POTASSIUM, blood/ POTASSIUM, urine/ PROTHROMBIN TIME/ SODIUM, blood/ SODIUM, urine
1132. Colombo I: Erfahrungen mit Thrombotison-Salbe bei Phlebitiden, Weichteilentzündungen und Ulcera cruris. *Munchen Med Wschr* 112:70-4, 9 Jan 70 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ \*ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, TOPICAL, therapeutic use/ INFLAMMATION, drug therapy/ OCCLUSIVE DRESSINGS/ OINTMENTS/ \*THROMBOPHLEBITIS, drug therapy/ TYROTHRICIN, therapeutic use/ \*VARICOSE ULCER, drug therapy
1133. Comben N: Understanding feed additives. I. General considerations and nutritional additives. *Vet Rec* 86:715-8, 13 Jun 70  
\*ANIMAL FEED/ ANIMAL NUTRITION/ ANTIBIOTICS, administration & dosage/ \*FOOD ADDITIVES/ POULTRY/ SULFONAMIDES, pharmacodynamics/ SWINE/ THIAMINE, antagonists & inhibitors/ VITAMIN K, antagonists & inhibitors
1134. Combourieu M, Attal C, Mozziconacci P: Hématurie récidivante familiale bénigne. *Ann Pediat (Paris)* 17:227-31, 2 Mar 70 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ ALPORT'S SYNDROME, complications/ BIOPSY/ BLOOD COAGULATION TESTS/ CHILD/ CHRONIC DISEASE/ DEAFNESS, complications/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ FEMALE/ GLOMERULONEPHRITIS, complications/ HEMATURIA, complications/ HEMATURIA, diagnosis/ HEMATURIA, etiology/ \*HEMATURIA, familial & genetic/ HUMAN/ KIDNEY GLOMERULUS, pathology/ MALE/ MIDDLE AGE/ NEPHRITIS, INTERSTITIAL/ STREPTOCOCCAL INFECTIONS, complications/ UROLOGIC DISEASES, diagnosis
1135. Combre A, Beytout D, Mouchet J, et al: Etude des variations de quelques activités enzymatiques digestives (caséinolytique et chymotrypsique) au cours du développement des larves d'*Aedes aegypti*. *J Physiol (Paris)* 2:Suppl 2:251, 1969 (Fre)



## AUTHOR SECTION

- \*AEDES, enzymology/ CHYMOTRYPSIN, metabolism/ DIGESTION/ LARVA/ PEPTIDE PEPTIDOHYDROLASES, metabolism
1136. Comby F, Gauthier R, Nazimoff O: Nouvelle contribution a l'étude des leptospiroses a la Réunion. II. Anatomopathologie et histopathologie de dix cas mortels. Bull Soc Path Exot 62:92-101, Jan-Feb 69 (Fre) ADULT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD VESSELS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ INDIAN OCEAN ISLANDS/ KIDNEY, pathology/ \*LEPTOSPIROSIS, occurrence/ \*LEPTOSPIROSIS, pathology/ LIVER, pathology/ MALE/ MIDDLE AGE
1137. Comings DE, Okada TA: Whole mount electron microscopy of meiotic chromosomes and the synaptonemal complex. Chromosoma 30:269-86, 1970 ANIMAL EXPERIMENTS/ BIRDS/ \*CHROMOSOMES/ CHROMOSOMES, drug effects/ CROSSING OVER (GENETICS)/ CRUSTACEA/ DEOXYRIBONUCLEASE, pharmacodynamics/ FROGS/ HYDROCHLORIC ACID, pharmacodynamics/ \*MEIOSIS/ METHODS/ MICE/ \*MICROSCOPY, ELECTRON/ PROTEINS, metabolism/ RIBONUCLEASE, pharmacodynamics/ SEX CHROMATIN/ TESTIS, cytology/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics
1138. Comninou AC, Zourlas PA: Treatment of uterine adhesions (Asherman's syndrome). Amer J Obstet Gynec 105:862-8, 15 Nov 69 \*ADHESIONS, surgery/ CATHETERIZATION/ CONTRAST MEDIA, therapeutic use/ \*CURETTAGE/ DILATATION/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ PREGNANCY/ PROGESTATIONAL HORMONES, therapeutic use/ PSEUDOPREGNANCY/ UTERINE DISEASES, radiography/ \*UTERINE DISEASES, surgery
1139. Comstock JP, Udenfriend S: Effect of lactate on collagen proline hydroxylase activity in cultured L-929 fibroblasts. Proc Nat Acad Sci USA 66:552-7, Jun 70 CARBON ISOTOPES/ CELL LINE/ COLLAGEN, metabolism/ CYCLOHEXIMIDE, pharmacodynamics/ \*FIBROBLASTS, drug effects/ HYDROXYPROLINE, metabolism/ LACTATES, analysis/ \*LACTATES, pharmacodynamics/ MICE/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROLINE, metabolism/ \*TISSUE CULTURE/ TRITIUM
1140. Connellan JM, Shaw DC: The inactivation of Bacillus subtilis alpha-amylase by N-acetylimidazole and tetranitromethane. J Biol Chem 245:2845-51, 10 Jun 70 \*AMYLASE, antagonists & inhibitors/ \*BACILLUS SUBTILIS, enzymology/ CHEMISTRY/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ \*IMIDAZOLES/ MALEATES/ \*METHANE/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ TRYPSIN/ \*TYROSINE
1141. Conney AH: Microsomal enzyme induction by drugs. Pharmacol Physicians 3:1-5, Dec 69 ANTICONVULSANTS, pharmacodynamics/ BARBITURATES, pharmacodynamics/ BILIRUBIN, metabolism/ BISHYDROXYCOUMARIN, metabolism/ CARCINOGENS, metabolism/ \*DRUGS, metabolism/ \*ENZYME INDUCTION, drug effects/ FEMALE/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ INFANT, NEWBORN/ \*MICROSOMES, LIVER, enzymology/ PHENOBARBITAL, pharmacodynamics/ PREGNANCY/ PROTHROMBIN TIME/ STEROIDS, metabolism
1142. Constant J: Digitalis in myocardial infarction. Changing concepts. New York J Med 70:650-8, 1 Mar 70 (64 ref.) ANIMAL EXPERIMENTS/ ANOXIA, chemically induced/ BLOOD COAGULATION, drug effects/ CARDIAC GLYCOSIDES, therapeutic use/ COMPARATIVE STUDY/ CORONARY VESSELS, drug effects/ DEPRESSION, CHEMICAL/ DIGITALIS GLYCOSIDES, administration & dosage/ DIGITALIS GLYCOSIDES, adverse effects/ DIGITALIS GLYCOSIDES, pharmacodynamics/ \*DIGITALIS GLYCOSIDES, therapeutic use/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, drug therapy/ QUINIDINE, therapeutic use/ REGIONAL BLOOD FLOW, drug effects/ REVIEW/ SHOCK, etiology
1143. Constantini R, Spötti F, Holzknacht F, et al: On the role of the stable plasminogen activator of the venous wall in occlusion induced fibrinolytic state. Thromb Diath Haemorrh 22:544-51, 31 Dec 69 ADULT/ ENZYME ACTIVATION/ \*FIBRINOLYSIS/ \*HEMOSTASIS/ HUMAN/ MIDDLE AGE/ \*PLASMINOGEN/ THROMBIN/ \*VEINS, enzymology
1144. Constantopoulos G, Dekaban AS, Carroll WR: Determination of molecular weight distribution of acid mucopolysaccharides by sephadex gel filtration. Anal Biochem 31:59-70, 1 Oct 69 CHONDROITIN, analysis/ DIFFUSION/ \*GEL FILTRATION/ HEPARIN, analysis/ HUMAN/ LIPOCHONDRODYSTROPHY, urine/ METHODS/ MOLECULAR WEIGHT/ \*MUCOPOLYSACCHARIDES, analysis/ SULFURIC ACIDS, analysis/ ULTRACENTRIFUGATION
1145. Constantoulakis M, Phocas E, Theodoropoulos G: Atypical leukaemia of long duration with monoclonal hypergammaglobulinaemia. J Clin Path 23:156-60, Mar 70 BLOOD PLATELETS/ \*BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN ELECTROPHORESIS/ BONE MARROW EXAMINATION/ CHRONIC DISEASE/ GAMMA GLOBULIN, analysis/ \*GAMMA GLOBULIN, 7S, analysis/ HUMAN/ HYPERGAMMAGLOBULINEMIA, complications/ HYPERGAMMAGLOBULINEMIA, drug therapy/ IMMUNOELECTROPHORESIS/ \*LEUKEMIA, complications/ LEUKOCYTE COUNT/ MALE/ MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE/ PREDNISOLONE, therapeutic use
1146. Conway JJ, Sherman JO: Evaluation of chest masses in children with early and delayed radionuclide angiography. Amer J Roentgen 108:575-81, Mar 70 \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ CHILD, PRESCHOOL/ FEMALE/ \*HEMANGIOMA, diagnosis/ HUMAN/ INFANT, INFANT, NEWBORN/ INJECTIONS, INTRAVENOUS/ MALE/ \*MEDIASTINAL CYST, diagnosis/ \*MEDIASTINAL DISEASES, diagnosis/ \*MEDIASTINAL NEOPLASMS, diagnosis/ METHODS/ \*RADIOISOTOPE SCANNING/ \*TECHNETIUM, administration & dosage/ TIME FACTORS
1147. Conway MM, Layzer RB: Blood cell phosphofructokinase in Down's syndrome. Humangenetik 9:185-90, 1970 BLOOD PLATELETS, enzymology/ CHROMOSOMES, HUMAN, 21-22/ ERYTHROCYTES, enzymology/ FEMALE/ HUMAN/ KARYOTYPING/ LEUKOCYTES, enzymology/ MALE/ \*MONGOLISM, enzymology/ PHOSPHOFRUCTOKINASE, analysis/ \*PHOSPHOFRUCTOKINASE, blood/ PRECIPITATION/ SPECTROPHOTOMETRY
1148. Coon WW, Willis PW 3d, Symons MJ: Assessment of anticoagulant treatment of venous thromboembolism. Ann Surg 170:559-68, Oct 69 \*ANTICOAGULANTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, complications/ \*PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ THROMBOPHLEBITIS, complications/ \*THROMBOPHLEBITIS, drug



## AUTHOR SECTION

- therapy/ THROMBOPHLEBITIS, mortality/  
TIME FACTORS
1149. Coon WW, Willis PW 3d: Some aspects of the pharmacology of oral anticoagulants. Clin Pharmacol Ther 11:312-36, May-Jun 70 (192 ref.)  
ACENOCOUMAROL/ ADMINISTRATION, ORAL/ AGE FACTORS/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, antagonists & inhibitors/ ANTICOAGULANTS, metabolism/ ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ BISHYDROXYCOUMARIN/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ DIPHENADIONE/ DOGS/ DRUG SYNERGISM/ ETHYL BISCOUMACETATE/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ HUMAN/ PHENINDIONE/ PROTHROMBIN TIME/ RABBITS/ RATS/ REVIEW/ SEX FACTORS/ SPECIES SPECIFICITY/ TIME FACTORS/ WARFARIN
1150. Cooper BA: Complexing of transcobalamin 2 and apparent combination with heparin. Blood 35:829-37, Jun 70  
BLOOD COAGULATION/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COBALT ISOTOPES/ DEXTRAN/ EDTA/ EUGLENA/ \*HEPARIN, pharmacodynamics/ HUMAN/ \*PROTEIN BINDING, drug effects/ \*VITAMIN B 12/ VITAMIN B 12, analysis
1151. Cooper GW, Cooper B, Chang CY: Demonstration of a circulating factor regulating blood platelet production using 35S-sulfate in rats and mice. Proc Soc Exp Biol Med 134:1123-7, Sep 70  
ANIMAL EXPERIMENTS/ ANTIBODIES/ \*BLOOD PLATELETS/ BLOOD PROTEINS, isolation & purification/ BLOOD SEDIMENTATION/ BLOOD VOLUME DETERMINATION/ CLOSTRIDIUM PERFRINGENS/ \*HEMATOPOIESIS/ IMMUNE SERUMS/ MALE/ NEURAMINIDASE/ RATS/ \*SULFUR ISOTOPES/ THROMBOPENIA, chemically induced/ THROMBOPOIETIN, analysis
1152. Cooper IA, Firkin BG: Amino acid transport into human platelets and subsequent incorporation into protein. Thromb Diath Haemorrh 23:140-7, 28 Feb 70  
\*AMINO ACIDS, blood/ BIOLOGICAL TRANSPORT/ \*BLOOD PLATELETS, metabolism/ \*BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ CELL MEMBRANE/ CYSTEINE, blood/ FIBRIN/ FIBRINOGEN, biosynthesis/ GLUTAMATES, blood/ HUMAN/ LEUCINE, blood/ LYSINE, blood/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PROLINE, blood/ PUROMYCIN/ SERINE, blood/ THROMBIN/ VALINE, blood
1153. Cooper JH, Haq BM, Bagnell H: Intrafollicular hyalinoses and arterial hyalinoses of the spleen: histochemical and immunofluorescence studies. J Path 98:193-9, Jul 69  
ADULT/ \*ARTERIES, pathology/ CHILD/ COLLAGEN, analysis/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HISTOCYTOCHEMISTRY/ HUMAN/ \*HYALIN SUBSTANCE, analysis/ HYALIN SUBSTANCE, immunology/ SPLEEN, blood supply/ SPLEEN, pathology/ \*SPLENIC DISEASES, pathology
1154. Cooper PD, Summers DF, Malzel JV: Evidence for ambiguity in the posttranslational cleavage of poliovirus proteins. Virology 41:408-18, Jul 70  
ACRYLATES/ AMINO ACIDS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ CYTOPLASM/ DACTINOMYCIN/ ELECTROPHORESIS/ GELS/ \*GENETICS, BIOCHEMICAL/ \*GENETICS, MICROBIAL/ GUANIDINES/ HELA CELLS/ HORSES/ IMMUNE SERUMS/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDES, analysis/ \*POLIOVIRUS/ POLIOVIRUS, analysis/ POLIOVIRUS, growth & development/ POLIOVIRUS, pathogenicity/ TEMPERATURE/ TISSUE CULTURE/ TRITIUM/ TRYPSIN, metabolism/ \*VIRAL PROTEINS/ VIRAL PROTEINS, analysis/ VIRUS CULTIVATION
1155. Cooper RA: Lipids of human red cell membrane: normal composition and variability in disease. Seminars Hemat 7:296-322, Jul 70 (202 ref.)  
ABETALIPOPROTEINEMIA, blood/ ANEMIA, HEMOLYTIC, blood/ AVITAMINOSIS, blood/ BLOOD PRESERVATION/ \*CELL MEMBRANE/ CELL MEMBRANE, metabolism/ CHOLESTEROL, blood/ DIETARY FATS/ ERYTHROCYTE AGING/ \*ERYTHROCYTES, analysis/ FATTY ACIDS, blood/ GLYCOLIPIDS, blood/ HUMAN/ HYPERLIPIDEMIA, ESSENTIAL FAMILIAL, blood/ LIPID METABOLISM, INBORN ERRORS, blood/ \*LIPIDS, blood/ LIPIDS, metabolism/ LIVER DISEASES, blood/ PHOSPHOLIPIDS, blood/ REVIEW/ SPHEROCYTOSIS, HEREDITARY, metabolism
1156. Cooper RG, Cornell CN, Muhrer ME, et al: Platelet adhesion in bleeder swine measured by glass bead column. Texas Rep Biol Med 27:955-61, Winter 69  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS, veterinary/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, veterinary/ \*BLOOD PLATELETS/ FACTOR VIII/ PLATELET ADHESIVENESS/ SWINE/ \*SWINE DISEASES, blood/ VON WILLEBRAND'S DISEASE, veterinary
1157. Coopland AT: Fibrinolysis and toxemia of pregnancy. Brit Med J 4:688-9, 13 Dec 69  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, physiopathology
1158. Coopland AT, Livingstone RA: Heparin treatment in abruptio placentae. Canad Med Ass J 103:377-9, 15 Aug 70  
\*ABRUPTIO PLACENTAE, drug therapy/ ABRUPTIO PLACENTAE, etiology/ ABRUPTIO PLACENTAE, surgery/ ADULT/ ANURIA, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CESAREAN SECTION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ \*HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, drug therapy/ MEPERIDINE, therapeutic use/ PHENOXYBENZAMINE, therapeutic use/ PREGNANCY/ PREGNANCY TOXEMIAS, complications
1159. Copeland ES: Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. I. Heating by immersion in warm water. Acta Radiol [Ther] (Stockholm) 9:205-24, Jun 70  
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BINDING SITES/ \*CARCINOMA 256, WALKER, radiotherapy/ FEMALE/ FIBRINOGEN, metabolism/ \*FIBRINOGEN, therapeutic use/ \*HEAT/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ KINETICS/ RADIOAUTOGRAPHY/ RATS/ SERUM ALBUMIN, RADIO-IODINATED/ TIME FACTORS
1160. Copeland ES, Michaelson SM: Effect of selective tumor heating on the localization of 131-I fibrinogen in the Walker carcinoma 256. II. Heating with microwaves. Acta Radiol [Ther] (Stockholm) 9:323-36, Aug 70  
ANIMAL EXPERIMENTS/ \*CARCINOMA 256, WALKER, radiotherapy/ \*FIBRINOGEN, metabolism/ HEAT, therapeutic use/ INJECTIONS, INTRAVENOUS/ \*IODINE ISOTOPES, therapeutic use/ METHODS/



## AUTHOR SECTION

- MICROWAVES, instrumentation/  
\*MICROWAVES, therapeutic use/ \*RADIATION  
EFFECTS/ RADIOAUTOGRAPHY/  
RADIOMETRY/ RATS
1161. Copeland ES, Sanner T, Pihl A: Transfer of radiation energy between macromolecules at 77 degrees K. *Int J Radiat Biol* 18:85-9, 1970  
DEXTRAN/ ELECTRON SPIN RESONANCE/  
\*ENERGY TRANSFER/ FREEZE DRYING/  
\*HEAT/ \*MACROMOLECULAR SYSTEMS,  
radiation effects/ \*RADIATION EFFECTS/  
TRYPSIN
1162. Copeman PW: Factors causing small vessel block. *Biorheology* 6:257, Jan 70  
BLOOD PROTEINS, analysis/ \*BLOOD  
VISCOSITY/ CELL AGGREGATION/ COLD/  
\*SKIN, blood supply
1163. Copley AL: Some problems in hemorheology. *Biorheology* 6:247-8, Jan 70  
\*BLOOD/ BLOOD VISCOSITY/ CELL  
AGGREGATION/ ENZYMES, blood/ FIBRIN/  
GELS/ \*RHEOLOGY
1164. Copley AL, King RG: Rheogoniometric viscosity measurements of whole human blood at minimal shear rates down to 0.0009 sec-1. *Experientia* 26:904-5, 15 Aug 70  
ADULT/ BIOPHYSICS/ BLOOD FLOW  
VELOCITY/ \*BLOOD VISCOSITY/ FEMALE/  
HUMAN/ MALE/ RHEOLOGY
1165. Copley AL, Scheinthal BM: Nature of the endoendothelial layer as demonstrated by ruthenium red. *Exp Cell Res* 59:491-2, Mar 70  
ANIMAL EXPERIMENTS/ \*BASEMENT  
MEMBRANE, analysis/ \*CAPILLARIES,  
cytology/ CATTLE/ \*FIBRIN/ \*FIBRINOGEN/  
HISTOCYTOCHEMISTRY/ \*RUTHENIUM/  
STAINS AND STAINING
1166. Coppi G, Bonardi G: Quantification of the fibrinolytic activity in vitro. *Arzneimittelforschung* 19:1762-3, Oct 69  
ANIMAL EXPERIMENTS/ \*BLOOD PROTEINS,  
analysis/ DOGS/ FIBRINOLYTIC AGENTS,  
administration & dosage/ \*FIBRINOLYTIC  
AGENTS, pharmacodynamics/ IN VITRO/  
METHODS/ \*PLASMA, analysis/ SERUM  
ALBUMIN, analysis/ SODIUM,  
pharmacodynamics
1167. Coran AG, Crocker DW, Wilson RE: A twenty-five year experience with soft tissue sarcomas. *Amer J Surg* 119:288-93, Mar 70  
ADULT/ AGED/ FEMALE/ FIBROSARCOMA,  
surgery/ HEMANGIOEPERICYTOMA, surgery/  
HUMAN/ LEIOMYOSARCOMA, surgery/  
MALE/ MIDDLE AGE/ ORGAN SPECIFICITY/  
RHABDOMYOSARCOMA, surgery/ SARCOMA,  
classification/ SARCOMA, mortality/  
SARCOMA, pathology/ \*SARCOMA, surgery/  
SARCOMA, KAPOSI'S, surgery/ SARCOMA,  
OSTEOGENIC, surgery/ SYNOVIOMA, surgery
1168. Coran AG, Nesbakken R: The metabolism of intravenously administered fat in adult and newborn dogs. *Surgery* 66:922-8, Nov 69  
ANIMAL EXPERIMENTS/ ANIMALS,  
NEWBORN/ CATHETERIZATION/ DOGS/  
EMULSIONS/ FATS, administration & dosage/  
\*FATS, metabolism/ FATTY ACIDS,  
NONESTERIFIED, blood/ FEMORAL ARTERY/  
HEPARIN, administration & dosage/  
INJECTIONS, INTRAVENOUS/ PLASMA/  
TRIGLYCERIDES, blood
1169. Corby DG, Oquendo-Cabrera A, Louro JM: Thrombocytopenia in a patient with a relatively small facial hemangioma. Successful management with irradiation after failure of prednisone therapy. *Clin Pediat (Phila)* 8:728-31, Dec 69  
CASE REPORT/ \*FACIAL NEOPLASMS,  
complications/ FACIAL NEOPLASMS,  
radiotherapy/ FEMALE/ \*HEMANGIOMA,  
complications/ HEMANGIOMA, radiotherapy/  
HUMAN/ INFANT/ PREDNISONE, therapeutic  
use/ RADIUM, therapeutic use/  
\*THROMBOPENIA, complications/  
\*THROMBOPENIA, drug therapy
1170. Cordonnier D, Kolodie L, Hollar D, et al: Altération de l'activité plaquettaire du sérum chez les urémiques chroniques. *J Urol Nephrol (Paris)* 75:289-301, Apr-May 69 (Fre)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
PLATELET DISORDERS/ BLOOD PLATELETS,  
metabolism/ BLOOD TRANSFUSION/  
FEMALE/ HEMORRHAGE, etiology/ HUMAN/  
\*KIDNEY FAILURE, CHRONIC, blood/  
KIDNEY FUNCTION TESTS/ MALE/  
MEGAKARYOCYTES, physiopathology/  
MIDDLE AGE/ PROGNOSIS/ \*PROTHROMBIN,  
metabolism/ THROMBOPLASTIN, biosynthesis/  
UREA, adverse effects/ \*UREMIA, blood
1171. Corfield MC, Fletcher JC: Amino acid sequences of peptides from a chymotryptic digest of a urea-soluble protein fraction (U.S.3) from oxidized wool. *Biochem J* 115:323-34, Nov 69  
\*AMINO ACID SEQUENCE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/  
\*CHYMOTRYPSIN, metabolism/  
ELECTROPHORESIS/  
OXIDATION-REDUCTION/ \*PEPTIDES,  
analysis/ SOLUBILITY/ TRYPSIN/ UREA/  
\*WOOL, analysis
1172. Cormier JM, Devin R: Traitement des oblitérations artérielles aiguës des membres. *J Chir (Paris)* 98:101-28, Jul-Aug 69 (Fre)  
ACUTE DISEASE/ AGE FACTORS/  
AMPUTATION/ ANEURYSM, complications/  
ANGIOGRAPHY/ \*ARM, blood supply/  
DEXTRAN, administration & dosage/  
EMBOLISM, diagnosis/ EMBOLISM, etiology/  
FEMALE/ FEMORAL ARTERY/  
FIBRINOLYTIC AGENTS, administration &  
dosage/ HEPARIN, administration & dosage/  
HUMAN/ ILIAC ARTERY/ ISCHEMIA/ \*LEG,  
blood supply/ MALE/ POPLITEAL ARTERY/  
PROGNOSIS/ STREPTOKINASE, therapeutic  
use/ \*THROMBOEMBOLISM, surgery/  
THROMBOSIS, diagnosis/ \*THROMBOSIS, drug  
therapy/ THROMBOSIS, etiology/  
VASODILATOR AGENTS, administration &  
dosage
1173. Cormier JM, Le Guillou M: Anévrysmes infectieux primaires des membres. Trois cas. *Presse Med* 77:1415-7, 4 Oct 69 (Fre)  
AGED/ ANEURYSM, complications/  
\*ANEURYSM, MYCOTIC/ ANEURYSM,  
MYCOTIC, etiology/ ANEURYSM, MYCOTIC,  
surgery/ ARTERIOSCLEROSIS, complications/  
ARTERIOVENOUS FISTULA/ ENGLISH  
ABSTRACT/ FEMALE/ FEMORAL ARTERY/  
HEMATOMA/ HUMAN/ ILIAC ARTERY/  
KLEBSIELLA INFECTIONS, complications/  
\*LEG, blood supply/ MALE/ POPLITEAL  
ARTERY/ PROGNOSIS/ SALMONELLA  
INFECTIONS, complications/ SEPTICEMIA,  
complications/ STREPTOCOCCAL  
INFECTIONS, complications
1174. Corneli O, Galeano J, Zogbi J, et al: Hematoma disecante perivesical Rara complicación de una operación de prolapso genital. *Prensa Med Argent* 56:988-9, 25 Jul 69 (Spa)  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMATOMA, etiology/ HUMAN/  
HYDRONEPHROSIS, complications/ MIDDLE  
AGE/ PERINEUM, surgery/ \*POSTOPERATIVE  
COMPLICATIONS/ \*UTERINE PROLAPSE,  
surgery
1175. Cornell SH: Angiographic demonstration of acute renal hemorrhage. *Amer J Roentgen* 109:549-52, Jul 70  
ADULT/ ARTERIOVENOUS FISTULA/  
BIOPSY, adverse effects/ HEMATOMA,  
etiology/ \*HEMATOMA, radiography/  
HEMATURIA, etiology/ \*HEMATURIA,  
radiography/ HUMAN/ \*KIDNEY DISEASES,  
radiography/ MALE/ METHODS/  
NEPHRECTOMY/ POSTOPERATIVE  
COMPLICATIONS/ \*RENAL ARTERY,  
radiography



# AUTHOR SECTION

1176. Corney PL, Heath DF: A simple way of estimating turnover rates from specific activity-time curves. *J Appl Physiol* 28:672-4, May 70  
BLOOD SUGAR, metabolism/ \*DRUGS, blood/ \*DRUGS, metabolism/ FIBRINOGEN, metabolism/ IODINE ISOTOPES/ \*METABOLIC CLEARANCE RATE/ METHODS/ SERUM ALBUMIN, metabolism/ TIME FACTORS
1177. Cornu P: Surveillance de la coagulation dans la prévention et le traitement médical des embolies pulmonaires. *Rev Tuberc (Paris)* 33:659-66, Jul-Aug 69 (Fre)  
BLOOD COAGULATION TESTS/ \*HEPARIN, therapeutic use/ HUMAN/ \*PHENINDIONE, therapeutic use/ \*PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, prevention & control
1178. Coronel: Extractions dentaires et anticoagulants. *Inform Dent* 52:3099-100, 16 Jul 70 (Fre)  
\*ANTICOAGULANTS/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ \*TOOTH EXTRACTION
1179. Corran PH, Waley SG: N-terminal sequences of alpha-crystallin. *Biochem J* 115:789-96, Dec 69  
\*AMINO ACID SEQUENCE/ CATTLE/ CHROMATOGRAPHY/ \*CRYSTALLINS, analysis/ ELECTROPHORESIS/ METHIONINE, analysis/ PEPTIDES, analysis/ TRYPSIN
1180. Corrigan JJ Jr: Disseminated intravascular coagulation (DIC). Diagnostic and therapeutic aspects. *Med Times* 97:217-23, Nov 69  
\*AFIBRINOGENEMIA, diagnosis/ \*AFIBRINOGENEMIA, therapy/ HUMAN
1181. Corrigan JJ Jr, Jordan CM: Heparin therapy in septicemia with disseminated intravascular coagulation. *New Eng J Med* 283:778-82, 8 Oct 70  
AEROBACTER, isolation & purification/ AFIBRINOGENEMIA, complications/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ FIBRINOGEN, analysis/ HAEMOPHILUS INFLUENZAE, isolation & purification/ HEMORRHAGE, complications/ \*HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, complications/ INFANT/ INFANT, NEWBORN/ LEPTOSPIRA, isolation & purification/ MALE/ NEISSERIA MENINGITIDIS, isolation & purification/ PROGNOSIS/ PROTHROMBIN TIME/ PSEUDOMONAS, isolation & purification/ \*SEPTICEMIA, complications/ SEPTICEMIA, microbiology/ SEPTICEMIA, mortality/ SHOCK, TOXIC, complications/ \*SHOCK, TOXIC, mortality/ STAPHYLOCOCCUS, isolation & purification/ STREPTOCOCCUS, isolation & purification
1182. Corrigan JJ Jr, Patterson JH, May NE: Incoagulability of the blood in systemic lupus erythematosus. A case due to hypoprothrombinemia and a circulating anticoagulant. *Amer J Dis Child* 119:365-9, Apr 70  
\*ANTICOAGULANTS/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ CHILD/ FEMALE/ HEMATURIA, drug therapy/ HUMAN/ \*HYPOPROTHROMBINEMIAS, complications/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ PREDNISONE, therapeutic use/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ THROMBOPLASTIN/ VITAMIN K, therapeutic use
1183. Coscas G, Samama M, Conard J, et al: Un nouveau cas d'oblitération artérielle rétinienne repermeabilisée par la streptokinase. *Bull Soc Ophtal Franc* 70:59-62, Jan 70 (Fre)  
ADOLESCENCE/ ANGIOGRAPHY/ \*ARTERIOSCLEROSIS OBLITERANS, drug therapy/ CASE REPORT/ FEMALE/ HUMAN/ \*RETINAL VESSELS/ STREPTOKINASE, therapeutic use
1184. Cosma A, Ionescu V: Aspects du traitement non-spécifique chez les hémophiles. *Bibl Haemat* 34:177-81, 1970 (Fre)  
ABSENTEEISM/ ADOLESCENCE/ ADULT/ BANDAGES/ EXERCISE THERAPY/ \*HEMOPHILIA, complications/ HUMAN/ IMMOBILIZATION/ JOINT DISEASES, etiology/ \*JOINT DISEASES, therapy/ KNEE JOINT/ MALE/ MIDDLE AGE
1185. Cossel L, Weidenbach H, Schulz B: Elektronenmikroskopische Befunde an der Leber bei Anwendung von Rutheniumrot. *Beitr Path Anat* 139:381-408, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*CAPILLARIES, cytology/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE/ FIBRIN/ GUINEA PIGS/ HISTOLOGICAL TECHNIQUES/ LIVER, blood supply/ \*LIVER, cytology/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES/ \*RUTHENIUM/ \*STAINS AND STAINING
1186. Coudere P, Dufour H, Faure H, et al: L'histiocytose lipidique de la rate au cours du purpura thrombopénique idiopathique. *Ann Anat Path (Paris)* 14:309-17, Jul-Sep 69 (Fre)  
ADOLESCENCE/ ADULT/ CYTOPLASM, analysis/ CYTOPLASMIC GRANULES, analysis/ HISTIOCYTES, analysis/ HUMAN/ LIPIDS, analysis/ PURPURA, THROMBOPENIC, complications/ \*PURPURA, THROMBOPENIC, pathology/ RETICULOENDOTHELIOSIS, complications/ \*RETICULOENDOTHELIOSIS, pathology/ \*SPLEEN, pathology/ STAINS AND STAINING
1187. Counitchansky Y, Berthillier G, Got R: Mise en évidence, dans le colostrum humain, de protéines formant des complexes avec la trypsine et la chymotrypsine. *Clin Chim Acta* 26:223-9, Nov 69 (Fre)  
CENTRIFUGATION, DENSITY GRADIENT/ \*CHYMOTRYPSIN/ \*COLOSTRUM, analysis/ ENGLISH ABSTRACT/ ESTERASES/ FEMALE/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ PREGNANCY/ \*PROTEIN BINDING/ \*TRYPSIN
1188. Couplier J: Le test au chlorure de sodium en tube plastique (T.S.P.). *Ann Biol Clin (Paris)* 27:167-76, Mar-Apr 69 (Fre)  
ANALYSIS OF VARIANCE/ BLOOD COAGULATION DISORDERS/ \*BLOOD COAGULATION TESTS/ CALCIUM CHLORIDE/ CEPHALINS/ \*DISPOSABLE EQUIPMENT/ ENGLISH ABSTRACT/ HUMAN/ KAOLIN/ \*POLYSTYRENES/ \*SODIUM CHLORIDE
1189. Courbier R, Bailie Y, Goudard A, et al: The role of the arterial wall in the mechanism of thrombosis and lysis. Experimental study. *J Cardiovasc Surg (Torino)* 10:355-61, Sep-Oct 69  
ANIMAL EXPERIMENTS/ \*ARTERIES, physiopathology/ DOGS/ EPITHELIUM, secretion/ \*FIBRINOLYTIC AGENTS, secretion/ PLASMINOGEN, physiology/ STREPTOKINASE, pharmacodynamics/ \*THROMBOSIS, physiopathology
1190. Courbier R, Vairel E, Jossierand JM, et al: Variations de la plasminémie au cours de la thrombolyse expérimentale. *Presse Med* 77:1427-8, 4 Oct 69 (Fre)  
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, blood/ BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CLOT RETRACTION/ DOGS/ \*FIBRINOLYSIS/ \*FIBRINOLYSIS/ HEPARIN, pharmacodynamics/ PLASMINOGEN/ PLASMINOGEN, pharmacodynamics/ \*THROMBOSIS, drug therapy/ TIME FACTORS
1191. Courbier R, Vairel E, Brunel-Atlan F: Contrôle de la plasminémie dans la coagulation en chirurgie artérielle. *Agressologie* 10:493-7, 1969 (Fre)  
\*ARTERIES, surgery/ \*BLOOD COAGULATION



# AUTHOR SECTION

- DISORDERS/ DRUG HYPERSENSITIVITY/  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS,  
analysis/ HEPARIN, pharmacodynamics/  
HUMAN
1192. Courbier R, Vairel E, Brunel-Atlan F: Evaluation du potentiel lytique dans le contrôle de la coagulation per et post-opératoire.  
Marseille Med 107:137-9, 1970 (Fre)  
\*BLOOD COAGULATION TESTS/  
\*FIBRINOLYSIS, analysis/ HEPARIN,  
therapeutic use/ HUMAN/ PLASMINOGEN,  
analysis/ \*VASCULAR SURGERY
1193. Couroucé-Pauty AM, Lewi S, Soulier JP: Etude des anticorps anti-staphylocoagulase: distribution et spécificité antigénique en relation avec le groupe phagique de la souche.  
Ann Inst Pasteur (Paris) 118:302-23, Mar 70 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
\*ANTIBODIES, analysis/ BACTERIOPHAGE  
TYPING/ CHILD/ \*COAGULASE, antagonists  
& inhibitors/ ENGLISH ABSTRACT/  
FEMALE/ GAMMA GLOBULIN, analysis/  
GAMMA GLOBULIN, 7S, analysis/ HUMAN/  
IMMUNE SERUMS/ MALE/ MIDDLE AGE/  
SEX FACTORS/ \*STAPHYLOCOCCAL  
INFECTIONS, immunology
1194. Courson B, Dumas M, Collomb H: Les anévrysmes artériels distaux ou des branches périphériques de l'artère cérébrale moyenne.  
Neurochirurgie 16:15-24, Jan-Feb 70 (Fre)  
ADOLESCENCE/ ADULT/ \*ANEURYSM,  
MYCOTIC, etiology/ ARTERITIS,  
complications/ \*CEREBRAL ANEURYSM/  
CEREBRAL ANEURYSM, congenital/  
CEREBRAL ANEURYSM, etiology/ CEREBRAL  
ANEURYSM, surgery/ CEREBRAL  
ANGIOGRAPHY/ CHILD/ EMBOLISM,  
complications/ \*ENDOCARDITIS, SUBACUTE  
BACTERIAL, complications/ ENGLISH  
ABSTRACT/ HEMATOMA, etiology/ HUMAN/  
MALE/ WOUNDS AND INJURIES,  
complications
1195. Courtney LD: Coagulation failure in pregnancy.  
Brit Med J 1:691, 14 Mar 70  
AMNIOTIC FLUID, analysis/ \*BLOOD  
COAGULATION DISORDERS, etiology/  
FEMALE/ HUMAN/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, etiology/ THROMBOPLASTIN,  
analysis
1196. Courtney LD: Amniotic fluid embolism.  
Brit Med J 1:545, 28 Feb 70  
ADULT/ \*EMBOLISM, AMNIOTIC FLUID,  
etiology/ EMBOLISM, AMNIOTIC FLUID,  
mortality/ FEMALE/ FETAL MEMBRANES/  
HUMAN/ LABOR COMPLICATIONS/  
PREGNANCY
1197. Cowan WK, Mukherjee DS: Hemangioma of the parotid gland: report of case. J Oral Surg 28:129-30, Feb 70  
ADULT/ CASE REPORT/ \*HEMANGIOMA/  
HUMAN/ MALE/ \*PAROTID NEOPLASMS
1198. Cowie DH, Fairweather DV, Newell DJ: A double-blind trial of bromelains as an adjunct to vaginal plastic repair operations.  
J Obstet Gynaec Brit Comm 77:365-8, Apr 70  
\*BROMELAINS, therapeutic use/ CLINICAL  
RESEARCH/ EDEMA, prevention & control/  
FEMALE/ HEMATOMA, prevention & control/  
HUMAN/ MIDDLE AGE/ PLACEBOS/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ SURGERY, PLASTIC/  
URINARY CATHETERIZATION/ URINATION/  
\*VAGINA, surgery
1199. Cowley RA, Attar S, LaBrosse E, et al: Some significant biochemical parameters found in 300 shock patients.  
J Trauma 9:926-38, Nov 69  
ACID-BASE EQUILIBRIUM/ ALANINE  
AMINOTRANSFERASE, blood/ ASPARTATE  
AMINOTRANSFERASE, blood/ BLOOD  
COAGULATION/ BLOOD GAS ANALYSIS/  
BLOOD UREA NITROGEN/ CENTRAL  
VENOUS PRESSURE/ CREATININE, blood/  
HEMODYNAMICS/ HEMOGLOBIN, analysis/  
HUMAN/ LACTATE DEHYDROGENASE,  
blood/ LIVER, pathology/ MALATE  
DEHYDROGENASE, blood/ OSMOTIC  
PRESSURE/ SHOCK, blood/ SHOCK,  
enzymology/ \*SHOCK, metabolism/ SHOCK,  
pathology
1200. Cox AC, Hanahan DJ: The isolation of undegraded bovine prothrombin and its partial characterization.  
Biochim Biophys Acta 207:49-64, 28 Apr 70  
AMINO ACIDS, analysis/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ELECTROPHORESIS, DISK/ GEL  
FILTRATION/ MOLECULAR WEIGHT/  
\*PROTHROMBIN, isolation & purification/  
ULTRACENTRIFUGATION
1201. Cox GB, Newton NA, Gibson F, et al: The function of ubiquinone in Escherichia coli.  
Biochem J 117:551-62, Apr 70  
AMOBARBITAL, pharmacodynamics/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
CELL MEMBRANE, analysis/ CYANIDES,  
pharmacodynamics/ CYTOCHROMES, analysis/  
ELECTRON TRANSPORT/ ESCHERICHIA  
COLI, enzymology/ \*ESCHERICHIA COLI,  
metabolism/ FLAVINS, analysis/ GLUCOSE,  
metabolism/ LACTATE DEHYDROGENASE,  
analysis/ MUTATION/ NAD, analysis/  
OXYGEN CONSUMPTION/ UBIQUINONE,  
antagonists & inhibitors/ \*UBIQUINONE,  
physiology
1202. Cramer F, Mackensen G:  
Cyclodextrin-Imidazol-Verbindungen.  
Chem Ber 103:2138-47, Jul 70 (Ger)  
BINDING SITES/ CATALYSIS/ CHEMISTRY/  
CHYMOTRYPSIN/ ENGLISH ABSTRACT/  
HISTIDINE/ \*IMIDAZOLES/ MODELS,  
CHEMICAL/ MODELS, STRUCTURAL/  
\*POLYSACCHARIDES/ SERINE
1203. Cranley JJ, Krause RJ, Strasser ES, et al: A complication with the use of the Fogarty balloon catheter for arterial embolectomy.  
J Cardiovasc Surg (Torino) 10:407-9, Sep-Oct 69  
AGED/ CASE REPORT/ \*CATHETERIZATION,  
adverse effects/ \*EMBOLISM, surgery/  
FEMALE/ FEMORAL ARTERY/ \*HEMATOMA,  
etiology/ HUMAN/ IATROGENIC DISEASE
1204. Cranley JJ, Krause RJ, Strasser ES, et al: Catheter technique for arterial embolectomy: a seven-year experience.  
J Cardiovasc Surg (Torino) 11:44-51, Jan-Feb 70  
AGED/ ANTICOAGULANTS, therapeutic use/  
AORTA/ AXILLARY ARTERY/ BRACHIAL  
ARTERY/ \*CATHETERIZATION/ EMBOLISM,  
drug therapy/ EMBOLISM, mortality/  
\*EMBOLISM, surgery/ FEMALE/ FEMORAL  
ARTERY/ FOLLOW-UP STUDIES/ HUMAN/  
ILIAC ARTERY/ MALE/ METHODS/ MIDDLE  
AGE/ POPLITEAL ARTERY/ TIME FACTORS
1205. Craveri A, Repaci G, Cerrini R, et al: Studio correlativo tra fibrinolisi e alcuni indici dell'emocoagulazione e del metabolismo lipidico nella malattia arteriosclerotica. G Clin Med 50:684-98, Aug 69 (Ita)  
AGED/ \*ARTERIOSCLEROSIS,  
physiopathology/ \*BLOOD COAGULATION  
DISORDERS/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ BLOOD PROTEINS,  
analysis/ CHOLESTEROL, blood/  
FIBRINOGEN, analysis/ FIBRINOLYSIS,  
analysis/ \*FIBRINOLYSIS/ HUMAN/ \*LIPIDS,  
metabolism/ MALE/ MIDDLE AGE
1206. Crawford JR 3d: Tissue penetrance of ampicillin and evaluation of variables of penetration.  
Surg Forum 20:490-1, 1969  
AMPICILLIN, administration & dosage/  
\*AMPICILLIN, metabolism/ AMPICILLIN,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
BIOLOGICAL ASSAY/ \*BIOLOGICAL  
TRANSPORT/ BIOLOGICAL TRANSPORT,  
drug effects/ CHYMOTRYPSIN,  
pharmacodynamics/ EPINEPHRINE,  
pharmacodynamics/ \*EYE, metabolism/



# AUTHOR SECTION

- INJECTIONS/ LIDOCAINE, pharmacodynamics/  
RABBITS/ STAPHYLOCOCCUS, drug effects
1207. Crawford MA, Hansen IL, Somers K: Studies on platelet 5-hydroxytryptamine in East Africans. Brit J Nutr 24:385-92, Jun 70  
ADOLESCENCE/ ADULT/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CAUCASIAN RACE/ \*DIET/ \*ENDOMYOCARDIAL FIBROSIS, etiology/ HUMAN/ MALE/ NEGROID RACE/ PLANTS, EDIBLE/ \*SEROTONIN, blood/ UGANDA
1208. Cremin BJ, Louw JH: Polyps in the large bowel in children. Clin Radiol 21:195-200, Apr 70  
CECAL NEOPLASMS/ CHILD/ CHILD, PRESCHOOL/ ENEMA/ FEMALE/ HAMARTOMA/ HEMANGIOMA/ HUMAN/ \*INTESTINAL POLYPS/ INTESTINAL POLYPS, pathology/ INTESTINAL POLYPS, radiography/ \*INTESTINE, LARGE/ MALE/ NEUROFIBROMATOSIS/ PEUTZ-JEGHERS SYNDROME/ RECTAL NEOPLASMS
1209. Cremonesi L, Milazzo F: Su di un caso di porpora trombocitopenica in corso di parotite epidemica. G Mal Infett 21:744-7, Sep 69 (Ita)  
ADULT/ HUMAN/ MALE/ \*MUMPS, complications/ \*PURPURA, THROMBOPENIC, etiology
1210. Crespin SR, Greenough WB 3d, Steinberg D: Stimulation of insulin secretion by infusion of free fatty acids. J Clin Invest 48:1934-43, Oct 69  
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ DIETARY FATS/ DOGS/ \*FATTY ACIDS, NONESTERIFIED, administration & dosage/ FATTY ACIDS, NONESTERIFIED, blood/ \*FATTY ACIDS, NONESTERIFIED, physiology/ FEMALE/ GLYCERIN, administration & dosage/ HEPARIN, administration & dosage/ INJECTIONS, INTRAVENOUS/ \*INSULIN, secretion/ KETONES, blood/ LIPIDS, metabolism/ MALE/ OLEIC ACID, administration & dosage/ PANCREAS, drug effects
1211. Cresswell P, Sanderson AR: Insoluble pronase. Biochem J 117:43P-44P, Apr 70  
CATALYSIS/ CHEMISTRY, PHYSICAL/ KINETICS/ MOLECULAR WEIGHT/ \*PEPTIDE HYDROLASES/ SOLUBILITY
1212. Creutzfeldt W, Schmidt H: Aetiology and pathogenesis of pancreatitis. (Current concepts). Scand J Gastroent 5:Suppl 6:47-62, 1970 (117 ref.)  
\*ALCOHOLISM, complications/ BILE ACIDS AND SALTS/ \*BILIARY TRACT DISEASES, complications/ DIGESTION/ ENZYME ACTIVATION/ HUMAN/ KALLIKREIN/ PANCREAS, enzymology/ \*PANCREATITIS, etiology/ PANCREATOPEPTIDASE/ PHOSPHOLIPASE/ REVIEW/ TRYPSIN
1213. Creveld S van: Transfusion in hemophilia. Bibl Haemat 34:1-8, 1970  
BLOOD COAGULATION/ BLOOD PROTEINS/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, history/ CHOLESTEROL, analysis/ FACTOR VIII, analysis/ FIBRINOGEN/ \*HEMOPHILIA, therapy/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ PHOSPHOLIPIDS, analysis
1214. Creveld S van, Buchner R, Vos-Bongaardt CM de: Tandextrachties bij hemofilie. Nederl T Tandheelk 76:711-32, Oct 69 (Dut)  
ADOLESCENCE/ ADULT/ CHILD/ \*CHRISTMAS DISEASE/ ENGLISH ABSTRACT/ \*HEMOPHILIA/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ MALE/ \*TOOTH EXTRACTION/ \*VON WILLEBRAND'S DISEASE
1215. Creveld S van, Mochtar IA, Donk H van: Ervaringen uit de Hemofilie-Kliniek. 3. Intramusculaire bloedingen bij hemofilie. Nederl T Geneesk 114:719-22, 25 Apr 70 (Dut)  
ADOLESCENCE/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, complications/ FACTOR VIII, therapeutic use/ FACTOR IX, therapeutic use/ \*HEMOPHILIA, complications/ \*HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ MALE/ \*MUSCLES, injuries
1216. Crichton RR: Studies on the structure of ferritin and apoferritin from horse spleen. I. Tryptic digestion of ferritin and apoferritin. Biochim Biophys Acta 194:34-42, 11 Nov 69  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ FERRITIN/ HORSES/ IRON/ METHODS/ \*PEPTIDES/ PEPTIDES, analysis/ PROTEIN BINDING/ \*SPLEEN/ TIME FACTORS/ \*TRYPSIN
1217. Crocetti L, Routier G, Leuridan B: Flutter auriculaire de type 2-1 révélateur d'une embolie pulmonaire. A propos d'une observation. Sem Hop Paris 46:537-43, 14 Feb 70 (Fre)  
\*AURICULAR FLUTTER, etiology/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEART FAILURE, CONGESTIVE/ HEPARIN, therapeutic use/ HUMAN/ LEG/ MIDDLE AGE/ \*PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ RESPIRATORY INSUFFICIENCY/ TACHYCARDIA, PAROXYSMAL, etiology/ THORACIC RADIOGRAPHY/ THROMBOPHLEBITIS
1218. Croft DN, Ingelfinger FJ: Isolated gastric parietal cells: oxygen consumption, electrolyte content and intracellular pH. Clin Sci 37:491-501, Oct 69  
ANIMAL EXPERIMENTS/ CENTRIFUGATION/ CHLORIDES, analysis/ CLOSTRIDIOPEPTIDASE A/ DOGS/ EXTRACELLULAR SPACE, analysis/ GASTRIC JUICE, secretion/ GASTRIC MUCOSA, analysis/ GASTRIC MUCOSA, cytology/ \*GASTRIC MUCOSA, metabolism/ \*HYDROGEN-ION CONCENTRATION/ IN VITRO/ MUSCLES, analysis/ \*OXYGEN CONSUMPTION/ PEPTIDE HYDROLASES/ POTASSIUM, analysis/ SODIUM, analysis
1219. Croizat B, Kande J, Simonet N, et al: Les acides biliaires au cours du développement embryonnaire du poulet: étude in vivo et in vitro. C R Acad Sci [D] (Paris) 269:904-7, 1 Sep 69 (Fre)  
ANIMAL EXPERIMENTS/ \*BILE ACIDS AND SALTS, metabolism/ CARBON ISOTOPES/ \*CHICK EMBRYO, metabolism/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ LIVER, metabolism/ TAURINE, metabolism/ TISSUE CULTURE/ TRYPSIN
1220. Crolle G, Arturi F, Garbero F: Chiarificanti e profilassi antitrombotica. Comportamento dell'adesività plastrinica, del NEFA e della turbidimetria dopo carico lipidico alimentare in normali ed in arteriosclerotici. Minerva Med 60:Suppl 99:5046+, 12 Dec 69 (Ita)  
ADULT/ \*ARTERIOSCLEROSIS, blood/ \*BLOOD PLATELETS, drug effects/ \*BLOOD VISCOSITY, drug effects/ DENSITOMETRY/ \*DIETARY FATS, pharmacodynamics/ ENGLISH ABSTRACT/ \*FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ \*HEPARINOID, therapeutic use/ HUMAN/ \*LIPIDS, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ \*THROMBOSIS, prevention & control
1221. Crolle G, Cerutti G, Bellan B, et al: Diatesi emorragiche ed emorragie recidivanti retino-vitreali in giovani soggetti. (emofilia e pseudoemofilia nella malattia di Eales) Minerva Oftal 10:221-7, Nov-Dec 68 (Ita)  
ADULT/ ENGLISH ABSTRACT/ \*HEMOPHILIA, complications/ HEMORRHAGE/ \*HEMORRHAGIC DIATHESIS, etiology/



# AUTHOR SECTION

- HEMOSTASIS/ HUMAN/ MALE/ \*RETINAL  
HEMORRHAGE, etiology/ \*VITREOUS BODY/  
\*VON WILLEBRAND'S DISEASE, complications
1222. Crolle G, Lovisetto P, Molfese G, et al: Osservazioni su di un caso di favismo con diatesi emorragica. *Minerva Med* 60:4923-6, 8 Dec 69 (Ita)  
ADULT/ \*FAVISM, complications/  
\*HEMORRHAGIC DIATHESIS, etiology/  
HUMAN/ MALE
1223. Cronberg S: Untersuchungen über Plättchenfunktionen nach Dextranzufuhr. *Folia Haemat (Leipzig)* 92:491-6, 1969 (Ger)  
BLOOD CELL COUNT/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
drug effects/ \*DEXTRAN, pharmacodynamics/  
DEXTRAN, therapeutic use/ EMBOLISM,  
prevention & control/ FACTOR V, analysis/  
FACTOR VIII, analysis/ FEMORAL  
FRACTURES, complications/ FIBRINOGEN,  
analysis/ FIBRINOLYSIS, drug effects/  
HUMAN/ MOLECULAR WEIGHT/ PLATELET  
ADHESIVENESS, drug effects/ THROMBOSIS,  
prevention & control
1224. Cronin TD, Greenberg RL: Our experiences with the silastic gel breast prosthesis. *Plast Reconstr Surg* 46:1-7, Jul 70  
ADULT/ BODY FLUIDS/ \*BREAST, surgery/  
\*BREAST NEOPLASMS, surgery/ COSMETICS/  
FEMALE/ \*GELS/ HEMATOMA/ HUMAN/  
POSTOPERATIVE COMPLICATIONS/  
\*PROSTHESIS/ \*SILICONES/ SURGICAL  
WOUND INFECTION
1225. Cros S, Voisin MC, Tollon Y, et al: Atteinte des bourgeons de membres d'embryons de poulet par le diméthylsulfoxyde. *Ann Pharm Franc* 28:263-70, Apr 70 (Fre)  
\*ABNORMALITIES, DRUG-INDUCED/ ANIMAL  
EXPERIMENTS/ CAPILLARIES, drug effects/  
CHICK EMBRYO/ \*DIMETHYL SULFOXIDE,  
adverse effects/ ENGLISH ABSTRACT/  
EXTREMITIES, drug effects/ EXTREMITIES,  
pathology/ HEMATOMA
1226. Crossland JD, Pepper MD, Giles CM, et al: A British family possessing two variants of the MNSs blood group system, Mv and a new class within the Miltenberger complex. *Vox Sang* 18:407-13, May 70  
\*BLOOD GROUPS, classification/ ENGLAND/  
FEMALE/ GENETICS, HUMAN/  
HEMAGGLUTINATION TESTS/ HUMAN/  
IMMUNE SERUMS/ MALE/ PEDIGREE/  
PEPTIDE PEPTIDOHYDROLASES,  
pharmacodynamics
1227. Cruz Filho A: Tratamento de artropatias por injeções intraarticulares de Trasylol R. *Hospital (Rio)* 76:1433-8, Oct 69 (Por)  
ADULT/ AGED/ \*ARTHRITIS, RHEUMATOID,  
drug therapy/ FEMALE/ HUMAN/  
INJECTIONS, INTRA-ARTICULAR/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
administration & dosage/ MALE/ MIDDLE  
AGE
1228. Csaba G: Mechanism of the formation of mast-cell granules. 3. Self-regulating system of granule formation. *Acta Biol Acad Sci Hung* 20:211-8, 1969  
ANIMAL EXPERIMENTS/  
CHLORAMPHENICOL, pharmacodynamics/  
CORTISONE, pharmacodynamics/  
\*CYTOPLASMIC GRANULES/  
DACTINOMYCIN, pharmacodynamics/  
GENETICS, BIOCHEMICAL/ HEPARIN,  
biosynthesis/ HISTAMINE, metabolism/ MALE/  
\*MAST CELLS, cytology/ MICROSCOPY,  
FLUORESCENCE/ RATS/ SEROTONIN,  
metabolism/ STAINS AND STAINING/  
THYMUS GLAND, metabolism/ TISSUE  
CULTURE
1229. Csaba G: Mechanism of the formation of mast-cell granules. II. Cell-free model. *Acta Biol Acad Sci Hung* 20:205-10, 1969  
CELL-FREE SYSTEM/ \*CYTOPLASMIC  
GRANULES/ DOPA, analysis/ HEPARIN,  
analysis/ HISTAMINE, analysis/ \*MAST
- CELLS, cytology/ MODELS, BIOLOGIC/  
SEROTONIN, analysis/ STAINS AND  
STAINING
1230. Csaba G, Forgács A: Behaviour of mast cells in the skin of mice treated with benzpyrene. *Acta Morph Acad Sci Hung* 18:17-22, 1970  
ANIMAL EXPERIMENTS/ \*BENZOPYRENES/  
CELL DIVISION/ CELL TRANSFORMATION,  
NEOPLASTIC/ HEPARIN, biosynthesis/  
HISTAMINE, biosynthesis/ HUMAN/ MAST  
CELLS, drug effects/ \*MAST CELLS, growth  
& development/ MICE/ \*NEOPLASMS,  
EXPERIMENTAL, chemically induced/  
NEOPLASMS, EXPERIMENTAL, pathology/  
SEROTONIN, biosynthesis/ \*SKIN, pathology/  
\*SKIN NEOPLASMS, pathology/ STAINS AND  
STAINING
1231. Cuatrecasas P: Topography of the active site of staphylococcal nuclease. Affinity labeling with diazonium substrate analogues. *J Biol Chem* 245:574-84, 10 Feb 70  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ BINDING SITES/ CALCIUM/  
CHEMISTRY/ CHROMATOGRAPHY, PAPER/  
\*DEOXYRIBONUCLEASE/  
DEOXYRIBONUCLEASE, antagonists &  
inhibitors/ \*DIAZONIUM COMPOUNDS/  
HISTIDINE/ HYDROGEN-ION  
CONCENTRATION/ \*NUCLEOTIDES/  
PEPTIDES, analysis/ \*RIBONUCLEASE/  
RIBONUCLEASE, antagonists & inhibitors/  
SPECTROPHOTOMETRY/ STAPHYLOCOCCUS/  
TIME FACTORS/ TRYPSIN/ TRYPTOPHAN/  
TYROSINE/ ULTRAVIOLET RAYS
1232. Cubesi G, Capozzi A: La terapia antibiotico-enzimatico-balsamica nella patologia infiammatoria dell'apparato genitale femminile. *Minerva Ginec* 22:572-8, 15 Jun 70 (Ita)  
ADULT/ \*BALSAMS, therapeutic use/  
\*CHYMOTRYPSIN, therapeutic use/ ENGLISH  
ABSTRACT/ FEMALE/ \*GYNECOLOGIC  
DISEASES, drug therapy/ HUMAN/  
\*TETRACYCLINE, therapeutic use/ \*TRYPSIN,  
therapeutic use
1233. Cucu F, Poboran A, Nedelescu R: Valoarea hipocolesterolemiantă a unor grăsimi nesaturate. *Stud Cercet Med Intern* 10:361-4, 1969 (Rum)  
ANIMAL EXPERIMENTS/ DIET,  
ATHEROGENIC/ ENGLISH ABSTRACT/  
\*FATS, UNSATURATED, pharmacodynamics/  
FATTY ACIDS, ESSENTIAL,  
pharmacodynamics/ FISH LIVER OILS,  
pharmacodynamics/ \*HYPERCHOLESTEREMIA/  
\*OILS, pharmacodynamics/ RATS/  
SALMONIDAE/ SHARKS
1234. Cukier J, Benhamou G, Leger P: Rupture traumatique d'une veine du pédicule rénal associée à une fracture du rein avec désinsertion calicelle. A propos de deux observations. *J Chir (Paris)* 97:331-40, Mar 69 (Fre)  
ACCIDENTS, TRAFFIC/ ADULT/  
ANGIOGRAPHY/ CONTUSIONS/ HEMATOMA/  
HEMORRHAGE/ HUMAN/ \*KIDNEY, injuries/  
\*KIDNEY PELVIS, injuries/ LAPAROTOMY/  
MALE/ MIDDLE AGE/ \*RENAL VEINS,  
injuries/ \*RUPTURE/ UROGRAPHY
1235. Culp LA, Dore E, Brown GM: Methylated bases in DNA of animal origin. *Arch Biochem* 136:73-9, Jan 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHICK EMBRYO/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ CYTOSINE,  
analysis/ \*DNA, analysis/ DNA, biosynthesis/  
\*DNA, NEOPLASM, analysis/ DNA,  
NEOPLASM, biosynthesis/ GUANINE, analysis/  
HELA CELLS, analysis/ HUMAN/ L CELLS,  
analysis/ LUNG, analysis/ LUNG, cytology/  
LUNG, embryology/ METHIONINE,  
metabolism/ METHYLATION/ PEPTIDE  
HYDROLASES/ \*PURINONES, analysis/  
\*PYRIMIDINONES, analysis/ THYMINE,  
analysis/ TISSUE CULTURE
1236. Culver D, Crawford JS, Gardiner JH, et al: Venous thrombosis after fractures of the upper end of the



## AUTHOR SECTION

- femur. A study of incidence and site.  
J Bone Joint Surg [Brit] 52:61-9, Feb 70  
ANTICOAGULANTS, therapeutic use/  
\*FEMORAL FRACTURES, complications/  
FEMORAL FRACTURES, radiography/  
FEMORAL FRACTURES, surgery/ \*FEMORAL  
NECK FRACTURES, complications/ FEMORAL  
VEIN/ \*FEMUR HEAD/ FRACTURE  
FIXATION, INTERNAL/ ILIAC VEIN/  
PHLEBOGRAPHY/ POPLITEAL VEIN/  
PULMONARY EMBOLISM, etiology/  
PULMONARY EMBOLISM, occurrence/  
PULMONARY EMBOLISM, prevention &  
control/ \*THROMBOSIS, etiology/  
THROMBOSIS, occurrence/ THROMBOSIS,  
prevention & control/ THROMBOSIS,  
radiography
1237. Cumming WJ, Foster LA: A comparison of two methods  
in the preparation of rat nerve cells in tissue culture.  
J Anat 106:184-5, Jan 70  
ANIMAL EXPERIMENTS/ BRAIN, cytology/  
CATTLE/ CELL LINE/ COMPARATIVE  
STUDY/ CULTURE MEDIA/ FETUS/ HUMAN/  
IN VITRO/ METHODS/ \*NEUROGLIA/  
\*NEURONS/ RATS/ \*TISSUE CULTURE/  
TRYPSIN
1238. Cunliffe WJ, Dewar HA, Holti G, et al: Blood  
fibrinolytic activity and thermometry in patients with  
collagen vascular disease and response to treatment.  
Biorheology 6:280, Jan 70  
\*BODY TEMPERATURE/ \*FIBRINOLYSIS,  
blood/ HUMAN/ SKIN/ \*VASCULAR  
DISEASES, enzymology/ VASCULAR  
DISEASES, therapy
1239. Cunningham DS, Paletta FX: Control of arteriovenous  
fistulae in massive facial hemangioma by muscle  
emboli. Case report.  
Plast Reconstr Surg 46:305-8, Sep 70  
ARTERIOVENOUS FISTULA, complications/  
\*ARTERIOVENOUS FISTULA, surgery/  
\*CAROTID ARTERIES, surgery/ EMBOLISM/  
\*FACIAL NEOPLASMS, complications/  
FACIAL NEOPLASMS, surgery/ FEMALE/  
\*HEMANGIOMA, complications/  
HEMANGIOMA, surgery/ HUMAN/ METHODS/  
MIDDLE AGE/ MUSCLES, surgery/ SKULL,  
radiography
1240. Cuppett CC, Canady WJ: Thermodynamics of  
alpha-chymotrypsin-substrate and inhibitor complex  
formation as a function of pH. Hydrophobic binding by  
the low and high pH forms of the enzyme.  
J Biol Chem 245:1069-74, 10 Mar 70  
BINDING SITES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN,  
antagonists & inhibitors/ FLUORESCENCE/  
HIPURATES/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/  
NAPHTHALENES/ OSMOLAR  
CONCENTRATION/ SULFONIC ACIDS/  
TEMPERATURE/ THERMODYNAMICS
1241. Currin DR, Pechet L: Discriminant analysis on  
coagulation and fibrinolytic data obtained during liver  
homotransplantation.  
Thromb Diath Haemorrh 22:411-6, 31 Dec 69  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ \*BLOOD COAGULATION/  
COMPUTERS, DIGITAL/ DOGS/  
\*FIBRINOLYSIS/ HUMAN/ \*LIVER,  
transplantation/ PROGNOSIS/ STATISTICS/  
TRANSPLANTATION, HOMOLOGOUS
1242. Curth HO: Sturge-Weber syndrome and multiple  
myeloma. Arch Derm (Chicago) 100:488, Oct 69  
\*ANGIOMATOSIS, complications/ \*MULTIPLE  
MYELOMA, complications
1243. Curtis JR, Marshall MJ: Cephaloridine serum levels in  
patients on maintenance haemodialysis.  
Brit Med J 2:149-51, 18 Apr 70  
ADOLESCENCE/ ADULT/ CEPHALORIDINE,  
administration & dosage/ \*CEPHALORIDINE,  
blood/ CEPHALORIDINE, metabolism/  
CREATININE, metabolism/ FEMALE/  
\*HEMODIALYSIS/ HUMAN/ KIDNEY  
FAILURE, CHRONIC, therapy/ MALE/
- METABOLIC CLEARANCE RATE/  
NEPHRECTOMY/ TIME FACTORS/  
WARFARIN, therapeutic use
1244. Cutcudache C, Boldescu G, Popa R, et al: Sindromul  
hemoragic în boala de iradiere. II. Studiu  
experimental al efectului radioprotector al cistaminei  
și al tratamentului cu acizi nucleici de măduvă  
homologă asupra coagulării și fibrinolizei la șobolani  
expuși la doze letale de rază X.  
Fiziol Norm Pat 16:169-77, Mar-Apr 70 (Rum)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ \*BONE  
MARROW/ \*CYSTAMINE, pharmacodynamics/  
ENGLISH ABSTRACT/ FIBRINOLYSIS, drug  
effects/ \*HEMORRHAGE,  
prevention & control/ \*NUCLEIC ACIDS,  
pharmacodynamics/ \*RADIATION INJURY,  
EXPERIMENTAL, complications/  
RADIATION-PROTECTIVE AGENTS,  
pharmacodynamics/ RATS/ TISSUE  
EXTRACTS, pharmacodynamics
1245. Cuthbertson D, Tilstone WJ: Metabolism during the  
postinjury period.  
Advances Clin Chem 12:1-55, 1969 (158 ref.)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ BLOOD PROTEINS,  
metabolism/ BLOOD TRANSFUSION/ BLOOD  
VESSELS, metabolism/ CARBOHYDRATES,  
metabolism/ EMBOLISM, FAT/ HEMOGLOBIN,  
metabolism/ HOMEOSTASIS/ HORMONES/  
HUMAN/ ISOENZYMES, blood/ KIDNEY,  
physiopathology/ KREBS CYCLE/ LIPIDS,  
blood/ LYMPH, enzymology/ NITROGEN,  
metabolism/ NUTRITION/  
RETICULOENDOTHELIAL SYSTEM,  
physiopathology/ REVIEW/ SHOCK/ STRESS/  
TEMPERATURE/ WATER-ELECTROLYTE  
BALANCE/ \*WOUNDS AND INJURIES,  
metabolism
1246. Cutroneo KR, Fuller GC: Application of a rapid  
colorimetric assay to detect alterations in rat proline  
imino peptidase.  
Biochim Biophys Acta 198:271-5, 11 Feb 70  
\*AMINOPEPTIDASES, analysis/  
AMINOPEPTIDASES, biosynthesis/  
AMINOPEPTIDASES, metabolism/ ANIMAL  
EXPERIMENTS/ ARTERIOSCLEROSIS,  
enzymology/ CLOSTRIDIOPeptidase A,  
analysis/ COLORIMETRY/ DIET,  
ATHEROGENIC/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ LIVER, drug  
effects/ \*LIVER, enzymology/ LUNG,  
enzymology/ MALE/ METHODS/  
MYOCARDIUM, enzymology/ PARATHYROID  
HORMONE, pharmacodynamics/ PROLINE/  
RATS/ STIMULATION, CHEMICAL
1247. Cybulska J, Jeljaszewicz J: Zawartość inhibitora  
wzrostu gronkowców koagulazo-ujemnych w  
normalnej surowicy ludzkiej.  
Med Dosw Mikrobiol 21:249-53, 1969 (Pol)  
\*BLOOD GROUPS/ COAGULASE/ ENGLISH  
ABSTRACT/ HUMAN/ \*STAPHYLOCOCCUS,  
growth & development
1248. Cybulska J, Jeljaszewicz J: Staphylococcal  
interference. Zbl Bakt [Orig] 211:186-97, 1969  
ANTIBIOTICS, pharmacodynamics/  
BACTERIOPHAGE TYPING/ COAGULASE,  
metabolism/ CULTURE MEDIA/ DRUG  
RESISTANCE, MICROBIAL/ HUMAN/ NASAL  
MUCOSA, microbiology/ STAPHYLOCOCCUS,  
classification/ STAPHYLOCOCCUS, drug  
effects/ STAPHYLOCOCCUS, enzymology/  
\*STAPHYLOCOCCUS, growth & development/  
STAPHYLOCOCCUS, isolation & purification/  
SUPPURATION, etiology
1249. Czech MP, Fain JN: Insulin protection against fat cell  
receptor inactivation by trypsin.  
Endocrinology 87:191-4, Jul 70  
ADIPOSE TISSUE, cytology/ \*ADIPOSE  
TISSUE, drug effects/ ADIPOSE TISSUE,  
metabolism/ ANIMAL EXPERIMENTS/  
CARBON DIOXIDE, metabolism/ CARBON  
ISOTOPES/ \*CELL MEMBRANE, drug effects/  
FEMALE/ GLUCOSE, metabolism/ IN VITRO/



## AUTHOR SECTION

- \*INSULIN, pharmacodynamics/ RATS/  
\*RECEPTORS, DRUG/ \*TRYPSIN,  
pharmacodynamics/ \*TRYPSIN INHIBITORS
1250. Czestochowska E, Tyminiński W, Biskupski E: Przypadek hemofilii A z przejściowymi zaburzeniami w kompleksie protrombiny.  
Pol Arch Med Wewn 44:261-4, Mar 70 (Pol)  
CASE REPORT/ ENGLISH ABSTRACT/  
\*HEMOPHILIA, blood/ HUMAN/ INFANT/  
MALE/ \*PROTHROMBIN, analysis
- ### D
1251. Daabis N, el-Khawass F: The influence of non-ionic surfactants on the rate of degradation of menadione (vitamin K3). Pharmazie 24:750-3, 12 Dec 69  
\*DRUG STABILITY/ HYDROGEN-ION  
CONCENTRATION/ \*SURFACE-ACTIVE  
AGENTS, pharmacodynamics/ TEMPERATURE/  
ULTRAVIOLET RAYS/ \*VITAMIN K
1252. Dab I, Fondou P, Vis HL: Splénomégale myéloïde du nourrisson polycaréné.  
Arch Franc Pediat 27:446, Apr 70 (Fre)  
ANEMIA, complications/ ASCORBIC ACID,  
therapeutic use/ CASE REPORT/  
\*DEFICIENCY DISEASES, complications/  
GROWTH DISORDERS, complications/  
HEPATOMEGALY, complications/ HUMAN/  
INFANT/ MALE/ RICKETS, complications/  
SCURVY, complications/ \*SPLENOMEGALY,  
etiology/ THROMBOPENIA, complications/  
VITAMIN D, therapeutic use
1253. Dabska M: Malignant endovascular papillary angioendothelioma of the skin in childhood. Clinicopathologic study of 6 cases.  
Cancer 24:503-10, Sep 69  
ADOLESCENCE/ AGE FACTORS/ CHILD/  
CHILD, PRESCHOOL/ FEMALE/  
\*HEMANGIOENDOTHELIOMA/  
HEMANGIOENDOTHELIOMA, occurrence/  
HEMANGIOENDOTHELIOMA, pathology/  
HUMAN/ INFANT/ MALE/ NEOPLASM  
METASTASIS/ PROGNOSIS/ SKIN, pathology/  
\*SKIN NEOPLASMS/ SKIN NEOPLASMS,  
occurrence/ SKIN NEOPLASMS, pathology
1254. Dacie JV, Brain MC, Harrison CV, et al: 'Non-tropical idiopathic splenomegaly' ('primary hypersplenism'): a review of ten cases and their relationship to malignant lymphomas. Brit J Haemat 17:317-33, Oct 69  
ADULT/ AGAMMAGLOBULINEMIA,  
complications/ AGED/ AGRANULOCYTOSIS,  
complications/ ANEMIA, complications/  
ANEMIA, HEMOLYTIC, AUTOIMMUNE,  
complications/ AUTOANTIBODIES/  
AUTOIMMUNE DISEASES, complications/  
FEMALE/ HUMAN/ \*HYSPERSPLENISM,  
complications/ HYPERSPLENISM, surgery/  
LEUKOPENIA, complications/ LYMPHOID  
TISSUE, pathology/ \*LYMPHOMA,  
complications/ LYMPHOSARCOMA,  
complications/ MALE/ MIDDLE AGE/  
SPLEEN, pathology/ SPLENECTOMY/  
\*SPLENOMEGALY, complications/  
SPLENOMEGALY, surgery/ THROMBOPENIA,  
complications
1255. Daciewicz Z, Badowski A: Zapobieganie doświadczalnym wzrostom otrzewnowym przez podanie roztworów hydrokortyzonu i substancji wysokocząsteczkowych.  
Pol Przegl Chir 42:233-9, Feb 70 (Pol)  
\*ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ ENGLISH ABSTRACT/  
\*HYDROCORTISONE, administration & dosage/  
\*PERITONEUM/ \*POLYVINYLPIRROLIDONE,  
administration & dosage/ RATS
1256. Da Costa JL, Jayaratnam FJ, Seah CS: Constitutional aplastic anaemia with congenital anomalies (Fanconi's anaemia)-a family study.  
J Singapore Paediat Soc 11:73-81, Apr 69  
\*ABNORMALITIES, MULTIPLE/ ANEMIA,  
APLASTIC, drug therapy/ \*ANEMIA,  
APLASTIC, familial & genetic/ BLOOD CELL  
COUNT/ BLOOD PLATELET DISORDERS,  
familial & genetic/ BLOOD TRANSFUSION/  
CHILD/ CHILD, PRESCHOOL/ \*CHROMOSOME  
ABERRATIONS/ CONSANGUINITY/ FEMALE/  
HUMAN/ MALE/ METHYLTESTOSTERONE,  
therapeutic use/ MONGOLOID RACE/  
PEDIGREE/ PREDNISOLONE, therapeutic use
1257. Daday H, Creaser EH: Isolation of a protein responsible for aggregation of avian embryonic cells.  
Nature (London) 226:970-1, 6 Jun 70  
ANIMAL EXPERIMENTS/ CELL ADHESION/  
\*CELL AGGREGATION/ CHICK EMBRYO/  
CULTURE MEDIA/ EDTA, pharmacodynamics/  
\*EYE PROTEINS, isolation & purification/ IN  
VITRO/ ISOTONIC SOLUTIONS/ \*RETINA,  
cytology/ RETINA, embryology/ TRYPSIN
1258. Daggett WM, Gada PH, Leape LL, et al: Autologous blood transfusion in pulmonary surgery.  
J Thorac Cardiovasc Surg 59:546-50, Apr 70  
ADOLESCENCE/ ADULT/ BLOOD  
PRESERVATION/ \*BLOOD TRANSFUSION/  
FEMALE/ HEMATOCRIT/ HUMAN/ \*LUNG  
DISEASES, surgery/ MALE/ METHODS/  
MIDDLE AGE/ PNEUMONECTOMY/  
PREOPERATIVE CARE/ THORACOPLASTY
1259. Dahle HK: Quantitative assay of a single proteolytic enzyme in a crude mixture of bacterial proteinases. Acta Path Microbiol Scand 77:134-42, 1969  
AEROMONAS, enzymology/ AGAR/  
ANTIGEN-ANTIBODY REACTIONS/ BACILLUS  
CEREUS, enzymology/ \*BACTERIA,  
enzymology/ CASEIN/ GAMMA GLOBULIN/  
IMMUNE SERUMS/ \*PEPTIDE HYDROLASES,  
analysis/ PRECIPITIN TESTS/  
PSEUDOMONAS, enzymology/ SERUM  
GLOBULINS
1260. Dahle HK: Enzymoserological separation of bacterial proteinases. Acta Path Microbiol Scand 77:143-8, 1969  
AEROMONAS, enzymology/ AGAR/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS/ BACTERIA, classification/  
\*BACTERIA, enzymology/ BLOOD PROTEIN  
ELECTROPHORESIS/ CASEIN/  
ELECTROPHORESIS/ GAMMA GLOBULIN/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ \*PEPTIDE HYDROLASES, isolation  
& purification/ PSEUDOMONAS AERUGINOSA,  
enzymology/ RABBITS/ SERUM GLOBULINS
1261. Dahlheim H, Weber P, Walter P, et al: Vergleichende reaktionskinetische Untersuchungen mit standardisiertem menschlichen Renin an vier angereicherten tierischen Renin substraten.  
Pflueger Arch 317:344-58, 1970 (Ger)  
\*ALPHA GLOBULIN/ \*ANGIOTENSIN/  
ANGIOTENSIN, isolation & purification/  
\*ANGIOTENSIN AMIDE/ ANGIOTENSINASE/  
CATTLE/ CHEMISTRY/ CHROMATOGRAPHY,  
PAPER/ CHYMOTRYPSIN/ DOGS/ ENGLISH  
ABSTRACT/ ERYTHROCYTES, enzymology/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
\*KINETICS/ RATS/ \*RENIN/ SPECIES  
SPECIFICITY/ SWINE
1262. Daikhes AI: Vosstanovitel'nye operatsii na litse obezobrazhivalushchikh posledstviakh lepy.  
Vestn Otorinolaring 32:40-5, Jan-Feb 70 (Rus)  
ADHESIONS, surgery/ ADOLESCENCE/  
ADULT/ CARTILAGE, transplantation/  
CICATRIX, surgery/ EAR, EXTERNAL,  
DEFORMITY, surgery/ ENGLISH ABSTRACT/  
EYEBROWS, surgery/ \*FACE, surgery/  
FACIAL PARALYSIS, surgery/ FEMALE/  
HUMAN/ \*LEPROSY, complications/ LIP,  
surgery/ MALE/ MIDDLE AGE/ NOSE,  
surgery/ SKIN, transplantation/ \*SURGERY,  
PLASTIC/ TRANSPLANTATION,  
HOMOLOGOUS
1263. Dally FA, Ranniger K, Zajichuk R, et al: Serum and plasma infusion in human pulmonary artery. Embolic implications. Arch Surg (Chicago) 101:26-31, Jul 70  
AGED/ BLOOD PLATELETS, secretion/  
BLOOD PRESSURE/ \*BLOOD TRANSFUSION/  
ELECTROCARDIOGRAPHY/ HUMAN/ MIDDLE  
AGE/ \*PLASMA/ \*PULMONARY  
CIRCULATION/ \*PULMONARY EMBOLISM,



# AUTHOR SECTION

- etiology/ \*SEROTONIN, blood/ SEROTONIN, secretion/ \*VASCULAR RESISTANCE
1264. D'Albis A: Note sur l'autoassociation de la trypsine à pH 4.8. *Biochim Biophys Acta* 200:40-6, 20 Jan 70 (Fre) BUTYLAMINES/ CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ \*HYDROGEN-ION CONCENTRATION/ KINETICS/ \*TRYPSIN/ ULTRACENTRIFUGATION
1265. D'Albis A: Etude thermodynamique de la dénaturation thermique réversible de la trypsine entre pH 1.0 et 3.4. *Biochim Biophys Acta* 200:34-9, 20 Jan 70 (Fre) CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ \*HYDROGEN-ION CONCENTRATION/ LIGHT/ \*PROTEIN DENATURATION/ ROTATION/ SPECTROPHOTOMETRY/ \*TEMPERATURE/ THERMODYNAMICS/ \*TRYPSIN
1266. Dalderup LM, Zwartz JA, Keller GH, et al: Serum lipids, typing, fibrinolysis, and smoking. *Brit Med J* 1:223, 25 Jul 70 ADOLESCENCE/ ADULT/ AGED/ CHYLOMICRONS, blood/ CORONARY DISEASE, etiology/ \*FIBRINOLYSIS/ HUMAN/ HYPERLIPIDEMIA, complications/ \*LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ \*SMOKING, complications
1267. Dale WA: Ligation, stripping, and excision of varicose veins. *Surgery* 67:389-93, Feb 70 HEMATOMA, prevention & control/ HEMOSTASIS/ HUMAN/ LEG, blood supply/ METHODS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTURE/ PREOPERATIVE CARE/ SAPHENOUS VEIN, surgery/ \*VARICOSE VEINS, surgery
1268. (Dam CP), Kenéz J: Egy vitamin születéséről. C. P. H. Dam 75 éves. *Orv Hetil* 111:1291-4, 31 May 70 (Hum) CANADA/ CURRENT BIOG-OBIT/ DENMARK/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ UNITED STATES/ VITAMIN K, history/ VITAMIN K DEFICIENCY
1269. D'Amaro J: The micro-complement fixation test. I. A solution of the technical problems of HL-A typing? *Vox Sang* 18:334-41, Apr 70 BLOOD GROUPS/ BLOOD PLATELETS, immunology/ COMPLEMENT/ \*COMPLEMENT FIXATION TESTS/ ERYTHROCYTES, immunology/ GUINEA PIGS/ HEMOLYSINS/ \*HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ ISOANTIGENS, analysis/ LEUKOCYTES, immunology/ METHODS/ SHEEP
1270. Dambrauskas T, Cornish HH: Effect of pretreatment of rats with carbon tetrachloride on tolerance development. *Toxic Appl Pharmacol* 17:83-97, Jul 70 ADIPOSE TISSUE, analysis/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD COAGULATION, drug effects/ BRAIN CHEMISTRY/ CARBON TETRACHLORIDE, metabolism/ \*CARBON TETRACHLORIDE, pharmacodynamics/ CARBON TETRACHLORIDE, toxicity/ CHLOROFORM, analysis/ CHLOROFORM, metabolism/ CHROMATOGRAPHY, GAS/ \*DRUG TOLERANCE, drug effects/ KIDNEY, analysis/ LIVER, analysis/ LIVER, pathology/ MALE/ RATS/ TIME FACTORS/ TRIGLYCERIDES, analysis/ TRIGLYCERIDES, blood
1271. Damsker IS, Kotovshchikova MA, Fedorova ZD, et al: Ob uluchshenii pokazatelei svertyvalushchei sistemy krovi u bol'nykh gemofiliei pri fizicheskikh uprazhneniyakh. *Probl Gemat* 14:24-6, Mar 69 (Rus) ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION/ CHILD/ \*CHRISTMAS DISEASE, therapy/ ENGLISH ABSTRACT/ \*EXERCISE THERAPY/ \*HEMOPHILIA, therapy/ HUMAN/ MIDDLE AGE
1272. Dandeu JP, Billault A, Barbu E: Action des colicines sur la vitesse de sortie du potassium intracellulaire. *C R Acad Sci [D]* (Paris) 269:2044-7, 17 Nov 69 (Fre) \*COLICINS, pharmacodynamics/ ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, metabolism/ KINETICS/ \*POTASSIUM, metabolism/ POTASSIUM ISOTOPES/ TRYPSIN
1273. Daneo-Moore L, Shockman GD: Accumulation of inhibitors of protein synthesis after valine starvation. II. Effect on polyphenylalanine synthesis and the binding of phenylalanyl transfer RNA. *Biochim Biophys Acta* 195:145-55, 19 Nov 69 \*BACTERIAL PROTEINS, biosynthesis/ BACTERIAL PROTEINS, pharmacodynamics/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ CYTOPLASM, analysis/ DEPRESSION, CHEMICAL/ DIALYSIS/ \*ESCHERICHIA COLI, metabolism/ FREEZING/ \*PEPTIDES, biosynthesis/ PHENYLALANINE/ POLYNUCLEOTIDES, biosynthesis/ RIBONUCLEASE, analysis/ \*RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ \*RNA, SOLUBLE, metabolism/ SOLUBILITY/ \*STREPTOCOCCUS FAECALIS/ STREPTOCOCCUS FAECALIS, metabolism/ TRYPSIN/ TRYPSIN INHIBITORS/ VALINE
1274. Danezis J: Treatment of intrauterine adhesions with the use of intrauterine devices. *Int J Fertil* 15:14-23, Jan-Mar 70 ADHESIONS, therapy/ ADULT/ \*CERVIX DISEASES, therapy/ FEMALE/ HUMAN/ \*INTRAUTERINE DEVICES/ MIDDLE AGE/ PREGNANCY
1275. Daniel DG: Estrogens and puerperal thromboembolism. *Amer Heart J* 78:720-2, Nov 69 AGE FACTORS/ BLOOD COAGULATION FACTORS/ CESAREAN SECTION/ \*ESTROGENS, adverse effects/ FEMALE/ HUMAN/ MATERNAL MORTALITY/ PARITY/ PREGNANCY/ \*PUERPERAL DISORDERS/ PULMONARY EMBOLISM, etiology/ THROMBOEMBOLISM, chemically induced/ \*THROMBOEMBOLISM, etiology
1276. Daniel VW 3d, Trowbridge CG: The effect of N-bromosuccinimide upon trypsinogen activation and trypsin catalysis. *Arch Biochem* 134:506-14, Nov 69 AMIDINES/ ARGININE/ BINDING SITES/ CHYMOTRYPSIN/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ ESTERS/ KINETICS/ PROTEIN BINDING/ \*PYRROLIDINONES/ SPECTRUM ANALYSIS/ \*TRYPSIN, metabolism/ TRYPSIN INHIBITORS/ \*TRYPSINOGEN
1277. Danilov IP: Primenenie bestsitratnoi krovi dlia lecheniia podostrykh i khronicheskikh gipoplasticheskikh anemii. *Probl Gemat* 15:29-32, Mar 70 (Rus) \*ANEMIA, APLASTIC, therapy/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ CHRONIC DISEASE/ CITRATES, adverse effects/ HUMAN/ SODIUM
1278. Danilova TN: Vliianie serougleroda na svertyvalushchiiu sistemu krovi. *Ter Arkh* 42:74-6, Mar 70 (Rus) ADULT/ \*BLOOD COAGULATION, drug effects/ \*CARBON DISULFIDE, pharmacodynamics/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ HUMAN/ MIDDLE AGE
1279. Dannheim R, Bárány EH: The effect of trabeculotomy in normal eyes of rhesus and cynomolgus monkeys studied by anterior chamber perfusion. *Docum Ophthal* 26:90-107, 1969 ADHESIONS/ ANIMAL EXPERIMENTS/ ANTERIOR CHAMBER, pathology/ \*ANTERIOR CHAMBER, surgery/ \*AQUEOUS HUMOR, physiology/ CICATRIX/ FEMALE/ GLAUCOMA, surgery/ GONIOSCOPY/ \*INTRAOCULAR PRESSURE/ MALE/ METHODS/ MONKEYS/ PILOCARPINE, pharmacodynamics/ SCLERA, physiology/ TIME FACTORS
1280. Danta G: Second phase platelet aggregation induced by



# AUTHOR SECTION

- adenosine diphosphate in patients with cerebral vascular disease and in control subjects.  
Thromb Diath Haemorrh 23:159-69, 28 Feb 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADULT/ AGED/ \*BLOOD PLATELETS, drug effects/ BRONCHITIS, blood/ CARPAL TUNNEL SYNDROME, blood/  
\*CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, drug therapy/ DERMATITIS, CONTACT, blood/ DIPYRIDAMOLE, therapeutic use/ DYSPEPSIA, blood/ FEMALE/ HEPATITIS, blood/ HERPES ZOSTER, blood/ HUMAN/ HYPERTENSION, blood/ INTERVERTEBRAL DISK DISPLACEMENT, blood/ MALE/ MENIERE'S DISEASE, blood/ MIDDLE AGE/ MIGRAINE, blood/ NEURALGIA, blood/ NEUROSES, blood/ PARKINSONISM, blood/ PLATELET ADHESIVENESS, drug effects/ SPINAL OSTEOPHYTOSIS, blood/ TRIGEMINAL NEURALGIA, blood/ VARICOSE VEINS, blood/ VIRUS DISEASES, blood
1281. Danta G: Pre- and postoperative platelet adhesiveness in pheochromocytoma.  
Thromb Diath Haemorrh 23:189-90, 28 Feb 70  
\*ADRENAL GLAND NEOPLASMS, blood/ ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, surgery/ \*BLOOD PLATELETS/ HUMAN/ \*PHEOCHROMOCYTOMA, blood/ PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, surgery/ PLATELET ADHESIVENESS/ THROMBOSIS, complications
1282. Da Prada M, Pletscher A: Differential uptake of biogenic amines by isolated 5-hydroxytryptamine organelles of blood platelets. Life Sci 8:65-72, 1 Jan 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ \*CHEMORECEPTORS, metabolism/ DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ HISTAMINE, metabolism/ HISTIDINE, metabolism/ NOREPINEPHRINE, metabolism/ \*ORGANOIDS, metabolism/ RABBITS/ \*SEROTONIN, metabolism/ TYRAMINE, metabolism
1283. Da Prada M, Pletscher A: Different localization of reserpine and tyramine within the 5-hydroxytryptamine organelles of blood platelets. Experientia 25:923-4, 15 Sep 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ \*ORGANOIDS, metabolism/ RABBITS/ RESERPINE, blood/ \*RESERPINE, metabolism/ SEROTONIN, blood/ \*SEROTONIN, metabolism/ TRITIUM/ TYRAMINE, blood/ \*TYRAMINE, metabolism
1284. D'Arca SU, Di Martino M, Santi AL: Aspetti nuovi nel problema della derattizzazione.  
Ann Med Nav (Roma) 74:673-84, Nov-Dec 69 (Ita)  
ANTICOAGULANTS, pharmacodynamics/ ENGLISH ABSTRACT/ \*RODENT CONTROL/ RODENTICIDES
1285. Darnborough J, Dunsford I, Wallace JA: The Ena antigen and antibody a genetical modification of human red cells affecting their blood grouping reactions. Vox Sang 17:241-55, Oct 69  
ABORTION, immunology/ ADULT/ ANTIGEN-ANTIBODY REACTIONS/ \*ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS, analysis/ \*BLOOD GROUPS/ BLOOD PLATELETS, immunology/ CONSANGUINITY/ ERYTHROCYTES, analysis/ \*ERYTHROCYTES, immunology/ FEMALE/ FETAL DEATH, immunology/ GENES, DOMINANT/ \*GENETICS, BIOCHEMICAL/ GENETICS, HUMAN/ GENOTYPE/ HEMAGGLUTINATION TESTS/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNE SERUMS/ ISOANTIBODIES, analysis/ LEUKOCYTES, immunology/ PREGNANCY/ SALIVA, immunology
1286. D'Arrigo C: Le emorroidi: una nuova terapia medica.  
Minerva Med 60:4327-34, 31 Oct 69 (Ita)  
ADULT/ AGED/ \*ASCORBIC ACID, therapeutic use/ \*CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHOIDS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ \*PROMETHAZINE, therapeutic use/ TRYPSIN, therapeutic use
1287. Das BR, Maurer PH, Liu CT: Some immunological studies with heat-denatured bovine serum albumin and its peptic, tryptic, and chymotryptic peptides. Proc Soc Exp Biol Med 133:1456-63, Apr 70  
ANIMAL EXPERIMENTS/ ARTHUS PHENOMENON/ CHYMOTRYPSIN/ GUINEA PIGS/ HEAT/ \*HYPERSENSITIVITY, DELAYED/ \*IMMUNE TOLERANCE, drug effects/ \*PASSIVE CUTANEOUS ANAPHYLAXIS, drug effects/ PEPsin/ \*PEPTIDES, pharmacodynamics/ PROTEIN DENATURATION/ RABBITS/ \*SERUM ALBUMIN, BOVINE, pharmacodynamics/ TRYPSIN
1288. Das MR, Connor HD, Lenhart DS, et al: An electron nuclear double resonance and electron spin resonance study of semiquinones related to vitamins K and E-1a. J Amer Chem Soc 92:2258-68, 22 Apr 70  
CHEMISTRY/ ELECTRON SPIN RESONANCE/ NAPHTHOQUINONES/ \*QUINONES/ \*VITAMIN E/ \*VITAMIN K
1289. Das PC: Assay of serum fibrin degradation products by agglutination-inhibition of coated erythrocytes. J Clin Path 23:299-303, May 70  
BLOOD PROTEIN ELECTROPHORESIS/ \*ERYTHROCYTES, immunology/ \*FIBRIN, metabolism/ FIBRINOGEN/ \*HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ METHODS/ RABBITS/ SERUM ALBUMIN/ SHEEP/ TIME FACTORS
1290. Das PC: Investigations and preparation of fibrinogen-coated tan A/Das PC: Investigations and preparation of fibrinogen-coated tanned sheep red cells. J Clin Path 23:149-55, Mar 70  
ANTIBODIES/ ANTIGENS/ BLOOD PRESERVATION/ BUFFERS/ CATTLE/ CITRATES/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES/ \*FIBRINOGEN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES/ RABBITS/ SHEEP/ TANNINS/ TEMPERATURE/ TIME FACTORS
1291. Das PC, Cash JD: Fibrinolysis at rest and after exercise in hepatic cirrhosis. Brit J Haemat 17:431-43, Nov 69  
ADULT/ AGED/ \*EXERTION/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ HUMAN/ \*LIVER CIRRHOSIS, enzymology/ LIVER CIRRHOSIS, metabolism/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ SERUM GLOBULINS
1292. Das Gupta A: Anticoagulant therapy in cerebrovascular disorders. J Indian Med Ass 54:477-8, 1 Jul 70  
\*ANTICOAGULANTS, therapeutic use/ \*CEREBROVASCULAR DISORDERS, drug therapy/ HUMAN
1293. Dashtalants GA, Krasovskaja EA: Tromboembolicheskie oslozhneniya i predtromboticheskie sostoyaniya u bol'nykh sakharnym diabetom. Vrach Delo 1:6-9, Jan 69 (Rus)  
ADULT/ \*BLOOD COAGULATION DISORDERS, etiology/ \*DIABETES MELLITUS, complications/ DIABETIC ANGIOPATHIES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*THROMBOEMBOLISM, etiology
1294. Dastugue G, Bastide P, Plat PM: Les enzymes plaquettaires.  
Expos Ann Biochim Med 29:227-65, 1969 (490 ref.) (Fre)  
AGAMMAGLOBULINEMIA, metabolism/ ANIMAL EXPERIMENTS/ \*BLOOD



# AUTHOR SECTION

- PLATELETS, enzymology/ BLOOD  
PLATELETS, metabolism/ GLUCOSE,  
metabolism/ HUMAN/ LIPIDS, metabolism/  
NUCLEOTIDES, metabolism/ OXYGEN  
CONSUMPTION/ PROTEINS, metabolism/  
REVIEW
1295. Daszyński J, Zdziechowska H: Przetaczanie krwinek czerwonych konserwowanych w temperature -196 degree chorym z przewlekłą niedokrwistością. Pol Tyg Lek 25:956-8, 29 Jun 70 (Pol)  
\*ANEMIA, therapy/ BILIRUBIN, analysis/  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ CHRONIC DISEASE/  
CREATININE, analysis/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ FREEZING/ HEMOGLOBIN,  
urine/ HUMAN/ METHODS/ UREA, analysis
1296. Datta RK, Ghosh JJ: Mescaline-induced changes of brain-cortex ribosomes. Effect of mescaline on the stability of brain-cortex ribosomes. Biochem J 117:961-8, May 70  
ANIMAL EXPERIMENTS/ \*CEREBRAL  
CORTEX, drug effects/ GOATS/ IN VITRO/  
\*MESCALINE, pharmacodynamics/  
NUCLEOTIDES, analysis/ PHOSPHATASES,  
analysis/ RIBONUCLEASE, analysis/  
RIBONUCLEASE, pharmacodynamics/  
RIBOSOMES, analysis/ \*RIBOSOMES, drug  
effects/ RIBOSOMES, enzymology/ SPECTRUM  
ANALYSIS/ TRYPsin, pharmacodynamics/  
ULTRAVIOLET RAYS
1297. Datta RK, Sen S, Ghosh JJ: Effect of polyamines on the stability of brain-cortex ribosomes. Biochem J 114:847-54, Oct 69  
\*AMINES, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*CEREBRAL CORTEX,  
cytology/ EDTA/ GOATS/ HEAT/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ NUCLEOTIDES/ PROTEINS/  
RIBONUCLEASE/ RIBOSOMES, analysis/  
\*RIBOSOMES, drug effects/ RNA/  
SPERMINE, pharmacodynamics/ TRYPsin
1298. Dausset J, Colombani J, Legrand L, et al: Genetic and biological aspects of the HL-A system of human histocompatibility. Blood 35:591-612, May 70  
\*ANTIGENS/ ANTIGENS, analysis/ BINDING  
SITES/ BLOOD GROUPS/ BLOOD  
PLATELETS, immunology/ CAUCASIAN  
RACE/ COMPLEMENT FIXATION TESTS/  
CROSS REACTIONS/ GENE FREQUENCY/  
\*GENETICS, HUMAN/ GENOTYPE/  
HEMAGGLUTINATION TESTS/  
HETEROZYGOTE/ \*HISTOCOMPATIBILITY/  
HUMAN/ IMMUNE SERUMS/ \*LEUKOCYTES,  
immunology/ LYMPHOCYTES, immunology/  
\*NOMENCLATURE/ SKIN, transplantation
1299. Dautrevaux M, Boulanger Y, Han K, et al: Structure covalente de la myoglobine de cheval. Europ J Biochem 11:267-77, Dec 69 (Fre)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/ BROMINE/  
CARBOXYPEPTIDASES/ CETACEA/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN/ CYANIDES/ ENGLISH  
ABSTRACT/ GENETIC CODE/ GLOBINS,  
analysis/ HORSES/ \*MYOGLOBIN, analysis/  
PEPSIN/ PEPTIDES, analysis/ SPECIES  
SPECIFICITY
1300. Dautrevaux M, Han K, Chaila X, et al: Séquence partielle des acides aminés de la myoglobine de boeuf. Bull Soc Chim Biol (Paris) 51:989-1000, 23 Oct 69 (Fre)  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ CATTLE/ CETACEA/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
HORSES/ HYDROGEN-ION CONCENTRATION/  
\*MYOGLOBIN, analysis/ PEPTIDES, analysis/  
SPECIES SPECIFICITY/ TRYPsin
1301. Daver J, Albugues MJ, Pasquier JP du, et al: Dosage des inhibiteurs sériques de la fibrinolyse par la méthode des "standard clots". Path Biol (Paris) 18:687-94, Jun-Jul 70 (Fre)  
\*ANTIFIBRINOLYTIC AGENTS, blood/  
\*BLOOD COAGULATION TESTS/ CLOT  
RETRACTION/ ENGLISH ABSTRACT/  
FIBRINOGEN, physiology/ FIBRINOLYSIS/  
\*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/  
GLOBULINS/ HUMAN/ KINETICS/ METHODS/  
MODELS, THEORETICAL/ STREPTOKINASE,  
physiology/ THROMBIN/ TIME FACTORS
1302. Daver J, Albugues MJ, Du Pasquier JP, et al: Dosage des inhibiteurs sériques de la fibrinolyse par la méthode des plateaux de fibrine. Ann Biol Clin (Paris) 27:721-33, Oct-Dec 69 (Fre)  
\*ANTIFIBRINOLYTIC AGENTS, blood/  
ENGLISH ABSTRACT/ \*FIBRIN/  
FIBRINOGEN/ HUMAN/ MATHEMATICS/  
METHODS/ THROMBIN
1303. Daver J, Edmond E, Panak E, et al: Fibrinolyse: cinétique de la lyse du caillot de fibrine. Rev Europ Etud Clin Biol 15:333-42, Mar 70 (Fre)  
ANALYSIS OF VARIANCE/ BLOOD  
COAGULATION TESTS/ CLOT RETRACTION/  
ENGLISH ABSTRACT/ \*FIBRIN/  
FIBRINOLYSIS, metabolism/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS, metabolism/  
HUMAN/ KINETICS/ MODELS,  
THEORETICAL/ PLASMINOGEN, metabolism/  
STREPTOKINASE, metabolism/ TIME  
FACTORS
1304. Davidoff SM: Erfahrungen mit dem Antifibrinolytikum Pampa in der Klefer-Gesichts-Chirurgie. Deutsch Stomat 20:391-3, May 70 (Ger)  
\*ANTIFIBRINOLYTIC AGENTS/ \*SURGERY,  
ORAL
1305. Davies ER, Roylance J: Aortography in the investigation of traumatic mediastinal haematoma. Clin Radiol 21:297-305, Jul 70  
ACCIDENTS, TRAFFIC/ ADOLESCENCE/  
ADULT/ AORTIC RUPTURE, diagnosis/  
AORTIC RUPTURE, etiology/ AORTIC  
RUPTURE, mortality/ AORTIC RUPTURE,  
radiography/ AORTIC RUPTURE, surgery/  
\*AORTOGRAPHY/ CAROTID ARTERIES,  
injuries/ \*HEMATOMA, radiography/ HUMAN/  
INNOMINATE ARTERY, radiography/ MALE/  
\*MEDIASTINUM, injuries/ MIDDLE AGE/  
PROGNOSIS/ SUBCLAVIAN ARTERY,  
injuries/ THORACIC INJURIES, radiography/  
THORACIC RADIOGRAPHY
1306. Davies PP: Coagulation defect due to anticonvulsant drug treatment in pregnancy. Lancet 1:413, 21 Feb 70  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, etiology/  
\*DIPHENYLHYDANTOIN, adverse effects/  
EPILEPSY, drug therapy/ FEMALE/ HUMAN/  
INFANT, NEWBORN/ \*INFANT, NEWBORN,  
DISEASES, etiology/ MALE/  
\*MATERNAL-FETAL EXCHANGE/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, drug therapy
1307. Davis DO: Angiography of the nose and surrounding cavities. Ann Otol 79:579-83, Jun 70  
ANGIOGRAPHY/ \*ANGIOMA, SCLEROSING,  
radiography/ CAROTID ARTERIES/  
CATHETERIZATION/ CONTRAST MEDIA/  
HUMAN/ INJECTIONS, INTRA-ARTERIAL/  
METHODS/ \*NOSE NEOPLASMS, radiography
1308. Davis JW, Phillips PE: The effect of ethanol on human platelet aggregation in vitro. Atherosclerosis 11:473-7, May-Jun 70  
ADENINE NUCLEOTIDES/ \*ALCOHOL,  
ETHYL, pharmacodynamics/ \*BLOOD  
PLATELETS, drug effects/ COLLAGEN/  
DENSITOMETRY/ HUMAN/ IN VITRO/  
MALE/ NOREPINEPHRINE,  
pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/ SPECTRUM  
ANALYSIS
1309. Davis RD, Picoff RC: Low plasminogen levels and liver disease. Amer J Clin Path 52:661-5, Dec 69  
ADULT/ AGED/ ALCOHOLISM, enzymology/  
ANTINEOPLASTIC AGENTS, adverse effects/  
FEMALE/ HEART FAILURE, CONGESTIVE,  
enzymology/ HEPATITIS, INFECTIOUS,



# AUTHOR SECTION

- enzymology/ HEPATITIS, TOXIC, enzymology/  
HUMAN/ \*LIVER DISEASES, enzymology/  
LIVER FUNCTION TESTS/ LIVER  
NEOPLASMS, enzymology/ MALE/ NEOPLASM  
METASTASIS/ \*PLASMINOGEN, blood/  
PYRANS, adverse effects
1310. Davydov VA: Izmenenie nekotorykh pokazatelei  
svertyvalushchei sistemy krovi u bol'nykh  
khronicheskim limfoleikozom pri lechenii  
prednizolonom. Probl Gemat 14:60-1, Nov 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION,  
drug effects/ FEMALE/ HUMAN/  
\*LEUKEMIA, LYMPHOCYTIC, drug therapy/  
MALE/ MIDDLE AGE/ \*PREDNISOLONE,  
therapeutic use
1311. Daw E: Female circumcision and imfubilation  
complicating delivery. Practitioner 204:559-63, Apr 70  
ADHESIONS/ \*DELIVERY/ FEMALE/  
HUMAN/ POSTOPERATIVE COMPLICATIONS/  
PREGNANCY/ \*VULVA, surgery
1312. Dawe AR, Spurrier WA, Armour JA: Summer  
hibernation induced by cryogenically preserved blood  
"trigger". Science 168:497-8, 24 Apr 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION/  
COLD/ \*HIBERNATION/ RODENTS/  
\*SEASONS/ SQUIRRELS
1313. Dawson A: Antigenic markers on cultured human cells.  
3. The MN antigens. Vox Sang 17:393-405, Nov 69  
ABSORPTION/ \*AGGLUTINATION TESTS/  
ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS/ \*BLOOD GROUPS/ CELL LINE,  
immunology/ ERYTHROCYTES, immunology/  
FETUS/ HELA CELLS, immunology/  
HEMAGGLUTINATION TESTS/ HUMAN/  
IMMUNE SERUMS/ KIDNEY, immunology/  
LUNG, immunology/ MOUTH MUCOSA,  
immunology/ NEURAMINIDASE/ PLANT  
AGGLUTININS/ SERUM ALBUMIN, BOVINE/  
SKIN, immunology/ THYROID GLAND,  
immunology/ \*TISSUE CULTURE/ TRYPSIN
1314. Dawson AA, Ogston D: Exercise-induced  
thrombocytosis. Acta Haemat (Basel) 42:241-6, 1969  
ADOLESCENCE/ ADULT/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ \*EXERTION/  
FEMALE/ HUMAN/ MALE/ PROPRANOLOL,  
pharmacodynamics/ SPLENECTOMY/  
\*THROMBOCYTOSIS, etiology
1315. Dawson AA, Ogston D: The influence of the platelet  
count on the incidence of thrombotic and  
haemorrhagic complications in polycythaemia vera.  
Postgrad Med J 46:76-8, Feb 70  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
\*HEMORRHAGE, etiology/ HUMAN/  
\*POLYCYTHEMIA, complications/  
THROMBOCYTOSIS, complications/  
\*THROMBOSIS, etiology
1316. Dawson LE, Wells GH: Tenderness of freeze-dried  
chicken treated with proteolytic enzymes.  
Poult Sci 48:64-70, Jan 69  
\*CHICKENS/ \*FREEZING/ HYDROGEN-ION  
CONCENTRATION/ \*MEAT/ \*PEPTIDE  
HYDROLASES/ TEMPERATURE
1317. Dawson RB Jr, Ellis TJ: Hemoglobin function of blood  
stored at 4 C in ACD and CPD with adenine and  
inosine. Transfusion 10:113-20, May-Jun 70  
ACIDS/ ADENINE, pharmacodynamics/  
ADENOSINE TRIPHOSPHATE, blood/  
ANTICOAGULANTS/ BIOLOGICAL  
TRANSPORT/ BLOOD GAS ANALYSIS/  
\*BLOOD PRESERVATION/ CITRATES/  
ERYTHROCYTES, analysis/ GLUCOSE/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
blood/ GLYCEROPHOSPHATES,  
pharmacodynamics/ \*HEMOGLOBIN,  
metabolism/ HEMOGLOBINOMETRY/ HUMAN/  
MALE/ NUCLEOSIDES, pharmacodynamics/  
OXYGEN CONSUMPTION/ PHOSPHATES
1318. Dawson RB Jr, Kocholaty WF, Shields CE, et al: The  
hemoglobin function of blood stored at 4 degrees C.  
Rep No 836. US Army Med Res Lab 1-11, 1 Oct 69
- ACIDS/ ANTICOAGULANTS/ BIOLOGICAL  
TRANSPORT/ \*BLOOD PRESERVATION/  
CITRATES/ GLUCOSE/  
GLYCEROPHOSPHATES, metabolism/  
HEMOGLOBIN, metabolism/ \*HEMOGLOBIN,  
physiology/ HUMAN/ OXYGEN/ PHOSPHATES
1319. Day AJ, Wahlqvist ML: Localization by  
autoradiography of phospholipid synthesis in rabbit  
atherosclerotic aorta.  
Exp Molec Path 11:263-74, Dec 69  
ANIMAL EXPERIMENTS/ \*AORTA,  
metabolism/ \*AORTIC DISEASES, metabolism/  
\*ARTERIOSCLEROSIS, metabolism/ CARBON  
ISOTOPES/ CHOLESTEROL, metabolism/  
CHOLINE, metabolism/ CHROMATOGRAPHY,  
THIN LAYER/ DIET, ATHEROGENIC/  
EPITHELIUM, metabolism/  
HISTOCYTOCHEMISTRY/ IN VITRO/  
LECITHINS, biosynthesis/ OLEIC ACID,  
metabolism/ \*PHOSPHOLIPIDS, biosynthesis/  
RABBITS/ \*RADIOAUTOGRAPHY/ TIME  
FACTORS/ TRITIUM
1320. Day HJ, Holmsen H, Hovig T: Subcellular particles of  
human platelets. A biochemical and electron  
microscopic study with particular reference to the  
influence of fractionation techniques.  
Scand J Haemat Suppl 7:3-35, 1969  
ACID PHOSPHATASE, analysis/ BLOOD  
PLATELETS, analysis/ \*BLOOD PLATELETS,  
cytology/ BLOOD PLATELETS, enzymology/  
BLOOD PROTEINS, analysis/ CATHEPSIN,  
analysis/ CENTRIFUGATION, analysis/  
GRADIENT/ CYTOCHROME OXIDASE,  
analysis/ GALACTOSIDASE, analysis/  
GLUCURONIDASE, analysis/ GLYCOSIDE  
HYDROLASES, analysis/ HUMAN/  
HYDROXYBUTYRATE DEHYDROGENASE,  
analysis/ LACTATE DEHYDROGENASE,  
analysis/ LYSOSOMES, enzymology/  
MANNANOSE/ MICROSCOPY, ELECTRON/  
NUCLEOTIDASES, analysis/ SEROTONIN,  
analysis/ SULFATASES, analysis
1321. Day PL: Lateral approach for lumbar diskogram and  
chemonucleolysis. Clin Orthop 67:90-3, Nov-Dec  
CONTRAST MEDIA/ HUMAN/ INJECTIONS/  
\*INTERVERTEBRAL DISK/  
INTERVERTEBRAL DISK, radiography/  
\*LUMBAR VERTEBRAE, radiography/  
METHODS/ \*PEPTIDE PEPTIDOHYDROLASE  
therapeutic use/ \*SPINAL DISEASES, drug  
therapy/ SPINAL DISEASES, radiography
1322. Dbjay H, Trémoulet J, Pecout C, et al: Une observati  
de paralysie crurale par hématome traumatique e  
psaos iliaque. J Chir (Paris) 99:511-22, May-Jun 70 (F  
ACCIDENTS, TRAFFIC/ ADOLESCENCE/  
FEMALE/ \*FEMORAL NERVE/ \*HEMATOMA  
complications/ HEMATOMA, diagnosis/  
HEMATOMA, pathology/ HEMATOMA, surgery/  
HUMAN/ \*ILIUM/ MALE/ MIDDLE AGE/  
MUSCULAR DISEASES, complications/  
\*PARALYSIS, etiology/ WOUNDS AND  
INJURIES, complications
1323. De Benedetti H: Quattordici anni di esperien  
nell'impiego di una garza emostatica e riassorbib  
nella "prostatectomia transvescicale".  
Minerva Chir 23:349-56, 15 Apr 68  
ENGLISH ABSTRACT/ HEMOSTASIS/  
\*HEMOSTATICS/ HUMAN/ MALE/  
\*PROSTATECTOMY/ SURGICAL  
INSTRUMENTS/ \*SURGICAL MESH/  
\*UROLOGIC DISEASES, surgery
1324. De Biasi R, Mastursi B, Menna F, et al: Rili  
tromboelastografici nelle sindromi occlusive  
retiniche. Minerva Oftal 11:117-9, Jul-Aug 69 (I  
AGED/ \*BLOOD COAGULATION DISORDER  
ENGLISH ABSTRACT/ \*EYE DISEASES/  
HUMAN/ MIDDLE AGE/ \*RETINAL  
VESSELS/ THROMBELASTOGRAPHY/  
\*VASCULAR DISEASES
1325. DeBlanc HJ Jr, Chretien P: Angiofibroma clinic  
indistinguishable from carotid body tumor. A poss  
embryologic relationship.  
Amer J Surg 119:743-5, Jun 70



# AUTHOR SECTION

- ADULT/ \*ANGIOMA, SCLEROSING, diagnosis/  
CAROTID ARTERIES, radiography/ \*CAROTID  
ARTERY DISEASES, diagnosis/ \*CAROTID  
BODY TUMOR, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ HUMAN/ MALE/  
NEOPLASMS, diagnosis
1326. De Brito T, Barone AA, Faria RM: Human liver biopsy  
in *P. falciparum* and *P. vivax* malaria. A light and  
electron microscopy study.  
Virchow Arch [Path Anat] 348:220-9, 1969  
ADOLESCENCE/ ADULT/ BILE DUCTS,  
INTRAHEPATIC, pathology/ BIOPSY/ BLOOD  
COAGULATION DISORDERS, pathology/  
ENDOPLASMIC RETICULUM/  
ERYTHROCYTES/ FEMALE/ HUMAN/  
LIVER, pathology/ \*MALARIA, pathology/  
MALE/ MICROSCOPY, ELECTRON/ MIDDLE  
AGE/ MITOCHONDRIA, LIVER/  
PHAGOCYTOSIS/ \*PLASMODIUM  
FALCIPARUM/ \*PLASMODIUM VIVAX
1327. De Cataldo F, Baudo F, Bussi L: Factor XIII-inhibitory  
activity of normal plasma and cysteine.  
Haemat Lat 12:191-2, Apr-Jun 69  
\*BLOOD/ \*CYSTEINE, pharmacodynamics/  
\*FACTOR XIII, antagonists & inhibitors/  
FIBRINOGEN, metabolism/ HUMAN
1328. Dechaume M, Payen J, Scheffer P, et al: Naevus  
épithélial bénin de la muqueuse buccale (White  
sponge nevus)  
Rev Stomat (Paris) 70:409-15, Sep 69 (Fre)  
ADOLESCENCE/ ANGIOMATOSIS,  
complications/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ ERYTHEMA, complications/  
FEMALE/ HUMAN/ INCISOR, radiography/  
\*MOUTH DISEASES/ \*NEVUS/ NEVUS,  
complications/ NEVUS, diagnosis/ NEVUS,  
pathology/ NEVUS, surgery/  
TELANGIECTASIS, complications/ TOOTH  
ABNORMALITIES, complications
1329. Dechavanne M: Note bibliographique: sérotonine et  
plaquettes normales chez l'homme adulte.  
Lyon Med 223:1073, 24 May 70 (Fre)  
ADULT/ \*BLOOD PLATELETS/ BLOOD  
PLATELETS, analysis/ BLOOD PLATELETS,  
physiology/ HUMAN/ \*SEROTONIN, blood/  
SEROTONIN, metabolism
1330. De Clercq E, Merigan TC: An active interferon inducer  
obtained from *Hemophilus influenzae* type B.  
J Immun 103:899-906, Nov 69  
ANIMAL EXPERIMENTS/ CENTRIFUGATION,  
DENSITY GRADIENT/  
DEOXYRIBONUCLEASE/ ENDOTOXINS/  
ENDOTOXINS, analysis/ HAEMOPHILUS  
INFLUENZAE, analysis/ \*HAEMOPHILUS  
INFLUENZAE, immunology/ HEPTOSES,  
analysis/ IN VITRO/ \*INTERFERON,  
biosynthesis/ MICE/ PENTOSE, analysis/  
RIBONUCLEASE/ SALMONELLA, immunology/  
SHWARTZMAN PHENOMENON/ TISSUE  
EXTRACTS/ VINCENT'S INFECTION/ VIRUS  
INHIBITORS/ VIRUSES, immunology
1331. Dedichen J, Vystyd J: Kininase activity of plasma from  
patients with arteriosclerosis, diabetes and hepatitis.  
Scand J Clin Lab Invest Suppl 107:125+, 1969  
\*ARTERIOSCLEROSIS, enzymology/  
BRADYKININ, blood/ \*DIABETES MELLITUS,  
enzymology/ FEMALE/ \*HEPATITIS,  
enzymology/ HUMAN/ IN VITRO/ \*PEPTIDE  
HYDROLASES, blood/ RATS
1332. Dedichen J, Vystyd J: Kininase activity of plasma from  
patients with arteriosclerosis, diabetes and hepatitis.  
Scand J Clin Lab Invest 24:Suppl 107:125+, 1969  
\*ARTERIOSCLEROSIS, enzymology/  
BRADYKININ, blood/ \*DIABETES MELLITUS,  
enzymology/ FEMALE/ \*HEPATITIS,  
enzymology/ HUMAN/ IN VITRO/ \*PEPTIDE  
HYDROLASES, blood/ RATS
1333. De Falco RJ: Immunologic studies of untreated and  
chemically modified bovine carotid arteries.  
J Surg Res 10:95-100, Feb 70  
ANAPHYLAXIS/ ANIMAL EXPERIMENTS/  
\*ANTIGENS/ \*ARTERIES, transplantation/  
CAROTID ARTERIES/ CATTLE/ CYSTEINE/  
DOGS/ GEL DIFFUSION TESTS/  
HEMAGGLUTINATION TESTS/ HUMAN/  
PASSIVE CUTANEOUS ANAPHYLAXIS/  
\*PEPTIDE PEPTIDOHYDROLASES/  
PRECIPITIN TESTS/ STARCH/ \*TANNING/  
TRANSPLANTATION, HETEROLOGOUS/  
\*TRANSPLANTATION IMMUNOLOGY
1334. Degos R, Civatte J, Larrègue M, et al: Xanthomatose  
cutanéotendineuse hypercholestérolémique  
familiale.  
Bull Soc Franc Derm Syph 76:781-4, 1969 (Fre)  
ARTERIOSCLEROSIS, etiology/ CHILD/ DIET,  
ATHEROGENIC/ HUMAN/  
HYPERCHOLESTEREMIA, drug therapy/  
\*HYPERLIPEMIA, ESSENTIAL FAMILIAL/  
MALE/ NICOTINIC ACID, therapeutic use/  
\*XANTHOMATOSIS, familial & genetic
1335. Dehner LP, Smith BH: Soft tissue tumors of the penis.  
A clinicopathologic study of 46 cases.  
Cancer 25:1431-47, Jun 70  
ADOLESCENCE/ ADULT/ AGED/ ANGIOMA,  
SCLEROSING/ ANGIOSARCOMA/ CHILD/  
CHILD, PRESCHOOL/ FIBROMA/  
FIBROSARCOMA/ GLOMANGIOMA/  
HEMANGIOMA/ HEMANGIOMA, CAVERNOUS/  
HUMAN/ INFANT, NEWBORN/ LEIOMYOMA/  
LEIOMYOSARCOMA/ LYMPHANGIOMA/  
\*LYMPHOMA, pathology/ MALE/  
MESENCHYMOMA/ MIDDLE AGE/  
MYOBLASTOMA/ \*NEOPLASMS, CONNECTIVE  
TISSUE, pathology/ \*NEOPLASMS,  
EMBRYONAL AND MIXED, pathology/  
\*NEOPLASMS, MUSCLE TISSUE, pathology/  
\*NEOPLASMS, NERVOUS TISSUE, pathology/  
\*NEOPLASMS, VASCULAR TISSUE, pathology/  
NEURILEMMOMA/ NEUROFIBROMA/  
\*PENILE NEOPLASMS, pathology/ SARCOMA,  
KAPOSI'S/ SARCOMA, RETICULUM CELL
1336. Deiss A, Kurth D: Circulating reticulocytes in normal  
adults as determined by the new methylene blue  
method. Amer J Clin Path 53:481-4, Apr 70  
ADULT/ AGE FACTORS/ ANEMIA,  
HEMOLYTIC, ACQUIRED, blood/ ANEMIA,  
SICKLE CELL/ \*ERYTHROCYTE COUNT/  
FEMALE/ HUMAN/ MALE/ METHODS/  
\*METHYLENE BLUE/ PURPURA,  
THROMBOGENIC, blood/ \*RETICULOCYTES/  
SEX FACTORS/ STAINS AND STAINING
1337. Deisseroth A, Wolfe SM, Shulman NR: Platelet  
phosphorylase activity in the presence of activators  
and inhibitors of aggregation.  
Biochem Biophys Res Commun 39:551-7, 11 May 70  
ADENINE NUCLEOTIDES, metabolism/  
ADENINE NUCLEOTIDES, pharmacodynamics/  
BLOOD COAGULATION/ \*BLOOD  
PLATELETS, enzymology/ EPINEPHRINE,  
pharmacodynamics/ FLUORIDES,  
pharmacodynamics/  
\*GLUCOSYLTRANSFERASES, metabolism/  
HUMAN/ ISOPROTERENOL,  
pharmacodynamics/ PROSTAGLANDINS,  
pharmacodynamics/ THROMBIN,  
pharmacodynamics/ ULTRACENTRIFUGATION
1338. Deisseroth A, Wolfe SM, Shulman NR: Platelet  
phosphorylase activity in the presence of activators  
and inhibitors of aggregation.  
Biochem Biophys Res Commun 40:551-7, 13 Jul 70  
ADENINE NUCLEOTIDES, metabolism/  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
pharmacodynamics/ \*BLOOD PLATELETS,  
enzymology/ EPINEPHRINE,  
pharmacodynamics/ FLUORIDES,  
pharmacodynamics/  
\*GLUCOSYLTRANSFERASES, metabolism/  
HUMAN/ ISOPROTERENOL,  
pharmacodynamics/ METABOLISM, drug  
effects/ PLATELET ADHESIVENESS, drug  
effects/ \*PROSTAGLANDINS,  
pharmacodynamics/ THROMBIN,  
pharmacodynamics
1339. Delaire J, Billet J, Landais H: Hémorragie dentaire et  
cancer de la prostate.



# AUTHOR SECTION

- Rev Stomat (Paris) 71:152-6, Mar 70 (Fre)  
 AGED/ \*BLOOD COAGULATION DISORDERS,  
 etiology/ HEMOLYSIS/ \*HEMORRHAGE,  
 ORAL, etiology/ HUMAN/ M'LE/  
 \*PROSTATIC NEOPLASMS, complications/  
 \*TOOTH EXTRACTION
1340. DeLange RJ: Egg white avidin. I. Amino acid composition; sequence of the amino- and carboxyl-terminal cyanogen bromide peptides. J Biol Chem 245:907-16, 10 Mar 70  
 AMINO ACID SEQUENCE/ \*AMINO ACIDS, analysis/ CHEMISTRY/ CHYMOTRYPSIN/ CYANIDES/ GEL FILTRATION/ GLUCOSAMINE, analysis/ MANNOSE, analysis/ METHODS/ \*OVALBUMIN/ OVALBUMIN, analysis/ OVALBUMIN, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES/ \*PEPTIDES, analysis/ TRYPSIN
1341. DeLange RJ, Fambrough DM, Smith EL, et al: Calf and pea histone IV. 3. Complete amino acid sequence of pea seedling histone IV; comparison with the homologous calf thymus histone. J Biol Chem 244:5669-79, 25 Oct 69  
 AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANHYDRIDES/ ARGININE/ AUTOANALYSIS/ CATTLE/ CHEMISTRY/ GEL FILTRATION/ \*HISTONES/ HISTONES, analysis/ ISOLEUCINE/ LYSINE/ MALEATES/ METHODS/ \*PEPTIDES/ PEPTIDES, isolation & purification/ \*PLANTS/ PLANTS, analysis/ SPECIES SPECIFICITY/ \*THYMUS GLAND/ THYMUS GLAND, analysis/ TRYPSIN/ VALINE
1342. DeLange RJ, Glazer AN, Smith EL: Identification and location of epsilon-N-trimethyllysine in yeast cytochromes c. J Biol Chem 245:3325-7, 10 Jul 70  
 ASCOMYCETES, analysis/ CANDIDA, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ \*CYTOCHROMES, analysis/ \*LYSINE, analysis/ \*SACCHAROMYCES, analysis
1343. Delarue J, Diebold J: Application du pouvoir hémolysant de la saponine à l'étude histologique de la rate. Ann Anat Path (Paris) 14:343-6, Jul-Sep 69 (Fre)  
 ENGLISH ABSTRACT/ HEMOLYSIS/ \*HISTOLOGICAL TECHNIQUES/ HUMAN/ PURPURA, THROMBOPENIC, pathology/ \*SAPONINS/ \*SPLEEN, pathology
1344. Del Campo A: Physiological changes of the vaccinated organism: a basis for the interpretation of the clinical complications due to prophylactic vaccines. Progr Immunobiol Stand 3:280-4, 1969  
 ADAPTATION, PHYSIOLOGICAL/ ADRENAL GLAND HYPERFUNCTION, etiology/ ALANINE AMINOTRANSFERASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ASPARTATE AMINOTRANSFERASE, metabolism/ \*BACTERIAL VACCINES, adverse effects/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PROTEIN DISORDERS, etiology/ BLOOD SUGAR/ CHILD/ CHOLESTEROL, blood/ COMPLEMENT/ ELECTROLYTES/ EOSINOPHILS/ HUMAN/ HYPERLIPIDEMIA, etiology/ LEUKOCYTOSIS, etiology/ LYMPHOPENIA, etiology/ MURAMIDASE, metabolism/ NEUROLOGIC MANIFESTATIONS/ PHAGOCYTOSIS/ PROPERDIN, metabolism/ THROMBOCYTOSIS, etiology/ \*TOXOIDS, adverse effects/ TRANSFERRIN/ \*VACCINATION, adverse effects/ \*VIRAL VACCINES, adverse effects
1345. Del Castillo LM, Dávila G, Dorantes L, et al: The influence of a free alpha-ammonium group in the substrate upon trypsin-catalyzed transesterification. Biochim Biophys Acta 191:354-61, 4 Nov 69  
 ALCOHOL, ETHYL/ \*AMMONIUM COMPOUNDS/ \*ARGININE/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ ESTERS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ \*LYSINE/ METHODS/ SPECTROPHOTOMETRY/ STEREOISOMERS/ TEMPERATURE/ TIME FACTORS/ \*TRYPSIN
1346. Delhaes P: Interprétation de la variation thermique, entre 11 et 300 degré K, de la chaleur spécifique de deux protéines: l'insuline et le chymotrypsinogène A de bœuf. C R Acad Sci [D] (Paris) 270:1522-5, 16 Mar 70 (Fre)  
 CATTLE/ \*CHYMOTRYPSIN, analysis/ \*ENZYME PRECURSORS/ \*INSULIN, analysis/ \*MODELS, CHEMICAL/ PROTEINS, analysis/ \*TEMPERATURE
1347. Delin A, Olsson P, Swedenborg J, et al: Die periphere vasodilatatorische Aktivität des Thrombins. Folia Haemat (Leipzig) 92:558-66, 1969 (Ger)  
 ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, physiology/ BLOOD PRESSURE/ BRADYKININ, pharmacodynamics/ DOGS/ FEMORAL ARTERY/ HISTAMINE, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ NUCLEOSIDES, pharmacodynamics/ SEROTONIN, pharmacodynamics/ \*THROMBIN, physiology/ \*VASODILATOR AGENTS
1348. Dellacha JM, Enero MA, Santomé JA, et al: Isolation characterization and C-terminal sequence of ovine growth hormone. Europ J Biochem 12:289-95, Feb 70  
 ALCOHOL, ETHYL/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BORATES/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ MOLECULAR WEIGHT/ \*PEPTIDES/ PEPTIDES, isolation & purification/ PITUITARY GLAND/ PRECIPITATION/ SHEEP/ \*SOMATOTROPIN/ TRYPSIN/ ULTRACENTRIFUGATION
1349. Della Corte E, Gozzetti G, Novello F, et al: Properties of the xanthine oxidase from human liver. Biochim Biophys Acta 191:164-6, 30 Sep 69  
 ADULT/ AGED/ BIOPSY/ CHEMISTRY/ CHOLECYSTITIS, enzymology/ FEMALE/ HUMAN/ \*LIVER, enzymology/ MALE/ METHYLENE BLUE/ MIDDLE AGE/ NAD/ OXYGEN/ PEPTIC ULCER, enzymology/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ \*XANTHINE OXIDASE/ XANTHINES
1350. Della Valle A, Heer G, Simonetti A: L'uso dell'alfa-chimotripsina nella crioestrazione. G Batt Virol Immun 60:325-8, May-Aug 67 (It)  
 AGE FACTORS/ CATARACT, complications/ \*CATARACT EXTRACTION/ CHYMOTRYPSIN/ \*CRYOGENIC SURGERY/ DIABETES MELLITUS, complications/ \*ENZYMATIC ZONULOLYSIS/ GLAUCOMA, complications/ HUMAN/ MYOPIA, complications
1351. Dellenback RJ, Chien S: The extinction coefficient of fibrinogen from man, dog, elephant, sheep, and goat. 280 mμ. Proc Soc Exp Biol Med 134:353-5, May 1969  
 ANIMAL EXPERIMENTS/ CITRATES/ \*DOG/ \*ELEPHANTS/ \*FIBRINOGEN, analysis/ \*GOATS/ HUMAN/ \*SHEEP/ \*SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ \*SPECTRUM ANALYSIS
1352. Delmas-Marsalet Y, Parquet-Gerner A, Bauters F, et al: Anémies hémolytiques dues à la plasmathérapie des les hémophiles. Rev Franc Transfus 12:351-60, Sep 69 (F)  
 \*ABO FACTORS/ \*ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ BLOOD GROUP INCOMPATIBILITY/ \*BLOOD TRANSFUSION COOMBS' TEST/ ENGLISH ABSTRACT/ \*HEMOPHILIA, therapy/ HUMAN/ MALE/ \*PLASMA
1353. Delobel J, Caen J: Bilan actuel de l'utilisation immuno-suppresseurs dans le traitement des purpuras thrombopéniques idiopathiques chroniques. Nouv Rev Franc Hemat 10:269-74, Mar-Apr 70 (F)  
 ADRENAL CORTEX HORMONES, therapeutic use/ AZATHIOPRINE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ HUMAN/ \*IMMUNOSUPPRESSIVE



# AUTHOR SECTION

- AGENTS, therapeutic use/  
MERCAPTOPURINE, therapeutic use/  
\*PURPURA, THROMBOPENIC, drug therapy
1354. Delort-Laval J, Viroben G: Taux et disponibilité de la lysine et de la tyrosine dans les protéines protégées par certaines substances tannantes (formaldéhyde, extrait tannant de châtaignier) contre la désamination en milieu de rumen. C R Acad Sci [D] (Paris) 269:1558-61, 20 Oct 69 (Fre)  
\*DIETARY PROTEINS, analysis/  
FORMALDEHYDE/ \*LYSINE, analysis/  
PEPSIN/ PLANT EXTRACTS/ PROTEIN  
HYDROLYSATES/ \*RUMEN, metabolism/  
RUMEN, microbiology/ SOLUBILITY/ SOY  
BEANS/ \*TANNING/ TRYPSIN/ \*TYROSINE, analysis/ WOOD
1355. Del Prete S, Doglia M, Ajdukiewicz A, et al: Detection of a new serum-antigen in three epidemics of short-incubation hepatitis. Lancet 2:579-81, 19 Sep 70  
ADOLESCENCE/ ADULT/ ANTIBODIES/  
\*ANTIGENS, analysis/ BLOOD  
PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD,  
PRESCHOOL/ DISEASE OUTBREAKS/  
ENGLAND/ GEL DIFFUSION TESTS/  
HEPATITIS ASSOCIATED ANTIGEN, analysis/  
HEPATITIS, HOMOLOGOUS SERUM,  
immunology/ \*HEPATITIS, INFECTIOUS,  
immunology/ HUMAN/ ITALY
1356. Demaille J, Vignais PM, Vignais PV: Apport d'un nouvel inhibiteur, la fuscine, dans l'étude des chaînes respiratoires de mitochondries animales et de mitochondries de levures. Europ J Biochem 13:416-27, Apr 70 (Fre)  
ANIMAL EXPERIMENTS/ BINDING SITES/  
CANDIDA, enzymology/ CATTLE/  
CYTOCHROMES, metabolism/  
DINITROPHENOLS, pharmacodynamics/  
ELECTRON TRANSPORT, drug effects/  
ENGLISH ABSTRACT/ FLAVINS/  
GLUTAMATES, metabolism/ IRON,  
pharmacodynamics/ MITOCHONDRIA, drug effects/ \*MITOCHONDRIA, enzymology/  
MITOCHONDRIA, LIVER, enzymology/  
MITOCHONDRIA, MUSCLE, enzymology/ NAD,  
metabolism/ NUCLEAR MAGNETIC  
RESONANCE/ OXIDATIVE  
PHOSPHORYLATION, drug effects/  
\*OXIDOREDUCTASES,  
antagonists & inhibitors/ PYRUVATES,  
metabolism/ RATS/ ROTENONE,  
pharmacodynamics/ SACCHAROMYCES,  
enzymology/ SUCCINATE DEHYDROGENASE,  
metabolism/ SUCCINATES, metabolism/  
UBIQUINONE, metabolism/ VITAMIN K,  
pharmacodynamics
1357. Demailly P, Ortiz Olmedo A: Glaucome secondaire par fermeture de l'angle. Arch Ophtal (Paris) 30:141-6, Feb 70 (Fre)  
ADULT/ AGED/ CHOROID, injuries/  
CHOROID NEOPLASMS, complications/ EYE  
INJURIES/ FEMALE/ \*GLAUCOMA, etiology/  
GLAUCOMA, therapy/ HEMATOMA/ HUMAN/  
LENS, CRYSTALLINE/ MIDDLE AGE
1358. Demange J: Les cytopénies médicamenteuses. Maroc Med 49:846-8, Nov 69 (Fre)  
\*BLOOD PLATELET DISORDERS, chemically induced/ \*DRUG THERAPY, adverse effects/  
HUMAN
1359. Demange J, Berbic A, Hassar, et al: Splénomégalias congestives "méditerranéennes" et coagulopathie de consommation. I. Caractères généraux des troubles de coagulation sanguine observés dans les "splénomégalias méditerranéennes". Ann Med Intern (Paris) 120:827-33, Dec 69 (Fre)  
ADULT/ ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ BLOOD COAGULATION  
DISORDERS, drug therapy/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION DISORDERS, surgery/ BLOOD  
COAGULATION TESTS/ FACTOR V  
DEFICIENCY, etiology/ FEMALE/  
FIBRINOLYSIS/ HUMAN/  
HYPOPROTHROMBINEMIAS, etiology/ LIVER
- CIRRHOSIS, complications/ MALE/  
SPLENECTOMY/ \*SPLENOMEGALY,  
complications
1360. Démant F, Mydlík M, Kahanec D, et al: Terapeutický význam peritoneální dialýzy při hemolyticko-uremickom syndróme dojčiat. Cesk Pediat 25:316-9, Jul 70 (Slo)  
AGE FACTORS/ \*ANEMIA, HEMOLYTIC,  
therapy/ ENGLISH ABSTRACT/ HUMAN/  
INFANT/ \*KIDNEY FAILURE, ACUTE,  
therapy/ \*PERITONEAL DIALYSIS, standards/  
\*THROMBOPENIA, therapy
1361. Demos J: La détection des porteuses saines du trait myopathique dans la myopathie humaine. Ann Genet (Paris) 12:191-201, Sep 69 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
BIOPSY/ BLOOD CIRCULATION TIME/  
BLOOD PLATELETS, enzymology/ \*CREATINE  
KINASE, blood/ DOPA, metabolism/  
ELECTROMYOGRAPHY/ ELECTROPHORESIS/  
EPINEPHRINE, metabolism/ FEMALE/  
GENES, DOMINANT/ GENES, RECESSIVE/  
HETEROZYGOTE/ HUMAN/ MALE/ MIDDLE  
AGE/ MUSCULAR DISEASES, diagnosis/  
\*MUSCULAR DISEASES, familial & genetic/  
MUTATION/ PEDIGREE/ SEASONS/ SEX  
CHROMOSOMES/ SEX FACTORS
1362. Dempsey EF, Murley RS: Vascular malformations simulating salivary disease. Brit J Plast Surg 23:77-84, Jan 70  
ADULT/ \*ANGIOMATOSIS, diagnosis/ CHILD/  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
\*HEMANGIOMA, diagnosis/ HUMAN/ LEG,  
radiography/ PAROTID GLAND, radiography/  
SALIVARY DUCT CALCULI, diagnosis/  
\*SALIVARY GLAND DISEASES, diagnosis/  
SIALOGRAPHY
1363. Dempsey EW, Lessey RA, Luse SA: Electron microscopic observations on fibrinoid and histiocyte in the junctional zone and villi of the human placenta. Amer J Anat 128:463-84, Aug 70  
ADULT/ BLOOD COAGULATION/  
CYTOPLASM/ CYTOPLASMIC GRANULES/  
FEMALE/ FETAL HEMOGLOBIN/ FETAL  
MEMBRANES, cytology/ FIBRIN/ HUMAN/  
LEUKOCYTES/ \*MATERNAL-FETAL  
EXCHANGE/ MITOCHONDRIA/  
PHAGOCYTOSIS/ PINOCYTOSIS/ \*PLACENTA,  
cytology/ PREGNANCY/ TROPHOBLAST,  
cytology
1364. Denduchis B, Kefalides NA, Bezkorovainy A: The chemistry of sheep anterior lens capsule. Arch Biochem 138:582-9, Jun 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CARBOHYDRATES, analysis/  
CHROMATOGRAPHY, PAPER/ COLLAGEN,  
analysis/ FUCOSE, analysis/ GALACTOSE,  
analysis/ GLUCOSE, analysis/ GLYCINE,  
analysis/ GLYCOPROTEINS, analysis/  
HEXOSAMINES, analysis/ HYDROXYPROLINE,  
analysis/ \*LENS, CRYSTALLINE, analysis/  
LYSINE, analysis/ MANNOSE, analysis/  
MOLECULAR WEIGHT/ NEURAMINIC ACIDS,  
analysis/ PEPsin/ PEPTIDE HYDROLASES/  
SHEEP/ VISCOSITY
1365. Denev B: A contribution to the aetiopathogenesis and treatment of acute thrombophlebitis. J Cardiovasc Surg (Torino) 10:362-5, Sep-Oct 69  
\*AIR IONIZATION/ BISHYDROXYCOUMARIN,  
therapeutic use/ \*DIURETICS,  
therapeutic use/ FEMALE/ HUMAN/ MALE/  
PHENYLBUTAZONE, therapeutic use/  
PROTHROMBIN TIME/ SEASONS/  
\*THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, etiology
1366. Denimal C, Blamoutier J: Place des anticoagulants dans le traitement des artérites des membres inférieurs. Therapeutique 46:195-7, Feb 70 (Fre)  
AGED/ \*ANTICOAGULANTS, therapeutic use/  
\*ARTERITIS, drug therapy/ HUMAN/ \*LEG,  
blood supply/ MALE/ MIDDLE AGE/  
PATIENT CARE PLANNING



# AUTHOR SECTION

1367. Denk H, Förster O, Kovac W, et al: Histologische und Immunfluoreszenz-Untersuchungen über die Hemmung der direkten passiven Arthusreaktion (DPA) in Rattenpfoten durch Benadryl und Trasylol. Z Immunitätsforsch 139:25-42, Dec 69 (Ger)  
ANIMAL EXPERIMENTS/ ANTIGENS/ ARTHUS PHENOMENON, immunology/ \*ARTHUS PHENOMENON, prevention & control/ CAPILLARIES, drug effects/ CELL AGGREGATION, drug effects/ CHICKENS/ \*DIPHENHYDRAMINE, pharmacodynamics/ ENGLISH ABSTRACT/ \*FLUORESCENT ANTIBODY TECHNIC/ FORELIMB, immunology/ \*FORELIMB, pathology/ HEMOSTASIS/ IMMUNE SERUMS/ IMMUNITY, PASSIVE/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LEUKOCYTES, immunology/ LYSOSOMES/ MONOCYTES, immunology/ OVALBUMIN/ PHAGOCYTOSIS/ RATS/ SKIN, immunology/ SKIN, pathology
1368. Denk R: Elektrokardiographische Untersuchungen bei Hautkranken. Arch Kreislaufrorsch 60:33-114, Oct 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ AMYLOIDOSIS, complications/ ANGIOKERATOMA, complications/ CHILD/ COLLAGEN DISEASES, complications/ DERMATITIS HERPETIFORMIS, complications/ ECZEMA, complications/ EHLERS-DANLOS SYNDROME, complications/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ ERYTHEMA, complications/ FEMALE/ \*HEART DISEASES, diagnosis/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ KERATOSIS, complications/ LENTIGO, complications/ MALE/ MIDDLE AGE/ MYOCARDITIS/ PEMPHIGUS, complications/ PSEUDOXANTHOMA ELASTICUM, complications/ \*SKIN DISEASES, complications/ SKIN DISEASES, INFECTIOUS, complications/ SKIN NEOPLASMS, complications/ TUBEROUS SCLEROSIS, complications/ URTICARIA, complications/ VASCULAR DISEASES, complications/ XANTHOMATOSIS, complications
1369. Denk R, Holzmann H, Ohler WG: Gesteigerte fibrinolytische Aktivität im Blut bei Epidermolysis bullosa hereditaria. Klin Wschr 47:1232-4, 15 Nov 69 (Ger)  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ EPIDERMOLYSIS BULLOSA, blood/ \*EPIDERMOLYSIS BULLOSA, familial & genetic/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ SERUM GLOBULINS/ TIME FACTORS
1370. Denman EJ, Denman AM, Greenwood BM, et al: Failure of cytotoxic drugs to suppress immune responses of patients with rheumatoid arthritis. Ann Rheum Dis 29:220-31, May 70  
ADOLESCENCE/ ADULT/ AGED/ ANTIBODY FORMATION/ ANTIGENS/ \*ANTINEOPLASTIC AGENTS, therapeutic use/ ARTHRITIS, JUVENILE RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, drug therapy/ \*ARTHRTIS, RHEUMATOID, immunology/ AZATHIOPRINE, therapeutic use/ CHILD/ CHLORAMBUCIL, therapeutic use/ ENDOTOXINS, pharmacodynamics/ FEMALE/ GAMMA GLOBULIN/ HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ PLANT AGGLUTININS/ RADIOAUTOGRAPHY/ SKIN TESTS/ SPECTRUM ANALYSIS/ STREPTOKINASE, pharmacodynamics/ TETANUS TOXOID
1371. Dennert G, Höglund S: Pyruvate dehydrogenase of Escherichia coli K 12. Europ J Biochem 12:502-7, Feb 70  
AMMONIUM COMPOUNDS/ CHEMISTRY, ANALYTICAL/ CRYSTALLIZATION/ CULTURE MEDIA/ ELECTROPHORESIS/ \*ESCHERICHIA COLI, enzymology/ HYDROGEN-ION CONCENTRATION/ METHODS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ \*OXIDOREDUCTASES, isolation & purification/ PRECIPITATION/ PROTAMINES/ PYRUVATES/ SPECTROPHOTOMETRY/ SULFATES/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS
1372. Dennis LH, Reisberg BE, Crosbie J, et al: The original haemorrhagic fever: yellow fever. Brit J Haemat 17:455-62, Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BODY TEMPERATURE/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HEPARIN/ LIVER, pathology/ MONKEYS/ PROTHROMBIN TIME/ SERUM GLOBULINS/ \*YELLOW FEVER, complications/ YELLOW FEVER, pathology
1373. Dennison WM: Hemangioma and lymphangioma. Indian J Pediat 36:366-9, Oct 69  
FACIAL NEOPLASMS, complications/ HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ LIP NEOPLASMS, complications/ LYMPHANGIOMA, complications/ \*LYMPHANGIOMA, surgery/ NECK NEOPLASMS, complications/ TONGUE NEOPLASMS, complications
1374. Denson KW: Abnormal forms of factor X. Lancet 2:1256, 6 Dec 69  
\*FACTOR X/ HUMAN/ \*HYPOPROTHROMBINEMIAS
1375. Denson KW, Rousseau WE: Separation of the coagulant components of Bothrops jararaca venom. Toxicon 8:15-9, May 70  
CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ FACTOR X/ FIBRINOGEN/ \*HEMOSTATICS, analysis/ \*SNAKES/ THROMBIN, analysis/ \*VENOMS, analysis
1376. Denton RL, Gourdeau R: Electroencephalographic patterns in hemophilia. Bibl Haemat 34:135-9, 1970  
\*CEREBRAL HEMORRHAGE, diagnosis/ CHILD, PRESCHOOL/ CONVULSIONS, etiology/ \*ELECTROENCEPHALOGRAPHY/ EMOTIONS/ HEMOPHILIA, complications/ \*HEMOPHILIA, physiopathology/ HEMORRHAGE, complications/ HUMAN/ INFANT/ INTELLIGENCE/ MALE
1377. Denucé JM: Histophoresis: electrophoretic separation of proteins contained in individual cryostat sections. Arch Int Physiol 77:960-1, Dec 69  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, analysis/ ELECTROPHORESIS, DISK/ FREEZING/ FROGS/ HISTOCYTOCHEMISTRY/ METHODS/ OVALBUMIN/ PANCREAS, analysis/ \*PROTEINS, analysis/ RODENTS/ TRYPSIN, analysis
1378. DePalma RG, Hubay CA, Robinson AV, et al: Regression of hypercholesterolemia and atherosclerosis: biliary diversion and dietary change in the dog. Surg Forum 20:392-3, 1969  
ANIMAL EXPERIMENTS/ \*ARTERIOSCLEROSIS, therapy/ \*BILE DUCT surgery/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ \*DIET THERAPY/ DOGS/ \*HYPERCHOLESTEREMIA, therapy/ MALE
1379. DePalma RG, Hubay CA, Insull W Jr, et al: Progression and regression of experimental atherosclerosis. Surg Gynec Obstet 131:633-47, Oct 70  
ANIMAL EXPERIMENTS/ \*ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, surgery/ AUTOPSY/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DOGS/ FEMORAL ARTERY, radiography/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERLIPEMIA, complications/ LAPAROTOMY/ MALE/ MIDDLE AGE/



## AUTHOR SECTION

- SMOKING, complications/ TIME FACTORS/  
TRIGLYCERIDES, blood
1380. Der Terrossian E, Pradel LA, Kassab R, et al: Comparative structural studies of the active site of ATP-guanidine phosphotransferases. The essential cysteine tryptic peptide of arginine kinase from *Homarus vulgaris* muscle. *Europ J Biochem* 11:482-90, Dec 69  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*ARGININE/ BINDING SITES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CREATINE KINASE, analysis/ CRUSTACEA/ CYSTEINE, analysis/ ELECTROPHORESIS/ ETHYLMALIMIDE/ GEL FILTRATION/ LEUCINE AMINOPEPTIDASE/ MUSCLES, enzymology/ PAPER/ PEPSIN/ \*PEPTIDES, analysis/ \*PHOSPHOTRANSFERASES, analysis/ TRYPSIN
1381. Derechin M, Möckel W, Barnard EA: Sedimentation equilibrium studies of some turtle chymotrypsins. *Biochim Biophys Acta* 191:379-85, 4 Nov 69  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*CHYMOTRYPSIN/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS/ GEL FILTRATION/ KETONES/ MOLECULAR WEIGHT/ \*PANCREAS, enzymology/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ SULFONIC ACIDS/ \*TURTLES/ ULTRACENTRIFUGATION
1382. Derkach EM: Deistvie antibiotika ochishchennogo neotsida na perifericheskuyu krov' laboratornykh zhivotnykh. *Antibiotiki* 15:274-8, Mar 70 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ ANTIBIOTICS, ANTINEOPLASTIC, toxicity/ \*BLOOD, drug effects/ BLOOD CELL COUNT/ \*BLOOD COAGULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ DEPRESSION, CHEMICAL/ DOGS/ ERYTHROCYTE COUNT/ ERYTHROCYTES, drug effects/ \*ERYTHROPOIESIS, drug effects/ \*HEMATOPOIESIS, drug effects/ HEMOGLOBIN, analysis/ LEUKOCYTE COUNT/ LEUKOCYTOSIS, chemically induced/ RATS/ RETICULOCYTES, drug effects/ STIMULATION, CHEMICAL
1383. Dern RJ, Wiorkowski JJ, Matsuda T: Studies on the preservation of human blood. V. The effect of mixing anticoagulated blood during storage on the poststorage erythrocyte survival. *J Lab Clin Med* 75:37-42, Jan 70  
ADENOSINE TRIPHOSPHATE, blood/ BLOOD COAGULATION/ \*BLOOD PRESERVATION/ CITRATES/ DRUG CONTAINERS AND CLOSURES/ DRUG STORAGE/ \*ERYTHROCYTES/ GLASS/ GLUCOSE/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ PHOSPHATES/ PLASTICS/ TIME FACTORS
1384. Derrick JB, Lind M, Rowe AW: Studies of the metabolic integrity of human red blood cells after cryopreservation. I. Effects of low-glycerol-rapid-freeze preservation on energy status and intracellular sodium and potassium. *Transfusion* 9:317-23, Nov-Dec 69  
ADENOSINE TRIPHOSPHATE, blood/ BIOLOGICAL TRANSPORT/ \*BLOOD PRESERVATION/ CELL MEMBRANE PERMEABILITY/ \*ERYTHROCYTES, metabolism/ \*FREEZING/ \*GLYCERIN/ HEMOGLOBINOMETRY/ HEMOLYSIS/ HUMAN/ OSMOTIC FRAGILITY/ \*POTASSIUM, blood/ \*SODIUM, blood
1385. Desai AJ, Dhala SA: Purification and properties of proteolytic enzymes from thermophilic actinomycetes. *J Bact* 100:149-55, Oct 69  
\*ACTINOMYCETES, enzymology/ BACTERIOLYSIS/ CASEIN/ ELECTROPHORESIS/ FERROCYNANIDES, pharmacodynamics/ FUNGI/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ IODINE, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ \*PEPTIDE HYDROLASES, isolation & purification/ POTASSIUM PERMANGANATE, pharmacodynamics/ TEMPERATURE
1386. Desmond J: Complications of transurethral prostatic surgery. *Canad Anaesth Soc J* 17:25-36, Jan 70  
AGE FACTORS/ AGED/ BLADDER, injuries/ BURNS, ELECTRIC/ CARDIOVASCULAR DISEASES/ GLYCINE, therapeutic use/ HEMORRHAGE, etiology/ HUMAN/ IRRIGATION, adverse effects/ MALE/ MIDDLE AGE/ PLASMINOGEN, physiology/ \*PROSTATECTOMY/ SEPTICEMIA/ URETHRA, surgery/ VASOCONSTRICTOR AGENTS, adverse effects
1387. Desolle H, Philbert M, Marin E, et al: Rarefaction importante des hématies ponctuées du saturnisme du fait de certains anticoagulants. *Arch Mal Prof* 31:230-6, Apr-May 70 (Fre)  
ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS/ ANTICOAGULANTS, pharmacodynamics/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES, ABNORMAL/ ERYTHROCYTES, ABNORMAL, drug effects/ GUINEA PIGS/ \*LEAD POISONING, blood/ LEAD POISONING, diagnosis/ MALE
1388. De Soldati L, Castro CM, Grilli H, et al: Ensayos clínicos con piridinolcarbamato sobre la circulación arterial y la coagulación de la sangre en pacientes con aterosclerosis obliterante. *Prensa Med Argent* 56:546-53, 23 May 69 (Spa)  
ADULT/ AGED/ \*ARTERIOSCLEROSIS OBLITERANS, drug therapy/ \*BLOOD CIRCULATION, drug effects/ \*BLOOD COAGULATION, drug effects/ \*CARBAMATES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ \*PYRIDINES, therapeutic use/ TIME FACTORS
1389. Despons J: Les angio-fibromes des adolescents. *J Franc Otorhinolaryng* 18:69-72, Feb 69 (Fre)  
ADOLESCENCE/ \*ANGIOMA, SCLEROSING/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*NOSE NEOPLASMS/ \*PHARYNGEAL NEOPLASMS/ PUBERTY/ SEX FACTORS
1390. De Takats G, Vaithianathan T: A test for fibrinolytic capacity. *Proc Inst Med Chicago* 28:125, May 70  
\*BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS/ \*HEMOSTASIS/ HUMAN/ METHODS/ VEINS
1391. Detoma F, Westley J: Active site peptides of rhodanese. *Biochim Biophys Acta* 207:144-9, 28 Apr 70  
\*BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CYANIDES/ CYSTEINE/ ELECTROPHORESIS/ IODOACETATES, metabolism/ PAPER/ \*PEPTIDES/ THIOSULFATES/ \*TRANSFERASES/ TRYPSIN/ TRYPTOPHAN
1392. Détré P: Traitement des oblitérations artérielles aiguës des membres. *Presse Med* 78:373-4, 14 Feb 70 (Fre)  
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ ANEURYSM/ ARM, blood supply/ ARTERIES/ EMBOLISM, surgery/ \*EXTREMITIES, blood supply/ FEMORAL ARTERY/ HUMAN/ ISCHEMIA/ POPLITEAL ARTERY/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ THROMBOSIS, surgery/ VASCULAR DISEASES, drug therapy/ \*VASCULAR DISEASES, surgery
1393. Détré P: Les fractures de la région trochantérienne. *Presse Med* 78:424, 21 Feb 70 (Fre)  
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ DRAINAGE/ \*FEMORAL NECK FRACTURES/ FEMORAL NECK FRACTURES, mortality/ FEMORAL NECK



## AUTHOR SECTION

- FRACTURES, radiography/ FEMORAL NECK  
FRACTURES, therapy/ FRACTURE  
FIXATION/ HUMAN/ ORTHOPEDIC  
EQUIPMENT
1394. Detwiler TC, Zivkovic RV: Control of energy metabolism in platelets. A comparison of aerobic and anaerobic metabolism in washed rat platelets. *Biochim Biophys Acta* 197:117-26, 3 Mar 70  
ADENOSINE TRIPHOSPHATE, biosynthesis/  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, metabolism/ CITRATES, blood/  
FUMARATES, blood/ GLUCOSE, metabolism/  
GLYCERIC ACIDS, blood/ GLYCOGEN, metabolism/  
\*GLYCOLYSIS/  
HEXOSEPHOSPHATES, blood/  
KETOGLUTARIC ACID, blood/ KREBS  
CYCLE/ LACTATES, blood/ MALATES, blood/  
OXIDATIVE PHOSPHORYLATION/  
PHOSPHATES, blood/  
PHOSPHOFRUCTOKINASE, metabolism/  
PYRUVATE KINASE, metabolism/  
PYRUVATES, blood/ RATS
1395. Devadiga KV, Mathai KV, Chandy J: Multiple intracranial aneurysms associated with metastatic malignancy of brain. *Neurol India* 17:143-4, Sep 69  
AGED/ \*BRAIN NEOPLASMS, complications/  
\*CEREBRAL ANEURYSM, complications/  
CEREBRAL ANEURYSM, diagnosis/  
\*HEMANGIOMA, complications/ HUMAN/  
MALE/ NEOPLASM METASTASIS
1396. De Vecchi A, Russo C: Angiome du larynx. *Ann Radiol (Paris)* 12:1015-20, 1969 (Fre)  
ADULT/ ANGIOGRAPHY/ CASE REPORT/  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS, radiography/  
HUMAN/ \*LARYNGEAL NEOPLASMS,  
radiography/ METHODS/ TOMOGRAPHY
1397. De Venecia G, Lobeck CC: Successful treatment of eyelid hemangioma with prednisone. *Arch Ophthal (Chicago)* 84:98-102, Jul 70  
\*EYELID NEOPLASMS, drug therapy/  
EYELID NEOPLASMS, radiotherapy/ FEMALE/  
\*HEMANGIOMA, drug therapy/  
HEMANGIOMA, radiotherapy/ HUMAN/  
INFANT/ INFANT, NEWBORN/  
\*PREDNISONE, therapeutic use/ SCLEROSING  
SOLUTIONS, therapeutic use
1398. Devenuto F, Ligon DF, Friedrichsen DH, et al: Human erythrocyte membrane. Uptake of progesterone and chemical alterations. *Biochim Biophys Acta* 193:36-47, 14 Oct 69  
ADOLESCENCE/ ADULT/ BLOOD  
PRESERVATION/ CELL MEMBRANE, analysis/  
CELL MEMBRANE, drug effects/ \*CELL  
MEMBRANE, metabolism/  
CHROMATOGRAPHY, THIN LAYER/  
DIALYSIS/ ELECTROPHORESIS, DISK/  
ERYTHROCYTES, drug effects/  
\*ERYTHROCYTES, metabolism/ FEMALE/  
GEL FILTRATION/ HUMAN/ LIPIDS,  
metabolism/ MALE/ NEURAMINIC ACIDS,  
metabolism/ PHOSPHOLIPIDS, metabolism/  
\*PROGESTERONE, metabolism/  
PROGESTERONE, pharmacodynamics/  
PROTEINS, metabolism/ TEMPERATURE/  
TIME FACTORS/ TRITIUM
1399. DeVenuto F, Wilson SM, Lowe CV: Relative viscosity and specific gravity of human blood during cold storage. *Proc Soc Exp Biol Med* 134:169-73, May 70  
ADOLESCENCE/ ADULT/ \*BLOOD  
PRESERVATION/ \*BLOOD VISCOSITY/  
\*COLD/ HEMATOCRIT/ HUMAN/ MALE/  
OSMOTIC FRAGILITY/ \*SPECIFIC GRAVITY
1400. Devi CS, Murthy DP, Reddy CR: Development of enzyme activity in the guinea-worm larvae. *Indian J Med Res* 57:2092-6, Nov 69  
ANIMAL EXPERIMENTS/ \*DRACUNCULUS,  
enzymology/ LARVA, enzymology/ LIPASE,  
analysis/ PEPTIDE HYDROLASES, analysis
1401. Devi CS, Reddy CN, Devi SL, et al: Defibrination syndrome due to scorpion venom poisoning. *Brit Med J* 1:345-7, 7 Feb 70
- ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, chemically  
induced/ BLOOD COAGULATION DISORDERS,  
drug therapy/ CORTISONE, therapeutic use/  
DOGS/ FIBRIN/ \*FIBRINOGEN/ HEPARIN,  
administration & dosage/ HUMAN/  
\*SCORPIONS/ \*VENOMS, poisoning
1402. Devi KS, Kurup PA: Effects of certain Indian pulses on the serum, liver and aortic lipid levels in rats fed a hypercholesterolaemic diet. *Atherosclerosis* 11:479-84, May-Jun 70  
ANIMAL EXPERIMENTS/ AORTA,  
metabolism/ BLOOD SUGAR/ CHOLESTEROL,  
blood/ DIET/ DIET, ATHEROGENIC/  
\*HYPERCHOLESTEREMIA, metabolism/  
INDIA/ LIPIDS, blood/ \*LIPIDS, metabolism/  
LIVER, metabolism/ \*PLANT PROTEINS,  
pharmacodynamics/ RATS/ SEEDS/  
VEGETABLES
1403. Devic G, Garde J, Gelain J: Intérêt et place d'une médication anti-inflammatoire dans la prévention des thromboses veineuses post-opératoires. *Lyon Chir* 66:254-6, Jul-Aug 70 (Fre)  
ANTICOAGULANTS, administration & dosage/  
\*ANTI-INFLAMMATORY AGENTS,  
administration & dosage/ ENGLISH  
ABSTRACT/ HUMAN/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
PREOPERATIVE CARE/  
\*THROMBOPHLEBITIS, prevention & control
1404. Devlin HB, Evans DS, Birkhead JS: Elective splenectomy for primary hematologic and splenic disease. *Surg Gynec Obstet* 131:273-6, Aug 70  
ANEMIA, SICKLE CELL, surgery/ BLOOD  
PLATELET DISORDERS, surgery/  
\*HEMATOLOGIC DISEASES, surgery/  
HEMOGLOBINOPATHIES, surgery/ HUMAN/  
LEUKEMIA, MYELOCYTIC, surgery/  
LYMPHATIC DISEASES, surgery/  
LYMPHOMA, surgery/ MYELOFIBROSIS,  
surgery/ SPHEROCYTOSIS, HEREDITARY,  
surgery/ \*SPLENECTOMY/ \*SPLENIC  
DISEASES, surgery
1405. DeVries AL, Komatsu SK, Feeney RE: Chemical and physical properties of freezing point-depressing glycoproteins from antarctic fishes. *J Biol Chem* 245:2909-13, 10 Jun 70  
ALANINE, analysis/ AMINO ACIDS, analysis/  
AMINOBUTYRIC ACID, analysis/  
ANHYDRIDES/ ANIMAL EXPERIMENTS/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
CHYMOTRYPSIN/ COLD/ DISACCHARIDES,  
analysis/ \*FISHES/ FREEZING/  
GALACTOSIDASE/ \*GLYCOPROTEINS, blood/  
LEUCINE AMINOPEPTIDASE/  
OLIGOSACCHARIDES, analysis/  
OXIDATION-REDUCTION/ PEPTIDE  
HYDROLASES/ SODIUM HYDROXIDE/  
THREONINE, analysis/ TRYPSIN
1406. De Vries GM, Lanckman M, Hamers R: Separation of two types of light polypeptide chains from rabbit gamma-globulins. *Europ J Biochem* 11:370-5, Dec 69  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ ANTIGENS/ BLOOD  
PROTEIN ELECTROPHORESIS/ CYSTINE,  
analysis/ ELECTROPHORESIS, DISK/ \*GAMMA  
GLOBULIN, 7S, analysis/ GEL DIFFUSION  
TESTS/ GEL FILTRATION/ GENETICS/  
GOATS/ IMMUNE SERUMS/ \*PEPTIDES,  
isolation & purification/ RABBITS/  
SULFHYDRYL COMPOUNDS, analysis/  
TRYPSIN
1407. DeVries WC, Kwan-Gett CS, Koiff WJ: Consumptive coagulopathy, shock, and the artificial heart. *Trans Amer Soc Artif Intern Organs* 16:29-36, 1970  
\*AFIBRINOGENEMIA, etiology/  
ANAPHYLAXIS, complications/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION  
DISORDERS, etiology/ EMBOLISM,  
complications/ ENDOTOXINS/  
\*ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, etiology/ ETHYLENE  
OXIDE, adverse effects/ EXTRACORPOREAL  
CIRCULATION, adverse effects/ FEMALE/



# AUTHOR SECTION

\*HEART, ARTIFICIAL, adverse effects/  
HEMOLYSIS/ HEPARIN, adverse effects/  
\*HYPOTENSION, etiology/ PROTAMINES,  
adverse effects/ SHEEP/ \*SHOCK, etiology/  
\*THROMBOPENIA, etiology

1408. Dewhurst SA, McCaman RE, Kaplan WD: The time course of development of acetylcholinesterase and choline acetyltransferase in *Drosophila melanogaster*. *Biochem Genet* 4:499-508, Aug 70  
\*ACETYLCHOLINESTERASE, metabolism/  
\*ACYLTRANSFERASES, metabolism/ AGING/  
ALDEHYDES/ ANIMAL EXPERIMENTS/  
CHOLINE/ DROSOPHILA, enzymology/  
DROSOPHILA, growth & development/  
LARVA, enzymology/ OXIDOREDUCTASES,  
metabolism/ PEPTIDE HYDROLASES,  
metabolism/ PROTEINS, analysis/ PUPA,  
enzymology

1409. Deykin D: Local and systemic factors in the pathogenesis of thrombosis.  
*Calif Med* 112:31-40, Mar 70 (93 ref.)  
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, classification/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, drug therapy/  
HEMOSTASIS/ HEPARIN, therapeutic use/  
HUMAN/ REVIEW/ \*THROMBOSIS/  
THROMBOSIS, classification/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/  
THROMBOSIS, physiopathology

1410. Deykin D: The clinical challenge of disseminated intravascular coagulation.  
*New Eng J Med* 283:636-44, 17 Sep 70  
ANTIGENS, analysis/ BLOOD CELL COUNT/  
BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/  
FIBRIN/ HEMOSTASIS/ HUMAN/  
MENINGOCOCCAL INFECTIONS, complications/ SEPTICEMIA, complications/  
THROMBIN

1411. Deykin D: Warfarin revisited.  
*New Eng J Med* 283:436, 20 Aug 70  
ANIMAL EXPERIMENTS/ DRUG TOLERANCE/ HUMAN/  
PHARMACOGENETICS/ RATS/ RECEPTORS, DRUG/ VITAMIN K, antagonists & inhibitors/  
VITAMIN K, pharmacodynamics/ WARFARIN, antagonists & inhibitors/ WARFARIN, pharmacodynamics/ \*WARFARIN, pharmacodynamics

1412. Deykin D: Warfarin revisited.  
*New Eng J Med* 282:1486, 25 Jun 70  
ANTICOAGULANTS, metabolism/ BINDING SITES/ \*DRUG TOLERANCE/ HUMAN/  
\*PHARMACOGENETICS/ PROTHROMBIN TIME/ VITAMIN K, metabolism/  
WARFARIN/ WARFARIN, administration & dosage/ WARFARIN, blood/ WARFARIN, metabolism

1413. Deykin D: Warfarin therapy. 2.  
*New Eng J Med* 283:801-3, 8 Oct 70 (4 ref.)  
BINDING SITES/ BLOOD COAGULATION, drug effects/ DRUG ANTAGONISM/ DRUG SYNERGISM/ HEMORRHAGE, chemically induced/ HUMAN/ PROTHROMBIN TIME/ REVIEW/ THROMBOSIS, prevention & control/ VITAMIN K, metabolism/ VITAMIN K, pharmacodynamics/  
WARFARIN, administration & dosage/  
WARFARIN, adverse effects/ WARFARIN, antagonists & inhibitors/ WARFARIN, metabolism/ WARFARIN, pharmacodynamics/  
\*WARFARIN, therapeutic use

1414. Deykin D: Warfarin therapy. 1.  
*New Eng J Med* 283:691-4, 24 Sep 70 (10 ref.)

BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, biosynthesis/  
BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/  
EMBOLISM, prevention & control/ FACTOR VII, metabolism/ FACTOR IX, metabolism/  
FACTOR X, metabolism/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PROTHROMBIN, metabolism/ PROTHROMBIN TIME/  
PULMONARY EMBOLISM, drug therapy/  
REVIEW/ THROMBOEMBOLISM, drug therapy/  
THROMBOPHLEBITIS, drug therapy/  
VITAMIN K, antagonists & inhibitors/  
WARFARIN, administration & dosage/  
WARFARIN, metabolism/ WARFARIN, pharmacodynamics/ \*WARFARIN, therapeutic use

1415. Deyl Z, Rosmus J, Adam M: Investigation on the reaction of metals with collagen in vivo.  
*Europ J Biochem* 13:589-92, Apr 70  
ANIMAL EXPERIMENTS/ CHEMISTRY/  
CHROMATOGRAPHY/ \*COLLAGEN, metabolism/ \*COPPER/ CYANIDES/  
DEFICIENCY DISEASES, drug therapy/  
\*DEFICIENCY DISEASES, metabolism/ GOLD, therapeutic use/ IRON/ MALE/ MONOAMINE OXIDASE, metabolism/ PEPTIDE HYDROLASES/ PROLINE, metabolism/ RATS/  
SODIUM/ TENDONS/ THIOSULFATES, therapeutic use

1416. DeZoeten GA, Gaard G: Aggregation of alfalfa mosaic virus under influence of externally applied agents.  
*Virology* 41:573-4, Jul 70  
ALFALFA/ CAPSICUM/ CRYSTALLIZATION/  
CYTOCHROMES, pharmacodynamics/  
CYTOPLASM, microbiology/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT DISEASES/  
\*PLANT VIRUSES/ PLANT VIRUSES, drug effects/ PLANT VIRUSES, isolation & purification/ \*TOBACCO, cytology/  
\*VIBRATION

1417. Dhingra LD, Parrish WB, Venzke WG: Electron microscopy of nongranular leukocytes and thrombocytes of chickens.  
*Amer J Vet Res* 30:1837-42, Oct 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS/ \*CHICKENS/ \*LYMPHOCYTES, cytology/ MICROSCOPY, ELECTRON/  
\*MONOCYTES, cytology

1418. Diaconescu M, Kreisler S, Frunzãreanu N, et al: Maladia gelatinoasă a peritoneului.  
*Rev Medicochir Iasi* 73:743-6, Jul-Sep 67 (Rum)  
\*ADHESIONS, etiology/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*INTESTINAL OBSTRUCTION, etiology/  
MALE/ MIDDLE AGE/ \*PERITONEAL DISEASES

1419. Dialameh GH, Olson RE: Gas chromatography of lipophilic quinones of the ubiquinone and menaquinone series. *Meth Med Res* 12:137-48, 1970  
\*CHROMATOGRAPHY, GAS/ HUMAN/ LIVER, analysis/ METHODS/ \*QUINONES, analysis/  
\*UBIQUINONE, analysis/ VITAMIN E, analysis/ \*VITAMIN K, analysis/ VITAMIN K, isolation & purification

1420. DiCamelli RF, Holohan PD, Basinger SF, et al: Molecular weight determinations by low-speed sedimentation equilibrium. A combined use of the Nazarian equation and the Griffith rapid equilibrium technique. *Anal Biochem* 36:470-94, Aug 70  
CATTLE/ CHYMOTRYPSIN/ ENZYME PRECURSORS, analysis/  
GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, analysis/ LIGASES, analysis/ MATHEMATICS/ METHODS/  
\*MOLECULAR WEIGHT/ OVALBUMIN, analysis/ RIBONUCLEASE, analysis/ SERUM ALBUMIN, BOVINE, analysis/ TIME FACTORS/ ULTRACENTRIFUGATION

1421. Dick EG, Dick DA, Bradbury S: The effect of surface



# AUTHOR SECTION

- microvilli on the water permeability of single toad oocytes. *J Cell Sci* 6:451-76, Mar 70  
ANIMAL EXPERIMENTS/ \*CELL MEMBRANE PERMEABILITY/ FEMALE/ IN VITRO/ MICROSCOPY, ELECTRON/ OVUM, cytology/ \*OVUM, metabolism/ SEASONS/ SURFACE PROPERTIES/ TOADS/ TRYPSIN, pharmacodynamics
1422. Dickerson RE, Eisenberg D, Varnum J, et al: PtCl<sub>2</sub>·: a methionine-specific label for protein crystallography. *J Molec Biol* 45:77-84, 14 Oct 69  
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ \*CRYSTALLOGRAPHY/ CYTOCHROMES/ HORSES/ \*METHIONINE/ MYOCARDIUM, analysis/ \*PLATINUM/ PROTEIN BINDING/ \*PROTEINS/ RIBONUCLEASE/ X-RAY DIFFRACTION
1423. Didisheim P, Bowie EJ, Owen CA Jr: Intravascular coagulation-fibrinolysis (ICF) syndrome and malignancy: historical review and report of two cases with metastatic carcinoma and with acute myelomonocytic leukemia. *Thromb Diath Haemorrh* 36:Suppl 36:215+, 1969  
ADULT/ AFIBRINOGENEMIA/ AGED/ ANTICOAGULANTS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, history/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ \*CARCINOID TUMOR, complications/ CARCINOID TUMOR, drug therapy/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOGEN, therapeutic use/ \*FIBRINOLYSIS/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ \*LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ MERCAPTOPYRIMIDINE, therapeutic use/ MITOMYCIN, therapeutic use/ PREDNISONE, therapeutic use/ STEROIDS, therapeutic use
1424. Didisheim P, Bowie EJ, Owen CA Jr: Inhibition of arterial thrombosis and platelet adhesiveness in the rat by intravenous 2,4,6-trimorpholinopyrimido-(5,4-d)-pyrimidine (RA 433). *Mayo Clin Proc* 45:51-9, Jan 70  
ANIMAL EXPERIMENTS/ ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD FLOW VELOCITY/ \*BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ \*DIPYRIDAMOLE, pharmacodynamics/ FEMORAL ARTERY, drug effects/ FEMORAL ARTERY, surgery/ FEMORAL VEIN, surgery/ INTUBATION/ PLATELET ADHESIVENESS, drug effects/ RATS/ \*THROMBOSIS, drug therapy
1425. Dietel K: Zur Differentialdiagnose der Magen-Darm-Blutung im Kindesalter unter besonderer Berücksichtigung des Lebensalters. *Z Aerztl Fortbild (Jena)* 63:920-5, 1 Sep 69 (Ger)  
AGE FACTORS/ BLOOD COAGULATION DISORDERS, complications/ CHILD/ CHILD, PRESCHOOL/ COLITIS, ULKERATIVE, complications/ DIAGNOSIS, DIFFERENTIAL/ DIAPHRAGMATIC HERNIA, complications/ DUODENAL ULCER, complications/ ENTERITIS, complications/ HEMATEMESIS, diagnosis/ \*HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTESTINAL OBSTRUCTION, complications/ MECKEL'S DIVERTICULUM, complications/ MELENA, diagnosis/ TYPHOID, complications
1426. Dieter RA Jr, Elynn M, Elynn G, et al: Angiofibromatous polyp of the pharynx. *Amer J Dis Child* 119:91-3, Jan 70  
\*ANGIOMA, SCLEROSING, pathology/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ MALE/ NASOPHARYNGEAL NEOPLASMS, complications/ \*NASOPHARYNGEAL NEOPLASMS, pathology/ \*POLYPS, pathology/ RESPIRATORY INSUFFICIENCY, etiology
1427. Dietrich CP: A heparin sulfamidase from mammalian lymphoid tissues. *Canad J Biochem* 48:725-33, Jun 70  
ANIMAL EXPERIMENTS/ CHEMISTRY/ DISACCHARIDES/ DOGS/ ELECTROPHORESIS/ GEL FILTRATION/ GLUCOSAMINE/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ \*LYMPHOID TISSUE, enzymology/ MUCOPOLYSACCHARIDES/ ORGAN SPECIFICITY/ RATS/ SULFATASES, antagonists & inhibitors/ \*SULFATASES, isolation & purification/ SULFUR ISOTOPES
1428. Dietrich CP, De Oca HM: Production of heparin related mucopolysaccharides by mammalian cells in culture. *Proc Soc Exp Biol Med* 134:955-62, Sep 70  
ANIMAL EXPERIMENTS/ CELL LINE/ CERVIX NEOPLASMS/ CHONDROITIN/ CHROMATOGRAPHY/ ELECTROPHORESIS/ EMBRYO/ FEMALE/ FLAVOBACTERIUM, enzymology/ GLUCOSAMINE, analysis/ HELA CELLS/ \*HEPARIN, metabolism/ HUMAN/ MICE/ MUCOPOLYSACCHARIDES, analysis/ \*MUCOPOLYSACCHARIDES, biosynthesis/ MUCOPOLYSACCHARIDES, isolation & purification/ RATS/ STAINS AND STAINING/ SULFUR ISOTOPES/ \*TISSUE CULTURE
1429. Dietz MW: Unique vascular colon stenoses. *Radiology* 93:385-6 passim, Aug 69  
ADHESIONS, complications/ AGED/ \*COLONIC DISEASES, etiology/ COLONIC DISEASES, radiography/ \*ENTEROCOLITIS, ACUTE, complications/ FEMALE/ HUMAN/ \*INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, etiology/ \*RECTAL NEOPLASMS, complications
1430. Diewitz M, Müller-Heubach E, Neller K: Die thrombotisch-thrombocytopenische Purpura (Möschcowitz-Syndrom). Bericht über 2 Fälle mit gegensätzlicher Verlaufsform, neuen Untersuchungsergebnissen zur Genese der hämolytischen Anämie und speziellen Untersuchungen am Gehirn. (Ger)  
*Arch Klin Med* 216:267-84, 1969  
ADULT/ ANEMIA, HEMOLYTIC, etiology/ AUTOPSY/ BRAIN, pathology/ COOMBS' TEST/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ FEMALE/ HEINZ BODIES/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ \*PURPURA, THROMBOTIC THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, enzymology/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, pathology/ PURPURA, THROMBOTIC THROMBOPENIC, therapy/ THROMBOPENIA, etiology
1431. Di Grazia G, Lanzafame A: Il problema dell'emostasi nell'adenomectomia prostatica transvescicale: proposte per una emostasi preventiva e per il controllo dell'emorragia post-operatoria da attivazione della fibrinolisi. (Ita)  
*Arch Ital Urol* 42:289-98, 1969  
AGED/ \*FIBRINOLYSIS/ \*HEMORRHAGE, prevention & control/ \*HEMOSTASIS/ HUMAN/ MALE/ METHODS/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTATE, blood supply/ \*PROSTATIC HYPERTROPHY, surgery
1432. Dike AE: Two cases of transfusion malaria. *Lancet* 1:72-3, 11 Jul 70  
BLOOD DONORS/ \*BLOOD TRANSFUSION, adverse effects/ GREAT BRITAIN/ HEMOPHILIA, therapy/ HUMAN/ \*MALARIA, etiology/ MALARIA, occurrence/ MALE/ MIDDLE AGE
1433. Dikow AL, Genova V: Isoenzyme der Fructose-Phosphat-Aldolase im Serum bei verschiedenen bösartigen Hämopathien. Isoenzyme der Fructose-Phosphat-Aldolase. IX. *Z Klin Chem* 7:614-6, Nov 69 (Ger)



# AUTHOR SECTION

- AGRAULOCYTOSIS, enzymology/  
\*ALDOLASE, blood/ ANEMIA, APLASTIC,  
enzymology/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ \*HEMATOLOGIC DISEASES,  
enzymology/ HEMOGLOBINOPATHIES,  
enzymology/ HEMORRHAGIC  
THROMBOCYTHEMIA, enzymology/  
HODGKIN'S DISEASE, enzymology/ HUMAN/  
\*ISOENZYMES, blood/ LEUKEMIA,  
enzymology/ LYMPHATIC DISEASES,  
enzymology/ LYMPHOSARCOMA, enzymology/  
MULTIPLE MYELOMA, enzymology/  
MYELOFIBROSIS, enzymology/ MYELOID  
METAPLASIA, enzymology/ POLYCYTHEMIA  
VERA, enzymology/  
RETICULOENDOTHELIOSIS, enzymology/  
SARCOMA, RETICULUM CELL, enzymology/  
THROMBOPENIA, enzymology
434. Dikow AL, Genowa VG: Isoenzymfraktionen der  
Fructose-Phosphat-Aldolase in den Blutzellen  
gesunder Menschen.  
Z Klin Chem 7:155-7, Mar 69 (Ger)  
\*ALDOLASE, blood/ \*BLOOD CELLS,  
enzymology/ BLOOD PLATELETS, enzymology/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
ERYTHROCYTES, enzymology/  
HEXOSEPHOSPHATES/ HUMAN/  
\*ISOENZYMES, blood/ LEUKOCYTES,  
enzymology
435. Dillard BM, Mayer JH, McAlister WH, et al:  
Sacrococcygeal teratoma in children.  
J Pediatr Surg 5:53-9, Feb 70  
CHILD, PRESCHOOL/ CYSTS, diagnosis/  
DERMAL SINUS, CONGENITAL, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
FIBROMA, diagnosis/ HEMANGIOMA,  
diagnosis/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES/  
LIPOMA, diagnosis/ MALE/  
\*SACROCOCYGEAL REGION/ SPINA  
BIFIDA, diagnosis/ \*TERATOID TUMOR/  
TERATOID TUMOR, classification/ TERATOID  
TUMOR, diagnosis/ TERATOID TUMOR,  
embryology/ TERATOID TUMOR, pathology/  
TERATOID TUMOR, radiography/ TERATOID  
TUMOR, surgery
436. Dillard BM, Norman HG Jr, Manalo GB: Subfascial vein  
ligation in the treatment of venostasis.  
Missouri Med 67:655-61 passim, Sep 70  
FASCIA/ HEMOSTASIS/ HUMAN/  
\*VASCULAR DISEASES, surgery/ \*VEINS,  
surgery
437. Dillon DE, Watt JE, Jones AE, et al: Platelet kinetics in  
splenomegaly. Med Ann DC 39:365-8, Jul 70  
ADULT/ \*BLOOD PLATELETS, metabolism/  
CHROMIUM ISOTOPES, diagnostic use/  
HUMAN/ LYMPHOMA, complications/ MALE/  
MIDDLE AGE/ \*SPLENOmegaly, blood/  
SPLENOmegaly, diagnosis
438. DiLuzio NR, Crafton CG: Influence of altered  
reticuloendothelial function on vascular clearance  
and tissue distribution of S. enteritidis endotoxin.  
Proc Soc Exp Biol Med 132:686-90, Nov 69  
ANIMAL EXPERIMENTS/ CHROMIUM  
ISOTOPES/ \*ENDOTOXINS, blood/ FEMALE/  
HEPARIN, pharmacodynamics/ INJECTIONS,  
INTRAVENOUS/ LIVER, analysis/ LIVER,  
metabolism/ LUNG, analysis/ LUNG,  
metabolism/ PALMITIC ACID,  
pharmacodynamics/ PHAGOCYTOSIS/  
POLYSACCHARIDES, pharmacodynamics/  
RATS/ \*RETICULOENDOTHELIAL SYSTEM,  
physiology/ SALMONELLA/ SPLEEN, analysis/  
SPLEEN, metabolism
439. Dimitrov Dia: Prilozhenie na kortikosteroidite pri  
bremennost-nash opit i rezultati.  
Akush Ginek (Sofia) 8:200-9, 1969 (Bul)  
\*ADRENAL CORTEX HORMONES, therapeutic  
use/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC, drug  
therapy/ PURPURA, THROMBOGENIC, drug  
therapy/ SPHEROCYTOSIS, HEREDITARY,  
drug therapy/ THALASSEMIA, drug therapy
1440. Din FU, Chaloupka J: Amino acid stimulation of  
proteinase synthesis in a sporogenous Bacillus  
megaterium KM.  
Biochem Biophys Res Commun 37:233-8, 8 Oct 69  
\*AMINO ACIDS, pharmacodynamics/  
BACILLUS MEGATERIUM, drug effects/  
\*BACILLUS MEGATERIUM, metabolism/  
ENZYME REPRESSION/ GLUCOSE,  
pharmacodynamics/ \*PEPTIDE HYDROLASES,  
biosynthesis/ SPORES/ TIME FACTORS
1441. Dinstl K, White TT, Morgan A, et al: Die postoperative  
Aktivitätsänderung des Trypsininhibitors im  
Pankreassekret des Menschen und deren  
Beeinflussung durch Trasylol.  
Langenbecks Arch Chir 325:353-6, 1969 (Ger)  
ENGLISH ABSTRACT/ GASTROINTESTINAL  
SYSTEM, surgery/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PANCREATECTOMY/  
\*PANCREATIC JUICE, enzymology/  
\*PANCREATIC JUICE, secretion/  
\*PANCREATIC NEOPLASMS, enzymology/  
\*PANCREATITIS, enzymology/  
PANCREATITIS, prevention & control/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ \*TRYPSIN INHIBITORS,  
analysis/ VATER'S AMPULLA, surgery
1442. Dintenfass L: Microrheology of human blood in health  
and disease. Effect of blood subphases (I.A., the  
internal viscosity and aggregation of the blood cells)  
on blood viscosity and microcapillary flow, occlusion  
and infarction. Biorheology 6:245-6, Jan 70  
\*BLOOD CIRCULATION/ \*BLOOD VISCOSITY/  
\*CAPILLARY RESISTANCE/  
\*ERYTHROCYTES/ HUMAN/ \*INFARCTION,  
physiopathology
1443. Dintenfass L, Bauer GE: Dynamic blood coagulation and  
viscosity and degradation of artificial thrombi in  
patients with hypertension.  
Cardiovasc Res 4:50-60, Jan 70  
ADULT/ AGED/ \*BLOOD COAGULATION/  
BLOOD GROUPS/ BLOOD UREA NITROGEN/  
\*BLOOD VISCOSITY/ CHOLESTEROL, blood/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
\*HYPERTENSION, physiopathology/ MALE/  
MIDDLE AGE/ PYELONEPHRITIS,  
physiopathology/ VASCULAR DISEASES,  
physiopathology
1444. Diogo Giannini S, Diamant J, Paula e Silva P de: Estudo  
das relações da lipase lipoprotéica com parâmetros  
metabólico-lipídicos. I. Indivíduos normais.  
Rev Hosp Clin Fac Med S Paulo 25:23-32, Jan-Feb 70  
(Spa)  
ADULT/ AGE FACTORS/ BLOOD PROTEIN  
ELECTROPHORESIS/ BODY WEIGHT/  
ENGLISH ABSTRACT/ FEMALE/ HEPARIN,  
administration & dosage/ HUMAN/  
INJECTIONS, INTRAVENOUS/ \*LIPOPROTEIN  
LIPASE, metabolism/ LIPOPROTEINS, blood/  
\*LIPOPROTEINS, metabolism/ MALE/  
MIDDLE AGE/ SEX FACTORS/  
TRIGLYCERIDES, blood
1445. Dionigi R, Alexander JW: Prevention of outflow block  
of the canine liver during transplantation.  
Transplantation 9:76-8, Jan 70  
ANIMAL EXPERIMENTS/ BICARBONATES,  
pharmacodynamics/ DIPHENHYDRAMINE,  
pharmacodynamics/ DOGS/ HEPARIN,  
pharmacodynamics/ HYDROCORTISONE,  
pharmacodynamics/ HYPOTHERMIA/  
LACTATES, pharmacodynamics/ \*LIVER,  
transplantation/ \*LIVER CIRCULATION, drug  
effects/ METHYLPREDNISOLONE,  
pharmacodynamics/ OXYGEN CONSUMPTION/  
POSTOPERATIVE COMPLICATIONS/  
PROCAINE, pharmacodynamics/  
TRANSPLANTATION, HOMOLOGOUS/  
VASCULAR RESISTANCE, drug effects
1446. Di Perri T, Grossi A, Auteri A, et al: Azione del solfato  
di protamina sull'immunoemolisi in vitro.  
Boll Soc Ital Biol Sper 45:486-7, 30 Apr 69 (Ita)  
\*HEMOLYSIS, drug effects/ IN VITRO/



# AUTHOR SECTION

- \*PROTAMINES, pharmacodynamics/  
\*SULFATES, pharmacodynamics
1447. Di Perri T, Grossi A, Auteri A, et al: Azione dell'eparina e del solfato di protamina associati sulla immunoemolisi in vitro.  
Boll Soc Ital Biol Sper 45:488-9, 30 Apr 69 (Ita)  
\*HEMOLYSIS, drug effects/ \*HEPARIN, pharmacodynamics/ IN VITRO/ \*PROTAMINES, pharmacodynamics/ \*SULFATES, pharmacodynamics
1448. Di Perri T, Grossi A, Auteri A, et al: Azione dell'eparina sull'immunoemolisi in vitro.  
Boll Soc Ital Biol Sper 45:483-5, 30 Apr 69 (Ita)  
\*COMPLEMENT, pharmacodynamics/ \*HEMOLYSIS, drug effects/ \*HEPARIN, pharmacodynamics/ IN VITRO
1449. Di Perri T, Grossi A, Auteri A: Azione del complesso eparina-protamina sul complemento serico. Ricerche in vitro ed in vivo.  
Boll Soc Ital Biol Sper 45:1085-7, 31 Aug 69 (Ita)  
ANIMAL EXPERIMENTS/ \*COMPLEMENT, antagonists & inhibitors/ \*HEPARIN, pharmacodynamics/ \*PROTAMINES, pharmacodynamics/ RABBITS
1450. Di Perri T, Grossi A, Auteri A, et al: Azione dell'eparina e del solfato di protamina sull'attività complementare serica e sul fenomeno del rigetto nell'eterotraspianto sperimentale di cute.  
Boll Soc Ital Biol Sper 45:1083-5, 31 Aug 69 (Ita)  
ANIMAL EXPERIMENTS/ \*COMPLEMENT, antagonists & inhibitors/ \*HEPARIN, pharmacodynamics/ \*PROTAMINES, pharmacodynamics/ RABBITS/ \*SKIN, transplantation/ TRANSPLANTATION, HETEROLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
1451. Di Piero A: L'escina nel trattamento degli edemi dei paraplegici. Minerva Anest 35:233-5, Mar 69 (Ita)  
AESCULUS, administration & dosage/ \*AESCULUS, therapeutic use/ \*EDEMA, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*PARAPLEGIA, complications
1452. Di Rosa M, Sorrentino L: Some pharmacodynamic properties of carrageenin in the rat.  
Brit J Pharmacol 38:214-20, Jan 70  
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ CARRAGEENAN, antagonists & inhibitors/ \*CARRAGEENAN, pharmacodynamics/ CELLULOSE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DEXTRAN, pharmacodynamics/ EDEMA, chemically induced/ HYPOTENSION, chemically induced/ KININS, blood/ MALE/ OVALBUMIN/ PEPTIDES, pharmacodynamics/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics
1453. Ditenfass L, Sharp A: Dynamic blood coagulation, thrombus formation and degradation in patients with peripheral vascular disease (arteriosclerosis, including diabetic): an in vitro study.  
Ann Surg 170:984-95, Dec 69  
ABO FACTORS/ ADULT/ AGED/ \*ARTERIOSCLEROSIS, blood/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD VISCOSITY/ \*DIABETES MELLITUS, blood/ FEMALE/ HUMAN/ IN VITRO/ MALE/ MATHEMATICS/ METHODS/ MIDDLE AGE/ PLATELET ADHESIVENESS
1454. Dixit PK: Quantitative histochemistry of rachitic rat cartilage enzyme activity during healing induced by vitamin D and starvation.  
J Histochem Cytochem 17:411-7, Jun 69  
\*ALCOHOL OXIDOREDUCTASES, analysis/ ANIMAL EXPERIMENTS/ \*CARTILAGE, enzymology/ CARTILAGE, pathology/ EPIPHYSES, enzymology/ EPIPHYSES, pathology/ FASTING/ FLUORESCENCE/ FLUOROMETRY/ HISTOCYTOCHEMISTRY/ ISOCITRATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, analysis/ MALATE DEHYDROGENASE, analysis/ PANCREAS, enzymology/ \*PEPTIDE HYDROLASES, analysis/ PHENYLALANINE/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ RATS/ RICKETS, drug therapy/ \*RICKETS, enzymology/ RICKETS, pathology
1455. Dixon JW, Hofmann T: The reaction with nitrous acid of the "active site" N-terminal isoleucine in chymotrypsin and derivatives.  
Canad J Biochem 48:671-81, Jun 70  
ANIMAL EXPERIMENTS/ \*BINDING SITES/ CATTLE/ CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ COLD/ HYDROGEN-ION CONCENTRATION/ \*ISOLEUCINE/ \*NITRITES/ TRITIUM
1456. Dizdaji H, Tan CV, Cooney DF, et al: A useful roentgen sign in dissecting aneurysm of the thoracic aorta.  
Dis Chest 56:456-8, Nov 69  
\*AORTA, THORACIC, radiography/ \*AORTIC ANEURYSM, radiography/ HEMATOMA, radiography
1457. Djindjian R: Selective spinal cord arteriography in cord compression by tumour.  
Proc Roy Soc Med 63:181-3, Feb 70  
\*ANGIOGRAPHY/ ANGIOMATOSIS, radiography/ ANGIOSARCOMA, radiography/ HUMAN/ NEURILEMMOMA, radiography/ SPINAL CORD, blood supply/ \*SPINAL CORD COMPRESSION, radiography/ SPINAL CORD NEOPLASMS, radiography/ \*SPINAL NEOPLASMS, radiography/ VERTEBRAL ARTERY, anatomy & histology
1458. Djindjian R: Arteriography of the spinal cord.  
Amer J Roentgen 107:461-78, Nov 69  
\*ANGIOGRAPHY/ ANGIOSARCOMA, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ CHONDROMA, radiography/ COLLATERAL CIRCULATION/ HEMANGIOMA, radiography/ HUMAN/ ISCHEMIA, radiography/ METHODS/ MULTIPLE MYELOMA, radiography/ NEURILEMMOMA, radiography/ \*SPINAL CORD, blood supply/ SPINAL CORD COMPRESSION, radiography/ \*SPINAL CORD DISEASES, radiography/ \*SPINAL CORD NEOPLASMS, radiography
1459. Djindjian R, Hurth M, Houdart R: Angiomes médullaires, dysplasies vasculaires segmentaires ou généralisées et phacomatoses.  
Rev Neurol (Paris) 121:109-11, Jul 69 (Fre)  
ANEURYSM, diagnosis/ ANGIOMATOSIS, diagnosis/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ ATAXIA TELANGIECTASIA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ HUMAN/ KYPHOSIS, diagnosis/ PEUTZ-JEGHERS SYNDROME, diagnosis/ SCOLIOSIS, diagnosis/ SPINAL CORD, blood supply/ \*SPINAL CORD DISEASES, diagnosis/ SPINAL CORD NEOPLASMS, diagnosis/ SPINAL CORD NEOPLASMS, familial & genetic/ SPINAL NEOPLASMS, diagnosis/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, diagnosis
1460. Djojosegito AM, Folkow B, Oberg B, et al: A comparison of blood viscosity measured in vitro and a vascular bed. Acta Physiol Scand 78:70-84, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ \*BLOOD VISCOSITY/ DEXTRAN, pharmacodynamics/ HINDLIMB/ IN VITRO/ \*MUSCLES, blood supply/ PLETHYSMOGRAPHY
1461. Djukić D, Perisic-Colić N, Rolović M, et al: Udalje prognoza komplikacija na bubrezima kod Schonlein-Nenoch-ovog sindroma u deca.  
Srpski Arh Celok Lek 97:549-54, May 69 (Se)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ \*KIDNEY DISEASES, etiology/ PROGNOSIS/ \*PURPURA, THROMBOPENIC, complications



## AUTHOR SECTION

1462. Djurić M, Knezev B, Jeremić M: Povodom slučaja tumora krvnih sudova materice.  
Srpski Arh Celok Lek 97:625-8, May 69 (Ser)  
FEMALE/ \*HEMANGIOMA, CAVERNOUS,  
pathology/ HUMAN/ HYSTERECTOMY/  
MIDDLE AGE/ \*UTERINE NEOPLASMS,  
pathology/ UTERUS, blood supply
1463. Dmitrenko VV: O ratsional'nykh sposobakh primeneniia tripsina pri lechenii khronicheskogo otita (éksperimental'nye issledovaniia)  
Zh Ushn Nos Gorl Bolez 28:33-8, Jan-Feb 68 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS,  
therapeutic use/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ \*OTITIS MEDIA, drug  
therapy/ RABBITS/ \*TRYPSIN, therapeutic  
use
1464. Doblasova M, Linhart J: Association of phospholipid-cholesterol micelles with rat heart mitochondria: stimulators and inhibitors.  
Arch Ges Virusforsch 29:445-51, 1970  
AMIDES, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ CADMIUM,  
pharmacodynamics/ CALCIUM,  
pharmacodynamics/ CARBON ISOTOPES/  
CEPHALINS, metabolism/ \*CHOLESTEROL,  
metabolism/ CHONDROITIN,  
pharmacodynamics/ DENSITOMETRY/  
DETERGENTS, pharmacodynamics/  
EPINEPHRINE, pharmacodynamics/ HEPARIN,  
pharmacodynamics/ HYALURONIC ACID,  
pharmacodynamics/ HYDROGEN-ION  
CONCENTRATION/ LECITHINS, metabolism/  
MAGNESIUM, pharmacodynamics/ MERCURY,  
pharmacodynamics/ MITOCHONDRIA, MUSCLE,  
drug effects/ \*MITOCHONDRIA, MUSCLE,  
metabolism/ MYOCARDIUM, cytology/  
NOREPINEPHRINE, pharmacodynamics/  
\*PHOSPHOLIPIDS, metabolism/ PHOSPHORUS  
ISOTOPES/ RATS/ STIMULATION,  
CHEMICAL
1465. Dobronravova NP, Prostiakova NN, Tupikova AA: Ob optimal'noi potrebnosti organizma v vitamine A.  
Vop Pitan 28:51-4, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ \*ANIMAL  
NUTRITION/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ CHRONAXY/ CORNEA,  
physiology/ DARK ADAPTATION/  
ELECTRORETINOGRAPHY/ ENGLISH  
ABSTRACT/ NUTRITIONAL REQUIREMENTS/  
RATS/ RETINA, physiology/ \*VITAMIN A/  
VITAMIN A, blood/ VITAMIN A, toxicity
1466. Dobrowolski J, Korycki J, Szyszko S: Rzadkie współistnienie odosobnionego krwaka płuca i odmy opłucnowej po urazie klatki piersiowej.  
Pol Przegl Radiol 34:323-8, May-Jun 70 (Pol)  
ADULT/ ENGLISH ABSTRACT/ \*HEMATOMA,  
etiology/ HEMATOMA, radiography/ HUMAN/  
\*LUNG DISEASES, etiology/ LUNG DISEASES,  
radiography/ MALE/ MIDDLE AGE/  
\*PNEUMOTHORAX, etiology/ \*THORACIC  
INJURIES, complications
1467. Dobry E: Hlavní zásady účelné hemoterapie.  
Rozhl Chir 49:218-23, Apr 70 (Cze)  
BLOOD PRESERVATION/ BLOOD PROTEIN  
DISORDERS, therapy/ \*BLOOD  
TRANSFUSION/ CHILD/ ERYTHROCYTES/  
HUMAN/ PARENTERAL FEEDING/  
PEDIATRICS/ PLASMA/ PLASMA  
SUBSTITUTES, therapeutic use/ SERUM  
ALBUMIN, therapeutic use/ SHOCK,  
HEMORRHAGIC, therapy
1468. Dobry E, Livora I, Elinek I, et al: Nash opyt konservirovaniia étrotrptotv metodom zamorazhivaniia s primeneniem dimetilsul'foksida (DMSO) Probl Gemat 13:50-2, Feb 68 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ \*DIMETHYL SULFOXIDE/  
ENGLISH ABSTRACT/ \*ERYTHROCYTES/  
\*FREEZING/ HUMAN/ PHARMACEUTIC  
AIDS/ RABBITS
1469. Dobry E, Livora J, Sebestík V, et al: Polyvinylpyrrolidon jako ochranná látka při konzervaci červených krvinek zmrazením. Vnitřní Lek 15:1152-5, Dec 69 (Cze)  
BLOOD PRESERVATION/ CHROMIUM  
ISOTOPES/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ \*FREEZING/ HEMOLYSIS/  
HUMAN/ \*POLYVINYLPYRROLIDONE,  
pharmacodynamics
1470. Dobryszczyka W, Zeineh R, Pollitt JE, et al: Simultaneous determination of radioactive labeled fibrinogen, haptoglobin and orosomucoid from small plasma samples. Arch Immun Ther Exp 18:201-7, 1970  
ABSCISS, blood/ ANIMAL EXPERIMENTS/  
BLOOD COAGULATION/ BURNS, blood/  
CARBON ISOTOPES/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DOGS/ \*FIBRINOGEN,  
analysis/ GLUCOSAMINE, metabolism/  
\*HAPTOGLOBINS, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ \*MUCOPROTEINS, analysis/  
PLASMA
1471. Dodds WJ: Hepatic influence on splenic synthesis and release of coagulation activities.  
Science 166:882-3, 14 Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION FACTORS, analysis/  
DIALYSIS/ \*LIVER, physiology/ PERFUSION/  
PUROMYCIN, pharmacodynamics/ RATS/  
\*SPLEEN, metabolism/ TIME/ \*VON  
WILLEBRAND'S DISEASE, physiopathology
1472. Döderlein G: Zur Prophylaxe der postoperativen Thromboembolie. Zbl Gynaek 91:54-62, 11 Jan 69 (Ger)  
ADULT/ AGE FACTORS/ AGED/  
\*ANTICOAGULANTS, therapeutic use/ BLOOD  
COAGULATION TESTS/ CARDIOVASCULAR  
DISEASES, complications/ FEMALE/  
\*GYNECOLOGIC DISEASES, surgery/ HUMAN/  
INDENES, therapeutic use/ METHODS/  
MIDDLE AGE/ NAPHTHALENES, diagnostic  
use/ PARITY/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THROMBOEMBOLISM, diagnosis/  
THROMBOEMBOLISM, etiology/  
\*THROMBOEMBOLISM, prevention & control/  
VARICOSE VEINS, complications
1473. Doery JC, Hirsh J, Cooper I: Energy metabolism in human platelets: interrelationship between glycolysis and oxidative metabolism. Blood 36:159-68, Aug 70  
ALBUMINS, pharmacodynamics/ BLOOD CELL  
COUNT/ \*BLOOD PLATELETS, metabolism/  
BUFFERS/ CALCIUM/ CARBON ISOTOPES/  
DINITROPHENOLS, pharmacodynamics/  
ENERGY TRANSFER/ ENZYME TESTS/  
GLUCOSE, metabolism/ GLYCOGEN,  
metabolism/ \*GLYCOLYSIS/ HEXOKINASE/  
HUMAN/ IN VITRO/ LACTATE  
DEHYDROGENASE/ LACTATES, metabolism/  
MAGNESIUM/ \*OXIDATIVE  
PHOSPHORYLATION/ PALMITIC ACID,  
pharmacodynamics/ PYRUVATE KINASE
1474. Doery JC, Hirsh J, De Gruchy GC: Platelet glycolytic enzymes: effect of cellular disruption procedures on activity. Brit J Haemat 19:145-57, Aug 70  
ALCOHOLS/ ALDOLASE, metabolism/ \*BLOOD  
PLATELETS, enzymology/ DIGITALIS  
GLYCOSIDES/ FREEZING/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
metabolism/ GLUCOSEPHOSPHATE  
ISOMERASE, metabolism/  
GLYCERALDEHYDEPHOSPHATE  
DEHYDROGENASE, metabolism/  
HEXOKINASE, metabolism/ HUMAN/  
HYDRO-LYASES, metabolism/ IN VITRO/  
ISOMERASES, metabolism/ LACTATE  
DEHYDROGENASE, metabolism/  
MICROSCOPY, ELECTRON/ NADP/  
PHOSPHOFRUCTOKINASE, metabolism/  
PHOSPHOGLUCONATE DEHYDROGENASE,  
metabolism/ PHOSPHOGLYCERATE KINASE,  
metabolism/ PHOSPHOTRANSFERASES,  
metabolism/ PYRUVATE KINASE, metabolism/  
SULFUR/ SURFACE-ACTIVE AGENTS/  
ULTRASONICS
1475. Dognon A, Simonot Y: Considérations sur la viscosité du sang (a propos de l'article de J.-P. Barras) Angelologie 22:223-31, Jul-Aug 70 (Fre)  
BLOOD, physiology/ BLOOD CIRCULATION



# AUTHOR SECTION

- TIME/ \*BLOOD VISCOSITY/ ERYTHROCYTES, physiology/ METHODS/ RHEOLOGY
1476. Dohan FC Jr, Rubman RH, Torriani A: In vitro synthesis of alkaline phosphatase monomers directed by E. coli messenger. Sympos Quant Biol 34:768-70, 1969  
\*ALKALINE PHOSPHATASE, biosynthesis/  
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ESCHERICHIA COLI, metabolism/ GENES, STRUCTURAL/ HEAT/ MUTATION/ PEPTIDE HYDROLASES/ RIBOSOMES, metabolism/ RNA, BACTERIAL, pharmacodynamics/ \*RNA, MESSENGER, pharmacodynamics/ STIMULATION, CHEMICAL
1477. Dohm GL, Kiser R, Kiser EJ, et al: Comparative effects of four uncouplers on the enthalpy change for mitochondrial oxidation of succinate by ferricyanide. J Biol Chem 245:2773-8, 10 Jun 70  
ADENINE NUCLEOTIDES, metabolism/  
ANIMAL EXPERIMENTS/  
\*BISHYDROXYCOUMARIN, pharmacodynamics/  
\*DINITROPHENOLS, pharmacodynamics/  
\*FERRICYANIDES, pharmacodynamics/  
MITOCHONDRIA, LIVER, drug effects/  
\*MITOCHONDRIA, LIVER, metabolism/  
\*OLEIC ACID, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION, drug effects/  
PHOSPHORUS, metabolism/ RATS/  
\*SUCCINATES, metabolism/  
THERMODYNAMICS/ TYROTHRIN, pharmacodynamics/ UNCOUPLING AGENTS, pharmacodynamics/ VIBRATION
1478. Dol E, Jirgensons B: Circular dichroism studies on the acid denaturation of gamma-immunoglobulin G and its fragments. Biochemistry (Wash) 9:1066-73, 3 Mar 70  
CHEMISTRY/ \*GAMMA GLOBULIN, 7S/  
HUMAN/ HYDROCHLORIC ACID/  
HYDROGEN-ION CONCENTRATION/  
IMMUNOGLOBULINS/ LIGHT/ MOLECULAR WEIGHT/ MULTIPLE MYELOMA/ OSMOLAR CONCENTRATION/ PEPTIDES/ PROTEIN DENATURATION/ TRYPSIN/  
ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS/ VISCOSITY
1479. Döckert B: Pharmaka, Arzneimittelabhängigkeit und Verkehrstüchtigkeit. Über die arzneimittelbedingte Beeinflussung des psychophysischen Leistungsvermögens und ihre Auswirkung im Straßenverkehr. Pharm Prax 1:1-6, 1970 (56 ref.) (Ger)  
ANALGESICS AND ANTIPYRETICS, adverse effects/  
ANESTHETICS, LOCAL, adverse effects/  
ANTICOAGULANTS, adverse effects/  
ANTICONVULSANTS, adverse effects/  
ANTIDEPRESSIVE AGENTS, adverse effects/  
ANTIDIABETICS, adverse effects/  
ANTIEMETICS, adverse effects/  
ANTIHISTAMINICS, adverse effects/  
ANTIHYPERTENSIVE AGENTS, adverse effects/  
\*AUTOMOBILE DRIVING/ DRUG ABUSE/ \*DRUG ADDICTION/ \*DRUG THERAPY, adverse effects/  
\*EFFICIENCY, drug effects/  
HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/  
INSULIN, adverse effects/  
MUSCLE RELAXANTS, CENTRAL, adverse effects/  
NARCOTICS, adverse effects/  
REVIEW/ TRANQUILIZING AGENTS, adverse effects
1480. Dolan AM, Metcalfe JB, Simani A, et al: Comparison of counterpulsation and balloon pumping for treating myocardial infarction. Trans Amer Soc Artif Intern Organs 16:455-8, 1970  
ANIMAL EXPERIMENTS/ \*ASSISTED CIRCULATION/ COMPARATIVE STUDY/ CORONARY VESSELS/ DOGS/  
ELECTROCARDIOGRAPHY/ HEMODYNAMICS/ HEMOSTASIS/ METHODS/ \*MYOCARDIAL INFARCT, therapy/ REGIONAL BLOOD FLOW
1481. Döll W, Schmidt H: Die Keimausbeute von Clostridien auf selektiven und nicht-selektiven Anaerobier-Nährböden, dargestellt an Reinkulturen von verschiedenen Clostridium-Species. Zbl Bakt [Orig] 212:109-14, Dec 69 (Ger)
- AGAR/ BACTERIOLOGICAL TECHNIQS/ BLOOD/ CLOSTRIDIUM, growth & development/ \*CLOSTRIDIUM, isolation & purification/ \*CULTURE MEDIA/ CYSTEINE/ CYSTINE/ NEOMYCIN/ PEPTONES/ POLYMYXIN/ SOY BEANS/ SPECIES SPECIFICITY/ SULFADIAZINE/ SULFITES/ TRYPSIN
1482. Dolly JO, Fottrell PF: Multiple forms of dipeptidases in normal human intestinal mucosa and in mucosa from children with coeliac disease. Clin Chlm Acta 28:555-8, Dec 69  
AMINO ACIDS, analysis/ AMINOACID OXIDOREDUCTASES/ BIOPSY/ \*CELIAC DISEASE, enzymology/ CHILD/ DIARRHEA/ \*DIPEPTIDASES, metabolism/ DIPEPTIDES/ DYES/ ELECTROPHORESIS/ GLUTAMATE DEHYDROGENASE/ HUMAN/ \*INTESTINAL MUCOSA, enzymology/ JEJUNUM, enzymology/ LEUCINE/ METHODS/ \*PEPTIDE HYDROLASES, metabolism/ PROLINE/ SNAKES
1483. Dolovich J, Back N, Arbesman CE: Kinin-like activity in nasal secretions of allergic patients. Int Arch Allerg 38:337-44, 1970  
AEROSOLS/ CARBOXYPEPTIDASES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ DIMERCAPROL, pharmacodynamics/ \*HAY FEVER, immunology/ HUMAN/ \*KININS/ MUCUS, enzymology/ \*MUCUS, immunology/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, immunology/ NASAL MUCOSA, secretion/ PEPTIDE PEPTIDOHYDROLASES, analysis/ POLLEN/ RESPIRATORY TRACT INFECTIONS, immunology/ SPUTUM, immunology
1484. Domenella G, Castaldi D, Traina GC: Amartomi vascolari capsulo-sinoviali (studio di un caso a localizzazione tibio-tarsica). Chlr Organi Mov 56:359-75, 1968 (Ita)  
ADOLESCENCE/ \*ANKLE JOINT/ FEMALE/ \*HAMARTOMA/ \*HEMANGIOMA, CAVERNOUS/ HUMAN/ \*TARSAL JOINT
1485. Dommergues JP, Auvert J, Lasfargues G, et al: Un cas de dérivation splénorénale spontanée efficace au cours d'un cavernome portal. Arch Franc Pediat 27:533-42, May 70 (Fre)  
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ \*ESOPHAGEAL VARICES/ FEMALE/ HEMANGIOMA, CAVERNOUS/ HUMAN/ \*HYPERTENSION, RENAL/ MALE/ NEOPLASMS, VASCULAR TISSUE/ \*PORTACAVAL ANASTOMOSIS/ PORTAL SYSTEM/ \*RENAL VEINS/ \*SPLENIC VEIN/ \*SPLENOMEGALY/ VENA CAVA, INFERIOR
1486. Domschke W, Weber HG: Untersuchungen zur Autolyse der Haut. 1. Der Einfluss einer Kombination von Na-Cu-Chlorophyllin und epsilon-Aminocapronsäure auf die Rest-N-Freisetzung und die Geroebsatmung von Hautexplantaten und die Wasserstoffionen-Konzentration in den Hautsuspensionen. Arzneimittelforschung 20:149-51, Jan 70 (Ger)  
\*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ AUTOLYSIS, prevention & control/ \*CHLOROPHYLL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*NITROGEN, metabolism/ \*OXYGEN CONSUMPTION, drug effects/ SKIN, analysis/ SKIN, drug effects/ \*SKIN, drug effects/ SWINE
1487. Domschke W, Weber HG: Untersuchungen zur Autolyse der Haut. 2. Der Einfluss einer Kombination von Na-Cu-Chlorophyllin und epsilon-Aminocapronsäure auf die extrazelluläre Glutamat-Oxalacetat-Transaminase-, Lactatdehydrogenase-, Tryptase- und Katherpsin-Aktivität explantierter Schnoelnhaut. Arzneimittelforschung 20:269-73, Feb 70 (Ger)  
\*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ASPARTATE



# AUTHOR SECTION

- AMINOTRANSFERASE, antagonists & inhibitors/ AUTOLYSIS, enzymology/  
 \*CATHEPSIN, antagonists & inhibitors/  
 \*CHLOROPHYLL, pharmacodynamics/ COPPER, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, enzymology/ \*LACTATE DEHYDROGENASE, antagonists & inhibitors/ \*SKIN, enzymology/ SODIUM, pharmacodynamics/ SWINE/ TEMPERATURE/ \*TRYPSIN, analysis
1488. Domschke W, Weber HG: Untersuchungen zur Autolyse der Haut. 3. Histologische Untersuchungen über die Autolyse von Hautexplantaten und deren mögliche Beeinflussung durch Na-Cu-Chlorophyllin und epsilon-Aminocapronsäure. *Arzneimittelforschung* 20:397-9, Mar 70 (Ger)  
 \*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ AUTOLYSIS, prevention & control/ \*CHLOROPHYLL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ HUMAN/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ \*SKIN, drug effects/ SKIN, pathology/ SWINE
1489. Domschke W, Weber HG: Konservierung explantierter Haut durch Na-Cu-Chlorophyllin und epsilon-Aminocapronsäure-Klinische und experimentelle Ergebnisse. *Bruns Beitr Klin Chir* 218:157-64, Apr 70 (Ger)  
 ADULT/ ALANINE AMINOTRANSFERASE, metabolism/ \*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATHEPSIN, metabolism/ \*CHLOROPHYLL, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ MALE/ OXYGEN CONSUMPTION/ SKIN, cytology/ \*SKIN, transplantation/ SWINE/ TISSUE DONORS/ \*TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS
1490. Donati MB, Vancoetsem T: Dosage du fibrinogène par le "fibrin-polymerization-time" test au fibromètre de Becton-Dickinson. *Path Biol (Paris)* 18:697-8, Jun-Jul 70 (Fre)  
 \*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, instrumentation/ \*FIBRINOGEN, analysis/ HUMAN/ METHODS/ TIME FACTORS
1491. Doncieux D, Pelisse JM: Les épistaxis. *Presse Med* 77:2091-5, 25 Dec 69 (Fre)  
 ADULT/ ANTICOAGULANTS, adverse effects/ ARTERIES/ BLOOD COAGULATION DISORDERS, complications/ \*EPISTAXIS/ EPISTAXIS, drug therapy/ EPISTAXIS, etiology/ EPISTAXIS, surgery/ HEAD INJURIES, complications/ HEMATOLOGIC DISEASES, complications/ HEMOSTASIS/ HUMAN/ HYPERTENSION, complications/ LIVER DISEASES, complications/ METHODS/ NOSE, anatomy & histology/ NOSE, blood supply/ NOSE DISEASES, complications/ TAMPONS
1492. Donders PC: Malignant melanoma of the choroid. An unusual variant. *Ophthalmologica (Basel)* 160:314-8, 1970  
 \*CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOEPERICYTOMA, diagnosis/ HUMAN/ \*MELANOMA, diagnosis/ MELANOMA, pathology/ MIDDLE AGE
1493. Donner L, Housková J: Vliv streptokinázy na některé funkce krevních destiček. *Sborn Lek* 72:57-62 passim, Mar 70 (Cze)  
 \*BLOOD PLATELETS, physiology/ BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ \*STREPTOKINASE, pharmacodynamics/ TIME FACTORS
1494. Donner L, Kiener P: Kolující antikoagulans proti prvé fázi krevního srážení. *Vnitřní Lek* 15:896-904, Sep 69 (Cze)
- ADULT/ AGED/ \*BLOOD COAGULATION DISORDERS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULIN, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ \*PROTHROMBIN, antagonists & inhibitors/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis
1495. Doolittle RF, Chen R, Glasgow C, et al: The molecular constancy of fibrinopeptides A and B from 125 individual humans. *Humangenetik* 10:15-29, 17 Aug 70  
 AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY/ EVOLUTION/ \*FIBRINOGEN, analysis/ HUMAN/ MOLECULAR BIOLOGY/ MONKEYS/ MUTATION/ PEPTIDES, isolation & purification
1496. Doolittle RF, Mross GA: Identity of chimpanzee with human fibrinopeptides. *Nature (London)* 225:643-4, 14 Feb 70  
 \*AMINO ACID SEQUENCE/ \*APES/ CHROMATOGRAPHY/ EVOLUTION/ \*FIBRINOGEN, analysis/ HUMAN/ \*PEPTIDES, analysis
1497. Doporto JM, Rafique M: Vascular insufficiency complicating trauma to the lower limb. *J Bone Joint Surg [Brit]* 51:680-5, Nov 69  
 ADULT/ ANGIOGRAPHY/ BANDAGES, adverse effects/ CASTS, SURGICAL, adverse effects/ DISLOCATIONS, complications/ \*FEMORAL ARTERY, injuries/ FEMORAL ARTERY, surgery/ \*FEMORAL FRACTURES, complications/ FIBULA, injuries/ FRACTURES, complications/ FRACTURES, UNUNITED, complications/ HEMATOMA, complications/ HUMAN/ \*ISCHEMIA, etiology/ \*KNEE INJURIES, complications/ \*LEG, blood supply/ MALE/ MIDDLE AGE/ \*POPLITEAL ARTERY, injuries/ POPLITEAL ARTERY, surgery/ SAPHEOUS VEIN/ THROMBOSIS, complications/ TIBIAL FRACTURES, complications/ VEINS, transplantation
1498. Doppman JL, Wirth FP Jr, Di Chiro G, et al: Value of cutaneous angliomas in the arteriographic localization of spinal-cord arteriovenous malformations. *New Eng J Med* 281:1440-4, 25 Dec 69  
 ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, radiography/ FEMALE/ HEMANGIOMA, diagnosis/ \*HEMANGIOMA, etiology/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ SKIN NEOPLASMS, complications/ \*SKIN NEOPLASMS, etiology/ SPINAL CORD, abnormalities/ \*SPINAL CORD, blood supply/ SPINAL CORD NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, diagnosis/ \*SPINAL CORD NEOPLASMS, radiography/ VALSALVA'S MANEUVER
1499. Doran FS, White M, Drury M: A clinical trial designed to test the relative value of two simple methods of reducing the risk of venous stasis in the lower limbs during surgical operations, the danger of thrombosis, and a subsequent pulmonary embolus, with a survey of the problem. *Brit J Surg* 57:20-30, Jan 70  
 ADULT/ AGED/ BISHYDROXYCOUMARIN, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ ELECTRIC STIMULATION/ FEMALE/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ \*LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTURE/ \*PULMONARY EMBOLISM, prevention & control/ STATISTICS/ \*THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR
1500. Dordević BS, Bošnjaković V, Baklaja-Jevremović R, et al: Biološki poluživot fibrinogena obeleženog



# AUTHOR SECTION

- radioaktivnim jodom J-131 u koronarnoj bolesti.  
Acta Med Jugosl 24:7-19, 1970 (Cro)  
ADULT/ AGED/ BLOOD COAGULATION/  
CARDIOVASCULAR DISEASES, drug therapy/  
\*CORONARY DISEASE, blood/ ENGLISH  
ABSTRACT/ ETHYL BISCUOMACETATE,  
therapeutic use/ FEMALE/ \*FIBRINOGEN,  
analysis/ HEMOSTASIS/ HUMAN/ MALE/  
MIDDLE AGE/ \*MYOCARDIAL INFARCT,  
blood/ MYOCARDIAL INFARCT, drug therapy
1501. Dorer FE, Skeggs LT, Kahn JR, et al: Angiotensin  
converting enzyme: method of assay and partial  
purification. Anal Biochem 33:102-13, Jan 70  
AMMONIUM COMPOUNDS/ ANGIOTENSIN/  
ANGIOTENSINASE, analysis/ ANIMAL  
EXPERIMENTS/ AUTOANALYSIS,  
instrumentation/ BARBITURATES/  
BIOLOGICAL ASSAY/ BLOOD PRESSURE,  
drug effects/ CHROMATOGRAPHY/  
CHROMATOGRAPHY, ION EXCHANGE/  
DIPEPTIDES/ EDTA/ HORSES/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ \*PEPTIDE HYDROLASES,  
analysis/ PEPTIDE HYDROLASES, antagonists  
& inhibitors/ PEPTIDE HYDROLASES, blood/  
PEPTIDE HYDROLASES, isolation &  
purification/ PRECIPITATION/ RATS/  
SULFATES/ SWINE/ TRACE ELEMENTS
1502. Dormandy KM, Madgwick JC: The management of  
acute haemarthroses and muscle haemorrhages.  
Bibl Haemat 34:164-9, 1970  
EXERCISE THERAPY/ \*FACTOR VIII,  
therapeutic use/ \*HEMARTHROSIS, therapy/  
\*HEMORRHAGE, therapy/ HOSPITAL  
OUTPATIENT CLINICS/ HUMAN/  
IMMOBILIZATION/ MALE/ \*MUSCULAR  
DISEASES, therapy/ PREDNISOLONE,  
therapeutic use/ SPLINTS
1503. Dorofeeva RP: Nekotorye pokazateli svertyvalushchei  
sistemy krovi i antitrombinovopl aktivnosti pri  
zatiazhnykh formakh infektsionnogo gepatita.  
Vrach Delo 10:102-4, Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ \*ANTITHROMBIN,  
metabolism/ \*BLOOD COAGULATION  
DISORDERS, etiology/ ENGLISH ABSTRACT/  
\*HEPATITIS, INFECTIOUS, blood/  
HEPATITIS, INFECTIOUS, complications/  
HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/  
MIDDLE AGE/ TIME FACTORS
1504. Dorsit G, Gonin A: Le traitement médical des embolies  
pulmonales. Rev Lyon Med Suppl 16:47+, 1969 (Fre)  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*PULMONARY EMBOLISM, drug  
therapy
1505. Dosik H, Tricarico F: Haemolytic-uraemic syndrome  
following mumps vaccination. Lancet 1:247, 31 Jan 70  
\*ANEMIA, HEMOLYTIC, etiology/ FEMALE/  
HUMAN/ INFANT/ \*KIDNEY FAILURE,  
ACUTE, etiology/ MUMPS, prevention &  
control/ MUMPS VACCINE, adverse effects/  
\*MUMPS VIRUS/ THROMBOPENIA, etiology/  
VACCINATION/ \*VIRAL VACCINES, adverse  
effects
1506. Doszpod J, Than G, Bobest M: Ein histologisch  
bestätigter Fall von letaler Fruchtwasserembolie.  
Zbl Gynaek 91:1510-6, 15 Nov 69 (Ger)  
ADULT/ \*EMBOLISM, AMNIOTIC FLUID,  
complications/ EMBOLISM, AMNIOTIC FLUID,  
etiology/ EMBOLISM, AMNIOTIC FLUID,  
pathology/ FEMALE/ FIBRINOGEN,  
therapeutic use/ FIBRINOLYSIS/ HUMAN/  
PREGNANCY/ \*PULMONARY EMBOLISM,  
etiology/ PULMONARY EMBOLISM, pathology/  
UTERINE RUPTURE, complications
1507. Doty DB, Berman IR: Control of hepatic venous  
bleeding by transvenous balloon catheter.  
Surg Gynec Obstet 131:449-52, Sep 70  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/  
\*CATHETERIZATION/ CATHETERIZATION,  
instrumentation/ DOGS/ \*HEMORRHAGE,  
therapy/ \*HEMOSTASIS/ \*HEPATIC VEINS/  
\*VENA CAVA, INFERIOR
1508. Doty DB, Kugler HW, Moseley RV: Control of the  
hepatic parenchyma by direct compression: a new  
instrument. Surgery 67:720-4, Apr 70  
ADULT/ DEBRIDEMENT/ \*HEMOSTASIS,  
instrumentation/ \*HEPATECTOMY/ HUMAN/  
\*LIVER, injuries/ \*LIVER, surgery/ MALE/  
METHODS/ \*MILITARY MEDICINE,  
instrumentation/ \*SURGICAL INSTRUMENTS/  
UNITED STATES/ VIETNAM/ \*WOUNDS,  
GUNSHOT, surgery
1509. Dougherty WJ, Lee MM: Electron microscopic  
observations on glycerol-extracted rabbit muscles  
treated with dialyzed iron at low pH.  
J Ultrastruct Res 31:1-15, Apr 70  
ANIMAL EXPERIMENTS/ DIALYSIS/  
GLYCERIN/ HISTOCYTOCHEMISTRY/  
HYDROGEN-ION CONCENTRATION/ \*IRON/  
MICROSCOPY, ELECTRON/ MICROSCOPY,  
POLARIZATION/ MUCOPOLYSACCHARIDES,  
analysis/ \*MYOFIBRILS/ OSMOLAR  
CONCENTRATION/ RABBITS/ \*STAINS AND  
STAINING/ TRYPSIN
1510. Douglas WH, Ripley RC, Ellis RA: Enzymatic digestion  
of desmosome and hemidesmosome plaques  
performed on ultrathin sections.  
J Cell Biol 44:211-4, Jan 70  
ANIMAL EXPERIMENTS/ CELL MEMBRANE,  
FISHES/ FROGS/ \*HISTOLOGICAL  
TECHNIQUES/ \*INTESTINE, SMALL, cytology/  
MICROSCOPY, ELECTRON/ \*PEPTIDE  
HYDROLASES/ \*SKIN, cytology
1511. Dounce AL, Ickowicz R: The use of low concentration  
of heavy metals in the isolation of rat liver nuclei.  
Arch Biochem 137:143-55, Mar 70  
ACETATES/ ANIMAL EXPERIMENTS/  
\*CADMIUM/ CALCIUM/ \*CELL NUCLEUS/  
CELL NUCLEUS, analysis/ CELL NUCLEUS,  
drug effects/ CELL NUCLEUS, enzymology/  
CHLORIDES/ COPPER/ DNA, analysis/  
ELECTROPHORESIS, DISK/ GLOBULINS,  
analysis/ HISTONES, analysis/  
HYDROGEN-ION CONCENTRATION/ \*INDIUM/  
\*LEAD/ \*LIVER, cytology/ MAGNESIUM/  
MERCURY/ METALS, pharmacodynamics/  
METHODS/ OSMOLAR CONCENTRATION/  
PEPTIDE HYDROLASES, analysis/ PROTEINS,  
analysis/ RATS/ SPECTROPHOTOMETRY/  
SUCROSE/ SULFATES
1512. Dowhan W Jr, Snell EE: D-serine dehydratase from  
Escherichia coli. II. Analytical studies and subunit  
structure. J Biol Chem 245:4618-28, 25 Sep 70  
ALKYLATION/ BINDING SITES/  
CHLOROMERCURIBENZOATES/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CYSTINE, analysis/ DETERGENTS/  
ELECTROPHORESIS/ ESCHERICHIA COLL,  
enzymology/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/  
\*HYDRO-LYASES/ METHIONINE, analysis/  
MOLECULAR WEIGHT/ NITROBENZENES/  
OXIDATION-REDUCTION/ PYRIDOXAL  
PHOSPHATE, analysis/ SERINE  
DEHYDRATASE/ SERINE DEHYDRATASE,  
analysis/ SERINE DEHYDRATASE, isolation  
purification/ SPECTROPHOTOMETRY/  
SULFIDES, analysis/ TRYPSIN/  
ULTRACENTRIFUGATION
1513. Downie JC: Neuraminidase- and  
hemagglutinin-inhibiting antibodies in serum &  
nasal secretions of volunteers immunized with  
attenuated and inactivated influenza B-Eng-13  
virus vaccines. J Immun 105:620-6, Sep 70  
ABSORPTION/ ADULT/ \*ANTI-ANTIBODIES,  
analysis/ ANTIBODIES, analysis/ \*ANTIBODY  
FORMATION/ HEMAGGLUTINATION  
INHIBITION TESTS/ HUMAN/ \*INFLUENZA  
VACCINE/ INFLUENZA VIRUSES, drug  
effects/ INFLUENZA VIRUSES, enzymology/  
MALE/ \*MUCUS, immunology/  
\*NEURAMINIDASE/ NEUTRALIZATION  
TESTS/ PEPTIDE HYDROLASES,  
pharmacodynamics
1514. Doyle JT: Remediable precursors of coronary artery  
disease. Ann Intern Med 73:131-3, Jul 70



## AUTHOR SECTION

- ARTERIOSCLEROSIS, etiology/ \*CORONARY DISEASE, etiology/ DIABETES MELLITUS, complications/ DIET, ATHEROGENIC/ DIET, REDUCING/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ LIPIDS, metabolism/ MYOCARDIAL INFARCT, etiology/ SMOKING, complications
1515. Dragomir D, Jitaru I, Chifan M: Flebangiom al brațului. Rev Medicochir Iasi 73:1001-3, Oct-Dec 69 (Rum)  
ADULT/ \*ARM/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA/ HUMAN
1516. Dragomir N, Mihălescu M, Gligor V, et al: Acțiunea fenobarbitalului asupra circulației mezenterice și asupra procesului de coagulare. Fiziol Norm Pat 16:257-63, May-Jun 70 (Rum)  
ANIMAL EXPERIMENTS/ \*BLOOD CIRCULATION, drug effects/ \*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ \*MESENTERY, blood supply/ \*PHENOBARBITAL, pharmacodynamics/ RABBITS/ RATS
1517. Dratman MB, Richter ME, Lynch HA: Incorporation of thyroxin carbon in protein fractions of Rana catesbeiana tadpole nervous system, liver and tail. Endocrinology 86:217-24, Feb 70  
ANIMAL EXPERIMENTS/ \*BRAIN, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ FROGS, growth & development/ IODINE ISOTOPES/ IODOPROTEINS, biosynthesis/ \*LIVER, metabolism/ METAMORPHOSIS, BIOLOGICAL/ \*NERVE TISSUE PROTEINS, biosynthesis/ PEPTIDE HYDROLASES/ \*PROTEINS, biosynthesis/ SURFACE-ACTIVE AGENTS/ \*TAIL, metabolism/ \*THYROXINE, metabolism/ TRICHLOROACETIC ACID
1518. Drdková S, Zaloudek M: Infarkt myokardu jako stochastický jev. Česk Zdrav 17:437-9, 1969 (Cze)  
ADULT/ AGED/ CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ \*ETHYL BISCUOMACETATE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, occurrence/ \*PROBABILITY/ STATISTICS/ TIME FACTORS
1519. Drescher KH: Screeningsteste für Gerinnungsstörungen. Med Lab (Stuttgart) 22:204-12, Sep 69 (Ger)  
\*BLOOD COAGULATION DISORDERS, blood/ \*BLOOD COAGULATION TESTS/ HUMAN/ METHODS/ TECHNOLOGY, MEDICAL
1520. Drevina AI, Tokarev BV, Grinshtein Eia: Lechenie ostrykh arterial'nykh trombozov i émbolii sosudov konechnostei preparatami tromboliticheskogo deistviia. Khirurgiia (Moskva) 45:28-30, Jun 69 (Rus)  
\*EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ EXTREMITIES, blood supply/ FIBRINOLYSIS, therapeutic use/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ \*THROMBOSIS, drug therapy
1521. Dreyer MS, Omar Lebas J, Willer de Contardi N, et al: Diátesis hemorrágica (pseudo hemofilia) por inhibidor específico del factor VIII. Prensa Med Argent 57:21-9, 6 Mar 70 (Spa)  
BLOOD COAGULATION FACTORS/ CARCINOMA, EPIDERMOID, complications/ CARCINOMA, EPIDERMOID, diagnosis/ \*FACTOR VIII, antagonists & inhibitors/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, diagnosis/ MIDDLE AGE/ PANCREATIC NEOPLASMS, complications/ PANCREATIC NEOPLASMS, diagnosis/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ VATER'S AMPULLA
1522. Dreyfus B, Rochant H, Sultan C, et al: Les anémies réfractaires avec excès de myéloblastes dans la moelle. Etude de onze observations. Presse Med 78:359-64, 14 Feb 70 (Fre)  
ADULT/ AGED/ \*ANEMIA/ ANEMIA, diagnosis/ ANEMIA, drug therapy/ ANEMIA, etiology/ ANEMIA, immunology/ ANEMIA, physiopathology/ BLOOD PLATELETS/ BONE MARROW, drug effects/ \*BONE MARROW CELLS/ BONE MARROW EXAMINATION/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, ABNORMAL/ FEMALE/ HUMAN/ LEUKEMIA, MYELOBLASTIC, diagnosis/ LEUKOCYTES/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE
1523. Drobintseva IV: Villanie kortizona dezoksikortikosterona i insulina na fibrinogenoobrazovatel'nuu funktsiu pecheni pri ee toksicheskom porazhenii. Probl Endokr (Moskva) 13:76-9, Jul-Aug 67 (Rus)  
ANIMAL EXPERIMENTS/ \*CORTISONE, pharmacodynamics/ \*DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ \*FIBRINOGEN, biosynthesis/ FIBRINOGEN, blood/ HEPATITIS, TOXIC, etiology/ \*INSULIN, pharmacodynamics/ \*LIVER, drug effects/ LIVER, metabolism/ LIVER, pathology/ RATS
1524. Drozdov DD, Luganskii IuN: Pokazateli gemodinamiki u bol'nykh gl'pertonicheskoi bolezni'u pri lechenii geparinom i sochetaniem ego s rezerpinom. Vrach Delo 5:143-5, May 69 (Rus)  
ADULT/ AGED/ FEMALE/ \*HEMODYNAMICS, drug effects/ \*HEPARIN, therapeutic use/ HUMAN/ \*HYPERTENSION, drug therapy/ MALE/ MIDDLE AGE/ \*RESERPINE, therapeutic use
1525. Drożdż H, Jędrychowski A: Diagnostic value of liver excretory enzymes. Pol Arch Med Wewnet 4:529-34, Apr-May 70  
ACUTE DISEASE/ ACYLTRANSFERASES, blood/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIARY TRACT DISEASES, diagnosis/ CHILD/ CHOLINESTERASE, blood/ CHRONIC DISEASE/ ENZYME TESTS/ FEMALE/ GLUCURONIDASE, blood/ HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ \*LIVER, enzymology/ LIVER CIRRHOSIS, diagnosis/ \*LIVER DISEASES, diagnosis/ MALE/ PROTHROMBIN, analysis/ TIME FACTORS
1526. Drożdż H, Jędrychowski A, Mysik M: Badania enzymatyczne i inne wskaźniki czynnościowe w marskości wątroby. Przegl Lek 25:739-42, 1969 (Pol)  
ADULT/ AGED/ \*CHOLINESTERASE, blood/ ENGLISH ABSTRACT/ \*ENZYME TESTS/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ \*LIVER CIRRHOSIS, enzymology/ MIDDLE AGE/ \*PROTHROMBIN, analysis/ SULFOBROMOPHTHALEIN, diagnostic use
1527. Druzhinina VS: Dva sluchala gemendotelomy legkogo. Vestn Rentgen Radiol 44:98-100, Mar-Apr 69 (Rus)  
ADULT/ FEMALE/ HEMANGIOENDOTHELIOMA, pathology/ \*HEMANGIOENDOTHELIOMA, radiography/ HUMAN/ LUNG NEOPLASMS, pathology/ \*LUNG NEOPLASMS, radiography/ MALE
1528. D'Souza CR, Richard HL: Ectopic pregnancy in a bernal sac: a case report. Canad J Surg 13:166-7, Apr 70  
ADULT/ FALLOPIAN TUBES/ FEMALE/ HEMATOMA, complications/ HUMAN/ \*INGUINAL HERNIA, complications/ INGUINAL HERNIA, surgery/ PREGNANCY/ \*PREGNANCY, ECTOPIC/ PREGNANCY, ECTOPIC, surgery
1529. Du JN, Briggs JN, Young G: Disseminated intravascular coagulopathy in hyaline membrane disease: massive thrombosis following umbilical artery catheterization. Pediatrics 45:287-9, Feb 70  
\*BLOOD COAGULATION DISORDERS,



# AUTHOR SECTION

- complications/ CASE REPORT/  
\*CATHETERIZATION, adverse effects/  
HUMAN/ \*HYALINE MEMBRANE DISEASE,  
complications/ ILIAC ARTERY/ INFANT,  
NEWBORN/ MALE/ \*THROMBOSIS,  
complications/ UMBILICAL ARTERIES
1530. Duarte-Contreras A, Coronel-Becerra JG, Luzardo LF:  
Agentes farmacológicos que afectan al feto.  
Rev Colomb Obstet Ginec 20:309-25, Sep-Oct 69 (119  
ref.) (Spa)  
ANTIBIOTICS, pharmacodynamics/  
ANTICOAGULANTS, pharmacodynamics/  
ANTINEOPLASTIC AGENTS,  
pharmacodynamics/ DRUG THERAPY, adverse  
effects/ FEMALE/ \*FETUS, drug effects/  
HORMONES, pharmacodynamics/ HUMAN/  
\*MATERNAL-FETAL EXCHANGE/ MORPHINE,  
pharmacodynamics/ PREGNANCY/ REVIEW/  
SEX HORMONES, pharmacodynamics/  
SMOKING, complications/ SULFONAMIDES,  
pharmacodynamics/ THIAZOLES,  
pharmacodynamics/ TRANQUILIZING AGENTS,  
pharmacodynamics/ VACCINES,  
pharmacodynamics/ VITAMINS,  
pharmacodynamics
1531. Dubarry JJ, Moulinier J, Quinton A, et al: Un cas de  
purpura thrombopénique  
post-transfusionnel (Syndrome de Shulman)  
Bordeaux Med 3:911-6, Apr 70 (Fre)  
BLOOD GROUP INCOMPATIBILITY/ BLOOD  
PLATELETS, immunology/ \*BLOOD  
TRANSFUSION, adverse effects/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/  
ISOANTIBODIES, analysis/ MIDDLE AGE/  
\*PURPURA, THROMBOPENIC, etiology
1532. Dube B, Agarwal SP, Gupta MM, et al: Congenital  
deficiency of fibrinogen in two sisters. A clinical and  
haematological study.  
Acta Haemat (Basel) 43:120-7, 1970  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ADULT/ \*AFIBRINOGENEMIA, familial &  
genetic/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS, drug effects/ BLOOD  
PLATELETS, metabolism/ CHILD/  
COLLAGEN, pharmacodynamics/  
CONSANGUINITY/ EPINEPHRINE,  
pharmacodynamics/ FEMALE/ FIBRINOGEN,  
analysis/ HUMAN/ KAOLIN,  
pharmacodynamics/ NOREPINEPHRINE,  
pharmacodynamics/ PEDIGREE/ PLATELET  
ADHESIVENESS, drug effects/ THROMBIN,  
pharmacodynamics
1533. Dubiaga AN: Funktsional'ne narusheniia delatel'nosti  
kischechnika pri spacehnoi bolezni.  
Sovet Med 32:76-9, 1969 (Rus)  
ADHESIONS, complications/ ADULT/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*INTESTINAL OBSTRUCTION, etiology
1534. Dubilei VV, Gartsueva TP: Lechenie bol'nykh s  
legochnoi i legochnoserdechnoi nedostatochnost'iu.  
Sovet Med 32:146-7, Jan 69 (Rus)  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*PULMONARY HEART DISEASE,  
drug therapy/ \*RESPIRATORY TRACT  
DISEASES, drug therapy
1535. Dubois MP: Conservation d'hématies destinées aux  
réactions d'immunohémolyse.  
Path Biol (Paris) 17:791-2, Aug-Sep 69 (Fre)  
ANIMAL EXPERIMENTS/ AZIDES/ \*BLOOD  
PRESERVATION/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ \*HEMOLYSIS/ METHODS/  
\*SERODIAGNOSIS/ SHEEP/ SODIUM
1536. Dubois-Poulsen A, Magis C: Essai de détermination de  
la densité d'énergie nécessaire pour obtenir une  
photocoagulation rétinienne.  
Docum Ophthalmol 26:698-710, 1969 (Fre)  
ANGIOMATOSIS, radiotherapy/  
\*CALORIMETRY/ DIABETIC RETINOPATHY,  
radiotherapy/ ENGLISH ABSTRACT/ EYE  
NEOPLASMS, radiotherapy/ HUMAN/ LIGHT/  
\*LIGHT COAGULATION/ METHODS/  
PIGMENTATION/ \*RETINA/ RETINA,  
injuries/ RETINAL DETACHMENT,  
radiotherapy/ RETINAL HEMORRHAGE,  
radiotherapy/ TIME FACTORS
1537. Dubovi EJ, Akers TG: Airborne stability of tallies  
bacterial viruses S-13 and MS-2.  
Appl Microbiol 19:624-6, Apr 70  
\*AEROSOLS/ \*COLIPHAGES, growth &  
development/ CULTURE MEDIA/  
ESCHERICHIA COLI/ \*HUMIDITY/  
PEPTONES/ TRYPSIN/ VIRUS REPLICATION
1538. Dubovskii VG, Dubakina LN: Klinicheskie i  
epidemiologicheskie pokazateli effektivnosti  
lechenia ostroi dizenterii differentsirobannym  
metodom. Zh Mikrobiol 47:39-43, Jan 70 (Rus)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
ALKALINE PHOSPHATASE, analysis/  
\*ANTI-INFECTION AGENTS, administration &  
dosage/ \*CHLORAMPHENICOL, administration  
& dosage/ \*DYSENTERY, BACILLARY, drug  
therapy/ DYSENTERY, BACILLARY,  
enzymology/ ENGLISH ABSTRACT/ FECES,  
enzymology/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ PEPTIDE  
PEPTIDOHYDROLASES, analysis
1539. Duca E, Bulac D, Bernescu E, et al: Efectul conditiilor  
de recoltare si conservare a serurilor pina la  
momentul testarii, asupra eficientei adsorbției de  
caolin sau extractiei cu acetona in vederea RIH a  
virusul West Nile.  
Stud Cercet Infamicrobiol 20:365-72, 1969 (Rum)  
ACETONE/ \*ARBOVIRUS INFECTIONS,  
diagnosis/ ARBOVIRUS INFECTIONS,  
immunology/ BLOOD PRESERVATION/  
BLOOD SPECIMEN COLLECTION/  
\*ENCEPHALITIS VIRUSES/ ENGLISH  
ABSTRACT/ HEMAGGLUTINATION  
INHIBITION TESTS/ HUMAN/ KAOLIN/  
REFRIGERATION/ SERODIAGNOSIS/ WEST  
NILE VIRUS
1540. Duck HJ: Kälteurtikaria und Kininsystem.  
Deutsch Med Wschr 94:2059-60, 3 Oct 69 (Ger)  
ADOLESCENCE/ BLOOD PROTEIN  
DISORDERS, blood/ BLOOD PROTEIN  
DISORDERS, complications/ \*COLD/  
CRYOGLOBULINS/ FEMALE/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR, blood/  
\*KININS, metabolism/ URTICARIA, blood/  
URTICARIA, complications/ \*URTICARIA,  
metabolism
1541. Ducker TB, Assenmacher DR: Microvascular response  
to experimental spinal cord trauma.  
Surg Forum 20:428-30, 1969  
ANIMAL EXPERIMENTS/ BLOOD VESSELS,  
pathology/ HEMATOMA, pathology/  
HEMORRHAGE, pathology/ MONKEYS/  
NECROSIS/ REGIONAL BLOOD FLOW/  
\*SPINAL CORD, blood supply/ SPINAL  
CORD, pathology/ SPINAL CORD INJURIES,  
pathology/ \*SPINAL CORD INJURIES,  
physiopathology
1542. Duckert F: Hereditärer Mangel an  
Factor-XIII-Aktivität-synthese eines funktionalen  
Proteins. Schweiz Med Wschr 100:328, 14 Feb 70 (Ger)  
\*BLOOD COAGULATION DISORDERS, familial  
& genetic/ BLOOD PROTEINS, analysis/  
\*BLOOD PROTEINS, biosynthesis/ \*FACTOR  
XIII, analysis/ GEL DIFFUSION TESTS/  
HEMORRHAGIC DIATHESIS, immunology/  
HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/  
NEUTRALIZATION TESTS
1543. Ducos J: Immunisations foeto-maternelles non  
érythrocytaires.  
Rev Franc Transfus 12:Suppl:221-43, 1969 (112 re-  
f.) (Fr)  
AMNIOTIC FLUID/ ANTIBODIES/ ANTIBODY  
FORMATION/ ANTIGENS/ \*BLOOD  
PLATELETS, immunology/ BLOOD PROTEIN  
EXCHANGE TRANSFUSION/ FEMALE/  
FETOMATERNAL TRANSFUSION/ FETUS,  
immunology/ HEPATITIS, immunology/  
HUMAN/ IMMUNIZATION/ INFANT,  
NEWBORN/ INFANT, NEWBORN, DISEASES  
immunology/ \*LEUKOCYTES, immunology/



# AUTHOR SECTION

- LEUKOPENIA, immunology/ LIVER, immunology/ NEOPLASM  
TRANSPLANTATION/ PLACENTA, immunology/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, immunology/ RABBITS/  
REVIEW/ SKIN, transplantation/  
THROMBOPENIA, immunology
1544. Dudko NE, Dashkevich VD, Zverkova AS, et al: Nekotorye dannye izuchenia krovi raznykh srokov khraneniia, konservirovannoi rastvorom TsOLIPK-13. Probl Gemat 15:18-20, Mar 70 (Rus)  
\*BLOOD PRESERVATION/ \*CITRATES/  
HUMAN/ METHODS/ \*SODIUM/ TIME  
FACTORS
1545. Dudley GM 3d, Colman CA Jr: Resolution of ineffective erythropoiesis of pernicious anemia and "strongly suggestive" folate lack in response to folic acid. Amer J Clin Nutr 23:147-55, Feb 70  
ADULT/ \*ANEMIA, PERNICIOUS, drug  
therapy/ BILIRUBIN/ BLOOD PLATELETS,  
drug effects/ ERYTHROPOIESIS, drug effects/  
FEMALE/ \*FOLIC ACID, therapeutic use/  
\*FOLIC ACID DEFICIENCY, drug therapy/  
HAPTOGLOBINS/ HEMOGLOBIN/ HUMAN/  
LACTATE DEHYDROGENASE, metabolism/  
LEUKOCYTES, drug effects/  
RETICULOCYTES, drug effects
1546. Duello TJ, Matschiner JT: Identification of phyloquinone in horse liver. Arch Biochem 138:640-5, Jun 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ CHROMATOGRAPHY, THIN LAYER/  
HORSES/ HYDROGEN-ION CONCENTRATION/  
\*LIVER, analysis/ SPECTROPHOTOMETRY/  
SPECTRUM ANALYSIS/ ULTRAVIOLET  
RAYS/ \*VITAMIN K, analysis
1547. Dufault C, Viallet A, Lavoie P, et al: Lipides et facteurs de coagulation dans les veines porte et sus-hépatique des cirrhotiques. Un Med Canada 99:442-8, Mar 70 (Fre)  
\*BLOOD COAGULATION FACTORS/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEPATIC VEINS/  
HUMAN/ \*LIPIDS, blood/ LIVER  
CIRCULATION/ LIVER CIRRHOSIS, blood/  
\*LIVER CIRRHOSIS, metabolism/ MALE/  
\*PORTAL VEIN
1548. Duffey PH: Disseminated intravascular coagulation and fibrinolysis. Arizona Med 27:88-9, Apr 70  
\*AFIBRINOGENEMIA, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ \*FIBRINOLYSIS/ HUMAN
1549. Duffy JL, Cinque T, Grishman E, et al: Intraglomerular fibrin, platelet aggregation, and subendothelial deposits in lipid nephrosis. J Clin Invest 49:251-8, Feb 70  
ADOLESCENCE/ ADULT/ AGED/ ALPHA  
GLOBULIN, analysis/ BIOPSY/ \*BLOOD  
PLATELETS/ CHILD/ CHILD, PRESCHOOL/  
CHOLESTEROL, blood/ CHRONIC DISEASE/  
FEMALE/ \*FIBRIN, metabolism/  
GLOMERULONEPHRITIS, metabolism/  
HEMATURIA, metabolism/  
HISTOCYTOCHEMISTRY/ HUMAN/ \*KIDNEY  
GLOMERULUS, metabolism/ MALE/  
MICROSCOPY, ELECTRON/ MIDDLE AGE/  
NEPHROSIS, LIPOID, blood/ NEPHROSIS,  
LIPOID, drug therapy/ \*NEPHROSIS, LIPOID,  
metabolism/ NEPHROSIS, LIPOID, pathology/  
NEPHROTIC SYNDROME, metabolism/ SEX  
FACTORS/ STEROIDS, therapeutic use
1550. Dugas H: The stereospecificity of subtilisin BPN<sup>1</sup> towards 1-keto-3-carbomethoxy-1,2,3,4-tetrahydroisoquinoline. Canad J Biochem 47:985-7, Oct 69  
BACTERIA, enzymology/ BENZOATES/  
BINDING SITES/ CHEMISTRY/  
CHYMOTRYPSIN/ \*ISOQUINOLINES/  
KETONES/ KINETICS/ \*PEPTIDE  
PEPTIDOHYDROLASES/ STEREOISOMERS
1551. Duggan PF, Martonosi A: Sarcoplasmic reticulum. IX. The permeability of sarcoplasmic reticulum membranes. J Gen Physiol 56:147-67, Aug 70
- ACETATES, metabolism/ ADENOSINE  
TRIPHOSPHATASE, metabolism/ ADENOSINE  
TRIPHOSPHATE, metabolism/ \*CALCIUM,  
metabolism/ CARBON ISOTOPES/ CITRATES,  
metabolism/ DEXTRAN, metabolism/ EDTA,  
pharmacodynamics/ ELECTROPHORESIS/  
\*ENDOPLASMIC RETICULUM/ ENDOPLASMIC  
RETICULUM, metabolism/ HYDROGEN-ION  
CONCENTRATION/ INSULIN, metabolism/  
ION EXCHANGE/ MAGNESIUM, metabolism/  
\*MEMBRANES/ \*MICROSOMES, metabolism/  
\*MUSCLE CONTRACTION/ \*MUSCLES,  
cytology/ MUSCLES, metabolism/  
PERMEABILITY/ PHOSPHOLIPASE/  
POTASSIUM, metabolism/ SUCROSE,  
metabolism/ TEMPERATURE/ TRYPSIN/  
ULTRACENTRIFUGATION/ UREA,  
metabolism/ WATER-ELECTROLYTE  
BALANCE
1552. Duhamel G, Najman A, André R: L'histologie de la moelle osseuse dans la maladie de Vaquez et le problème de la myélosclérose. A propos de 70 biopsies. Nouv Rev Franc Hemat 10:209-22, Mar-Apr 70 (Fre)  
BLOOD PLATELET DISORDERS, pathology/  
\*BONE MARROW, pathology/ BONE MARROW  
DISEASES, pathology/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
ERYTHREMIC MYELOSIS, complications/  
\*ERYTHREMIC MYELOSIS, pathology/  
ERYTHREMIC MYELOSIS, radiotherapy/  
FEMALE/ HUMAN/ MALE/  
MEGAKARYOCYTES/ MIDDLE AGE/  
MYELOFIBROSIS, etiology/ PHOSPHORUS  
ISOTOPES/ RETICULIN/ SPLENOMEGALY,  
etiology/ TIME FACTORS
1553. Dulock MA, Kolmen SN: Fibrinogen recovery in fibrinolytic dogs. Influence of vitamin K. Thromb Diath Haemorrh 23:58-63, 28 Feb 70  
\*AFIBRINOGENEMIA, blood/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION  
TESTS/ CYPROHEPTADINE,  
pharmacodynamics/ DOGS/ \*FIBRINOGEN,  
biosynthesis/ HEMATOCRIT/ HISTAMINE  
LIBERATION/ \*HYPOPROTHROMBINEMIAS,  
blood/ PLASMINOGEN, metabolism/  
PROTHROMBIN, biosynthesis/  
STREPTOKINASE, pharmacodynamics/  
\*VITAMIN K, metabolism/ WARFARIN,  
pharmacodynamics
1554. Duma D, Papilian VV, Serban M, et al: Mielita necrotică angiohipertrofică și angiomul venos al măduvei. Neurologia (Bucur) 14:423-33, Sep-Oct 69 (Rum)  
AGED/ ENGLISH ABSTRACT/  
HEMANGIOMA, complications/ HUMAN/  
MALE/ \*MYELITIS, complications/ \*SPINAL  
CORD NEOPLASMS, complications
1555. Dumitrescu C, Mihalache N, Chiștu N: Fibrinoliza în obezitate. Med Intern (Bucur) 21:857-84, Jul 69 (Rum)  
ADULT/ ENGLISH ABSTRACT/ \*FASTING,  
adverse effects/ FEMALE/ \*FIBRINOLYSIS/  
\*HEMORRHAGE, etiology/ HUMAN/ \*LIPIDS,  
metabolism/ MALE/ MIDDLE AGE/ OBESITY,  
complications/ \*OBESITY, metabolism
1556. Dumitrescu C, Mihalache N: Consideratii asupra corelatiei dintre lipidele si fibrinogenul plasmatic si activitatea fibrinolitica in postul acut la obezi. Med Intern (Bucur) 21:1093-101, Sep 69 (Rum)  
ADULT/ BLOOD PROTEINS, analysis/  
CHOLESTEROL, blood/ ENGLISH ABSTRACT/  
\*FASTING/ FEMALE/ \*FIBRINOGEN, analysis/  
\*FIBRINOLYSIS, analysis/ HUMAN/ \*LIPIDS,  
blood/ LIPOPROTEINS, blood/ MALE/  
MIDDLE AGE/ \*OBESITY, therapy/  
PHOSPHOLIPIDS, blood/ TRIGLYCERIDES,  
blood
1557. Dumont AE, Amorosi E, Stahl WM: Significance of splenomegaly in patients with hepatic cirrhosis and bleeding esophageal varices. Ann Surg 171:522-6, Apr 70  
ADULT/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ BLOOD PRESSURE/ BLOOD  
TRANSFUSION/ \*ESOPHAGEAL VARICES,  
complications/ FEMALE/ HUMAN/ \*LIVER



## AUTHOR SECTION

- CIRRHOSIS, complications/ LIVER  
CIRRHOSIS, surgery/ MALE/ MIDDLE AGE/  
PORTACAVAL ANASTOMOSIS/ PORTAL  
VEIN/ \*SPLENOMEGALY, complications
1558. Dumont M, Laforet J, Pic JF: Utilisation des enzymes  
protéolytiques en gynécologie et obstétrique.  
Lyon Med 222:897-9, 16 Nov 69 (Fre)  
CERVICITIS, drug therapy/  
\*DEOXYRIBONUCLEASE, therapeutic use/  
FEMALE/ \*FIBRINOLYSIN, therapeutic use/  
\*GYNECOLOGIC DISEASES, drug therapy/  
HUMAN/ INFECTION, drug therapy/ \*LABOR  
COMPLICATIONS, drug therapy/ PEPTIDE  
HYDROLASES, therapeutic use/  
POSTOPERATIVE COMPLICATIONS/  
PREGNANCY
1559. Dumpe EP, Grinberg AA, Prikupets VL: K  
differentsialnoi diagnostike bolezni  
Pedzheta-Shrettera.  
Vestn Khir Grekov 104:46-51, May 70 (Rus)  
ADULT/ AGE FACTORS/ ARTHRITIS,  
diagnosis/ ARTHRITIS, RHEUMATOID,  
diagnosis/ \*AXILLARY VEIN, injuries/  
CICATRIX, diagnosis/ CLAVICLE, injuries/  
DIAGNOSIS, DIFFERENTIAL/ ENGLISH  
ABSTRACT/ FEMALE/ FRACTURES,  
diagnosis/ HEMATOMA, diagnosis/ HUMAN/  
\*INTERMITTENT CLAUDICATION, diagnosis/  
JOINT DISEASES, diagnosis/ MALE/ MIDDLE  
AGE/ NEOPLASM METASTASIS, diagnosis/  
NEOPLASMS, diagnosis/ PHLEBOGRAPHY/  
\*THROMBOPHLEBITIS, diagnosis
1560. Dunbar JS: Upper respiratory tract obstruction in  
infants and children.  
Amer J Roentgen 109:227-46, Jun 70  
ABNORMALITIES, complications/ BARIUM  
SULFATE/ CHILD/ CINEFLUOROGRAPHY/  
CYSTS, complications/ EPIGLOTTIS/  
FEMALE/ FOREIGN BODIES, complications/  
HEMANGIOMA, complications/ HUMAN/  
LARYNGEAL CARTILAGES/ LARYNGEAL  
NEOPLASMS, complications/ LARYNGITIS,  
complications/ LARYNX/ LARYNX,  
abnormalities/ MALE/ MEDIASTINAL  
NEOPLASMS, complications/ PAPILLOMA,  
complications/ PHARYNX/ PIERRE ROBIN  
SYNDROME, complications/ RESPIRATORY  
INSUFFICIENCY, etiology/ \*RESPIRATORY  
INSUFFICIENCY, radiography/ TRACHEA/  
TRACHEAL NEOPLASMS, complications/  
TRACHEAL STENOSIS, complications/ VOCAL  
CORD PARALYSIS, complications
1561. Duncan CL, Strong DH: Ileal loop fluid accumulation  
and production of diarrhea in rabbits by cell-free  
products of Clostridium perfringens.  
J Bact 100:86-94, Oct 69  
AMYLASE, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*BODY FLUIDS, metabolism/  
CELL-FREE SYSTEM/ CLOSTRIDIUM  
INFECTIONS/ \*CLOSTRIDIUM PERFRINGENS,  
analysis/ CULTURE MEDIA/ \*DIARRHEA,  
etiology/ DISEASE MODELS, ANIMAL/  
FEMALE/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ \*ILEUM, metabolism/  
LIPASE, pharmacodynamics/ MALE/ PEPTIDE  
HYDROLASES, pharmacodynamics/ RABBITS/  
TIME FACTORS/ TRYPSIN, pharmacodynamics
1562. Duncan JC: Aminocaproic acid for haemophilia.  
J Canad Dent Ass 35:617, Dec 69  
\*AMINOCAPROIC ACID, therapeutic use/  
\*HEMOPHILIA, drug therapy/ HUMAN
1563. Dunlap EA, Dunn M, Rossomondo R: Observations on  
the use of plastic adhesives in muscle surgery with  
two new potential applications.  
Trans Amer Ophthal Soc 67:283-303, 1969  
\*ACRYLIC RESINS/ ADHESIONS, prevention  
& control/ ANIMAL EXPERIMENTS/  
BIODEGRADATION/ BIOMECHANICS/  
\*CYANIDES/ GLAUCOMA, surgery/  
METHODS/ \*OCULOMOTOR MUSCLES,  
surgery/ POSTOPERATIVE COMPLICATIONS,  
prevention & control/ RABBITS/  
STRABISMUS, surgery/ \*TISSUE ADHESIVES
1564. Dunlap EA, Dunn M, Rossomondo R: New uses for  
ocular adhesives.  
Arch Ophthal (Chicago) 82:756-60, Dec 69  
\*ACRYLATES/ \*ADHESIONS, prevention &  
control/ ANIMAL EXPERIMENTS/  
BIODEGRADATION/ CONJUNCTIVA, surgery/  
METHODS/ OCULOMOTOR MUSCLES,  
pathology/ OCULOMOTOR MUSCLES, surgery/  
RABBITS/ SCLERA, surgery/ STRABISMUS,  
surgery/ TIME FACTORS/ TISSUE  
ADHESIVES
1565. Dunlap RC: Virus particle content of smallpox  
vaccines. Appl Microbiol 19:689-93, Apr 70  
AGAR/ CATTLE/ CELL LINE/  
CHYMOTRYPSIN, metabolism/  
CLOSTRIDIOPEPTIDASE A, metabolism/  
COLLAGEN/ KIDNEY/ LYMPH/  
MICROSCOPY, ELECTRON/ MONKEYS/  
PEPTIDE PEPTIDOHYDROLASES, metabolism/  
\*SMALLPOX VACCINE/ SMALLPOX  
VACCINE, isolation & purification/  
\*SMALLPOX VIRUS, isolation & purification/  
SMALLPOX VIRUS, pathogenicity/ VENOMS,  
metabolism/ VIBRATION
1566. Dunn PM: Neonatal polycythaemia.  
Arch Dis Child 45:273, Apr 70  
ACID-BASE EQUILIBRIUM/ BLOOD  
VISCOSITY/ HEMATOCRIT/ HUMAN/  
INFANT, NEWBORN/ \*INFANT, NEWBORN,  
DISEASES/ \*POLYCYTHEMIA/ UMBILICAL  
CORD
1567. Dunnigan J: Les mécanismes de contrôle de la fonction  
exocrine du pancréas.  
Laval Med 38:686-91, Sep 67 (Fre)  
AMYLASE, secretion/ ANIMAL  
EXPERIMENTS/ CHYMOTRYPSIN, secretion/  
\*GASTROINTESTINAL HORMONES,  
physiology/ \*HISTAMINE, physiology/  
HUMAN/ PANCREAS, enzymology/  
\*PANCREAS, physiology/ \*PANCREATIC  
JUICE, secretion/ VAGOTOMY/ \*VAGUS  
NERVE, physiology
1568. Dunsker SB, Torres-Reyes E, Peden JC Jr: Pseudotumor  
cerebri associated with idiopathic  
cryofibrinogenemia. Report of a case.  
Arch Neurol (Chicago) 23:120-7, Aug 70  
ADULT/ AUTOPSY/ BLOOD PROTEIN  
DISORDERS, complications/ BLOOD PROTEIN  
ELECTROPHORESIS/ BRAIN DISEASES,  
blood/ \*BRAIN DISEASES, complications/  
\*COLD/ \*FIBRINOGEN/ HUMAN/ JUGULAR  
VEIN, radiography/ MALE/ PHLEBOGRAPHY/  
PSEUDOTUMOR CEREBRI, blood/ SINUS  
THROMBOSIS, complications
1569. Duparc J, Salomon A, Bertin P, et al: Une observation  
d'ostéonécrose des condyles fémoraux internes après  
corticothérapie. Rev Rhum 36:563-8, Oct 69 (Fre)  
ADULT/ \*BONE DISEASES, chemically  
induced/ BONE DISEASES, radiography/  
BONE DISEASES, surgery/ CASE REPORT/  
FEMALE/ \*FEMUR/ HUMAN/ NECROSIS,  
chemically induced/ NECROSIS, radiography/  
NECROSIS, surgery/ OSTEOCHONDRITIS/  
\*PREDNISONE, adverse effects/ PURPURA,  
THROMBOPENIC, drug therapy
1570. Dupérlé MJ: Traitement des dyspepsies par un  
nouvelle médication poly-enzymatique.  
Bordeaux Med 3:1157-8 passim, Apr 70 (Fre)  
\*BILIARY TRACT DISEASES, drug therapy/  
\*DYSPEPSIA, drug therapy/  
\*GASTROINTESTINAL DISEASES, drug  
therapy/ HUMAN/ \*PANCREATIC DISEASES,  
drug therapy/ \*PANCREATIC EXTRACTS,  
therapeutic use/ \*PEPTIDE HYDROLASES,  
therapeutic use
1571. Duplay H, Kermarec J, Ziegler G, et al: Deux  
observations chez l'adulte d'anurie à évolution  
rapidement mortelle: maladie de Moschcowitz,  
syndrome de Goodpasture.  
Marseille Med 107:159-67, 1970 (Fr)  
\*ANURIA, etiology/ \*GOODPASTURE'S  
SYNDROME, complications/ GOODPASTURE'S  
SYNDROME, pathology/ HUMAN/ KIDNEY,



# AUTHOR SECTION

pathology/ LUNG, pathology/ MALE/ MIDDLE AGE/ \*PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

1572. Dupont B, Pony JC, Le Bihan G, et al: Maladie phlébo-thrombosante et magnésium. Sem Hop Paris 45:3048-54, 26 Nov 69 (Fre) ADULT/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ CALCIUM, blood/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MAGNESIUM, administration & dosage/ MAGNESIUM, blood/ \*MAGNESIUM, pharmacodynamics/ \*MAGNESIUM DEFICIENCY, complications/ PHLEBITIS, drug therapy/ \*PHLEBITIS, etiology/ PREGNANCY/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, drug therapy/ \*THROMBOSIS, etiology
1573. Dupré A: Une forme majeure de pseudo-chromidrose plantaire, phlycténulaire et hémorragique. Association à des troubles thrombocytaires. Essai pathogénique. Dermatologica (Basel) 140:178-85, 1970 (Fre) ADULT/ BLISTER, etiology/ ENGLISH ABSTRACT/ FEMALE/ \*HEEL, pathology/ \*HEMATOMA, etiology/ HUMAN/ \*PURPURA, THROMBOPENIC, pathology/ \*SKIN, pathology
1574. Durie MD, Hansebout RR, Peterson EW, et al: A unified method for regional anticoagulation of blood. Amer J Surg 120:341-5, Sep 70 ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, administration & dosage/ BIOMEDICAL ENGINEERING/ DOGS/ \*EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, instrumentation/ HEMORRHAGE, prevention & control/ \*HEPARIN, administration & dosage/ HYPOTHERMIA, INDUCED/ METHODS/ \*PROTAMINES, administration & dosage
1575. Durlach J: Pilule et thrombose (des plaquettes, des estrogènes et du magnésium) Rev Franc Endocr Clin 11:45-54, Jan-Feb 70 (Fre) ADMINISTRATION, ORAL/ ADULT/ BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, chemically induced/ BLOOD PLATELETS/ \*CONTRACEPTIVES, ORAL, adverse effects/ \*ESTROGENS, adverse effects/ FEMALE/ HUMAN/ MAGNESIUM, physiology/ MAGNESIUM, therapeutic use/ \*MAGNESIUM DEFICIENCY, complications/ MALE/ STEROIDS, adverse effects/ \*THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, drug therapy
1576. Dus K, Flatmark T, Kamen MD, et al: Isolation and chemical properties of two c-type cytochromes of Rhodospirillum rubrum. Biochemistry (Wash) 9:1984-90, 28 Apr 70 AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CYTOCHROMES, analysis/ \*CYTOCHROMES, isolation & purification/ ELECTROPHORESIS, DISK/ PEPTIDES, analysis/ \*RHODOSPIRILLUM, analysis/ TRYPSIN
1577. Dutt AK: Hemangioendotheliosarcoma. Med J Malaya 24:161-3, Dec 69 ADULT/ \*ANGIOSARCOMA/ CHILD, PRESCHOOL/ FEMALE/ \*HEMANGIOENDOTHELIOMA/ HUMAN/ \*KIDNEY NEOPLASMS/ MALE/ \*MEDIASTINAL NEOPLASMS
1578. Dutta D, Bhargava KC, Chakravarti RN, et al: Therapeutic studies in experimental amniotic fluid embolism in rabbits. Amer J Obstet Gynec 106:1201-8, 15 Apr 70 ANAPHYLAXIS, drug therapy/ ANIMAL EXPERIMENTS/ ATROPINE, therapeutic use/ BRONCHIAL SPASM, drug therapy/ DISEASE MODELS, ANIMAL/ ELECTROCARDIOGRAPHY/ \*EMBOLISM, AMNIOTIC FLUID, drug therapy/ EMBOLISM, AMNIOTIC FLUID, pathology/ EMBOLISM, AMNIOTIC FLUID, physiopathology/ FEMALE/ HEART CONDUCTION SYSTEM, physiopathology/ HUMAN/ ISOPROTERENOL, therapeutic use/ PAPAVERINE, therapeutic use/ PREGNANCY/ PROMETHAZINE, therapeutic use/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, pathology/ RABBITS
1579. Duțu A, Poduț A, Boloșu H, et al: Cercetări privind modificările activității fibrinolitice în boala reumatismală. Med Intern (Bucur) 22:189-98, Feb 70 (Rum) ACUTE DISEASE/ \*ARTHRITIS, RHEUMATOID, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, analysis/ HUMAN/ \*RHEUMATIC FEVER, blood/ \*RHEUMATIC HEART DISEASE, blood/ \*RHEUMATISM, blood/ \*STREPTOCOCCAL INFECTIONS, blood
1580. Duval DL, Didisheim P, Spittell JA Jr, et al: Effects of monoamine oxidase inhibitors, glyceryl gualacolate, and ethanol on experimental arterial thrombosis. Mayo Clin Proc 45:579-85, Aug 70 ADMINISTRATION, ORAL/ ALCOHOL, ETHYL, administration & dosage/ \*ALCOHOL, ETHYL, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ GUAIACOL GLYCERYL ETHER, administration & dosage/ \*GUAIACOL GLYCERYL ETHER, therapeutic use/ INJECTIONS, INTRAVENOUS/ NIALAMIDE, administration & dosage/ \*NIALAMIDE, therapeutic use/ PHENIPRAZINE, administration & dosage/ \*PHENIPRAZINE, therapeutic use/ PLATELET ADHESIVENESS, drug effects/ RATS/ \*THROMBOSIS, drug therapy/ TIME FACTORS
1581. Dvilansky A, Britten AF, Loewy AG: Factor XIII assay by an isotope method. I. Factor XIII (transamidase) in plasma, serum, leucocytes, erythrocytes and platelets and evaluation of screening tests of clot solubility. Brit J Haemat 18:399-410, Apr 70 ACETIC ACIDS/ BLOOD COAGULATION/ BLOOD PLATELETS, analysis/ BLOOD PRESERVATION/ BUTYLAMINES, metabolism/ CARBON ISOTOPES/ CASEIN, metabolism/ ERYTHROCYTES, analysis/ \*FACTOR XIII, analysis/ FREEZING/ HUMAN/ LEUKOCYTES, analysis/ METHODS/ PURPURA, THROMBOPENIC, blood/ SNAKES/ SOLUBILITY/ UREA
1582. Dworszky K, Boros T, Kett K: Zwei seltene Varianten des Klippel-Trenaunay-Syndroms. Derm Mschr 155:904-8, 1969 (Ger) ADOLESCENCE/ ADULT/ \*ANEURYSM, etiology/ ANEURYSM, radiography/ \*ANGIOMATOSIS, complications/ \*ARTERIOVENOUS FISTULA, etiology/ ARTERIOVENOUS FISTULA, radiography/ \*BRACHIAL ARTERY/ BRACHIAL ARTERY, radiography/ ENGLISH ABSTRACT/ HUMAN/ LYMPHEDEMA, etiology/ MALE/ \*POPLITEAL ARTERY/ POPLITEAL ARTERY, radiography/ SHOULDER, blood supply/ VARICOSE VEINS, etiology
1583. Dyk T: Koagulopatia fibrynolityczna i "konsumpcyjna". Uwagi lecznicze i kliniczne. Pol Tyg Lek 24:1318-22, 25 Sep 69 (Pol) ADULT/ \*AMINOCAPROIC ACID, therapeutic use/ \*BLOOD COAGULATION DISORDERS, drug therapy/ \*BLOOD PLATELET DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ \*HEMORRHAGIC DIATHESIS, drug therapy/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use
1584. Dyszy-Laube B, Korniszewski L: Zespół wrodzonej małopłytkowości z wadami rozwojowymi kości. Pediat Pol 45:461-5, Apr 70 (Pol) \*BONE AND BONES, abnormalities/ CASE



# AUTHOR SECTION

- REPORT/ CHILD, PRESCHOOL/ HUMAN/  
MALE/ \*THROMBOPENIA, congenital
1585. Dziewiatkowski DD, Hascall VC: The effect of cathepsins from varied sources on proteinpolysaccharide (PP-L) of bovine costal cartilage and on proteoglycan subunit (PGS) of bovine nasal cartilage. *Calcif Tissue Res Suppl*:64-5, 1970  
ANIMAL EXPERIMENTS/ \*CARTILAGE, analysis/ CARTILAGE, cytology/ \*CATHEPSIN, pharmacodynamics/ CATTLE/ CULTURE MEDIA/ METHODS/ NOSE/ \*PEPTIDE HYDROLASES, isolation & purification/ \*POLYSACCHARIDES, metabolism/ \*PROTEINS, metabolism/ RABBITS/ RIBS
1586. Dzielowska M, Witoszyński S: Badanie układu krzepnięcia krwi i fibrynolizy w mucoviscidosis u dorosłych.  
*Pol Arch Med Wewnet* 43:1453-8, Oct 69 (Pol)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION/ BLOOD PLATELETS/ \*CYSTIC FIBROSIS, blood/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE
1587. Dzizinski AA, Danilevich GV: K mekhanizmu narusheniya funktsii pronitsaemosti krobenosnykh kapillarov u bol'nykh aterosklerozom i gipertonicheskoi bolezn'u.  
*Ter Arkh* 42:21-4, Jan 70 (Rus)  
\*ARTERIOSCLEROSIS, physiopathology/ \*CAPILLARY PERMEABILITY/ CAPILLARY PERMEABILITY, drug effects/ FIBRINOLYSIS/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERTENSION, physiopathology/ LIPIDS, metabolism/ PROTEINS, metabolism
- E
1588. Eales L: Progress in nephrology, renal dialysis and transplantation. *S Afr Med J* 44:747-52, 27 Jun 70  
ANALGESICS AND ANTIPYRETICS, toxicity/ ANTILYMPHOCYTE SERUM, therapeutic use/ BILE ACIDS AND SALTS, toxicity/ CEPHALORIDINE, toxicity/ DIET THERAPY/ GLOMERULONEPHRITIS, therapy/ GLYCOLS, poisoning/ \*HEMODIALYSIS/ HEPARIN, therapeutic use/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ \*KIDNEY, transplantation/ \*KIDNEY DISEASES, therapy/ KIDNEY FAILURE, CHRONIC, therapy/ PESTICIDES, toxicity/ PYELONEPHRITIS, therapy/ TRANSPLANTATION, HOMOLOGOUS
1589. Eastham RD: The irrelevance of adhesive platelet estimation. *J Clin Path* 22:742, Nov 69  
ANTICOAGULANTS, therapeutic use/ \*BLOOD CELL COUNT/ \*BLOOD PLATELETS/ HUMAN/ PLATELET ADHESIVENESS/ THROMBOSIS, diagnosis
1590. Eastham RD: Anticoagulant therapy in myocardial infarction. *New Eng J Med* 281:1425, 18 Dec 69  
\*ANTICOAGULANTS, therapeutic use/ \*BLOOD COAGULATION TESTS/ HUMAN/ METHODS/ \*MYOCARDIAL INFARCT, drug therapy/ \*THROMBOPLASTIN, analysis
1591. Eastham RD, Morgan EH: Thrombocytosis induced by citrovorum factor. *Lancet* 2:1258-9, 6 Dec 69  
\*CITROVORUM FACTOR, adverse effects/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ METHOTREXATE, administration & dosage/ \*THROMBOCYTOSIS, chemically induced
1592. Eaton RP, Kipnis DM: Effects of high-carbohydrate diets on lipid and carbohydrate metabolism in the rat. *Amer J Physiol* 217:1160-8, Oct 69  
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SUGAR/ BODY WEIGHT/ \*CARBOHYDRATES, metabolism/ CHOLESTEROL, blood/ \*DIETARY CARBOHYDRATES, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCAGON, pharmacodynamics/ \*GLUCOSE, pharmacodynamics/ GLUCOSE TOLERANCE TEST/ HYPERLIPEMIA, chemically induced/ INSULIN, blood/ \*LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ LIVER GLYCOGEN, metabolism/ MALE/ RATS/ THEOPHYLLINE, pharmacodynamics/ TRIGLYCERIDES, blood/ ULTRACENTRIFUGATION
1593. Ebbe S, Sapienza P, Duffy P, et al: DFP labeling of platelets during recovery from thrombocytopenia. *Blood* 35:613-23, May 70  
ANIMAL EXPERIMENTS/ ANTIGENS/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ \*BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ EXCHANGE TRANSFUSION/ FEMALE/ HEMATOPOIESIS/ IMMUNE SERUMS/ \*ISOFLUORPHATE, metabolism/ MEGAKARYOCYTES, metabolism/ MICROSCOPY, PHASE CONTRAST/ RATS/ SPLENECTOMY/ THROMBOCYTOSIS, blood/ \*THROMBOPENIA, blood/ TRITIUM
1594. Ebbe S, Stohman F Jr: Stimulation of thrombocytopoiesis in irradiated mice. *Blood* 35:783-92, Jun 70  
ANIMAL EXPERIMENTS/ ANTIGENS/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ \*BLOOD PLATELETS, radiation effects/ HEMATOCRIT/ \*HEMATOPOIESIS, radiation effects/ IMMUNE SERUMS, pharmacodynamics/ LEUKOCYTE COUNT/ MEGAKARYOCYTES/ MICE/ RABBITS/ \*RADIATION EFFECTS/ THROMBOPENIA, immunology
1595. Ebert W: Elektronenmikroskopische Untersuchungen über Zelldurchtritte an den Sinusoiden des Knochenmarkes. *Verh Anat Ges* 63:249-58, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD CELLS/ BLOOD PLATELETS/ \*BONE MARROW CELLS/ ERYTHROCYTES/ GUINEA PIGS/ HUMAN/ LEUKOCYTES/ MICROSCOPY, ELECTRON/ RATS
1596. Eckstein HB, Jack B: Breast-feeding and anticoagulant therapy. *Lancet* 1:672-3, 28 Mar 70  
\*ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION TESTS/ \*BREAST FEEDING/ FEMALE/ \*HEMATOMA, chemically induced/ HUMAN/ INFANT/ INFANT, NEWBORN/ INGUINAL HERNIA, complications/ MALE/ PREGNANCY/ PUERPERAL DISORDERS, drug therapy/ THROMBOPHLEBITIS, drug therapy
1597. Ectors L: La commotion cérébrale et le syndrome postcommotionnel.  
*Arch Belg Med Soc* 27:4-19, Jan 69 (Fre)  
\*BRAIN CONCUSSION, complications/ BRAIN INJURY, ACUTE, complications/ \*CEREBRAL ARTERY DISEASES, complications/ CEREBROSPINAL FLUID, analysis/ CONTUSIONS, complications/ \*CRANIAL NERVES, injuries/ HEMATOMA, complications/ HUMAN/ INTRACRANIAL PRESSURE/ \*SKULL FRACTURES, complications
1598. Edelman CM Jr: The hemolytic-uremic syndrome. *New Eng J Med* 281:1072-3, 6 Nov 69  
ADULT/ \*ANEMIA, HEMOLYTIC, etiology/ CHILD/ FEMALE/ HUMAN/ INFANT/ \*KIDNEY FAILURE, ACUTE, etiology/ MALE/ MITES/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ RICKETTSIA/ THROMBOPENIA, etiology
1599. Edens FW, Van Krey HP, Kelly M, et al: Menadione requirements of chickens selected for prothrombin time. *Poult Sci* 49:295-7, Jan 70  
ANIMAL EXPERIMENTS/ ANIMAL FEED, analysis/ \*CHICKENS, physiology/ GENOTYPE/ \*PROTHROMBIN TIME, veterinary/ VITAMIN K, analysis/ \*VITAMIN K, metabolism
1600. Eder M, Castrup HJ: Die gastrointestinale Blutung aus der Sicht des Pathologen.  
*Chirurg* 40:97-100, Mar 69 (Ger)  
AUTOPSY/ BRAIN INJURY, ACUTE, complications/ DUODENUM, pathology/ ESOPHAGEAL VARICES, complications/



# AUTHOR SECTION

- GASTRIC MUCOSA, pathology/  
 \*HEMORRHAGE, GASTROINTESTINAL,  
 pathology/ HEMORRHAGIC DIATHESIS,  
 complications/ HUMAN/ INTESTINAL  
 MUCOSA, pathology/ LIVER DISEASES,  
 complications/ PEPTIC ULCER  
 HEMORRHAGE, pathology/ SEPTICEMIA,  
 complications
1601. Edgerton VR, Simpson DR: The intermediate muscle  
 fiber of rats and guinea pigs.  
 J Histochem Cytochem 17:828-38, Dec 69  
 \*ADENOSINE TRIPHOSPHATASE, metabolism/  
 ANIMAL EXPERIMENTS/ FEMALE/  
 \*GLYCEROLPHOSPHATE DEHYDROGENASE,  
 metabolism/ GUINEA PIGS/  
 HISTOCYTOCHEMISTRY/ \*LIPOAMIDE  
 DEHYDROGENASE, metabolism/ \*MALATE  
 DEHYDROGENASE, metabolism/ MALE/  
 MUSCLE CONTRACTION/ \*MUSCLE  
 PROTEINS, metabolism/ \*MUSCLES,  
 enzymology/ NAD/ RATS/ \*SUCCINATE  
 DEHYDROGENASE, metabolism/ TIME  
 FACTORS/ VITAMIN K, physiology
1602. Edmark KW, Hill WJ, Thomas GI, et al: A central-flow,  
 low-profile, leaflet-deforming mitral valve prosthesis  
 free of prolonged anticoagulation requirements.  
 J Thorac Cardiovasc Surg 58:713-7 passim, Nov 69  
 ALKENES/ ANIMAL EXPERIMENTS/  
 \*ANTICOAGULANTS, therapeutic use/ DOGS/  
 FLUORINE/ \*HEART VALVE PROSTHESIS/  
 HUMAN/ \*MITRAL VALVE, surgery/  
 POLYMERS
1603. Edmond E, Daver J, Daver M, et al: Etude de l'action du  
 clofibrate basique d'aluminium sur les lipides  
 sanguins et l'hémostase.  
 Therapeutique 48:55-9, Jan 70 (Fre)  
 \*ALUMINUM/ CHOLESTEROL, blood/  
 CLINICAL RESEARCH/ \*ETHERS/  
 \*HEMOSTASIS/ HUMAN/ \*HYPERLIPEMIA,  
 drug therapy/ LIPIDS, blood/ \*PHENOLS/  
 PLACEBOS
1604. Edmonds RH: Electron microscope studies on the  
 hemostatic process in bird embryos. II. In vivo  
 phagocytosis by nucleated thrombocytes.  
 J Ultrastruct Res 30:184-94, Jan 70  
 ANIMAL EXPERIMENTS/ \*BLOOD  
 COAGULATION/ \*BLOOD PLATELETS,  
 physiology/ CARBON/ CELL NUCLEUS/  
 \*CHICK EMBRYO/ GONADS, cytology/ LIVER,  
 cytology/ MICROSCOPY, ELECTRON/  
 \*PHAGOCYTOSIS/ SPLEEN, cytology/ TIME  
 FACTORS
1605. Edwards LD: Association between chloramphenicol,  
 hypoplastic anemia and acute myeloblastic leukemia:  
 a case report. Milit Med 134:1447-9, Nov 69  
 ADULT/ \*ANEMIA, APLASTIC, chemically  
 induced/ BLOOD PLATELETS/  
 \*CHLORAMPHENICOL, adverse effects/  
 HUMAN/ \*LEUKEMIA, MYELOBLASTIC,  
 chemically induced/ LEUKOCYTE COUNT/  
 MALE
1606. Edwards WH, Sawyers JL, Foster JH: Iliofemoral  
 venous thrombosis. Reappraisal of thrombectomy.  
 Ann Surg 171:961-70, Jun 70  
 ADOLESCENCE/ ADULT/ AGED/ BLOOD  
 COAGULATION DISORDERS/ CHILD/ CHILD,  
 PRESCHOOL/ FEMALE/ \*FEMORAL VEIN/  
 HUMAN/ \*ILIAC VEIN/ MALE/ MIDDLE  
 AGE/ PHLEBOGRAPHY/ PULMONARY  
 EMBOLISM, prevention & control/  
 THROMBOPHLEBITIS, complications/  
 THROMBOPHLEBITIS, radiography/  
 \*THROMBOPHLEBITIS, surgery
1607. Egawa K: Studies on the biosynthesis of nuclear axis  
 proteins. I. Incorporation of L-lysine-14C in isolated  
 rat hepatoma nuclei. Jap J Exp Med 39:59-66, Feb 69  
 ACETIC ACIDS/ ADENOSINE  
 TRIPHOSPHATE, pharmacodynamics/ ANIMAL  
 EXPERIMENTS/ ASCITES/  
 CARBOXYPEPTIDASES, metabolism/ \*CELL  
 NUCLEUS, metabolism/ CHROMATOGRAPHY/  
 CULTURE MEDIA/ GLYCOLYSIS/  
 \*HEPATOMA, metabolism/ \*HISTONES,  
 biosynthesis/ IN VITRO/ LIVER, metabolism/  
 \*LYSINE, metabolism/ MICROSCOPY,  
 ELECTRON/ \*NEOPLASMS, EXPERIMENTAL,  
 metabolism/ PUROMYCIN, pharmacodynamics/  
 RATS/ RIBONUCLEASE, pharmacodynamics/  
 SPECTROPHOTOMETRY/ SUCROSE/  
 TRYPSIN, metabolism/  
 ULTRACENTRIFUGATION/ ULTRAVIOLET  
 RAYS
1608. Egberg N, Nordström S: In vivo effect of reptilase on  
 fibrinogen metabolism in dogs.  
 Scand J Clin Lab Invest 24:383-5, Dec 69  
 AMINOCAPROIC ACID, pharmacodynamics/  
 ANIMAL EXPERIMENTS/ BLOOD  
 COAGULATION, drug effects/ BLOOD  
 COAGULATION TESTS/ \*BLOOD PLATELETS,  
 drug effects/ CLOT RETRACTION/ DOGS/  
 FIBRINOGEN, analysis/ \*FIBRINOGEN,  
 metabolism/ HEPARIN, pharmacodynamics/  
 IODINE ISOTOPES/ KALLIKREIN-TRYPSIN  
 INACTIVATOR, pharmacodynamics/ \*SNAKES/  
 \*VENOMS, pharmacodynamics
1609. Egbring R, Andrassy K, Egli H, et al: Untersuchungen  
 bei zwei Patienten mit kongenitalem  
 Faktor-XII-Mangel. (Zugleich ein Beitrag zur  
 Problematik der Bestimmung des Faktors XIII)  
 Thromb Diath Haemorrh 23:313-39, 1970 (Ger)  
 ADOLESCENCE/ \*BLOOD COAGULATION  
 DISORDERS, familial & genetic/ BLOOD  
 PLATELETS/ CHILD, PRESCHOOL/ CLOT  
 RETRACTION/ CYSTEINE, pharmacodynamics/  
 \*FACTOR XIII/ FACTOR XIII, analysis/  
 FEMALE/ HUMAN/ IODOACETATES/ MALE/  
 OXALATES, pharmacodynamics/ PEDIGREE/  
 PREGNANCY/ THROMBELASTOGRAPHY/  
 UREA, pharmacodynamics
1610. Egeberg O: New families with factor XII deficiency.  
 Thromb Diath Haemorrh 23:441-8, 30 Jun 70  
 AGED/ BLOOD COAGULATION DISORDERS,  
 complications/ \*BLOOD COAGULATION  
 DISORDERS, familial & genetic/  
 CEREBROVASCULAR DISORDERS, etiology/  
 CONSANGUINITY/ FACTOR VII, analysis/  
 \*FACTOR XII, analysis/ FEMALE/  
 HEMATOMA, etiology/ HEMOPTYSIS, etiology/  
 HOMOZYGOTE/ HUMAN/ MALE/ MIDDLE  
 AGE/ PARKINSONISM, etiology/ PEDIGREE/  
 SURFACE-ACTIVE AGENTS
1611. Egeberg O: Factor XII defect and hemorrhage.  
 Evidence for a new type of hereditary hemostatic  
 disorder. Thromb Diath Haemorrh 23:432-40, 30 Jun 70  
 ADULT/ AGED/ BLOOD COAGULATION  
 DISORDERS, complications/ \*BLOOD  
 COAGULATION DISORDERS, familial &  
 genetic/ BLOOD COAGULATION TESTS/  
 CEREBROVASCULAR DISORDERS, etiology/  
 CHILD/ EDEMA, etiology/ FACTOR VII,  
 analysis/ \*FACTOR XII, analysis/ FEMALE/  
 HEADACHE, etiology/ HUMAN/ MALE/  
 PEDIGREE
1612. Egeblad K, Bertelsen S: Experimental thrombolysis by  
 perfusion. II. Comparative study on the effect of  
 streptokinase, urokinase and plasmin.  
 Acta Chir Scand 135:486-90, 1969  
 ANIMAL EXPERIMENTS/ CATTLE/ DISEASE  
 MODELS, ANIMAL/ DOGS/ FEMORAL VEIN/  
 \*FIBRINOLYSIS, therapeutic use/  
 \*FIBRINOLYTIC AGENTS, therapeutic use/  
 JUGULAR VEIN/ PERFUSION/  
 PLASMINOGEN, blood/ \*STREPTOKINASE,  
 therapeutic use/ \*THROMBOSIS, drug therapy/  
 TIME FACTORS
1613. Eggerth G, Kühböck J, Pokorny D: Zur Verabreichung  
 von Phytohämagglutinin bei zytostatischer Therapie.  
 Wien Z Inn Med 50:587-92, 1969 (Ger)  
 BLOOD CELL COUNT/ BLOOD PLATELETS,  
 drug effects/ BRONCHIAL NEOPLASMS, drug  
 therapy/ ENGLISH ABSTRACT/  
 ERYTHROCYTE COUNT/ ERYTHROCYTES,  
 drug effects/ GASTROINTESTINAL  
 NEOPLASMS, drug therapy/  
 \*HEMATOPOIESIS, drug effects/ HUMAN/  
 INJECTIONS, INTRAMUSCULAR/  
 INJECTIONS, INTRAVENOUS/ LEUKOCYTE



# AUTHOR SECTION

- COUNT/ LEUKOCYTES, drug effects/  
MELANOMA, drug therapy/  
\*MYELOPROLIFERATIVE DISORDERS, drug  
therapy/ \*NEOPLASMS, therapy/ PLANT  
AGGLUTININS, administration & dosage/  
\*PLANT AGGLUTININS, therapeutic use
1614. Egorov NS, Smirnova IP: Biosintez fibrinoliticheskogo  
veshchestva Mycobacterium sp. shtamm 69 pri razviti  
na sredakh s razlichnyoi istochnikami ugleroda.  
Mikrobiologiya 38:442-6, May-Jun 69 (Rus)  
ACIDS, metabolism/ CULTURE MEDIA/  
ENGLISH ABSTRACT/ \*FIBRINOLYTIC  
AGENTS, biosynthesis/ GLUCOSE, metabolism/  
MONOSACCHARIDES, metabolism/  
\*MYCOBACTERIUM, metabolism/ NITRATES,  
metabolism/ OLIGOSACCHARIDES,  
metabolism/ POTASSIUM, metabolism
1615. Egusa K, Ota Y, Nanba T, et al: [2 cases of idiopathic  
thrombopenic purpura treated effectively with  
imuran and glucocorticoids]  
Naika 24:1157-62, Dec 69 (Jap)  
ADULT/ \*AZATHIOPRINE, therapeutic use/  
\*CORTICOTROPIN, therapeutic use/ DRUG  
SYNERGISM/ FEMALE/ HUMAN/ PURPURA,  
THROMBOPENIC, complications/ \*PURPURA,  
THROMBOPENIC, drug therapy/  
THYROIDITIS, LYMPHOMATOUS,  
complications
1616. Ehlers CT, Matis P, Mörl FK: Datenerfassung mit dem  
Markierungsleser im Rahmen eines klinischen  
Grossversuchs.  
Meth Inform Med Suppl 3:221-9, 1968 (Ger)  
\*AUTOMATIC DATA PROCESSING/  
\*DIAGNOSIS, LABORATORY/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*MEDICAL RECORDS/  
METHODS
1617. Ehringer H, Fischer M, Lechner K, et al:  
Thrombolytische Therapie nicht akuter arterieller  
Verschlüsse.  
Deutsch Med Wschr 95:610-5 passim, 20 Mar 70 (Ger)  
ACUTE DISEASE/ ADULT/ AGED/  
ANGIOGRAPHY/ \*ARTERIOSCLEROSIS, drug  
therapy/ CHRONIC DISEASE/ FEMORAL  
ARTERY/ FIBRINOLYSIS/ \*FIBRINOLYTIC  
AGENTS, therapeutic use/ HUMAN/ ILIAC  
ARTERY/ INTERMITTENT CLAUDICATION,  
drug therapy/ LEG, blood supply/ MIDDLE  
AGE/ POPLITEAL ARTERY/ PROTHROMBIN  
TIME/ STREPTOKINASE, therapeutic use
1618. Ehrly AM: The effect of plasma substitutes on  
erythrocyte aggregation and blood viscosity.  
Bibl Haemat 33:302-10, 1969  
BLOOD PRESSURE/ BLOOD  
SEDIMENTATION/ \*BLOOD VISCOSITY, drug  
effects/ DEXTRAN, pharmacodynamics/  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR/ \*ERYTHROCYTES,  
physiology/ GELATIN, pharmacodynamics/  
HEMATOCRIT/ HUMAN/ \*PLASMA  
SUBSTITUTES
1619. Eichler J, Stephan G: The behaviour of clinical standard  
values after infusions of plasma substitutes.  
Bibl Haemat 33:536-42, 1969  
ADULT/ ANURIA, etiology/ \*BLOOD, drug  
effects/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ BLOOD PRESSURE/ BLOOD  
SEDIMENTATION/ BLOOD SUGAR, analysis/  
BODY TEMPERATURE/ CHLORIDES, blood/  
DEXTRAN, adverse effects/ DEXTRAN,  
pharmacodynamics/ \*DIURESIS, drug effects/  
ERYTHROCYTE COUNT/ GELATIN, adverse  
effects/ GELATIN, pharmacodynamics/  
HEMATOCRIT/ HEMOGLOBINOMETRY/  
HUMAN/ LEUKOCYTE COUNT/ \*PLASMA  
SUBSTITUTES/ POLYURIA, etiology/  
POTASSIUM, blood/ SODIUM, blood/  
SPECIFIC GRAVITY
1620. Eichler J, Stephan G: The effect of plasma substitutes  
on coagulation. Bibl Haemat 33:452-6, 1969  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/ BLOOD  
TRANSFUSION/ FACTOR V/ FACTOR VIII/
- FACTOR IX/ HUMAN/ \*PLASMA  
SUBSTITUTES, pharmacodynamics/ SHOCK,  
HEMORRHAGIC, therapy
1621. Eigler FW, Stock W, Höfer I: Wirkung eines  
Proteinaseinhibitors auf das Tourniquet-Syndrom  
der Ratte. I. Beeinflussung des postischämischen  
Ödems in Abhängigkeit von Dosis und Zeitpunkt der  
Trasylolgabe. Z Ges Exp Med 151:55-63, 19 Sep 69 (Ger)  
ANIMAL EXPERIMENTS/ CELL MEMBRANE  
PERMEABILITY, drug effects/ \*EDEMA, drug  
therapy/ EDEMA, prevention & control/  
ENGLISH ABSTRACT/ \*FOOT DISEASES,  
drug therapy/ INJECTIONS, INTRAVENOUS/  
ISCHEMIA/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ RATS/ TIME FACTORS/  
TOURNIQUETS
1622. Eilers RJ: Laboratory approach to hemorrhagic  
disorders. Southern Med J 62:1337-9, Nov 69  
ANTICOAGULANTS, therapeutic use/ BLOOD  
COAGULATION TESTS/ \*DIAGNOSIS,  
LABORATORY/ \*HEMORRHAGE, diagnosis/  
HUMAN/ PREOPERATIVE CARE
1623. Einstein ER, Csejty J, Davis WJ, et al: Enzymatic  
degradation of the encephalitogenic protein.  
Int Arch Allerg 36:Suppl:363-75, 1969  
ANIMAL EXPERIMENTS/  
ELECTROPHORESIS/ \*ENCEPHALOMYELITIS,  
ALLERGIC, enzymology/ ENZYME TESTS/  
GELS/ HYDROGEN-ION CONCENTRATION/  
LIPIDS, isolation & purification/ NERVE  
TISSUE PROTEINS, isolation & purification/  
\*NERVE TISSUE PROTEINS, metabolism/  
PEPTIDE HYDROLASES, metabolism/ RATS/  
\*SPINAL CORD, enzymology
1624. Einstein ER, Dalal KB, Csejty J: Biochemical  
maturation of the central nervous system. II. Protein  
and proteolytic enzyme changes.  
Brain Res 18:35-49, 17 Feb 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/  
BODY WEIGHT/ BRAIN, embryology/ BRAIN,  
enzymology/ BRAIN, growth & development/  
BRAIN, metabolism/ BRAIN CHEMISTRY/  
CENTRAL NERVOUS SYSTEM, embryology/  
CENTRAL NERVOUS SYSTEM, enzymology/  
\*CENTRAL NERVOUS SYSTEM, growth &  
development/ CEREBROSIDES, analysis/  
CHOLESTEROL, analysis/ ELECTROPHORESIS/  
ENCEPHALOMYELITIS, ALLERGIC, chemically  
induced/ GANGLIOSIDES, analysis/ HISTONES,  
analysis/ HISTONES, biosynthesis/ \*LEUCINE  
AMINOPEPTIDASE, analysis/ LIPIDS, analysis/  
LIPOPROTEINS, analysis/ \*LIPOPROTEINS,  
biosynthesis/ MYELIN SHEATH, enzymology/  
MYELIN SHEATH, metabolism/ NERVE  
TISSUE PROTEINS, analysis/ \*NERVE TISSUE  
PROTEINS, biosynthesis/ NERVE TISSUE  
PROTEINS, classification/ ORGAN WEIGHT/  
\*PEPTIDE HYDROLASES, analysis/ RABBITS/  
SPHINGOMYELINS, analysis/ SPINAL CORD,  
enzymology/ SPINAL CORD, metabolism
1625. Einstein ER, Dalal KB, Csejty J: Increased protease  
activity and changes in basic proteins and lipids in  
multiple sclerosis plaques.  
J Neurol Sci 11:109-21, Aug 70  
AUTOPSY/ \*BRAIN, enzymology/ BRAIN  
CHEMISTRY/ CENTRIFUGATION/  
CEREBROSIDES, analysis/ CHOLESTEROL,  
analysis/ CHROMATOGRAPHY, THIN LAYER/  
CHRONIC DISEASE/ COLORIMETRY/  
HISTOCYTOCHEMISTRY/ HUMAN/ \*LIPIDS,  
analysis/ LIPOPROTEINS, analysis/  
\*MULTIPLE SCLEROSIS, enzymology/ \*NERVE  
TISSUE PROTEINS, analysis/ \*PEPTIDE  
HYDROLASES, metabolism/ PHOSPHOLIPIDS,  
analysis
1626. Eisen AZ, Bloch KJ, Sakai T: Inhibition of human skin  
collagenase by human serum.  
J Lab Clin Med 75:258-63, Feb 70  
\*ALPHA GLOBULIN, pharmacodynamics/  
BLOOD PROTEINS, pharmacodynamics/  
CARBON ISOTOPES/  
\*CLOSTRIDIOPEPTIDASE A, metabolism/



## AUTHOR SECTION

- ENZYME REPRESSION/ HUMAN/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
\*SKIN, enzymology/ TEMPERATURE/  
TRYPSIN, antagonists & inhibitors
1627. Eisen AZ, Jeffrey JJ: An extractable collagenase from crustacean hepatopancreas.  
Biochim Biophys Acta 191:517-26, 1969  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/  
\*CLOSTRIDIOPEPTIDASE A/  
CLOSTRIDIOPEPTIDASE A, antagonists &  
inhibitors/ CLOSTRIDIOPEPTIDASE A,  
isolation & purification/ COLLAGEN/  
\*CRUSTACEA, enzymology/  
ELECTROPHORESIS, DISK/ FEMALE/ LIGHT/  
\*LIVER, enzymology/ MALE/ MICROSCOPY,  
ELECTRON/ \*PANCREAS, enzymology/  
PROTEIN DENATURATION/ ROTATION/  
TRYPSIN/ VISCOSITY
1628. Eisen V, Glanville KL: Separation of kinin-forming factors in human plasma.  
Brit J Exp Path 50:427-37, Oct 69  
ACETATES/ ACETONE/ ANIMAL  
EXPERIMENTS/ ARGININE/ BENZOATES/  
BIOLOGICAL ASSAY/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ ESTERASES, blood/  
ESTERS/ FEMALE/ HUMAN/ IN VITRO/  
KALLIKREIN, antagonists & inhibitors/  
\*KALLIKREIN, blood/ KALLIKREIN, isolation  
& purification/ KINETICS/ LYSINE/ PEPTIDE  
HYDROLASES, blood/ RATS/ TYROSINE/  
UTERUS, drug effects
1629. Eisenberg E, Kielley WW: Native tropomyosin: effect on the interaction of actin with heavy meromyosin and subfragment-1.  
Biochem Biophys Res Commun 40:50-6, 13 Jul 70  
ADENOSINE TRIPHOSPHATASE, antagonists  
& inhibitors/ BINDING SITES/ CALCIUM/  
CHELATING AGENTS/ CHEMISTRY/  
KINETICS/ \*MUSCLE PROTEINS/ PROTEIN  
BINDING/ TRYPSIN
1630. Eisenstein R, Soble LW, Kuettner KE: Lysozyme in epiphyseal cartilage. 3. Effects of protamine, toluidine blue and histamine on mouse embryonic cartilage in organ culture. Amer J Path 60:43-56, Jul 70  
ANIMAL EXPERIMENTS/ CARTILAGE, drug  
effects/ CARTILAGE, embryology/  
\*CARTILAGE, enzymology/ \*EPIPHYSES,  
enzymology/ FEMUR, embryology/ \*FEMUR,  
enzymology/ HISTAMINE, pharmacodynamics/  
HISTOCYTOCHEMISTRY/ MICE/  
MICROSCOPY, ELECTRON/ MUCOPROTEINS,  
analysis/ \*MURAMIDASE, analysis/ ORGAN  
CULTURE/ PROTAMINES, pharmacodynamics/  
STAINS AND STAINING
1631. Eisinger J, Feuer B, Lamola AA: Intramolecular singlet excitation transfer. Applications to polypeptides.  
Biochemistry (Wash) 8:3908-15, Oct 69  
CHYMOTRYPSIN/ \*ENERGY TRANSFER/  
ENZYME PRECURSORS/ FLUOROMETRY/  
GLYCOLS/ HEAT/ MATHEMATICS/  
\*PEPTIDES/ RIBONUCLEASE/ SOLVENTS/  
SPECTROPHOTOMETRY/ TRYPTOPHAN/  
TYROSINE/ WATER
1632. Ek N: Studies on electrophoresis on cellulose acetate membrane of bovine serum proteins in healthy animals. Acta Vet Scand 10:118-26, 1969  
AGE FACTORS/ ANIMAL EXPERIMENTS/  
\*ANTITHROMBIN, analysis/ \*BLOOD PROTEIN  
ELECTROPHORESIS/ BLOOD PROTEINS,  
analysis/ CATTLE/ FEMALE/ \*GAMMA  
GLOBULIN, analysis/ METHODS
1633. Ekelund H, Hedner U, Astedt B: Fibrinolysis in human foetuses. Acta Paediat Scand 59:369-76, Jul 70  
BLOOD PROTEINS, analysis/ FETAL  
GLOBULINS, analysis/ \*FETUS/ FIBRINOGEN,  
analysis/ FIBRINOLYSIS, antagonists &  
inhibitors/ \*FIBRINOLYSIS/ FIBRINOLYTIC  
AGENTS, antagonists & inhibitors/  
GESTATIONAL AGE/ HEMATOCRIT/  
HUMAN/ PLASMINOGEN, analysis/  
PREGNANCY
1634. Ekelund H, Hedner U, Nilsson IM: Fibrinolysis in newborns. Acta Paediat Scand 59:33-43, Jan 70  
BLOOD PROTEINS, analysis/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS, pharmacodynamics/  
HEMATOCRIT/ HUMAN/ \*INFANT,  
NEWBORN/ MALE/ PLASMINOGEN, analysis/  
PLASMINOGEN, antagonists & inhibitors/  
TIME FACTORS/ UMBILICAL CORD/  
UMBILICAL VEINS
1635. Ekelund H, Hedner U, Nilsson IM: Fibrin split products in serum of newborn: possible technical errors. Pediatrics 45:156-7, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT,  
NEWBORN
1636. Ekert H: Fibrin split products in serum of newborn: possible technical errors. Pediatrics 45:154-5, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT,  
NEWBORN
1637. Ekert H: Coagulation abnormalities in generalised herpes-simplex infection of newborn.  
Lancet 2:775-6, 10 Oct 70  
\*BLOOD COAGULATION DISORDERS,  
etiology/ \*HERPES SIMPLEX, complications/  
HUMAN/ INFANT, NEWBORN/ \*INFANT,  
NEWBORN, DISEASES, etiology/  
THROMBOPENIA, etiology
1638. Ekert H, Friedlander I, Hardisty RM: The role of platelets in fibrinolysis. Studies on the plasminogen activator and anti-plasmin activity of platelets.  
Brit J Haemat 18:575-84, May 70  
\*BLOOD PLATELETS, physiology/  
\*FIBRINOLYSIS, antagonists & inhibitors/  
\*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS,  
pharmacodynamics/ HEMOLYSIS/ HUMAN/ IN  
VITRO/ \*PLASMINOGEN, metabolism/  
SODIUM CHLORIDE, pharmacodynamics/  
THROMBIN, pharmacodynamics
1639. Ekert H, Gilchrist GS, Stanton R, et al: Hemostasis in cyanotic congenital heart disease.  
J Pediat 76:221-30, Feb 70  
ADOLESCENCE/ \*BLOOD COAGULATION  
DISORDERS/ BLOOD COAGULATION TESTS/  
BLOOD SPECIMEN COLLECTION/ CHILD/  
CHILD, PRESCHOOL/ FEMALE/  
FIBRINOGEN, diagnostic use/ \*HEART  
DEFECTS, CONGENITAL, blood/ HEART  
SEPTAL DEFECTS, ATRIAL, blood/  
\*HEMOSTASIS/ HEPARIN, therapeutic use/  
HUMAN/ INFANT/ INFANT, NEWBORN/  
IODINE ISOTOPES, DIAGNOSTIC/ MALE/  
PULMONARY VALVE STENOSIS, blood/  
TETRALOGY OF FALLOT, blood/  
TRANSPOSITION OF GREAT VESSELS,  
blood/ TRICUSPID VALVE, abnormalities
1640. Eklof B, Schwartz SI: Effects of subclavian steal and compromised cephalic blood flow on cerebral circulation. Surg Forum 20:154-6, 1969  
ANIMAL EXPERIMENTS/ CAROTID  
ARTERIES/ \*CEREBROVASCULAR  
CIRCULATION/ CEREBROVASCULAR  
DISORDERS, complications/ DISEASE  
MODELS, ANIMAL/ DOGS/  
ELECTROENCEPHALOGRAPHY/ EXERTION/  
FORELIMB, blood supply/ HEMOSTASIS/  
ISCHEMIA, complications/ OXYGEN, blood/  
RADIOISOTOPE DILUTION TECHNIC/  
RADIOISOTOPES/ SUBCLAVIAN STEAL  
SYNDROME, etiology/ \*SUBCLAVIAN STEAL  
SYNDROME, physiopathology/ VERTEBRAL  
ARTERY/ XENON
1641. Elefant E, Jeklerova J, Le Breux L: Intestinal obstruction in a newborn with congenital atresia and volvulus caused by hemangioma of the small bowel. Case report. Clin Pediat (Phila) 9:287-9, May 70  
CASE REPORT/ \*HEMANGIOMA,  
complications/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES,  
complications/ INTESTINAL ATRESIA,  
congenital/ \*INTESTINAL ATRESIA, etiology/  
\*INTESTINAL NEOPLASMS, complications/



## AUTHOR SECTION

- \*INTESTINAL OBSTRUCTION, congenital/  
INTESTINE, SMALL/ MALE
1642. Eifenbaum A: Persistent gingival bleeding in elderly patients. *Dent Dig* 78:106-8, Feb 70  
AGED/ \*GINGIVITIS, etiology/  
HEMORRHAGE, ORAL, etiology/ HUMAN/  
\*ORAL MANIFESTATIONS/ \*THROMBOPENIA, complications
1643. Elgeklint G, Högman CF, Akerblom O, et al: A simple method for freezing of lymphocytes with retained viability. *Vox Sang* 17:453-8, Nov 69  
ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD PRESERVATION/ COMPLEMENT/  
FREEZING/ HUMAN/ \*LYMPHOCYTES/ LYMPHOCYTES, immunology/ METHODS
1644. Eliasson K, Bygdeman S: Effect of dipyridamole and two pyrimido-pyrimidine derivatives on the kinetics of human platelet aggregation and on platelet adhesiveness. *Scand J Clin Lab Invest* 24:145-51, Sep 69  
ADENINE NUCLEOTIDES, antagonists & inhibitors/ BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ DENSITOMETRY/ \*DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ IN VITRO/ KINETICS/ METHODS/ NOREPINEPHRINE, antagonists & inhibitors/ PLATELET ADHESIVENESS, drug effects/ \*PYRIDINES, pharmacodynamics/ \*PYRIMIDINES, pharmacodynamics
1645. Eliseev NT, Eliseeva AP: O vliani svezhego chistotela na sostav perifericheskoi krovi sobak. *Farmakol Toksik* 32:625-6, Sep-Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ \*BLOOD, drug effects/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ \*CHELIDONIUM/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ GASTRIC MUCOSA, drug effects/ HEMOGLOBIN, analysis/ INTESTINAL MUCOSA, drug effects/ LEUKOCYTE COUNT/ MALE/ PLANT EXTRACTS, administration & dosage/ PLANT EXTRACTS, pharmacodynamics/ PLANT EXTRACTS, toxicity/ STIMULATION, CHEMICAL
1646. Elišková M, Eliška O: The septal artery and vein in canine coronary vessels. The blood flow rate through the anterior interventricular vein after ligation of the septal artery. *Cor Vasa* 11:136-45, 1969  
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ \*CORONARY VESSELS, anatomy & histology/ \*CORONARY VESSELS, physiology/ CORONARY VESSELS, radiography/ DOGS/ \*HEART SEPTUM, blood supply/ HEMOSTASIS/ REGIONAL BLOOD FLOW
1647. Elleman TC, Williams J: The amino acid sequences of cysteic acid-containing peptides from performic acid-oxidized ovotransferrin. *Biochem J* 116:515-32, Feb 70  
AMINO ACID SEQUENCE/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ \*CYSTINE, analysis/ FEMALE/ FORMIC ACIDS/ OVUM/ PEPSIN/ \*PEPTIDES, analysis/ PEROXIDES/ \*TRANSFERRIN, analysis/ TRYPSIN
1648. Ellis BC: Modification of plasma fibrinogen method. *J Clin Path* 23:374-5, May 70  
ANTICOAGULANTS/ CITRATES/ \*FIBRINOGEN, analysis/ HEMATOCRIT/ MATHEMATICS/ METHODS
1649. Ellis CM, Luneth JB, Nicoloff DM: Effect of protease inhibitors on experimental peptic ulceration. *Amer J Surg* 119:213-6, Feb 70  
ANIMAL EXPERIMENTS/ ANTACIDS, therapeutic use/ CARRAGEENAN, therapeutic use/ CELLULOSE, therapeutic use/ \*CHARCOAL, therapeutic use/ DISEASE MODELS, ANIMAL/ DOGS/ \*ION EXCHANGE RESINS, therapeutic use/ PECTINS, therapeutic use/ \*PEPSIN, antagonists & inhibitors/ PEPTIC ULCER, etiology/ \*PEPTIC ULCER, prevention & control/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ \*POLYSACCHARIDES, therapeutic use/ \*SULFATES, therapeutic use
1650. Ellis HA, Peart KM: The effects of heparin and dextran sulphate on cultured mouse limb bones. *Brit J Exp Path* 51:43-52, Feb 70  
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ \*BONE AND BONES, drug effects/ BONE AND BONES, enzymology/ BONE AND BONES, pathology/ BONE DEVELOPMENT/ BONE RESORPTION, chemically induced/ CARTILAGE, pathology/ \*DEXTRAN, pharmacodynamics/ FORELIMB/ \*HEPARIN, pharmacodynamics/ MICE/ OSTEOPOROSIS, chemically induced/ SULFATES, pharmacodynamics/ TIBIA/ TISSUE CULTURE
1651. Ellis JP, Clink HM: Familial idiopathic thrombocytopenic purpura. Raynaud's phenomenon. *Proc Roy Soc Med* 62:1277-8, 12 Dec 69  
ADULT/ BONE MARROW EXAMINATION/ FEMALE/ FINGERS/ HUMAN/ PURPURA, THROMBOPENIC, complications/ \*PURPURA, THROMBOPENIC, familial & genetic/ \*RAYNAUD'S DISEASE, complications
1652. Ellison SA: Assessment of salivary enzymes. *New Eng J Med* 281:1370, 11 Dec 69  
AMYLASE, analysis/ BIOLOGICAL ASSAY/ HUMAN/ ISOENZYMES, analysis/ KALLIKREIN, analysis/ METHODS/ PEPTIDE HYDROLASES, analysis/ SALIVA, analysis/ \*SALIVA, enzymology/ SARCOIDOSIS, enzymology
1653. Elzinga M: Amino acid sequence studies on rabbit skeletal muscle actin. Cyanogen bromide cleavage of the protein and determination of the sequences of seven of the resulting peptides. *Biochemistry (Wash)* 9:1365-74, 17 Mar 70  
ALKYLATION/ AMINO ACID SEQUENCE/ \*AMINO ACIDS/ AMINO ACIDS, analysis/ AMINOPEPTIDASES/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CELLULOSE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANIDES/ CYSTEINE, analysis/ GEL FILTRATION/ HISTIDINE, analysis/ METHODS/ MOLECULAR WEIGHT/ \*MUSCLE PROTEINS/ MUSCLE PROTEINS, analysis/ PEPTIDE PEPTIDOHYDROLASES/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS/ TRYPSIN/ TRYPTOPHAN, analysis
1654. Emerson WA, Ieve PD, Krevans JR: Hematologic changes in septicemia. *Johns Hopkins Med J* 126:69-76, Feb 70  
ANEMIA, etiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ HEMATOCRIT/ HUMAN/ LEUKOCYTE COUNT/ LEUKOCYTOSIS, etiology/ LEUKOPENIA, etiology/ METHODS/ NEUTROPHILS/ PROSPECTIVE STUDIES/ RETICULOCYTES/ \*SEPTICEMIA, blood/ SEPTICEMIA, complications/ SEPTICEMIA, etiology/ THROMBOPENIA, etiology
1655. Emmrich R: Pathokinese und Kybernetik. *Z Ges Inn Med* 24:593-9, 15 Sep 69 (Ger)  
BLOOD COAGULATION/ \*CYBERNETICS/ DIAGNOSIS, DIFFERENTIAL/ \*DISEASE/ ENGLISH ABSTRACT/ HEMODYNAMICS/ HUMAN/ KIDNEY FAILURE, CHRONIC/ LIVER CIRRHOSIS
1656. Enache F, Cecil P: Antiplasminale. *Med Intern (Bucur)* 22:667-76, Jun 70 (17 ref.) (Rum)  
AMINOCAPROIC ACID, pharmacodynamics/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BENZOATES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ FIBRINOLYSIS,



# AUTHOR SECTION

drug effects/ IN VITRO/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ REVIEW

1657. Endean R, Henderson L: Further studies of toxic material from nematocysts of the cubomedusan *Chironex fleckeri* Southcott. *Toxicon* 7:303-14, Dec 69  
ADENOSINE TRIPHOSPHATASE, analysis/  
ANIMAL EXPERIMENTS/ ANTITOXINS/  
CALCIUM, analysis/ CHYMOTRYPSIN,  
pharmacodynamics/ \*COLENTERATA/  
FREEZE DRYING/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ MUSCLES, analysis/  
MUSCLES, drug effects/ PEPTIDE  
HYDROLASES, pharmacodynamics/ RABBITS/  
RATS/ TOADS/ \*TOXINS/ TOXINS,  
pharmacodynamics/ TRYPSIN,  
pharmacodynamics
1658. Endo K: [Blood fibrinolytic activity in diabetics--before and after treatment]  
J Jap Soc Intern Med 59:16-27, 10 Jan 70 (Jap)  
ADULT/ AGED/ BIGUANIDES,  
pharmacodynamics/ CHOLESTEROL, blood/  
DIABETES MELLITUS, blood/ \*DIABETES  
MELLITUS, drug therapy/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ INSULIN,  
pharmacodynamics/ MALE/ MIDDLE AGE/  
TOLBUTAMIDE, pharmacodynamics
1659. Eneroth CM, Söderberg G, Anggård A: Nasal hemangiopericytoma. *Laryngoscope* 80:17-24, Jan 70  
ADULT/ AGED/ FEMALE/  
\*HEMANGIOPERICYTOMA/  
HEMANGIOPERICYTOMA, classification/  
HEMANGIOPERICYTOMA, pathology/  
HEMANGIOPERICYTOMA, surgery/ HUMAN/  
MALE/ MIDDLE AGE/ \*NOSE NEOPLASMS/  
NOSE NEOPLASMS, classification/ NOSE  
NEOPLASMS, pathology/ NOSE NEOPLASMS,  
surgery
1660. Engel RH, Riggi SJ: Intestinal absorption of heparin: a study of the interactions of components of oil-in-water emulsions. *J Pharm Sci* 58:1372-5, Nov 69  
ANIMAL EXPERIMENTS/ EMULSIONS/  
\*EMULSIONS/ ESTERS, pharmacodynamics/  
GERBILS/ HEPARIN,  
administration & dosage/ \*HEPARIN,  
metabolism/ \*INTESTINAL ABSORPTION,  
drug effects/ LIPASE, blood/ LIPASE,  
metabolism/ MALE/ \*OILS/ PHOSPHATES,  
pharmacodynamics/ RATS/ \*SURFACE-ACTIVE  
AGENTS, pharmacodynamics/ SURFACE  
PROPERTIES/ WATER
1661. Engelberg H: Studies of optimal conditions for the measurement of circulating endogenous lipoprotein lipase activity. *J Atheroscler Res* 10:353-8, Nov-Dec 69  
BLOOD PLATELETS/ CHEMISTRY/  
COCONUT/ FATTY ACIDS, NONESTERIFIED/  
HUMAN/ \*LIPOPROTEIN LIPASE, blood/  
OILS/ SERUM ALBUMIN, BOVINE
1662. Engelberg H: Studies with the Chandler rotating loop. Evidence that thrombin generation is responsible for the formation of the artificial in vitro thrombi. *Thromb Diath Haemorrh* 22:344-50, 15 Nov 69  
\*BLOOD COAGULATION/ \*BLOOD  
COAGULATION TESTS, instrumentation/  
\*BLOOD PLATELETS/ BLOOD PLATELETS,  
physiology/ ENZYME ACTIVATION/ HUMAN/  
IN VITRO/ PLATELET ADHESIVENESS/  
\*THROMBIN/ \*THROMBOSIS
1663. Engler J: Vorläufige Mitteilung über die lokale Behandlung von Gelenken mit dem Proteasen-Inhibitor Contrykal.  
*Deutsch Gesundh* 24:2195-6, 13 Nov 69 (Ger)  
ANIMAL EXPERIMENTS/  
ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ \*ANTIFIBRINOLYTIC  
AGENTS, therapeutic use/ ENGLISH  
ABSTRACT/ HUMAN/ \*JOINT DISEASES,  
drug therapy/ JOINTS, drug effects/  
\*PEPTIDE HYDROLASES, antagonists &  
inhibitors/ RABBITS
1664. Enna CD: Observations of the hallucal sesamoids in trauma to the denervated foot.  
*Int Surg* 53:97-107, Feb 70  
CICATRIX, etiology/ CICATRIX, radiography/  
DENERVATION/ DERMATOGLYPHICS/ FOOT,  
innervation/ FOOT DISEASES, complications/  
FOOT DISEASES, etiology/ \*FOOT DISEASES,  
radiography/ FRACTURES, etiology/  
FRACTURES, radiography/ HALLUX,  
pathology/ HALLUX, physiopathology/  
\*HALLUX, radiography/ HALLUX, surgery/  
HALLUX VALGUS, radiography/ HEMATOMA,  
etiology/ HUMAN/ LEPROSY, complications/  
\*METATARSUS, injuries/ SESAMOID BONES,  
injuries/ SESAMOID BONES, pathology/  
SESAMOID BONES, physiopathology/  
\*SESAMOID BONES, radiography/ SESAMOID  
BONES, surgery/ SKIN ULCER, etiology/  
SKIN ULCER, radiography
1665. Enticknap JB, Gooding PG, Lansley TS, et al: Platelet size and function in ischaemic heart disease.  
*J Atheroscler Res* 10:41-9, Jul-Aug 69  
ADENINE NUCLEOTIDES, diagnostic use/  
BLOOD CELL COUNT/ \*BLOOD PLATELETS/  
\*BLOOD SEDIMENTATION/ COMPUTERS,  
DIGITAL/ CORONARY DISEASE, diagnosis/  
\*CORONARY DISEASE, pathology/  
CORONARY DISEASE, physiopathology/  
FEMALE/ HUMAN/ ISCHEMIA, pathology/  
MALE/ MIDDLE AGE/ PLATELET  
ADHESIVENESS/ SEX FACTORS/ SMOKING
1666. Enticknap JB, Lansley TS, Davis T: Reduction in blood platelet size with increase in circulating numbers in the postoperative period and a comparison of the glass bead and rotating bulb methods for detecting changes in function. *J Clin Path* 23:140-3, Mar 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
AGED/ BLOOD CELL COUNT/ \*BLOOD  
PLATELETS/ BLOOD PLATELETS, drug  
effects/ FEMALE/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ PLATELET  
ADHESIVENESS/ SPLENECTOMY/ \*SURGERY,  
OPERATIVE/ TIME FACTORS
1667. Epand RM: Evidence against the obligatory formation of an acyl enzyme intermediate in the alpha-chymotrypsin catalyzed reactions of amides. *Biochem Biophys Res Commun* 37:313-8, 8 Oct 69  
\*AMIDES/ BENZOATES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ ESTERS/ GLYCINE/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ TYROSINE/ WATER
1668. Epel D: Methods for removal of the vitelline membrane of sea urchin eggs. II. Controlled exposure to trypsin to eliminate post-fertilization clumping of embryos. *Exp Cell Res* 61:69-70, Jul 70  
AGGLUTINATION/ ANIMAL EXPERIMENTS/  
\*ECHINODERMATA, drug effects/ \*OVUM,  
drug effects/ \*TRYPSIN, pharmacodynamics/  
VITELLINE MEMBRANE, drug effects
1669. Epifanov NS, Egorov VG, Landesman EG: Krovopoteria i problemy gemostaza v khirurgii adenomy predstatel'noi zhelezy.  
*Vestn Khir Grekov* 103:37-41, Dec 69 (Rus)  
BLOOD COAGULATION/ ENGLISH  
ABSTRACT/ FIBRINOLYSIS/ \*HEMOSTASIS/  
HUMAN/ MALE/ \*PROSTATIC  
HYPERTROPHY, surgery
1670. Epps JM, Rosser SB, Kurtz LH: Ovarian-vein thrombosis: a postpartum surgical emergency. Report of a case. *Med Ann DC* 39:202-4, Apr 70  
ADULT/ ANTICOAGULANTS, therapeutic use/  
CASE REPORT/ FEMALE/ FIBRINOLYTIC  
AGENTS, therapeutic use/ HUMAN/ \*OVARY,  
blood supply/ \*PUERPERAL DISORDERS/  
THROMBOSIS, drug therapy/ \*THROMBOSIS,  
etiology
1671. Epstein BS, Epstein JA, Carras R: Extension of posterior fossa tumors, particularly intraventricular fourth ventricle tumors, into the upper cervical spinal canal. *Amer J Roentgen* 110:31-8, Sep 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
ANGIOGRAPHY/ \*BRAIN NEOPLASMS,  
radiography/ CEREBELLUM, radiography/  
\*CEREBRAL VENTRICLE NEOPLASMS,  
radiography/ CHILD/ CHILD, PRESCHOOL/



# AUTHOR SECTION

- CHOROID NEOPLASMS, radiography/  
CHOROID PLEXUS, radiography/  
EPENDYMOMA, radiography/ FEMALE/  
HEMANGIOMA, radiography/ HUMAN/  
INFANT/ MALE/ MEDULLOBLASTOMA,  
radiography/ MIDDLE AGE/ MYELOGRAPHY/  
NEURILEMMOMA, radiography/ PAPILLOMA,  
radiography/ PNEUMOENCEPHALOGRAPHY/  
\*SPINAL CANAL, radiography/  
VENTRICULOGRAPHY
1672. Epstein SE, Brakman P, Rosing DR, et al: Impaired fibrinolytic response to exercise in patients with type-IV hyperlipoproteinaemia.  
Lancet 2:631-4, 26 Sep 70  
ADULT/ ARTERIOSCLEROSIS, etiology/  
CHOLESTEROL, blood/ CORONARY DISEASE,  
etiology/ \*EXERTION/ FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ HEART RATE/ HUMAN/  
\*HYPERLIPEMIA, ESSENTIAL FAMILIAL,  
blood/ HYPERLIPEMIA, ESSENTIAL  
FAMILIAL, complications/ HYPERLIPEMIA,  
ESSENTIAL FAMILIAL, physiopathology/  
MALE/ MIDDLE AGE/ OXYGEN  
CONSUMPTION/ PLASMINOGEN, analysis/  
\*TRIGLYCERIDES, blood
1673. Eramishantsev AK, Patslora MD: O primeneni  
geparina v posleoperatsionnom periode u bol'nykh s  
portal'noi gipertoniei.  
Khirurgia (Moskva) 45:73-6, Mar 69 (Rus)  
ADOLESCENCE/ ADULT/ FEMALE/  
\*HEPARIN, therapeutic use/ HUMAN/  
\*HYPERTENSION, PORTAL, surgery/ MALE/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ \*THROMBOSIS,  
prevention & control
1674. Erbslöh F, Rompel K: Apoplektischer Insult als  
Verlaufsereignis der zerebralen Arteriosklerose.  
Med Klin 64:2059-67, 7 Nov 69 (Ger)  
\*ANTICOAGULANTS, therapeutic use/  
\*CEREBRAL ARTERIOSCLEROSIS,  
complications/ CEREBRAL  
ARTERIOSCLEROSIS, drug therapy/  
\*CEREBRAL ISCHEMIA, TRANSIENT,  
complications/ CEREBROVASCULAR  
DISORDERS, complications/  
CEREBROVASCULAR DISORDERS, drug  
therapy/ \*CEREBROVASCULAR DISORDERS,  
etiology/ CEREBROVASCULAR DISORDERS,  
radiography/ HUMAN
1675. Ercegovic N: Spontana atipična intracerebralna  
krvavijenja. Vojnosanit Pregl 27:214-6, May 70 (Cro)  
ADOLESCENCE/ ADULT/ \*CEREBRAL  
HEMORRHAGE, diagnosis/ CEREBRAL  
HEMORRHAGE, surgery/ FEMALE/  
\*HEMATOMA, surgery/ HUMAN/ MALE/  
MIDDLE AGE
1676. Erickson RP, Steers E Jr: Evidence for pyrrolidone  
carboxylic acid in beta-galactosidase from E.  
Biochem Biophys Res Commun 37:736-43, 20 Nov 69  
AMINO ACIDS, analysis/ CHROMATOGRAPHY,  
ION EXCHANGE/ \*ESCHERICHIA COLI,  
analysis/ \*GALACTOSIDASE, analysis/  
MOLECULAR WEIGHT/ NITROBENZENES/  
PEPTIDE HYDROLASES/ PEPTIDES, analysis/  
\*PYRROLIDINONES, analysis/ THREONINE,  
analysis
1677. Eriksson I, Jorulf H: Surgical complications associated  
with arterial catheterization.  
Scand J Thorac Cardiovasc Surg 4:69-75, 1970  
ADULT/ ANEURYSM, etiology/  
\*ANGIOGRAPHY, adverse effects/  
AORTOGRAPHY, adverse effects/ AXILLARY  
ARTERY, radiography/ FEMORAL ARTERY,  
radiography/ FOREIGN BODIES/ \*HEART  
CATHETERIZATION, adverse effects/  
HEMATOMA, etiology/ HUMAN/ ISCHEMIA,  
etiology/ MIDDLE AGE/ THROMBOSIS,  
etiology
1678. Eriksson M: Effect of salicylate treatment on fetal and  
maternal prothrombin time in the mouse.  
Acta Physiol Scand 78:39-42, Jan 70  
ANIMAL EXPERIMENTS/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
FEMALE/ FETUS, drug effects/  
HEMORRHAGE, chemically induced/  
HYPOPROTHROMBINEMIAS/ MICE/  
PREGNANCY/ PROTHROMBIN, analysis/  
\*PROTHROMBIN TIME/ \*SODIUM  
SALICYLATE, pharmacodynamics
1679. Eriksson S: Antitrypsin deficiency in chronic  
obstructive lung disease. Lancet 1:891-2, 25 Apr 70  
\*EMPHYSEMA, metabolism/ HUMAN/  
METABOLISM, INBORN ERRORS, familial &  
genetic/ \*TRYPSIN INHIBITORS, metabolism
1680. Erlanger BF, Sack RA: Operational normality of  
alpha-chymotrypsin solutions by a sensitive  
potentiometric technique using a fluoride electrode.  
Anal Biochem 33:318-22, Feb 70  
CARBAMATES/ \*CHYMOTRYPSIN, analysis/  
CHYMOTRYPSIN, antagonists & inhibitors/  
CHYMOTRYPSIN, standards/  
\*CONDUCTOMETRY, instrumentation/  
ELECTRODES/ \*FLUORIDES, analysis/  
METHODS
1681. Erlanson C: p-nitrophenylacetate as a substrate for a  
carboxyl-ester hydrolase in pancreatic juice and  
intestinal content. Scand J Gastroent 5:333-6, 1970  
CHYMOTRYPSIN/ COLORIMETRY/  
\*ESTERASES, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ \*PANCREATIC JUICE,  
enzymology/ PHENYLACETATES/ RATS/  
TIME FACTORS/ TRYPSIN
1682. Erman LV: Vrozhdenaiia nesferotsitarnaia  
gemoliticheskaia anemii s defitsitom  
glutazionzavisimyykh fermentov (obzor literatury)  
Probl Gemat 15:46-50, Mar 70 (25 ref.) (Rus)  
ANEMIA, APLASTIC, familial & genetic/  
\*ANEMIA, HEMOLYTIC, CONGENITAL  
NONSPHEROCYTIC/ ANEMIA, HEMOLYTIC,  
CONGENITAL NONSPHEROCYTIC, etiology/  
CATALASE, blood/ ERYTHROCYTES,  
enzymology/ GLUTATHIONE, metabolism/  
GLUTATHIONE, physiology/ GLUTATHIONE  
REDUCTASE, blood/ HUMAN/ LIGASES,  
blood/ \*METABOLISM, INBORN ERRORS,  
complications/ NERVOUS SYSTEM DISEASES,  
etiology/ NERVOUS SYSTEM DISEASES,  
familial & genetic/ REVIEW/  
THROMBOPENIA, familial & genetic
1683. Ermilov VV: Sluchai lozhnoi travmaticheskoi  
anevrizmy levogo zheludochka serdtsa posle  
ognestrel'nogo raneniiia grudnoi kletki.  
Kardiologiya 10:134-5, May 70 (Rus)  
ADULT/ CASE REPORT/ FEMALE/ \*HEART  
ANEURYSM, etiology/ \*HEART INJURIES,  
complications/ \*HEMATOMA, etiology/  
HUMAN/ \*WOUNDS, GUNSHOT, complications
1684. Ermol'eva ZV, Silaev AB, Iulikova EP, et al: Izuchenie  
khimicheskogo sostava i protivopukhchivoi  
aktivnosti protaminov, vydeleniyykh iz molok  
ostrovnykh ryb. Antibiotiki 15:25-8, Jan 70 (Rus)  
ALANINE, analysis/ \*AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC  
AGENTS/ ARGININE, analysis/ ASPARTIC  
ACID, analysis/ CHROMATOGRAPHY, THIN  
LAYER/ COMPARATIVE STUDY/  
DEPRESSION, CHEMICAL/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
FISHES/ GLUTAMATES, analysis/ GLYCINE,  
analysis/ HISTIDINE, analysis/ LEUCINE,  
analysis/ LYSINE, analysis/ MALE/  
METHIONINE, analysis/ MICE/ MOLECULAR  
WEIGHT/ NEOPLASMS, EXPERIMENTAL,  
drug therapy/ \*NUCLEIC ACIDS, analysis/  
PROLINE, analysis/ \*PROTAMINES, analysis/  
PROTAMINES, isolation & purification/  
\*PROTAMINES, therapeutic use/ \*SARCOMA  
37, drug therapy/ SERINE, analysis/  
SPECTRUM ANALYSIS/ \*SULFATES, analysis/  
SULFATES, isolation & purification/  
\*SULFATES, therapeutic use/ THREONINE,  
analysis/ ULTRAVIOLET RAYS
1685. Errill EW: Rheology of blood.  
Physiol Rev 49:863-88, Oct 69 (49 ref.)  
AFIBRINOGENEMIA/ ANEMIA/ ANIMAL



# AUTHOR SECTION

EXPERIMENTS/ ANTICOAGULANTS/  
BLOOD/ BLOOD PROTEIN DISORDERS/  
BLOOD PROTEINS/ ERYTHROCYTES/  
EXTRACORPOREAL CIRCULATION/  
FIBRINOGEN/ HEMATOCRIT/ HUMAN/  
POLYCYTHEMIA/ REVIEW/ \*RHEOLOGY/  
SODIUM CHLORIDE/ TEMPERATURE/  
VISCOSITY

1686. Ersoz CJ, Hedden M, Lain L: Prolonged femoral arterial catheterization for intensive care. *Anesth Analg (Cleveland)* 49:160-4, Jan-Feb 70  
ADOLESCENCE/ ADULT/ AGED/  
\*CATHETERIZATION/ CATHETERIZATION, adverse effects/ CHRONIC DISEASE/  
\*FEMORAL ARTERY/ HEAD INJURIES, surgery/ HEART SURGERY/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ INTENSIVE CARE UNITS/ LUNG DISEASES, surgery/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, surgery/ NEUROSURGERY/ PULSE/ SHOCK, TOXIC, surgery/ THROMBOSIS, etiology/ TIME FACTORS
1687. Ertürk E, Cohen SM, Price JM, et al: The production of hemangioendothelioma in rats by feeding 5-acetamido-3-(5-nitro-2-furyl)-6H-1,2,4-oxadiazine. *Cancer Res* 29:2212-8, Dec 69  
ANIMAL EXPERIMENTS/ ANIMAL FEED/ FEMALE/ \*HEMANGIOENDOTHELIOMA, chemically induced/ \*LIVER NEOPLASMS, chemically induced/ \*LUNG NEOPLASMS, chemically induced/ \*MESENTERY/ NITROFURANS/ \*OXAZINES/ RATS
1688. Esnouf MP: Enzymology and blood coagulation. *Biochem J* 115:1P-2P, Nov 69  
\*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS, metabolism/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS, metabolism/ FACTOR V, metabolism/ FACTOR X, metabolism/ THROMBIN, biosynthesis
1689. Espey LL: Effect of various substances on tensile strength of sow ovarian follicles. *Amer J Physiol* 219:230-3, Jul 70  
ACID-BASE EQUILIBRIUM/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN, pharmacodynamics/ ELASTICITY/ \*GRAAFIAN FOLLICLE, drug effects/ GRAAFIAN FOLLICLE, enzymology/ HYALURONIDASE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ OVARY, anatomy & histology/ \*OVULATION/ \*PEPTIDE HYDROLASES, pharmacodynamics/ SWINE/ TRYPSIN, pharmacodynamics
1690. Espinosa E, Kaplan MH: Antigenic analysis of human heart tissue. Antigens with restricted organ distribution in acid extracts of human myocardium. *J Immun* 105:416-25, Aug 70  
ACIDS/ ANIMAL EXPERIMENTS/ ANTIGENS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CROSS REACTIONS/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MUSCLES, immunology/ \*MYOCARDIUM, immunology/ ORGAN SPECIFICITY/ PEPSIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ SODIUM CHLORIDE/ SPECIES SPECIFICITY/ TISSUE EXTRACTS/ TRYPSIN, pharmacodynamics
1691. Espinosa MH, Updegrave JH: Clinical experience with the G-suit. *Arch Surg (Chicago)* 101:36-9, Jul 70  
ADOLESCENCE/ ADULT/ AGED/ \*AORTIC RUPTURE, therapy/ \*ATMOSPHERIC PRESSURE/ \*CLOTHING/ FEMALE/ \*HEMOSTASIS, instrumentation/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ \*PEPTIC ULCER HEMORRHAGE, therapy/ \*SHOCK, HEMORRHAGIC, therapy/ \*SPLENIC RUPTURE, therapy
1692. Esser G, Egli H, Kalinke H: Die Bedeutung der Blutgerinnungsfaktoren für die Beurteilung der Eiweissyntheseleistung der Leber bei Parenchymschäden und für die Operationsbelastbarkeit Leberzirrhosekranker. *Acta Hepatosplen (Stuttgart)* 17:159-65, May-Jun 70 (Ger)  
\*ALBUMINS, biosynthesis/ \*BLOOD COAGULATION FACTORS, metabolism/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, analysis/ IMMUNOELECTROPHORESIS/ \*LIVER, metabolism/ LIVER, pathology/ \*LIVER CIRRHOSIS, surgery/ SERUM ALBUMIN, analysis
1693. Estes JW: Kinetics of the anticoagulant effect of heparin. *JAMA* 212:1492-5, 1 Jun 70  
\*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ FEMALE/ HEPARIN, administration & dosage/ \*HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ KINETICS/ MALE
1694. Estour E: Réduction du saignement opératoire par un produit de synthèse: Le D.B.S.D. Intérêt en chirurgie générale. *Lyon Med* 218:367-76, 3 Sep 67 (Fre)  
ADOLESCENCE/ ADULT/ AGED/ ETHYLAMINES, therapeutic use/ FEMALE/ \*HEMORRHAGE, drug therapy/ \*HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ SULFONIC ACIDS, therapeutic use/ SURGERY, OPERATIVE
1695. Estrada-Parra S, Bustamante Y, Dávila G, et al: Immunological studies with papain and mexican. II. *Rev Lat Amer Microbiol* 11:145-9, Jul-Sep 69  
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ \*ANTIGEN-ANTIBODY REACTIONS/ \*ENZYMES/ ESTERASES/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ \*PAPAIN/ PEPTIDE HYDROLASES/ PLANT EXTRACTS/ RABBITS
1696. Etienne J, Paysant M, Grüber A, et al: Présence d'un précurseur de phospholipase dans le sérum humain normal. *Bull Soc Chim Biol (Paris)* 51:709-16, 18 Sep 69 (Fre)  
AMMONIUM COMPOUNDS/ CALCIUM/ CEPHALINS/ ENGLISH ABSTRACT/ \*ENZYME PRECURSORS, blood/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ \*PHOSPHOLIPASE, blood/ PHOSPHORUS ISOTOPES/ PRECIPITATION/ SULFATES/ TRYPSIN
1697. Eto T, Taniguchi N: [Childbirth in patients with thrombocytopenia] *Kango* 22:100-2, Apr 70 (Jap)  
DELIVERY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ SPECIAL LIST NURSING/ THROMBOPENIA
1698. Eurenus K, McIntyre OR: Cell dynamics in phytohemagglutinin (PHA) stimulated guinea-pig lymph node lymphocyte cultures. *Int Arch Allerg* 37:393-408, 1970  
AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CELL COUNT/ DNA, analysis/ GUINEA PIGS/ IMMUNIZATION/ LYMPH NODES, cytology/ \*LYMPH NODES, immunology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ \*LYMPHOCYTES, immunology/ PEPTIDE HYDROLASES/ \*PLANT AGGLUTININS, pharmacodynamics/ THYMIDINE, metabolism/ \*TISSUE CULTURE/ TRITUM/ URIDINE, metabolism
1699. Evangelista BS, Green TJ, Gwilt DJ, et al: An experimental study of current therapeutic approaches to endotoxin shock. *Arch Int Pharmacodyn* 180:57-67, Jul 69  
ANIMAL EXPERIMENTS/ BICARBONATES, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ DOGS/ \*DRUG SYNERGISM/ FEMALE/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/



## AUTHOR SECTION

- PHENOXYBENZAMINE, pharmacodynamics/  
PLASMA SUBSTITUTES, pharmacodynamics/  
\*SHOCK, ENDOTOXIC, drug therapy/ SHOCK,  
ENDOTOXIC, mortality/ SODIUM,  
pharmacodynamics/ STANOZOLOL,  
pharmacodynamics/ TROMETHAMINE,  
pharmacodynamics/ VASOPRESSIN,  
pharmacodynamics
1700. Evans A, Weaver JP, Walder DN: A viscometer for the study of blood. *Biorheology* 4:169-74, Sep 67  
BLOOD SEDIMENTATION/ \*BLOOD  
VISCOSITY/ HUMAN/ PLASMA/ RHEOLOGY/  
\*VISCOSITY, instrumentation
1701. Evans AR, Forrester RM, Discombe C: Neonatal haemorrhage following maternal anticonvulsant therapy. *Lancet* 1:517-8, 7 Mar 70  
ADULT/ \*ANTICONVULSANTS, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ EPILEPSY, drug therapy/ FEMALE/  
\*HEMORRHAGIC DISEASE OF NEWBORN, chemically induced/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HUMAN/ INFANT, NEWBORN/ MALE/  
PHENOBARBITAL, adverse effects/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ PRIMIDONE, adverse effects/ VITAMIN K, therapeutic use
1702. Evans DA: The hydroxylation of drugs - a pharmacogenetic problem?  
*Proc Roy Soc Med* 63:178, Feb 70  
ANTIPYRINE, metabolism/  
BISHYDROXYCOUMARIN, metabolism/  
DIPHENYLHYDANTOIN, metabolism/  
ENDOPLASMIC RETICULUM, metabolism/  
\*HYDROXYLASES, metabolism/ LIVER, metabolism/  
NORTRIPTYLINE, metabolism/  
\*PHARMACOGENETICS/ PHENYLBUTAZONE, metabolism
1703. Evans DA: Genetic factors in drug therapy. *Sci Basis Med Ann Rev* 166-82, 1969 (23 ref.)  
ADOLESCENCE/ AGED/ ALCOHOL  
OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ CHILD/  
DIPHENYLHYDANTOIN, adverse effects/  
DIPHENYLHYDANTOIN, metabolism/ \*DRUGS, metabolism/ FEMALE/ GLAUCOMA, familial & genetic/ HUMAN/ HYDRALAZINE, metabolism/ ISONIAZID, adverse effects/  
ISONIAZID, metabolism/ ISONIAZID, therapeutic use/ LIVER, enzymology/ LIVER, metabolism/ MALE/ MYOCARDIAL INFARCT, drug therapy/ \*PHARMACOGENETICS/  
PHENACETIN, metabolism/ PHENELZINE, metabolism/ PHENOTYPE/ \*POLYMORPHISM (GENETICS)/ POLYNEURITIS, chemically induced/ REVIEW/ STREPTOMYCIN, therapeutic use/ SULFAMETHAZINE, metabolism/ TUBERCULOSIS, PULMONARY, drug therapy
1704. Evans HE, Levi M, Mandl I: Serum enzyme inhibitor concentrations in the respiratory distress syndrome. *Amer Rev Resp Dis* 101:359-63, Mar 70  
ASTHMA, enzymology/ CYSTIC FIBROSIS, enzymology/ FEMALE/ HUMAN/  
IMMUNOASSAY/ INFANT, NEWBORN/ MALE/ \*PANCREATOPEPTIDASE, antagonists & inhibitors/ \*RESPIRATORY DISTRESS SYNDROME, enzymology/ \*TRYPSIN INHIBITORS, blood
1705. Evatt BL, Levin J: Measurement of thrombopoiesis in rabbits using <sup>75</sup>selenomethionine. *J Clin Invest* 48:1615-26, Sep 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ \*BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ GUINEA PIGS/  
\*HEMATOPOIESIS/ HEMORRHAGE, physiopathology/ INJECTIONS, INTRAVENOUS/ MECHLORETHAMINE/ METHIONINE, metabolism/ METHODS/ RABBITS/ RADIOISOTOPES/ SELENIUM/ THROMBOCYTOSIS, physiopathology/
- THROMBOPENIA, physiopathology/ TISSUE CULTURE
1706. Evdokimov VN, Fidruss EI: Diagnostika travmaticheskikh intramural'nykh gematom kishechnika.  
*Vestn Khir Grekov* 104:94-8, May 70 (Rus)  
\*ABDOMINAL INJURIES/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMATOMA, diagnosis/ HEMATOMA, radiography/ HEMATOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/  
\*INTESTINES, injuries/ MALE/ MIDDLE AGE
1707. Evdoshchenko EA, Gerasimenko NG, Mikhailovskaia TE: Primenenie sukhoi liofilizirovannoi vikasol'noi plazmy s tsel'iu gemostaza pri gaimorotamii i étmoldéktomii.  
*Zh Ushn Nos Gori Bolez* 29:29-33, Jan-Feb 69 (Rus)  
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ \*ETHMOID SINUS, surgery/ FEMALE/ FREEZE DRYING/ HEMORRHAGE, prevention & control/ \*HEMOSTATICS, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ \*MAXILLARY SINUS, surgery/ MIDDLE AGE/ PLASMA SUBSTITUTES, therapeutic use/ \*POLYPS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*SINUSITIS, surgery/  
\*VITAMIN K, therapeutic use
1708. Evensen SA, Jeremic M, Hjort PF: Die Rolle der Thrombozyten für die Auflösung intravasaler Gerinnung. *Bibl Haemat* 32:292-7, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, physiopathology/  
\*BLOOD PLATELETS/ BUSULFAN/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMOLYSIS/ INJECTIONS, INTRAVENOUS/ KIDNEY GLOMERULUS, analysis/ MODELS, BIOLOGIC/ NEOPLASMS, complications/ PLATELET ADHESIVENESS/ PURPURA, complications/ RABBITS/ SEPTICEMIA, complications/ SHOCK, complications/ SHWARTZMAN PHENOMENON/ SULFONIC ACIDS, administration & dosage/ THROMBOPENIA, chemically induced
1709. Evensen SA, Jeremic M: Platelets and the triggering mechanism of intravascular coagulation. *Brit J Haemat* 19:33-46, Jul 70  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ \*BLOOD PLATELETS/  
\*BLOOD VESSELS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ IODINE ISOTOPES/ PHAGOCYTOSIS/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, metabolism/ SHWARTZMAN PHENOMENON/ SODIUM CHLORIDE/ THORIUM DIOXIDE
1710. Everett ED, Overholt EL: Hemorrhagic skin infarction secondary to oral anticoagulants. *Arch Derm (Chicago)* 100:588-91, Nov 69  
AGED/ ANTICOAGULANTS, administration & dosage/ \*ANTICOAGULANTS, adverse effects/ FEMALE/ HEART FAILURE, CONGESTIVE, drug therapy/ \*HEMORRHAGE, chemically induced/ HUMAN/ INFARCTION/ NECROSIS/  
\*SKIN, blood supply/ SKIN DISEASES, chemically induced/ WARFARIN, adverse effects
1711. Evseeva LF, Enrikes OB: Kininogenaznaia i kininaznaia aktivnost' nekotorykh zmelnykh iadov. *Farmakol Toksik* 32:432-4, Jul-Aug 69 (Rus)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BRADYKININ, analysis/ \*CARBOXYPEPTIDASES, analysis/  
CARBOXYPEPTIDASES, antagonists & inhibitors/ ENGLISH ABSTRACT/ ESTERASES, analysis/ HYDROGEN-ION CONCENTRATION/ ILEUM, enzymology/  
KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ \*KININS, analysis/  
PROTEINS, analysis/ SNAKES/ SOY BEANS/  
\*TRYPSIN, analysis/ TRYPSIN INHIBITORS, pharmacodynamics/ \*VENOMS, analysis



# AUTHOR SECTION

1712. Evsiukova II, Reinish MS: O geneze krovoizlilanla v setchatku glaza u novorozhdennykh detei. Vop Okhr Materin Dets 14:61-5, May 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/  
FIBRINOLYSIS/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES,  
etiology/ MALE/ OPHTHALMOSCOPY/  
\*RETINAL HEMORRHAGE, etiology/  
UMBILICAL CORD

1713. Ewart MR, Hatton M, Basford JM, et al: The proteolytic action of arvin on human fibrinogen. Biochem J 115:17P, Nov 69  
\*ANTICOAGULANTS/ \*FIBRINOGEN,  
metabolism/ HUMAN/ IN VITRO/ PEPTIDE  
HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, metabolism/ PEPTIDES,  
analysis/ \*VENOMS

1714. Ewbank RL: Unusual infected hematoma: report of case. J Biomed Mat Res 79:898-900, Oct 69  
ABSCISS, diagnosis/ ABSCISS, surgery/  
CASE REPORT/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ \*EDEMA, diagnosis/ EDEMA,  
etiology/ \*FACIAL INJURIES, diagnosis/  
FEMALE/ \*HEMATOMA, etiology/  
HEMATOMA, microbiology/ HUMAN/  
\*MANDIBULAR INJURIES, complications

1715. Ewbank RL: Unusual infected hematoma: report of case. J Amer Dent Ass 79:898-900, Oct 69  
ABSCISS, diagnosis/ ABSCISS, surgery/  
CASE REPORT/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ \*EDEMA, diagnosis/ EDEMA,  
etiology/ \*FACIAL INJURIES, diagnosis/  
FEMALE/ \*HEMATOMA, etiology/  
HEMATOMA, microbiology/ HUMAN/  
\*MANDIBULAR INJURIES, complications

1716. Eyl A, Inagami T: Modification of carboxyl groups in the active site of trypsin. Biochem Biophys Res Commun 38:149-55, 6 Jan 70  
AMIDES/ ASPARAGINE/ ASPARTIC ACID/  
BINDING SITES/ CATTLE/ CHEMISTRY/  
CHROMATOGRAPHY, THIN LAYER/  
GLYCINE/ HYDANTOINS/ IMIDES/  
TRYPSIN/ TRYPSIN INHIBITORS

1717. Eyre HJ, Rosen PJ, Perry S: Relative labeling of leukocytes, erythrocytes and platelets in human blood by 51-chromium. Blood 36:250-3, Aug 70  
\*BLOOD PLATELETS, metabolism/  
CENTRIFUGATION, DENSITY GRADIENT/  
\*CHROMIUM ISOTOPES, metabolism/  
DENSITOMETRY/ \*ERYTHROCYTES,  
metabolism/ HUMAN/ \*LEUKOCYTES,  
metabolism/ RADIOAUTOGRAPHY/  
RADIOMETRY

1718. Ezdinli EZ, Sokal JE, Crosswhite L, et al: Philadelphia-chromosome-positive and -negative chronic myelocytic leukemia. Ann Intern Med 72:175-82, Feb 70  
AGED/ ALKALINE PHOSPHATASE, blood/  
BASOPHILS/ \*CHROMOSOMES, HUMAN,  
21-22/ FEMALE/ HUMAN/ LEUKEMIA,  
MYELOCYTIC, classification/ LEUKEMIA,  
MYELOCYTIC, complications/ LEUKEMIA,  
MYELOCYTIC, drug therapy/ LEUKEMIA,  
MYELOCYTIC, enzymology/ \*LEUKEMIA,  
MYELOCYTIC, familial & genetic/  
LEUKEMIA, MYELOCYTIC, mortality/  
LEUKEMIA, MYELOCYTIC, radiotherapy/  
LEUKOCYTES, enzymology/ MALE/ MIDDLE  
AGE/ MYELOFIBROSIS, complications/  
MYELOID METAPLASIA, complications/  
THROMBOCYTOSIS, complications

1719. Ezhova VA, Guz SIA: Izmenenie nekotorykh pokazatelei svertyvalushchei i protivosvertyvalushchei sistemy krovi i lipidnogo obmena u bol'nykh s nachal'nyim tserebral'nyim aterosklerozom pri kompleksnom sanatorno-klimaticheskom lechenii s primeneniem bipolarnogo elektroforeza novokaina i ioda. Vop Kurort Fizioter 34:343-7, Jul-Aug 69 (Rus)  
\*BLOOD COAGULATION/ \*CEREBRAL  
ARTERIOSCLEROSIS, therapy/ CLIMATE/  
\*HEALTH RESORTS/ HUMAN/ \*IODINE,  
administration & dosage/ IONTOPHORESIS/

MIDDLE AGE/ \*PROCAINE, administration & dosage/ UKRAINE

## F

1720. Fabian E, Havránek F, Stork A, et al: Změny některých ukazatelů tukového metabolismu po krátkodobém upžívání Biogestu u fertilních netěhotných žen av I. trimestru těhotenství. Cas Lek Cesk 108:1466-9, Nov 69 (Cze)  
ADULT/ \*CONTRACEPTIVES, ORAL,  
pharmacodynamics/ ENGLISH ABSTRACT/  
\*ENZYMES, blood/ FATTY ACIDS,  
NONESTERIFIED, blood/ FEMALE/ HEPARIN,  
diagnostic use/ HUMAN/ LIPIDS, blood/  
LIPOPROTEIN LIPASE, blood/ MESTRANOL,  
pharmacodynamics/ PREGNANCY/  
PROGESTERONE, pharmacodynamics

1721. Fabian E, Kobilková J, Stork A, et al: Vliv androgenů na aktivitu heparinem aktivovaných lipolytických enzymů u zdravých osoba nemocných s cirhózou jater. Cas Lek Cesk 109:33-7, Jan 70 (Cze)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
HEPARIN/ HUMAN/ LIPIDS, blood/  
\*LIPOPROTEIN LIPASE, blood/ \*LIVER  
CIRRHOSIS, metabolism/ MALE/ MIDDLE  
AGE/ \*TESTOSTERONE, pharmacodynamics/  
VAGINAL SMEARS

1722. Fabian E, Stork A, Kobilková J, et al: Vliv estrogenů na aktivitu enzymů tukového metabolismu-lipoproteinové lipázy a poheparinové esterázy. Cas Lek Cesk 108:1277-80, Oct 69 (Cze)  
ENGLISH ABSTRACT/ \*ESTERASES,  
metabolism/ ESTRADIOL, pharmacodynamics/  
\*ESTROGENS, pharmacodynamics/ FEMALE/  
HEPARIN, metabolism/ HUMAN/ \*LIPIDS,  
metabolism/ \*LIPOPROTEIN LIPASE,  
metabolism/ MALE/ MIDDLE AGE/ SEX  
FACTORS

1723. Fábryová L, Hrubisko M: K otázce výskytu sérovej hepatitidy po podání Cohnovej frakcie I. alebo fibrinogénu a antihemofilického globulínu (AHG). Vnitřní Lek 16:123-6, Feb 70 (Slo)  
AFIBRINOGENEMIA, therapy/ BLOOD  
TRANSFUSION, adverse effects/ ENGLISH  
ABSTRACT/ \*FACTOR VIII, administration &  
dosage/ \*FIBRINOGEN, administration &  
dosage/ HEMOPHILIA, therapy/ \*HEPATITIS,  
HOMOLOGOUS SERUM, chemically induced/  
HUMAN/ THROMBOPENIA, therapy/ VON  
WILLEBRAND'S DISEASE, therapy

1724. Facchini G, Fontana G, Cremonini GP, et al: Su alcuni aspetti della emocoagulazione nelle pancreatiti croniche con particolare riferimento al test dell'antitrombina. G Clin Med 50:75-89, Jan 69 (Ita)  
\*ANTITHROMBIN, analysis/ \*BLOOD  
COAGULATION TESTS/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ HUMAN/  
\*PANCREATITIS, blood/  
THROMBELASTOGRAPHY/ VITAMIN K,  
metabolism

1725. Fadali AM, Ramos MD, Topaz SR, et al: The use of autogenous peritoneum for heart valve replacement. J Thorac Cardiovasc Surg 60:188-95, Aug 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ DOGS/ PERITONEUM,  
anatomy & histology/ PERITONEUM,  
physiology/ \*PERITONEUM, transplantation/  
PULMONARY VALVE, pathology/  
\*PULMONARY VALVE, surgery/  
THROMBOSIS, etiology/ TRANSPLANTATION,  
AUTOLOGOUS

1726. Fagerhol MK: Quantitative studies on the inherited variants of serum alpha-1-antitrypsin. Scand J Clin Lab Invest 23:97-103, Feb 69  
ALLELES/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD PROTEINS,  
analysis/ GENETICS, HUMAN/ HUMAN/  
IMMUNOELECTROPHORESIS/ METHODS/  
PHENOTYPE/ TRYPSIN, antagonists &  
inhibitors

1727. Fagerhol MK, Abildgaard U, Bergsjø P, et al: Oral contraceptives and low antithrombin-3 concentration.



# AUTHOR SECTION

- Lancet 1:1175, 30 May 70  
 \*ANTITHROMBIN, blood/ \*CONTRACEPTIVES,  
 ORAL, pharmacodynamics/ ESTROGENS,  
 pharmacodynamics/ FEMALE/ HUMAN/  
 PREGNANCY/ PROGESTATIONAL  
 HORMONES, pharmacodynamics
1728. Fagerhol MK, Abildgaard U: Immunological studies on human antithrombin 3. Influence of age, sex and use of oral contraceptives on serum concentration. Scand J Haemat 7:10-7, 1970  
 ADOLESCENCE/ ADULT/ AGE FACTORS/  
 AGED/ ANTIBODIES/ \*ANTITHROMBIN,  
 analysis/ CONTRACEPTIVES, ORAL,  
 pharmacodynamics/ FEMALE/ GEL  
 DIFFUSION TESTS/ HUMAN/  
 IMMUNOCHEMISTRY/  
 IMMUNOELECTROPHORESIS/ ISOELECTRIC  
 FOCUSING/ MALE/ MIDDLE AGE/ PLASMA,  
 analysis/ SEX FACTORS/ THROMBIN,  
 pharmacodynamics
1729. Fagerhol MK, Abildgaard U: Kan måling av antitrombin-3 utpeke kvinner med tromboseisliko ved bruk av P-piller? T Norsk Laegeforen 90:1559-60, 15 Aug 70 (Nor)  
 ADULT/ \*ANTITHROMBIN, analysis/  
 \*CONTRACEPTIVES, ORAL, adverse effects/  
 FEMALE/ HUMAN/ THROMBOSIS, chemically  
 induced/ \*THROMBOSIS, diagnosis
1730. Fagerhol MK, Eriksson AW, Monn E: Serum PI types in some Lappish and Finnish populations. Hum Hered 19:360-4, 1969  
 ETHNIC GROUPS/ GENE FREQUENCY/  
 HUMAN/ NORWAY/ PHENOTYPE/  
 \*POLYMORPHISM (GENETICS)/ \*TRYPSIN  
 INHIBITORS, blood
1731. Fagerhol MK, Gedde-Dahl T Jr: Genetics of the PI serum types. Family studies of the inherited variants of serum alpha-1-antitrypsin. Hum Hered 19:354-9, 1969  
 BLOOD PROTEIN ELECTROPHORESIS/ GENE  
 FREQUENCY/ HUMAN/ NORWAY/  
 PHENOTYPE/ \*POLYMORPHISM (GENETICS)/  
 \*TRYPSIN INHIBITORS, blood
1732. Fagerhol MK, Hauge HE: Serum PI types in patients with pulmonary diseases. Acta Allerg (Kobenhavn) 24:107-14, May 69  
 \*ALPHA GLOBULIN, analysis/ ASTHMA,  
 immunology/ BRONCHITIS, immunology/  
 CHRONIC DISEASE/ HOMOZYGOTE/ HUMAN/  
 \*LUNG DISEASES, immunology/ PULMONARY  
 EMPHYSEMA, immunology/ TRYPSIN,  
 antagonists & inhibitors
1733. Fagerhol MK, Laurell CB: The PI system-inherited variants of serum alpha 1-antitrypsin. Progr Med Genet 7:96-111, 1970 (73 ref.)  
 ALLELES/ ANTIGEN-ANTIBODY REACTIONS/  
 ELECTROPHORESIS/ FEMALE/ HUMAN/  
 MALE/ PEPTIDE HYDROLASES/  
 PULMONARY EMPHYSEMA, familial &  
 genetic/ REVIEW/ TRYPSIN INHIBITORS,  
 biosynthesis/ \*TRYPSIN INHIBITORS, blood/  
 \*VARIATION (GENETICS)
1734. Faggioli F, Roda E, D'Annunzio E, et al: L'importanza del reflusso nel Wirsung nel determinismo della lesione pancreatico esocrina. Ricerche sperimentali ed osservazioni cliniche. G Clin Med 49:990-1013, Oct 68 (Ita)  
 ADULT/ ANIMAL EXPERIMENTS/ \*BILE/  
 \*CHYMOTRYPSIN/ DOGS/ ENGLISH  
 ABSTRACT/ FEMALE/ HUMAN/ MALE/  
 MICROSCOPY, ELECTRON/ MIDDLE AGE/  
 \*PANCREATIC DISEASES, chemically induced/  
 \*PANCREATIC DUCTS, pathology/  
 \*PANCREATIC DUCTS, physiopathology/  
 PANCREATITIS, physiopathology/ \*TRYPSIN
1735. Fainshtein FE, Turbina NS, Khoroshko ND, et al: Issledovanie in vivo biologicheskikh svoistv ladrosoderzhashchikh kletok krovi bol'nykh khronicheskim mieloleikozom. Probl Gemat 14:12-20, Jul 69 (Rus)  
 ANEMIA, therapy/ ANEMIA, PERNICIOUS,  
 therapy/ \*BLOOD PRESERVATION/ \*BLOOD
- TRANSFUSION/ ENGLISH ABSTRACT/  
 FEMALE/ FREEZING/ HUMAN/ \*LEUKEMIA,  
 MYELOCYTIC, blood/ \*LEUKOCYTES,  
 metabolism/ MALE
1736. Fajardo LF, Stewart JR: Experimental radiation-induced heart disease. I. Light microscopic studies. Amer J Path 59:299-316, May 70  
 ANIMAL EXPERIMENTS/ CAPILLARIES,  
 radiation effects/ CARDIAC TAMPONADE,  
 etiology/ DISEASE MODELS, ANIMAL/  
 ENDOMYOCARDIAL FIBROSIS, etiology/  
 FEMALE/ HEART, physiopathology/ \*HEART,  
 radiation effects/ \*HEART DISEASES,  
 etiology/ HEART FAILURE, CONGESTIVE,  
 etiology/ MALE/ MYOCARDITIS, etiology/  
 PERICARDIAL EFFUSION, etiology/  
 PLASMINOGEN/ RABBITS/ \*RADIATION  
 INJURY, EXPERIMENTAL/ RADIOTHERAPY,  
 adverse effects/ RADIOTHERAPY DOSAGE
1737. Falk GA: Chronic obstructive pulmonary disease and heterozygous alpha-1-antitrypsin deficiency. Ann Intern Med 72:595-6, Apr 70  
 \*ALPHA GLOBULIN, analysis/ CHRONIC  
 DISEASE/ \*DEFICIENCY DISEASES/  
 GENETICS, HUMAN/ HETEROZYGOTE/  
 HUMAN/ \*LUNG DISEASES/ \*TRYPSIN  
 INHIBITORS, blood
1738. Falk GA, Briscoe WA: Alpha-1-antitrypsin deficiency in chronic obstructive pulmonary disease. Ann Intern Med 72:427-9, Mar 70 (27 ref.)  
 ANIMAL EXPERIMENTS/ BRONCHI,  
 enzymology/ \*BRONCHITIS, enzymology/  
 CHRONIC DISEASE/ HUMAN/ \*METABOLISM,  
 INBORN ERRORS, complications/ PAPAIN/  
 PEPTIDE HYDROLASES/ PULMONARY  
 ALVEOLI, drug effects/ PULMONARY  
 ALVEOLI, enzymology/ PULMONARY  
 EMPHYSEMA, chemically induced/  
 \*PULMONARY EMPHYSEMA, enzymology/  
 REVIEW/ \*TRYPSIN INHIBITORS/ TRYPSIN  
 INHIBITORS, blood
1739. Falk K, Holstein P: Die optische Agnosie als diagnostisches Problem. Psychiat Clin (Basel) 2:368-79, 1969 (Ger)  
 AGED/ \*AGNOSIA, diagnosis/ AMNESIA,  
 diagnosis/ APHASIA, diagnosis/  
 ARTERIOSCLEROSIS, complications/  
 AUTOPSY/ CEREBRAL ISCHEMIA,  
 TRANSIENT, complications/ DIABETIC  
 NEUROPATHIES, complications/ DIAGNOSIS,  
 DIFFERENTIAL/ ENCEPHALOMALACIA,  
 pathology/ ENGLISH ABSTRACT/ FEMALE/  
 GANGLIA, BASAL, pathology/ HEART  
 FAILURE, CONGESTIVE, complications/  
 HEMANGIOMA, pathology/ HUMAN
1740. Fallat RJ: More on antitrypsin activity in lung disease. Ann Intern Med 72:438-9, Mar 70  
 \*BRONCHITIS, enzymology/ HETEROZYGOTE/  
 HOMOZYGOTE/ HUMAN/ \*METABOLISM,  
 INBORN ERRORS, complications/  
 \*PULMONARY EMPHYSEMA, enzymology/  
 PULMONARY EMPHYSEMA, familial &  
 genetic/ \*TRYPSIN INHIBITORS
1741. Faloon WW: Metabolic effects of nonabsorbable antibacterial agents. Amer J Clin Nutr 23:645-51, May 70  
 BILE ACIDS AND SALTS, metabolism/  
 CARBOHYDRATES, metabolism/ CARBON  
 ISOTOPES/ CAROTENE, metabolism/  
 CHOLESTEROL, blood/ HUMAN/ INTESTINAL  
 ABSORPTION, drug effects/ LIPIDS,  
 metabolism/ LIVER DISEASES, drug therapy/  
 METABOLISM, drug effects/ \*NEOMYCIN,  
 adverse effects/ PALMITIC ACID, metabolism/  
 VITAMIN K, metabolism/  
 WATER-ELECTROLYTE BALANCE
1742. Farbiszewski R, Lipiński B, Lebenstein W: Plasmintheparin activity, soluble fibrin monomer complexes and fibrinolysis in plasma of patients after surgery. Thromb Diath Haemorrh 22:408-10, 15 Nov 70  
 BLOOD CELL COUNT/ \*BLOOD  
 COAGULATION DISORDERS, etiology/ BLOOD  
 COAGULATION TESTS/ BLOOD PLATELETS



## AUTHOR SECTION

- metabolism/ DUODENAL ULCER, surgery/  
\*FIBRIN, analysis/ \*FIBRINOLYSIS/  
\*HEPARIN ANTAGONISTS, blood/ HEPARIN  
ANTAGONISTS, metabolism/ HUMAN/  
\*POSTOPERATIVE COMPLICATIONS/  
SOLUBILITY/ STOMACH ULCER, surgery/  
WOUND HEALING
1743. Farbiszewski R, Niewiarowski S, Poplawski A: Einfluss von verschiedenen Arzneimitteln auf die Thrombozytenaggregation und die Freisetzung des Blutplättchenfaktors 4 (Antiheparinfaktor) Folia Haemat (Leipzig) 92:470-6, 1969 (Ger)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ CHLOROQUINE, pharmacodynamics/ CITRATES, pharmacodynamics/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ \*HEPARIN ANTAGONISTS, metabolism/ IMIPRAMINE, pharmacodynamics/ OUABAIN, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SODIUM SALICYLATE, pharmacodynamics
1744. Farbiszewski R, Worowski K, Szmitkowski M: Zmiany hemostatycznych funkcji płytek u królików po diecie cholesterolowej. Acta Physiol Pol 20:719-25, 1969 (Pol)  
ACID-BASE EQUILIBRIUM/ ADENINE NUCLEOTIDES, metabolism/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, physiology/ BLOOD PROTEINS, analysis/ \*CHOLESTEROL/ CHOLESTEROL, blood/ DIET/ \*DIETARY FATS/ ENGLISH ABSTRACT/ FEMALE/ \*HEMOSTASIS/ HYDROGEN-ION CONCENTRATION/ LIPIDS, blood/ MALE/ METHODS/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ RABBITS
1745. Farbiszewski R, Worowski K: Biochemiczne aspekty niektórych zaburzeń funkcji hemostatycznych płytek krwi. Wlad Lek 23:37-42, 1 Jan 70 (Pol)  
BLOOD COAGULATION/ \*BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD PROTEIN DISORDERS, complications/ ENGLISH ABSTRACT/ HUMAN
1746. Farbiszewski R, Worowski K: The effect of modified beta-lipoproteins on adhesiveness and on aggregation of blood platelets. J Atheroscler Res 9:339-42, May-Jun 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CHOLESTEROL/ DIETARY FATS/ FEMALE/ LIPOPROTEINS, analysis/ LIPOPROTEINS, isolation & purification/ \*LIPOPROTEINS, pharmacodynamics/ MALE/ PLATELET ADHESIVENESS, drug effects/ RABBITS
1747. Farbiszewski R, Worowski K: Aktywność tromboplastyczna i antyheparynowa homogenatów różnych narządów u królików po diecie cholesterolowej. Acta Physiol Pol 20:649-53, Jul-Aug 69 (Pol)  
ANIMAL EXPERIMENTS/ BRAIN, analysis/ \*CHOLESTEROL/ DIET/ ENGLISH ABSTRACT/ FEMALE/ \*HEPARIN ANTAGONISTS, analysis/ KIDNEY, analysis/ MALE/ \*MYOCARDIUM, analysis/ RABBITS/ SPLEEN, analysis/ \*THROMBOPLASTIN, analysis
1748. Farrell G, Stuckey RJ, Wolf P: Cryofibrinogenaemia in women using oral contraceptives. Lancet 1:952-3, 2 May 70  
\*BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN DISORDERS, chemically induced/ \*COLD/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ \*FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ METHODS
1749. Farrell J, Laki K: Clotting of bovine fibrinogen by liver transamidase. Blood 35:804-8, Jun 70  
ALCOHOL, ETHYL/ \*AMINOTRANSFERASES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ CATTLE/ ESTERS/ \*FIBRINOGEN/ GLYCINE/ IN VITRO/ LIVER
1750. Fass RJ, Perkins RL, Saslow S: Positive direct Coombs' tests associated with cephaloridine therapy. JAMA 213:121-3, 6 Jul 70  
AGE FACTORS/ AGED/ BLOOD CELL COUNT/ BLOOD PROTEINS, analysis/ \*CEPHALORIDINE, administration & dosage/ CEPHALORIDINE, adverse effects/ CEPHALORIDINE, blood/ CEPHALORIDINE, pharmacodynamics/ \*COOMBS' TEST/ ERYTHROCYTES, drug effects/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMOLYSIS, drug effects/ HUMAN/ KIDNEY FUNCTION TESTS/ LEUKOPENIA, chemically induced/ MIDDLE AGE/ SERUM ALBUMIN, analysis/ THROMBOPENIA, chemically induced
1751. Fessenden-Raden JM, Lange AJ, Dannenberg MA, et al: Partial resolution of the enzymes catalyzing oxidative phosphorylation. XIX. Purification and characterization of a new coupling factor (F5). J Biol Chem 244:6656-61, 25 Dec 69  
ADENOSINE TRIPHOSPHATE/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CALCIUM PHOSPHATES/ CATTLE/ DEXTRAN/ DRUG STABILITY/ GEL FILTRATION/ HEXOSEPHOSPHATES, biosynthesis/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ METHODS/ MITOCHONDRIA, MUSCLE, drug effects/ MITOCHONDRIA, MUSCLE, enzymology/ \*MITOCHONDRIA, MUSCLE, metabolism/ \*MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ MYOCARDIUM, metabolism/ NAD, biosynthesis/ \*OXIDATIVE PHOSPHORYLATION/ OXYGEN CONSUMPTION/ PHOSPHORUS ISOTOPES/ PRECIPITATION/ PROTAMINES/ \*PROTEINS, isolation & purification/ RNA/ SOLUBILITY/ SUCCINATES/ SULFURIC ACIDS/ TEMPERATURE/ ULTRACENTRIFUGATION/ UREA, pharmacodynamics/ VIBRATION
1752. Fasske E, Themann H: Stromamastocytose in virogenen transplantierbaren Speicheldrüsenkarzinomen der Ratte. Z Krebsforsch 73:75-86, 25 Sep 69 (Ger)  
\*ADENOCARCINOMA, pathology/ ANIMAL EXPERIMENTS/ BEES/ CELL DIFFERENTIATION/ CHYMOTRYPSIN, pharmacodynamics/ CYTOPLASMIC GRANULES/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, analysis/ HISTAMINE, analysis/ HISTOCYTOCHEMISTRY/ MALE/ \*MAST CELLS/ MAST CELLS, drug effects/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, analysis/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, pathology/ POLYOMA VIRUS/ RATS/ \*SALIVARY GLAND NEOPLASMS, pathology/ SEROTONIN, analysis/ \*SUBMANDIBULAR GLAND/ VENOMS, pharmacodynamics
1753. Fasske E, Themann H: Elektronenmikroskopische experimentelle Untersuchungen zur Entladung der Gewebsmatzellen. Virchow Arch [Zellpath] 4:126-36, 1969 (Ger)  
ADENOCARCINOMA/ ANIMAL EXPERIMENTS/ BEES/ CHYMOTRYPSIN, pharmacodynamics/ \*CYTOPLASMIC GRANULES, secretion/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ \*HEPARIN, secretion/ \*HISTAMINE, secretion/ \*MAST CELLS, cytology/ MAST CELLS, drug effects/ MICROSCOPY, ELECTRON/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ POLYOMA VIRUS/ RATS/ SALIVARY GLAND NEOPLASMS/ VENOMS, pharmacodynamics
1754. Fathie K: Hemangiopericytoma of the thoracic spine; case report. J Neurosurg 32:371-4, Mar 70



# AUTHOR SECTION

- ADULT/ \*HEMANGIOEPERICYTOMA, diagnosis/  
HEMANGIOEPERICYTOMA, pathology/  
HEMANGIOEPERICYTOMA, surgery/ HUMAN/  
MALE/ \*SPINAL NEOPLASMS, diagnosis/  
SPINAL NEOPLASMS, pathology/ SPINAL  
NEOPLASMS, surgery
1755. Faust PJ, Vandemark PJ: Phosphorylation coupled to  
NADH oxidation with fumarate in *Streptococcus*  
*faecalis* 10Cl. Arch Biochem 137:392-8, Apr 70  
ADENOSINE TRIPHOSPHATE, biosynthesis/  
ANTIMYCIN A, pharmacodynamics/ ARSENIC,  
pharmacodynamics/ CELL-FREE SYSTEM/  
DIMERCAPROL, pharmacodynamics/  
ELECTRON TRANSPORT/ FUMARATES/  
\*FUMARATES, metabolism/ MALONATES,  
pharmacodynamics/ MERCAPTOETHANOL,  
pharmacodynamics/ \*NAD, metabolism/  
NITRILES, pharmacodynamics/ OXIDATIVE  
PHOSPHORYLATION/ OXIDOREDUCTASES/  
PHENANTHROLINES, pharmacodynamics/  
PHENYLHYDRAZINE, pharmacodynamics/  
PHOSPHORUS ISOTOPES/ QUINACRINE,  
pharmacodynamics/ ROTENONE,  
pharmacodynamics/ STREPTOCOCCUS, drug  
effects/ \*STREPTOCOCCUS FAECALIS,  
metabolism/ SULFONIC ACIDS,  
pharmacodynamics/ ULTRACENTRIFUGATION/  
UNCOUPLING AGENTS, pharmacodynamics/  
VITAMIN K, pharmacodynamics
1756. Fawcett J, Hollingworth T, ABRAMS LD: Fibrin  
membrane formation in the left ventricular outflow  
tract following prosthetic replacement of the aortic  
valve. J Path 97:391-3, Feb 69  
ADULT/ \*AORTIC VALVE STENOSIS,  
surgery/ AUTOPSY/ FEMALE/ \*FIBRIN/  
\*HEART VALVE PROSTHESIS, adverse  
effects/ HUMAN/ MEMBRANES, pathology/  
MIDDLE AGE/ \*THROMBOSIS, etiology
1757. Fearnley GR: Pharmacological fibrinolysis.  
Bristol Medicochir J 84:131-43, Oct 69  
AGED/ ANDROSTERONE/  
ANTICHOLESTEREMIC AGENTS, therapeutic  
use/ BUTYRATES/ CHLORPROPAMIDE,  
therapeutic use/ \*CORONARY DISEASE, drug  
therapy/ CORONARY DISEASE,  
physiopathology/ ETHYLESTRENOL,  
therapeutic use/ FEMALE/ FIBRINOGEN,  
blood/ \*FIBRINOLYSIS, drug effects/  
HUMAN/ INTERMITTENT CLAUDICATION,  
physiopathology/ MALE/ METFORMIN,  
therapeutic use/ MIDDLE AGE/  
PHENFORMIN, therapeutic use/ PLATELET  
ADHESIVENESS/ TOLBUTAMIDE, therapeutic  
use
1758. Fearnley GR: Pharmacological fibrinolysis in occlusive  
vascular disease and its relation to diabetes mellitus.  
Postgrad Med J 45:52-62, May 69  
ANTIDIABETICS, pharmacodynamics/  
BIGUANIDES, pharmacodynamics/ CORONARY  
DISEASE, complications/ \*CORONARY  
DISEASE, physiopathology/ DIABETES  
MELLITUS, complications/ \*DIABETES  
MELLITUS, physiopathology/ DRUG  
SYNERGISM/ ETHYLESTRENOL,  
pharmacodynamics/ FEMALE/ \*FIBRINOLYSIS/  
FIBRINOLYSIS, drug effects/ HUMAN/  
INSULIN, pharmacodynamics/ MALE/ MIDDLE  
AGE/ NANDROLONE, pharmacodynamics/  
PHENFORMIN, pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/  
TESTOSTERONE, pharmacodynamics
1759. Fearnley GR, Chakrabarti R: Phenformin and  
ethyloestrenol for Raynaud's disease.  
Lancet 2:906-7, 25 Oct 69  
ADULT/ ETHYLESTRENOL,  
pharmacodynamics/ \*ETHYLESTRENOL,  
therapeutic use/ FEMALE/ FIBRINOGEN,  
blood/ FIBRINOLYSIS, drug effects/ HUMAN/  
MIDDLE AGE/ PHENFORMIN,  
pharmacodynamics/ \*PHENFORMIN,  
therapeutic use/ PLATELET ADHESIVENESS/  
\*RAYNAUD'S DISEASE, drug therapy
1760. Fedenko NN: Svertyvalushchaya sistema krovi pri  
bezheltushnykh i malozheltushnykh formakh  
infektsionnogo gepatita.  
Sovet Med 32:107-11, Jan 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
\*HEPATITIS, INFECTIOUS, complications/  
HUMAN/ \*JAUNDICE, diagnosis/ MIDDLE  
AGE
1761. Fedenko NN: Geparinovaya aktivnost' krovi pri  
bezheltushnykh i stertykh formakh infektsionnogo  
gepatita. Klin Med (Moskva) 47:74-6, Nov 69 (Rus)  
ADOLESCENCE/ ADULT/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
\*HEPARIN, blood/ \*HEPATITIS, INFECTIOUS,  
blood/ HEPATITIS, INFECTIOUS, diagnosis/  
HUMAN/ JAUNDICE, diagnosis/ MIDDLE AGE
1762. Fedenko NN: Trombotest pri bezheltushnykh i  
malozheltushnykh formakh infektsionnogo gepatita.  
Vrach Delo 1:124-8, Jan 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION TESTS/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
HEPATITIS, INFECTIOUS, blood/  
\*HEPATITIS, INFECTIOUS, diagnosis/  
HUMAN/ JAUNDICE, etiology/ MIDDLE AGE
1763. Feder J, Schuck JM: Studies on the *Bacillus subtilis*  
neutral-protease and *Bacillus thermoproteolyticus*  
thermolysin-catalyzed hydrolysis of dipeptide  
substrates. Biochemistry (Wash) 9:2784-91, 7 Jul 70  
ACRYLATES/ \*BACILLUS, enzymology/  
BACILLUS SUBTILIS, enzymology/  
DEUTERIUM/ DIPEPTIDES/ FURANS/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ LEUCINE/ \*PEPTIDE  
HYDROLASES, metabolism/  
PHENYLALANINE/ SPECTROPHOTOMETRY
1764. Federman JL, Gerritsen GC: The retinal vasculature of  
the Chinese hamster: a preliminary study.  
Diabetologia 6:186-91, Jun 70  
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/  
CONTRAST MEDIA/ \*DIABETIC  
RETINOPATHY, pathology/ DISEASE  
MODELS, ANIMAL/ FEMALE/  
FLUORESCINS/ FUNDUS OCULI/  
HAMSTERS/ HISTOLOGICAL TECHNIQS/  
INDICATORS AND REAGENTS/ MALE/  
PHOTOGRAPHY/ \*RETINAL VESSELS,  
pathology/ TRYPSIN
1765. Fedorova LI, Ivanova AN, Semenova NV: Opyt  
perelivaniya eritrotsitov, dilitel'no khranivshikhslia  
zamorozhennom sostolani.  
Probl Gemat 13:56-7, Dec 68 (Rus)  
ANEMIA, therapy/ \*BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ CHRONIC DISEASE  
\*ERYTHROCYTES/ \*FREEZING/ HUMAN
1766. Fedorova ZD: Bystraya diagnostika narushenii  
svertyvalushchei sistemy krovi.  
Lab Delo 8:468-71, 1969 (Rus)  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ \*BLOOD COAGULATION TESTS/  
CLOT RETRACTION/ \*FIBRINOGEN, analysis/  
HUMAN/ METHODS/ \*PRECIPITIN TESTS/  
TIME
1767. Feigelson J, Pecau Y, Sauvegrain J: Liver function  
studies and biliary tract investigations in  
mucoviscidosis. r58 C/\*539-44\* A/Feigelson J, Pec  
Y, Sauvegrain J: Liver function studies and biliary  
tract investigations in mucoviscidosis.  
Acta Paediat Scand 59:539-44, Sep 70  
ADOLESCENCE/ ALANINE  
AMINOTRANSFERASE, blood/ ALKALINE  
PHOSPHATASE, blood/ ASPARTATE  
AMINOTRANSFERASE, blood/ \*BILIARY  
TRACT, radiography/ BILIARY TRACT  
DISEASES, complications/ BILIARY TRACT  
DISEASES, radiography/ CHILD/ CHILD,  
PRESCHOOL/ CHOLANGIOGRAPHY/  
CHOLECYSTOGRAPHY/ CYSTIC FIBROSIS,  
complications/ \*CYSTIC FIBROSIS,  
physiopathology/ FEMALE/ HUMAN/ INFAN  
LIVER CIRRHOSIS, diagnosis/ LIVER  
DISEASES, complications/ \*LIVER DISEASE



## AUTHOR SECTION

- diagnosis/ LIVER FUNCTION TESTS/ MALE/  
PROTHROMBIN, analysis/  
SULFOBROMOPHTHALEIN, diagnostic use
1768. Feigen GA, Prager DJ: Experimental cardiac anaphylaxis. Physiologic, pharmacologic and biochemical aspects of immune reactions in the isolated heart.  
Amer J Cardiol 24:474-91, Oct 69 (104 ref.)  
ACETYLCHOLINE, pharmacodynamics/  
\*ANAPHYLAXIS, immunology/  
ANAPHYLAXIS, physiopathology/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BRADYKININ, pharmacodynamics/ BRADYKININ, physiology/ CATS/ CORONARY VESSELS, physiopathology/ GAMMA GLOBULIN, analysis/ GUINEA PIGS/ HEART, drug effects/ HEART, physiopathology/ HEART ATRIUM, drug effects/ HEART ATRIUM, physiopathology/ HEART VENTRICLE, physiopathology/ HISTAMINE, pharmacodynamics/ HISTAMINE, physiology/ HISTAMINE LIBERATION/ MUSCLE CONTRACTION/ \*MYOCARDIUM, immunology/ PERFUSION/ RABBITS/ REVIEW/ SEROTONIN, physiology/ STREPTOLYSIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics
1769. Feigin GA, Tikhomirova NN, Volodkevich SM, et al: Mestnoe primeneniye nekotorykh fermentov pri lechenii khronicheskikh gnoynikh srednikh otitov s kholesteatmoi.  
Vestn Otorinolaring 32:26-30, May 70 (Rus)  
\*CHOLESTEATOMA, complications/  
\*CHOLESTEATOMA, drug therapy/ CHRONIC DISEASE/ EAR NEOPLASMS, complications/  
\*ENZYMES, therapeutic use/ HUMAN/ IN VITRO/ LIPASE, therapeutic use/ \*OTITIS MEDIA, complications/ \*OTITIS MEDIA, drug therapy/ PANCREATIN, therapeutic use/ PEPSIN, therapeutic use/ SUPPURATION/ TRYPSIN, therapeutic use
1770. Fein RL, Matsumoto T, Soloway HB: Renal injury: suture versus n-butyl cyanoacrylate tissue adhesive spray repair. Invest Urol 8:12-20, Jul 70  
\*ACRYLATES/ AEROSOLS/ ANIMAL EXPERIMENTS/ CICATRIX/ COMPARATIVE STUDY/ DOGS/ FEMALE/ HEMORRHAGE, etiology/ HEMOSTASIS/ \*KIDNEY, injuries/ KIDNEY, pathology/ KIDNEY, surgery/ KIDNEY CALCULI, etiology/ KIDNEY PELVIS/ ORGAN WEIGHT/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNIQS/ \*SUTURES/ \*TISSUE ADHESIVES
1771. Feinman L, Cohen S, Becker EL: The effect of fumaropimaric acid on delayed hypersensitivity and cutaneous Forssman reactions in the guinea pig.  
J Immun 104:1401-5, Jun 70  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ ANTIGENS/ \*BENZOATES/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ COMPLEMENT/ \*FUMARATES, administration & dosage/ GUINEA PIGS/ HEMOLYSINS, administration & dosage/ HEPARIN, pharmacodynamics/ \*HYPERSENSITIVITY, DELAYED, immunology/ INJECTIONS, INTRADERMAL/ INJECTIONS, INTRAPERITONEAL/ MALE/ SKIN TESTS/ \*TERPENES, administration & dosage
1772. Feinstein DI, Rapaport SI, McGehee WG, et al: Factor V anticoagulants: clinical, biochemical, and immunological observations.  
J Clin Invest 49:1578-88, Aug 70  
ADULT/ ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/ ANTIBODY SPECIFICITY/ \*ANTICOAGULANTS/ ANTICOAGULANTS, analysis/ ANTICOAGULANTS, biosynthesis/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION, adverse effects/ ELECTROPHORESIS/ ENZYME ACTIVATION/ FACTOR V/ \*FACTOR V/ GAMMA GLOBULIN, analysis/ GASTROENTEROSTOMY/ HUMAN/ IMMUNE SERUMS/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ PROTHROMBIN/ RABBITS/ STARCH
1773. Feinstein G, Bodlaender P, Shaw E: The modification of essential carboxylic acid side chains of trypsin. Biochemistry (Wash) 8:4949-55, Dec 69  
AMIDINES/ AMINES/ ASPARTIC ACID/ BENZOATES/ BINDING SITES/ BORIC ACIDS/ CARBON ISOTOPES/ CHEMISTRY/ ENZYME ACTIVATION/ ETHYLAMINES/ FLUORINE/ GLUTAMATES/ HYDROGEN-ION CONCENTRATION/ HYDROXAMIC ACID/ HYDROXYLAMINES/ ISOFLUOROPHATE/ KETONES/ \*OXAZOLES/ SERINE/ SULFONIC ACIDS/ \*TRYPSIN/ TRYPSIN INHIBITORS
1774. Fékété F, Guillet R: Les traumatismes du fole. J Chir (Paris) 98:55-74, Jul-Aug 69 (Fre)  
ABDOMINAL INJURIES, diagnosis/ ABDOMINAL INJURIES, etiology/ ABDOMINAL INJURIES, surgery/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CELIAC ARTERY, radiography/ CHOLANGIOGRAPHY/ DRAINAGE/ FEMALE/ HEMATOMA, etiology/ HEMOPERITONEUM, diagnosis/ HEMOSTASIS/ HUMAN/ \*LIVER, injuries/ LIVER, pathology/ LIVER, physiopathology/ \*LIVER, surgery/ MALE/ PERITONEAL DIALYSIS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ RUPTURE, etiology/ SHOCK, HEMORRHAGIC/ SUTURES/ WOUNDS AND INJURIES, surgery/ WOUNDS, GUNSHOT
1775. Feilberg NT, Putterman GJ, Schultz J: Myeloperoxidase X: comparison of normal human leucocyte myeloperoxidase prepared with and without the use of trypsin.  
Biochem Biophys Res Commun 37:213-8, 8 Oct 69  
AMINO ACIDS, analysis/ ELECTROPHORESIS, DISK/ HUMAN/ \*LEUKOCYTES, enzymology/ OXIDATION-REDUCTION/ \*PEROXIDASES, isolation & purification/ SPECTROPHOTOMETRY/ \*TRYPSIN
1776. Felletti V, Lazzaroni M, Russo C, et al: Aspetti clinici della patologia vestibolare sopratentoriale. Contributo casistico di 54 osservazioni.  
Ann Laring 67:671-705, 1968 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ ASTROCYTOMA, physiopathology/ AUDIOMETRY/ BRAIN DAMAGE, CHRONIC, physiopathology/ \*BRAIN NEOPLASMS, physiopathology/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ISCHEMIA, TRANSIENT/ CHILD/ ENGLISH ABSTRACT/ EPENDYMOMA, physiopathology/ EPILEPSY/ GLIOBLASTOMA MULTIFORME, physiopathology/ \*HEMATOMA, physiopathology/ \*HEMATOMA, SUBDURAL, physiopathology/ HUMAN/ MENINGIOMA, physiopathology/ MIDDLE AGE/ NEOPLASM METASTASIS/ NYSTAGMUS/ OLIGODENDROGLIOMA, physiopathology/ PNEUMOENCEPHALOGRAPHY/ \*VESTIBULAR APPARATUS, pathology/ VESTIBULAR FUNCTION TESTS
1777. Felten A von, Straub PW: Coagulation studies of cord blood, with special reference to "fetal fibrinogen". Thromb Diath Haemorrh 22:273-80, 15 Nov 69  
ADSORPTION/ BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ FETUS/ FIBRIN, metabolism/ \*FIBRINOGEN, metabolism/ HEPARIN/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ MOLECULAR WEIGHT/ PREGNANCY/ PROTAMINES, pharmacodynamics/ \*UMBILICAL CORD
1778. Feniuk EV: Izmeneniye pokazateley sistemy svertyvaniya krovi pri khronicheskoi koronarnoi nedostatochnosti v zavisimosti ot vozrasta bol'nykh, stepeni i davnosti zabolevaniya. Kardiologiya 8:70-3, Dec 68 (Rus)  
ADULT/ AGE FACTORS/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CALCIUM, blood/ CHRONIC DISEASE/ \*CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, blood/ FIBRINOLYSIS/



# AUTHOR SECTION

- HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ TIME FACTORS
1779. Fenje P, Postic B: Protection of rabbits against experimental rabies of poly I-poly C. Nature (London) 228:171-2, 11 Apr 70  
ANIMAL EXPERIMENTS/ \*CYTOSINE NUCLEOTIDES, therapeutic use/ \*INTERFERON, biosynthesis/ INTERFERON, blood/ \*POLYNUCLEOTIDES, therapeutic use/ RABBITS/ \*RABIES, drug therapy/ RIBONUCLEASE/ TRYPSIN/ VESICULAR STOMATITIS VIRUS
1780. Fergus JN, Jones NF, Thomas ML: Kidney function after renal arterial embolism. Brit Med J 4:587-90, 6 Dec 69  
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ANURIA, etiology/ AURICULAR FLUTTER, complications/ AURICULAR FLUTTER, drug therapy/ \*EMBOLISM, physiopathology/ FEMALE/ HUMAN/ IODOHIPURIC ACID/ \*KIDNEY, physiopathology/ KIDNEY FAILURE, ACUTE, etiology/ MALE/ MIDDLE AGE/ PAIN, etiology/ RENAL ARTERY, radiography/ \*RENAL ARTERY OBSTRUCTION, physiopathology/ UROGRAPHY
1781. Ferguson IA, Morris KN, Stuchbery KE, et al: Results of surgical treatment of occlusive arterial disease affecting the lower limbs, 1953-1967. Med J Aust 1:745-54, 11 Apr 70  
ADULT/ AGE FACTORS/ AGED/ ANGIOGRAPHY/ BISHYDROXYCOUMARIN, therapeutic use/ BLOOD VESSEL PROSTHESIS/ DIABETES MELLITUS, complications/ FEMALE/ FEMORAL ARTERY, surgery/ FLUOROCARBON POLYMERS/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ ILIAC ARTERY, surgery/ INTERMITTENT CLAUDICATION, etiology/ INTERMITTENT CLAUDICATION, surgery/ ISCHEMIA/ \*LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ SEX FACTORS/ THROMBOSIS, complications/ THROMBOSIS, mortality/ THROMBOSIS, surgery/ \*THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ \*VASCULAR DISEASES, surgery/ VEINS, transplantation/ WARFARIN, therapeutic use
1782. Fernandez-Herlihy L: Gold therapy of rheumatoid arthritis. Labey Clin Found Bull 19:124-8, Sep 70  
\*ARTHRITIS, RHEUMATOID, therapy/ BLOOD PLATELET DISORDERS, chemically induced/ FOLLOW-UP STUDIES/ \*GOLD, therapeutic use/ HUMAN/ KIDNEY DISEASES, chemically induced/ MALE/ MIDDLE AGE
1783. Fernholz HJ, Müller G: Neue Wege zum Nachweis frischer Thrombosen. Deutsch Med Wschr 95:1697-700, 14 Aug 70 (Ger)  
FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ \*RADIOISOTOPE SCANNING/ THROMBOPHLEBITIS, diagnosis/ \*THROMBOSIS, diagnosis
1784. Fericola AR: Primary paravascular hemangioma. J Med Soc New Jersey 67:523-6, Sep 70  
ADULT/ BLADDER/ FEMALE/ GYNECOLOGIC NEOPLASMS, diagnosis/ GYNECOLOGIC NEOPLASMS, pathology/ GYNECOLOGIC NEOPLASMS, radiography/ \*GYNECOLOGIC NEOPLASMS, surgery/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, radiography/ \*HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ POSTOPERATIVE CARE/ PREGNANCY/ UROGRAPHY
1785. Ferramosca B, Abate G, Fortini W: Anomalia mesenchimale e disordini ematologici in sindrome di Turner. Arch Maragliano Pat Clin 26:29-46, Jan-Feb 70 (Ita)
- ADULT/ BLOOD COAGULATION DISORDERS/ CHROMOSOME ABNORMALITIES/ \*CONNECTIVE TISSUE, abnormalities/ EAR, EXTERNAL, DEFORMITY/ FEMALE/ \*HEMANGIOMA/ \*HEMATOLOGIC DISEASES/ HUMAN/ SEX CHROMATIN/ \*SKIN, abnormalities/ \*SKULL, abnormalities/ TOOTH ABNORMALITIES/ \*TURNER'S SYNDROME
1786. Ferri F: Il trombodensitogramma basale nella cirrosi epatica. Minerva Med 60:4971-8, 12 Dec 69 (Ita)  
ADULT/ AGED/ \*BLOOD COAGULATION TESTS/ DENSITOMETRY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*LIVER CIRRHOSIS, blood/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME
1787. Ferri F, Regazzini A: Modificazioni trombodensitografiche in corso di trattamento con un derivato cumarinico. Minerva Med 61:309-18, 27 Jan 70 (Ita)  
ADULT/ AGED/ \*ARTERIOSCLEROSIS, drug therapy/ \*BISHYDROXYCOUMARIN, therapeutic use/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*CEREBROVASCULAR DISORDERS, drug therapy/ \*CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ RETINAL VESSELS/ \*THROMBOSIS, drug therapy
1788. Feuadent R, Richez J, Bolens M, et al: Une méthode nouvelle simplifiée pour la mesure de la viscosité sanguine. Schweiz Med Wschr 100:296-8, 14 Feb 70 (Fre)  
\*BLOOD VISCOSITY/ FIBRINOGEN, analysis/ HEMATOCRIT/ METHODS
1789. Février JC: A propos d'un cas de synovialome ou hémangioendothéliome malin du poignet. Ann Chir Plast 15:156-8, 1970 (Fre)  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/ \*HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN/ \*SYNOVIOMA, diagnosis/ \*WRIST/ WRIST, surgery
1790. Fey F, Kuntze A: Zytochemische Untersuchungen an Blutzellen in der vergleichenden Hämatologie. Folia Haemat (Leipzig) 93:241-8, 1970 (Ger)  
ACID PHOSPHATASE, blood/ AMPHIBIA/ ANIMAL PHOSPHATASE, blood/ AMPHIBIA/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, enzymology/ CARNIVORA/ DOGS/ \*ENZYMES, blood/ EOSINOPHILS, enzymology/ ERYTHROCYTES, enzymology/ ESTERASES, blood/ FISHES/ FROGS/ GOATS/ GUINEA PIGS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ LEUKOCYTES, enzymology/ LYMPHOCYTES, enzymology/ MICE/ NAPHTHALENEACETIC ACIDS/ NAPHTHALENES/ PERISSODACTYLA/ PEROXIDASES, blood/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY
1791. Fiala ES, Fiala S: Inactivation of thymidylate kinase by a microsomal factor. Biochim Biophys Acta 204:359-63, 15 Apr 70 (Cz)  
ACETONE/ \*AMINOHYDROLASES/ ANEUPLOIDY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ \*CARCINOMA, EHRICH TUMOR, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOSINE NUCLEOTIDES/ DIALYSIS/ DRUG STABILITY/ FILTRATION/ HEAT/ LIVER, cytology/ MERCAPTOETHANOL/ \*MICROSOMES, LIVER, analysis/ MICROSOES, LIVER, enzymology/ NUCLEOTIDES/ PEPTIDE HYDROLASES, analysis/ PHOSPHATASES, analysis/ \*PHOSPHOTRANSFERASES/ RATS/ THYMIDINE/ ULTRACENTRIFUGATION
1792. Fiala J, Urbancová J, Sebestík V: Konzervace krve použitím vitamínu E. Vnitřní Lek 16:359-66, Apr 70 (Cz)  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD PRESERVATION/ DOGS/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING, drug effects/ ERYTHROCYTES, drug



# AUTHOR SECTION

- effects/ HUMAN/ OSMOTIC FRAGILITY, drug effects/ \*VITAMIN E, pharmacodynamics
1793. Fiala J, Viktora L: Mechanická lomivost konzervovaných červených krvinek. Vnitřní Lek 16:851-6, Sep 70 (Cze)  
BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING/ \*ERYTHROCYTES/ HUMAN/ \*OSMOTIC FRAGILITY
1794. Fialko VA, Belokrinskii VI: Ekstrennaya pomoshch' pri ostroi koronarnoi i serdechnoi nedostatochnosti s primeneniem novykh lekarstvennykh sredstv. Sovet Med 32:12-5, Apr 69 (Rus)  
\*ANTIHYPERTENSIVE AGENTS, therapeutic use/ \*CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, therapeutic use/ \*FIRST AID/ \*HEART FAILURE, CONGESTIVE, drug therapy/ \*HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, drug therapy/ MYOCARDIAL INFARCT, prevention & control
1795. Fiedler F, Müller B, Werle E: The inhibition of porcine pancreas kallikrein by di-isopropyl-fluorophosphate. Kinetics, stoichiometry, and nature of the group phosphorylated. Europ J Biochem 10:419-25, Oct 69  
BUFFERS/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLASES/ \*ISOFLUOPHATE/ \*KALLIKREIN, antagonists & inhibitors/ KINETICS/ METHODS/ \*PANCREAS, enzymology/ PHOSPHORUS/ PHOSPHORUS ISOTOPES/ SERINE/ SPECTROPHOTOMETRY/ SWINE/ THIOGLYCOLATES/ TROMETHAMINE/ TRYPSIN
1796. Fiehring C, Schramm G, Würbach G, et al: Ungewöhnliche Befunde bei zwei Patienten mit Morbus Hunter. Deutsch Gesundh 25:78-82, 16 Jan 70 (Ger)  
CHILD, PRESCHOOL/ CHONDROITIN, urine/ ENGLISH ABSTRACT/ HEPARIN, urine/ HUMAN/ KERATIN, urine/ LIPOCHONDRODYSTROPHY, diagnosis/ LIPOCHONDRODYSTROPHY, familial & genetic/ \*LIPOCHONDRODYSTROPHY, urine/ MALE/ \*MUCOPOLYSACCHARIDES, urine/ RETINITIS PIGMENTOSA, diagnosis/ RETINITIS PIGMENTOSA, familial & genetic/ RETINITIS PIGMENTOSA, urine
1797. Field PL, Hueston JT: Articular cartilage loss in long-standing flexion deformity of the proximal interphalangeal joints. Aust New Zeal J Surg 40:70-4, Aug 70  
ADHESIONS/ \*CARTILAGE, ARTICULAR, pathology/ \*DUPUYTREN'S CONTRACTURE, pathology/ DUPUYTREN'S CONTRACTURE, surgery/ FEMALE/ \*FINGER JOINT/ FINGERS, surgery/ HUMAN/ TENDONS/ TIME FACTORS
1798. Fielding CJ: Human lipoprotein lipase. II. Inhibition of enzyme activity by plasma low density lipoproteins. Biochim Biophys Acta 206:118-24, 22 Apr 70  
BLOOD/ DRUG STABILITY/ ELECTROPHORESIS/ ENZYME ACTIVATION/ HUMAN/ KINETICS/ \*LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, blood/ \*LIPOPROTEINS, blood/ MALE/ TRIGLYCERIDES/ ULTRACENTRIFUGATION
1799. Fielding CJ: Human lipoprotein lipase. I. Purification and substrate specificity. Biochim Biophys Acta 206:109-17, 22 Apr 70  
BILE ACIDS AND SALTS/ CARBON ISOTOPES/ EMULSIONS/ FATTY ACIDS, NONESTERIFIED/ GLYCERIDES/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPASE/ \*LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, isolation & purification/ MALE/ METHODS/ TEMPERATURE/ TRIGLYCERIDES
1800. Fieseler ML, Birndorf NI: A semiautomated method for quantitative fibrinogen determinations. Rep No 834. US Army Med Res Lab 1-5, 30 Sep 69  
\*AUTOMATION/ \*BLOOD CHEMICAL ANALYSIS, instrumentation/ BLOOD COAGULATION TESTS, instrumentation/ \*FIBRINOGEN, analysis/ HEMOGLOBIN/ HUMAN/ METHODS
1801. Filatov AN, Bogomolova LG, Gavrillov OK: Novyi etap razvitiia donorstva v Sovetskom Soluze. Sovet Zdravookhr 27:47-50, 1968 (Rus)  
BLOOD BANKS/ \*BLOOD DONORS, history/ BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ USSR
1802. Filatov AN, Kartashevskii NG, Danilov IP, et al: Eksperimental'no-klinicheskaya otsenka bestsitratnoi krovi, zagotovlennoi s primeneniem noboso sorbenta. Vestn Khir Grekov 103:3-8, Sep 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ \*CELLULOSE/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEMORRHAGE, therapy/ HUMAN/ METHODS/ PHOSPHATASES
1803. Filinkov AF: Soderzhanie i obrazovanie kompleksov fibrinogena I-131 v krovenosnom rusle posle vnutrivennogo vvedeniia trombina. Vop Med Khim 16:59-62, Jan-Feb 70 (Rus)  
ANIMAL EXPERIMENTS/ ANTITHROMBIN/ BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ \*FIBRINOGEN, metabolism/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ \*IODINE, blood/ IODINE ISOTOPES/ RATS/ \*THROMBIN, pharmacodynamics/ TIME FACTORS
1804. Filipp G, Mess B: Role of the thyroid hormone system in suppression of anaphylaxis due to electrolytic lesion of the tuberal region of the hypothalamus. Ann Allerg 27:500-5, Oct 69  
ANAPHYLAXIS, immunology/ ANAPHYLAXIS, physiopathology/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ARTHUS PHENOMENON, physiopathology/ ELECTROLYSIS/ GUINEA PIGS/ HISTAMINE LIBERATION/ \*HYPOTHALAMUS, physiology/ SHWARTZMAN PHENOMENON, physiopathology/ STEREOTAXIC TECHNIQS/ \*THYROID GLAND, physiopathology/ \*THYROXINE, physiology
1805. Filkuka J, Lederer B, Sandritter W: Loss of basic nuclear protein during fermentative isolation of epidermal cells. Acta Histochem (Jena) 29:293-6, 1968  
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ HYALURONIDASE, pharmacodynamics/ METHODS/ MICE/ \*NUCLEOPROTEINS/ PANCREATOPEPTIDASE, pharmacodynamics/ \*SKIN, cytology/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics
1806. Fillastre JP, Verger D, Druet P, et al: Les nécroses papillaires mortelles. Ann Med Intern (Paris) 120:229-42, Apr 69 (Fre)  
ADULT/ AGED/ ARTERIOSCLEROSIS, complications/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, complications/ INFECTION/ \*KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, CHRONIC, complications/ \*KIDNEY PAPILLARY NECROSIS/ KIDNEY PAPILLARY NECROSIS, etiology/ MALE/ MIDDLE AGE/ PHENACETIN, toxicity/ SHWARTZMAN PHENOMENON/ URINARY TRACT INFECTIONS, complications
1807. Fillion GM, Siorach SA, Uvnäs B: The release of histamine, heparin and granule protein from rat mast cells treated with compound 48-80 in vitro. Acta Physiol Scand 78:547-60, Apr 70  
CHROMATOGRAPHY, ION EXCHANGE/



## AUTHOR SECTION

- \*COMPOUND 48-80, pharmacodynamics/  
\*HEPARIN, metabolism/ \*HISTAMINE  
LIBERATION/ IN VITRO/ MALE/ MAST  
CELLS, drug effects/ \*MAST CELLS,  
metabolism/ \*PROTEINS, metabolism/ RATS/  
SULFUR ISOTOPES
1808. Fink G, Patat F: Die Ausrichtung des Substrats als  
geschwindigkeitsbestimmender Schritt bei der  
enzymatischen Spaltung von Ester und Amid durch  
Chymotrypsin A.  
Hoppe Seyler Z Physiol Chem 350:1501-12, Dec 69  
(Ger)
- ACRIDINES/ AMIDES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ ENGLISH ABSTRACT/  
ESTERS/ FLUOROACETATES/ KINETICS/  
NUCLEAR MAGNETIC RESONANCE/  
PHENYLALANINE/ TEMPERATURE/  
\*TYROSINE
1809. Finkelstein AE, Strawich ES, Sonnino S:  
Characterization and partial purification of a lipase  
from *Pseudomonas aeruginosa*.  
Biochim Biophys Acta 206:380-91, 10 Jun 70
- BILE ACIDS AND SALTS/  
ELECTROPHORESIS, DISK/ GEL  
FILTRATION/ GLYCERIDES/ HEAT/  
HEPARIN/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ LIPASE,  
antagonists & inhibitors/ \*LIPASE, isolation &  
purification/ LIPOPROTEINS, blood/  
PHYSOSTIGMINE/ PROTAMINES/ PROTEIN  
DENATURATION/ \*PSEUDOMONAS  
AERUGINOSA, enzymology/ SODIUM  
CHLORIDE/ SULFHYDRYL COMPOUNDS,  
antagonists & inhibitors
1810. Fin'ko LN: Izmeneniia v sisteme svertyvaniia krovi pri  
otraslenii uksusnoi kislotoi.  
Klin Med (Moskva) 47:84-7, Jul 69 (Rus)
- \*ACETIC ACIDS, poisoning/ ADOLESCENCE/  
ADULT/ AGED/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
FACTORS, analysis/ BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE
1811. Finocchio EJ, Coffman JR, Osbaldiston GW: Platelet  
counts in horses. Cornell Vet 60:518-27, Jul 70
- AGE FACTORS/ ANIMAL EXPERIMENTS/  
\*BLOOD CELL COUNT/ \*BLOOD  
PLATELETS/ FEMALE/ \*HORSES/ MALE/  
PEDIGREE/ SEX FACTORS/ TIME FACTORS
1812. Firat T: A new method for the treatment of ligneous  
conjunctivitis. Turk J Pediat 11:31-7, Jan 69
- CHILD, PRESCHOOL/ \*CHYMOTRYPSIN,  
administration & dosage/ \*CONJUNCTIVITIS,  
drug therapy/ FEMALE/ HUMAN/  
\*HYALURONIDASE, administration & dosage/  
INFANT, NEWBORN/ MALE/ OPHTHALMIC  
SOLUTIONS
1813. Firat T, Tinaztepe B: Histochemical investigations on  
ligneous conjunctivitis and a new method of  
treatment. Acta Ophthal (Kobenhavn) 48:3-13, 1970
- BIOPSY/ CHILD, PRESCHOOL/  
\*CHYMOTRYPSIN, therapeutic use/  
\*CONJUNCTIVITIS, pathology/ FEMALE/  
HISTOCYTOCHEMISTRY/ HUMAN/  
\*HYALURONIDASE, therapeutic use/ INFANT,  
NEWBORN/ MALE/  
MUCOPOLYSACCHARIDES, analysis
1814. Fisch IR: Cryofibrinogenaemia in women using oral  
contraceptives. Lancet 1:775, 11 Apr 70
- ADULT/ AGE FACTORS/ BLOOD PROTEIN  
DISORDERS, chemically induced/ \*COLD/  
\*CONTRACEPTIVES, ORAL, adverse effects/  
FEMALE/ \*FIBRINOGEN/ FIBRINOGEN,  
analysis/ HUMAN
1815. Fischer DB, Halstead SB: Observations related to  
pathogenesis of dengue hemorrhagic fever. V.  
Examination of agspecific sequential infection rates  
using a mathematical model.  
Yale J Biol Med 42:329-49, Apr 70
- ADOLESCENCE/ \*AGE FACTORS/ CHILD/  
CHILD, PRESCHOOL/ COMPUTERS, DIGITAL/  
DENGUE, etiology/ DENGUE, immunology/  
\*DENGUE, occurrence/ HEMORRHAGIC  
DIATHESIS, occurrence/ HOSPITALIZATION/  
HUMAN/ INFANT/ MATHEMATICS/ MODELS,  
THEORETICAL/ THAILAND/ TIME FACTORS
1816. Fischer G: Untersuchungen über einen  
Antihistamin-ähnlichen Effekt der Streptokinase am  
isolierten Meerschweinchen-Ileum.  
Arzneimittelforschung 19:2017-20, Dec 69 (Ger)
- ACETYLCHOLINE, pharmacodynamics/  
ANIMAL EXPERIMENTS/  
ANTI-HISTAMINICS, pharmacodynamics/  
BRADYKININ, pharmacodynamics/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ GUINEA PIGS/ HEART, drug  
effects/ \*ILEUM, drug effects/ IN VITRO/  
STREPTOKINASE, administration & dosage/  
\*STREPTOKINASE, pharmacodynamics
1817. Fischer G, Udermann H: Kininfreisetzung aus  
menschlichem Plasma durch Streptokinase.  
Arzneimittelforschung 20:580-4, Apr 70 (Ger)
- ANIMAL EXPERIMENTS/ \*BLOOD  
PRESSURE, drug effects/ BRADYKININ,  
analysis/ BRADYKININ, pharmacodynamics/  
CARBOXYPEPTIDASES, pharmacodynamics/  
DEPRESSION, CHEMICAL/ DRUG  
SYNERGISM/ \*DUODENUM, drug effects/  
ENGLISH ABSTRACT/ GUINEA PIGS/  
HYDROGEN-ION CONCENTRATION/ \*ILEUM,  
drug effects/ IN VITRO/ KALLIDIN, analysis/  
\*KININS, blood/ PEPTIDES,  
pharmacodynamics/ RATS/ STIMULATION,  
CHEMICAL/ STREPTOKINASE, administration  
& dosage/ \*STREPTOKINASE,  
pharmacodynamics/ \*TACHYPHYLAXIS, drug  
effects/ TIME FACTORS/ TRYPSIN,  
pharmacodynamics
1818. Fischer I, Lucassen E: Die lokale Behandlung stumpfer  
Verletzungen mit einer heparinhaltigen  
Wirkstoffkombination.  
Med Mschr 23:415-6, Sep 69 (Ger)
- GELS, therapeutic use/ \*HEPARIN,  
therapeutic use/ HUMAN/ \*WOUNDS AND  
INJURIES, drug therapy
1819. Fischer M: Antifibrinolytika und deren therapeutische  
Anwendung.  
Folia Haemat (Leipzig) 92:64-77, 1969 (Ger)
- AMINOCAPROIC ACID, therapeutic use/  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ BENZOATES, therapeutic use/ \*BLOOD  
COAGULATION DISORDERS, drug therapy/  
BLOOD COAGULATION DISORDERS, etiology/  
BLOOD COAGULATION FACTORS/ BLOOD  
GROUP INCOMPATIBILITY, complications/  
CYCLOHEXANECARBOXYLIC ACIDS,  
therapeutic use/ EXTRACORPOREAL  
CIRCULATION, adverse effects/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR/  
KININS, blood/ MALE/ MIDDLE AGE/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ POSTOPERATIVE  
COMPLICATIONS/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/  
SHWARTZMAN PHENOMENON, complications/  
THROMBELASTOGRAPHY/ VENOMS, adverse  
effects
1820. Fischer M: Erfolgreiche Puderbehandlung schlecht  
heilender Gewebsdefekte.  
Z Allgemeinmed 45:1008-9, 31 Jul 69 (Ger)
- ALLANTOIN, therapeutic use/ \*HEPARINOID  
therapeutic use/ HUMAN/ \*HYDANTOINS,  
therapeutic use/ POWDERS/ \*QUINOLINUM  
COMPOUNDS, therapeutic use/ WOUND  
HEALING/ \*WOUNDS AND INJURIES, drug  
therapy
1821. Fischer M: Blutgerinnung bei Leberzirrhose.  
Wien Z Inn Med 51:109-10, 1970 (Ger)
- \*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION FACTORS,  
therapeutic use/ HEMORRHAGE,  
GASTROINTESTINAL, drug therapy/ HUMAN  
\*LIVER CIRRHOSIS, blood
1822. Fischer M: The effect of different plasma volu



# AUTHOR SECTION

- expanders (rheomacrodex and haemacel) on the fibrinolytic system and some platelet functions.  
Bibl Haemat 33:457-65, 1969
- ANTIFIBRINOLYTIC AGENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ \*BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ DEXTRAN, pharmacodynamics/ ERYTHROCYTE COUNT/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, analysis/ GELATIN, pharmacodynamics/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ IODINE ISOTOPES/ \*PLASMA SUBSTITUTES, pharmacodynamics/ PLASMA VOLUME/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS, drug effects/ SERUM ALBUMIN, analysis
1823. Fischer M: Therapie mit Antikoagulantien II. (Möglichkeiten und Grenzen)  
Med Welt 14:620-6, 4 Apr 70 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ \*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ CHILD/ HEMORRHAGE, chemically induced/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control
1824. Fischer M: Therapie mit Antikoagulantien. I. (Möglichkeiten und Grenzen)  
Med Welt 13:534-9 contd, 28 Mar 70 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ COUMARINS, therapeutic use/ HEPARIN, therapeutic use/ HEPARINOID, therapeutic use/ HUMAN/ THROMBOEMBOLISM, drug therapy
1825. Fischer M: Verhalten menschlicher Plasmininhibitoren bei intravasaler erhöhter fibrinolytischer Aktivität.  
Thromb Diath Haemorrh 23:513-52, 30 Jun 70 (Ger)  
ANGINA PECTORIS, blood/ ANTITHROMBIN, analysis/ \*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, drug therapy/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ \*FIBRINOLYSIS, antagonists & inhibitors/ FIBRINOLYSIS, therapeutic use/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ GEL DIFFUSION TESTS/ HEART DEFECTS, CONGENITAL, surgery/ HEART SURGERY/ HUMAN/ IMMUNOELECTROPHORESIS/ LIVER CIRRHOSIS, blood/ MACROGLOBULINS, analysis/ MYOCARDIAL INFARCT, blood/ NEOPLASM METASTASIS, blood/ PEPTIDE HYDROLASES, blood/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, blood/ THROMBOSIS, blood/ TRYPSIN, antagonists & inhibitors
1826. Fischer M: Das Verhalten einiger Thrombozytenfunktionen in Gegenwart verschiedener Volumenersatzmittel.  
Folia Haemat (Leipzig) 92:485-90, 1969 (Ger)  
ADENINE NUCLEOTIDES/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ DEXTRAN, pharmacodynamics/ GELATIN, pharmacodynamics/ HUMAN/ \*PLASMA SUBSTITUTES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects
1827. Fischer M, Krepler P, Lechner K: Zur Heparinbehandlung des Waterhouse-Friderichsen-Syndroms.  
Wien Klin Wschr 81:876-9, 28 Nov 69 (Ger)  
DIAGNOSIS, DIFFERENTIAL/ \*HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ WATERHOUSE-FRIDERICHSEN SYNDROME, diagnosis/ \*WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy/ WATERHOUSE-FRIDERICHSEN SYNDROME, etiology
1828. Fischer M, Lechner K, Helmer F, et al: Perturbações da coagulação no pós-operatório cardíaco com o emprego de circulação extracorpórea.  
Hospital (Rio) 75:591-601, Feb 69 (Por)  
\*BLOOD COAGULATION DISORDERS/ ENGLISH ABSTRACT/ \*EXTRACORPOREAL CIRCULATION/ HEART SURGERY/ HEMORRHAGE/ HUMAN/ \*POSTOPERATIVE COMPLICATIONS
1829. Fischer M, Pilgerstorfer HW: In-vitro-Untersuchungen mit Urokinase.  
Folia Haemat (Leipzig) 92:51-6, 1969 (Ger)  
\*BLOOD COAGULATION/ FIBRIN/ \*FIBRINOLYTIC AGENTS/ FIBRINOLYTIC AGENTS, standards/ IN VITRO/ IODINE ISOTOPES/ THROMBELASTOGRAPHY
1830. Fischermann K, Mouridsen H, Neesgaard I, et al: Gastric and pancreatic function and the absorption of iron, vitamin B12, and calcium after proximal gastric resection for cancer in the upper part of the stomach.  
Scand J Gastroent 4:697-703, 1969  
AGED/ AMYLASE, analysis/ BLOOD PROTEINS, analysis/ CALCIUM, blood/ \*CALCIUM, metabolism/ FEMALE/ FOLLOW-UP STUDIES/ GASTRECTOMY/ GASTRIC ACIDITY DETERMINATION/ HEMOGLOBIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*INTESTINAL ABSORPTION/ IRON, blood/ \*IRON, metabolism/ LIPASE, analysis/ MALE/ MIDDLE AGE/ \*PANCREAS, physiology/ PANCREATIC JUICE, enzymology/ PHOSPHORUS, blood/ \*STOMACH, physiology/ STOMACH NEOPLASMS, surgery/ TRANSFERRIN, analysis/ TRYPSIN, analysis/ \*VITAMIN B 12, metabolism
1831. Fišer Z, Cernoch J, Myslivý M, et al: Nitrolební cévní malformace tvrdé pleny.  
Cesk Neurol 32:295-8, Oct 69 (Cze)  
ADULT/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS MALFORMATIONS/ BRAIN NEOPLASMS, diagnosis/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ \*DURA MATER, abnormalities/ ENGLISH ABSTRACT/ \*HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ PNEUMOENCEPHALOGRAPHY/ SUBARACHNOID HEMORRHAGE, etiology
1832. Fisher B: Prospects for the control of metastases.  
Cancer 24:1263-9, Dec 69  
ANTICOAGULANTS, therapeutic use/ \*BREAST NEOPLASMS/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, immunology/ BREAST NEOPLASMS, prevention & control/ BREAST NEOPLASMS, surgery/ FEMALE/ FLUOROURACIL, therapeutic use/ HUMAN/ \*LYMPHATIC METASTASIS/ LYMPHATIC METASTASIS, prevention & control/ NEOPLASM CIRCULATING CELLS/ NEOPLASM RECURRENCE, LOCAL/ PROGNOSIS/ THIO-TEPA, therapeutic use
1833. Fitch WM: Locating gaps in amino acid sequences to optimize the homology between two proteins.  
Biochem Genet 3:99-108, Apr 69  
\*AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ EVOLUTION/ GENETIC CODE/ \*GENETICS, BIOCHEMICAL/ METHODS/ MUTATION/ TRYPSINOGEN
1834. Fitz-Gerald JM: Implications of a theory of erythrocyte motion in narrow capillaries.  
J Appl Physiol 27:912-8, Dec 69  
BLOOD PRESSURE/ BLOOD VISCOSITY/ \*CAPILLARIES/ \*ERYTHROCYTES, physiology/ MODELS, BIOLOGIC/ RHEOLOGY/ VASCULAR RESISTANCE
1835. FitzGerald DE: The role of the mast cell in thrombolysis induced by heparin and a heparin-like substance SP54.  
Thromb Diath Haemorrh 22:569-74, 31 Dec 69  
ANIMAL EXPERIMENTS/ COMPOUND 48-80, pharmacodynamics/ \*FIBRINOLYSIS/ HEPARIN, metabolism/ \*HEPARIN,



## AUTHOR SECTION

- pharmacodynamics/ HEPARIN, therapeutic use/ \*HEPARINOID, pharmacodynamics/ \*MAST CELLS/ MAST CELLS, metabolism/ RABBITS/ SULFUR ISOTOPES/ \*THROMBOSIS, drug therapy
1836. Fitzpatrick J, Kennedy CC: Serum hepatitis in a haemophilic. *Brit Med J* 4:299, 1 Nov 69  
 FACTOR VIII, administration & dosage/  
 \*FACTOR VIII, adverse effects/  
 \*HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ \*HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ MALE/ MIDDLE AGE
1837. Fitzpatrick PJ: The nasopharyngeal angiofibroma. *Canad J Surg* 13:228-35, Jul 70  
 ADOLESCENCE/ ADULT/ ANDROGENS, therapeutic use/ ANGIOGRAPHY/ \*ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, radiotherapy/ ANGIOMA, SCLEROSING, surgery/ AUTOPSY/ CHILD/ FEMALE/ HUMAN/ MALE/ \*NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, drug therapy/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ NASOPHARYNGEAL NEOPLASMS, surgery/ NEOPLASM RECURRENCE, LOCAL/ TOMOGRAPHY
1838. Fitzpatrick PJ: The nasopharyngeal angiofibroma. *Folia Haemat (Leipzig)* 92:228-35, 1969  
 ADOLESCENCE/ ADULT/ ANDROGENS, therapeutic use/ ANGIOGRAPHY/ \*ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, radiotherapy/ ANGIOMA, SCLEROSING, surgery/ AUTOPSY/ CHILD/ FEMALE/ HUMAN/ MALE/ \*NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, drug therapy/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ NASOPHARYNGEAL NEOPLASMS, surgery/ NEOPLASM RECURRENCE, LOCAL/ TOMOGRAPHY
1839. Fitzpatrick PJ: The nasopharyngeal angiofibroma. *Canad J Surg* 13:228-35, Jul 70  
 ADOLESCENCE/ ADULT/ ANDROGENS, therapeutic use/ ANGIOGRAPHY/ \*ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, radiotherapy/ ANGIOMA, SCLEROSING, surgery/ AUTOPSY/ CHILD/ FEMALE/ HUMAN/ MALE/ \*NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, drug therapy/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ NASOPHARYNGEAL NEOPLASMS, surgery/ NEOPLASM RECURRENCE, LOCAL/ TOMOGRAPHY
1840. Flach M, Uhlemann B, Knothe J, et al: Elektrophysiologische Untersuchungen zur Frage einer Innenohrschädigung durch örtliche Anwendung proteolytischer Fermente (alpha-Chymotrypsin) *Arch Klin Exp Ohr Nas Kehlkopfheilk* 195:17-24, 1969 (Ger)  
 ANIMAL EXPERIMENTS/ \*CHYMOTRYPSIN, adverse effects/ CHYMOTRYPSIN, therapeutic use/ \*COCHLEA, physiology/ \*EAR, MIDDLE, drug effects/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ LABYRINTH DISEASES, chemically induced/ LABYRINTH DISEASES, physiopathology/ OTITIS MEDIA, drug therapy/ POTENTIOMETRY
1841. Flamand EL, Ruiz Caballero M, Benavides PH: Hemorragia intraperitoneal masiva y terapia anticoagulante. *Arch Inst Cardiol Mex* 40:102-7, Jan-Feb 70 (Spa)  
 ADULT/ \*ANTICOAGULANTS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMOPERITONEUM, chemically induced/ HEMOPERITONEUM, pathology/ \*HEMORRHAGE, chemically induced/ HUMAN/ \*OVARIAN CYSTS, chemically induced/ OVARIAN CYSTS, pathology/ OVARIAN DISEASES, chemically induced/ OVARIAN DISEASES, pathology
1842. Flament J: Hémorragie post-opératoire par fibrinolyse locale. *Arch Ophtal (Paris)* 29:785-94, Nov 69 (Fre)  
 ADULT/ AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS/ \*HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ MALE/ \*POSTOPERATIVE COMPLICATIONS
1843. Flanigan PW, Herrold JN, Tzagournis M: Effects of dietary glucose and cholesterol on atherosclerosis, aortic lipids, and serum lipid and insulin levels in rabbits. *Ohio Med J* 66:373-8, Apr 70  
 ANIMAL EXPERIMENTS/ AORTA, THORACIC, analysis/ \*ARTERIOSCLEROSIS, chemically induced/ BLOOD SUGAR/ \*CHOLESTEROL, pharmacodynamics/ DIET, ATHEROGENIC/ \*DIETARY CARBOHYDRATES, pharmacodynamics/ \*INSULIN, blood/ \*LIPIDS, blood/ RABBITS/ TRIGLYCERIDES, blood
1844. Flatmark A, Rö JS: Haemostatic studies during clinical pig liver perfusion. Possible complication of intravascular coagulation. *Scand J Gastroent* 5:315-9, 1970  
 ADULT/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD PLATELETS/ FEMALE/ HEPATIC COMA, complications/ \*HEPATIC COMA, therapy/ HUMAN/ LEUKOCYTES/ LIVER/ PERFUSION/ PROTAMINES, therapeutic use/ SWINE
1845. Flaxel JT: Histology of cataract extractions. *Arch Ophthal (Chicago)* 83:436-44, Apr 70  
 ADHESIONS, pathology/ AGED/ AUTOPSY/ \*CATARACT, pathology/ CATARACT EXTRACTION/ COLLAGEN/ CONJUNCTIVA, pathology/ CORNEA, pathology/ DESCEMET'S MEMBRANE, pathology/ EDEMA, pathology/ ENZYMOLOGICAL ZONULOLOGY/ EXUDATES AND TRANSUDATES, pathology/ \*EYE, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ INFLAMMATION, chemically induced/ IRIS, pathology/ IRIS, surgery/ MALE/ TALC/ \*WOUND HEALING
1846. Fleischner J, Irmischer J, Morgenstern D, et al: Organveränderungen beim gesunden Kaninchen nach langfristigen Myelobromolgaben. *Folia Haemat (Leipzig)* 93:259-65, 1970 (Ger)  
 \*ALKYLATING AGENTS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ \*BONE MARROW, drug effects/ ERYTHROCYTE COUNT/ HEMATOPOIESIS, drug effects/ \*KIDNEY, drug effects/ KIDNEY, pathology/ LEUKOCYTES, drug effects/ \*LIVER, drug effects/ LIVER, pathology/ MICROSCOPY, ELECTRON/ RABBITS/ \*SPLEEN, drug effects/ SULFOBROMOPHTHALEIN, diagnostic use
1847. Fleischmajer R, Burgoyne A, Piamphongsant T: Dermal glycosaminoglycans in psoriasis. *J Invest Derm* 54:316-8, Apr 70  
 ACETATES/ ADULT/ AGED/ CAUCASIAN RACE/ CELLULOSE/ ELECTROPHORESIS/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALURONIC ACID, analysis/ MALE/ MIDDLE AGE/ \*MUCOPOLYSACCHARIDES, metabolism/ NEGROES/ PAPAIN/ PSORIASIS, metabolism/ SKIN, analysis/ \*SKIN, metabolism/ SKIN, pathology/ TRYPSIN/ URONIC ACIDS, analysis
1848. Fletcher JL, Zmijewski CM: The first example of auto-anti-M and its consequences in pregnancy. *Int Arch Allerg* 37:586-95, 1970  
 ABSORPTION/ ANTIGEN-ANTIBODY REACTIONS/ \*AUTOANTIBODIES, analysis/ \*BLOOD GROUPS/ COOMBS' TEST/ ERYTHROCYTES, immunology/ FEMALE/



# AUTHOR SECTION

- GAMMA GLOBULIN, 19S, analysis/ GEL  
DIFFUSION TESTS/ HEMAGGLUTINATION  
TESTS/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/  
INFANT, NEWBORN/ \*PREGNANCY/ SERUM  
ALBUMIN, BOVINE/ TEMPERATURE/  
TRYPSIN/ UMBILICAL CORD, immunology
1849. Fleurette J, Modjadedy A: Etude critique des  
principaux caractères de pathogénicité de  
Staphylococcus aureus. Utilisation de la sérotypie  
comme méthode de comparaison.  
Path Microbiol (Basel) 32:191-204, 1968 (Fre)  
ACID PHOSPHATASE, metabolism/  
CATALASE, metabolism/ COAGULASE,  
metabolism/ DEOXYRIBONUCLEASE,  
metabolism/ ENGLISH ABSTRACT/ GLUCOSE,  
metabolism/ HUMAN/ MANNITOL,  
metabolism/ MICROCOCCUS, metabolism/  
PIGMENTS/ SEROTYPING/  
\*STAPHYLOCOCCUS, classification/  
STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, metabolism/  
\*STAPHYLOCOCCUS, pathogenicity
1850. Flora G: Abnorme Blutungen in der Gefäßchirurgie.  
Thoraxchirurgie 18:134-7, Apr 70 (Ger)  
ADULT/ AMINOCAPROIC ACID, therapeutic  
use/ BLOOD COAGULATION DISORDERS,  
drug therapy/ BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD TRANSFUSION/  
ENGLISH ABSTRACT/ FEMALE/  
FIBRINOGEN/ FIBRINOLYSIS/ HEMATOMA,  
etiology/ \*HEMORRHAGE, etiology/ HEPARIN/  
HUMAN/ MITRAL VALVE INSUFFICIENCY,  
surgery/ POSTOPERATIVE COMPLICATIONS/  
SUTURES/ \*VASCULAR SURGERY, adverse  
effects
1851. Florey: Elements of the vascular system.  
Sci Basis Med Ann Rev 1-18, 1969 (22 ref.)  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, blood/  
ARTERIOSCLEROSIS, drug therapy/  
\*ARTERIOSCLEROSIS, metabolism/  
ARTERIOSCLEROSIS, pathology/ \*BLOOD  
VESSELS, anatomy & histology/ BLOOD  
VESSELS, cytology/ BLOOD VESSELS,  
metabolism/ BLOOD VESSELS, pathology/  
CHOLESTEROL, blood/ CHOLESTYRAMINE,  
therapeutic use/ CORONARY VESSELS,  
cytology/ EPITHELIUM, cytology/ FIBRIN,  
metabolism/ HUMAN/ LIPIDS, metabolism/  
MICROSCOPY, ELECTRON/ RABBITS/  
REVIEW/ SWINE
1852. Florkiewicz H, Korolko A, Bielak J: Disturbances of  
blood coagulation in acute pancreatitis.  
Pol Med J 8:1292-6, 1969  
ACUTE DISEASE/ ADULT/ AGED/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ FEMALE/ HUMAN/ MALE/ MIDDLE  
AGE/ \*PANCREATITIS, blood/  
PROTHROMBIN TIME/  
THROMBELASTOGRAPHY
1853. Flowers RS: Unexpected postoperative problems in  
skin grafting. Surg Clin N Amer 50:439-56, Apr 70  
CELLULITIS, etiology/ CICATRIX/  
CONTRACTURE, etiology/ HEMATOMA,  
etiology/ HUMAN/ INFECTION, complications/  
KELOID, etiology/ NECROSIS/  
POSTOPERATIVE COMPLICATIONS/ \*SKIN,  
transplantation/ STEROIDS, adverse effects/  
SUTURE TECHNIQS/ TISSUE DONORS/  
TRANSPLANTATION, AUTOLOGOUS/ WOUND  
HEALING
1854. Flute PT: Deep vein thrombosis: medical management.  
Brit Med J 4:878-80, 13 Dec 69  
\*ANTICOAGULANTS, therapeutic use/  
FIBRINOLYTIC AGENTS, adverse effects/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, therapeutic use/ HUMAN/  
PULMONARY EMBOLISM, complications/  
STREPTOKINASE, therapeutic use/  
THROMBOPHLEBITIS, complications/  
\*THROMBOPHLEBITIS, drug therapy/  
VENOMS, therapeutic use
1855. Flute PT, Howe CT: Radioactive fibrinogen as an index  
of thrombosis. Proc Roy Soc Med 62:1129-31, Nov 69  
ANIMAL EXPERIMENTS/ \*FIBRINOGEN,  
metabolism/ HUMAN/ \*IODINE ISOTOPES,  
DIAGNOSTIC/ PHLEBOGRAPHY/  
POSTOPERATIVE COMPLICATIONS/  
RADIOISOTOPE SCANNING/  
\*THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, drug therapy
1856. Fock G, Ikkala E, Lempinen M, et al:  
A-hemofiliapotilaiden leikkaushoito.  
Duodecim 85:890-3, 1969 (Fin)  
ADULT/ BLOOD COAGULATION FACTORS/  
\*CYSTS, surgery/ ENGLISH ABSTRACT/  
FACTOR VIII/ \*HEMOPHILIA, complications/  
HEMORRHAGE, prevention & control/  
HUMAN/ MALE/ MIDDLE AGE/  
POSTOPERATIVE COMPLICATIONS/  
RETROPERITONEAL SPACE/ \*STOMACH,  
surgery
1857. Földváry G, Fedor I, Kaló E: Az anticoaguláns terapia  
ritka hasúri szövődményeiről.  
Orv Hetil 110:2283-5, 28 Sep 69 (Hun)  
\*ACENOCOUMAROL, adverse effects/  
\*HEMORRHAGE, etiology/ HUMAN/ MALE/  
MIDDLE AGE/ \*SHOCK, HEMORRHAGIC,  
mortality
1858. Foley JF, Aftonomos B: The use of pronase in tissue  
culture: a comparison with trypsin.  
J Cell Physiol 75:159-61, Apr 70  
CELL LINE/ FIBROBLASTS/ HELA CELLS/  
KIDNEY/ METHODS/ MICROSCOPY, PHASE  
CONTRAST/ MONKEYS/ \*PEPTIDE  
HYDROLASES/ \*TISSUE CULTURE/  
\*TRYPSIN
1859. Folling M, Schjonsby H: Azathioprine ved  
trombocytopenisk purpura.  
T Norsk Laegeforen 89:1575-6, 15 Oct 69 (Nor)  
AGED/ \*AZATHIOPRINE, therapeutic use/  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
CHILD/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/ \*PURPURA,  
THROMBOPENIC, drug therapy
1860. Foltyn H, Wróbel I: Przypadek krwawienia z dróg  
moczowych u dziecka z hemofilią A leczonego  
kryoprecypitatem AHG.  
Pediat Pol 44:1155-7, Sep 69 (Pol)  
CHILD/ \*FACTOR VIII, therapeutic use/  
HEMATURIA, drug therapy/ \*HEMATURIA,  
etiology/ \*HEMOPHILIA, drug therapy/  
HUMAN/ MALE/ PRECIPITINS/  
THROMBELASTOGRAPHY
1861. Foltz EL: Neurologic surgery.  
Surg Gynec Obstet 130:301-2, Feb 70  
ANIMAL EXPERIMENTS/ BRAIN  
NEOPLASMS, drug therapy/ CATS/ DOGS/  
FLUOROURACIL, administration & dosage/  
GLIOBLASTOMA MULTIFORME,  
drug therapy/ GLIOBLASTOMA  
MULTIFORME, metabolism/ HUMAN/  
HYPOTHERMIA, INDUCED/ LAMINECTOMY/  
\*NEUROSURGERY/ SPINAL CORD INJURIES,  
therapy/ THYMIDINE, therapeutic use/  
WARFARIN, administration & dosage
1862. Fomina LS, Basargin NN, Kondrashova VP:  
Chuvstvitel'nymi metod opredelenia tripsina v  
duodenal'nom i pankreaticheskom soke.  
Lab Delo 6:350-4, 1970 (Rus)  
ANIMAL EXPERIMENTS/ DOGS/  
\*DUODENUM, enzymology/ FECES,  
enzymology/ HUMAN/ INFANT/ \*INTESTINAL  
SECRETIONS, enzymology/ METHODS/  
\*PANCREATIC JUICE, enzymology/  
\*SPECTROPHOTOMETRY/ \*TRYPSIN, analysis
1863. Foncin JF, Gaches J, Saimot L, et al: Un cas  
d'hémosidérose marginale du névraxe consécutif à un  
angiome médullaire.  
Rev Neurol (Paris) 116:685-90, Jun 67 (Fre)  
BRAIN, pathology/ \*CENTRAL NERVOUS  
SYSTEM DISEASES, etiology/ DUODENUM,  
pathology/ ELECTROENCEPHALOGRAPHY/  
\*HEMANGIOMA, complications/



# AUTHOR SECTION

- \*HEMOSIDEROSIS, etiology/ HUMAN/  
KIDNEY, pathology/ LIVER, pathology/  
MALE/ MIDDLE AGE/ SPINAL CORD,  
pathology/ \*SPINAL CORD NEOPLASMS,  
complications/ SUBARACHNOID  
HEMORRHAGE, complications
1864. Fondy TP, Kitto GB, Driscoll GA: A comparison of thiol  
peptides of heart mitochondrial malate  
dehydrogenases from pig, chicken, and tuna.  
Biochemistry (Wash) 9:1001-10, 17 Feb 70  
ALKYLATION/ ANIMAL EXPERIMENTS/  
CARBON ISOTOPES/ CHICKENS/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ CYSTEINE, analysis/  
ELECTROPHORESIS/ FISHES/  
HYDROGEN-ION CONCENTRATION/  
IODOACETATES/ \*MALATE  
DEHYDROGENASE, metabolism/  
\*MITOCHONDRIA, MUSCLE, enzymology/  
MYOCARDIUM/ \*PEPTIDES, analysis/  
RADIOAUTOGRAPHY/ SPECIES  
SPECIFICITY/ \*SULFHYDRYL COMPOUNDS,  
analysis/ SWINE/ TRYPSIN
1865. Font RL, Naumann G: Ocular histopathology in  
pulsed disease.  
Arch Ophthalmol (Chicago) 82:784-8, Dec 69  
ADHESIONS/ ADULT/ ANOXIA/ AORTA,  
pathology/ \*AORTIC ARCH SYNDROMES,  
pathology/ ATROPHY/ CHOROID, blood  
supply/ \*CHOROID, pathology/ EYE  
DISEASES, pathology/ FEMALE/ HUMAN/  
IRIS/ IRIS, blood supply/ RETINA, blood  
supply/ \*RETINA, pathology/ RETINAL  
DEGENERATION, pathology/ RETINAL  
VESSELS, pathology/ RETINITIS, pathology/  
VASCULAR DISEASES, pathology
1866. Ford LT: Clinical use of chymopapain in lumbar and  
dorsal disk lesions. An end-result study.  
Clin Orthop 67:81-7, Nov-Dec 69  
ADULT/ ANAPHYLAXIS, etiology/  
ANESTHESIA, GENERAL/ \*BACKACHE, drug  
therapy/ BACKACHE, etiology/ CONTRAST  
MEDIA/ FEMALE/ FOLLOW-UP STUDIES/  
HUMAN/ INJECTIONS/ \*INTERVERTEBRAL  
DISK/ INTERVERTEBRAL DISK, radiography/  
LAMINECTOMY/ LUMBAR VERTEBRAE,  
radiography/ MALE/ MYELOGRAPHY/  
\*PEPTIDE PEPTIDOHYDROLASES,  
administration & dosage/ \*SCIATICA, drug  
therapy/ SCIATICA, etiology/ \*SPINAL  
DISEASES, drug therapy/ THORACIC  
VERTEBRAE, radiography
1867. Ford LT: Experimental study of chymopapain in cats.  
Clin Orthop 67:68-71, Nov-Dec 69  
ANIMAL EXPERIMENTS/ BLOOD VESSELS,  
drug effects/ \*BRAIN, drug effects/ CATS/  
INJECTIONS/ \*INTERVERTEBRAL DISK, drug  
effects/ LAMINECTOMY/ LIVER,  
drug effects/ NERVE TISSUE, drug effects/  
PEPTIDE PEPTIDOHYDROLASES,  
administration & dosage/ \*PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
SUBARACHNOID HEMORRHAGE, chemically  
induced/ \*SUBARACHNOID SPACE, drug  
effects
1868. Ford PM, Bell WR, Bluestone R, et al: The effect of  
Arvin on experimental immune arthritis in rabbits.  
Brit J Exp Path 51:81-6, Feb 70  
ANIMAL EXPERIMENTS/ ANTIBODY  
FORMATION/ \*ANTICOAGULANTS,  
therapeutic use/ \*ARTHRITIS, drug therapy/  
ARTHRITIS, immunology/ ARTHRITIS,  
pathology/ AUTOANTIBODIES/ FIBRINOGEN,  
analysis/ FIBRINOLYSIS/ HYPERPLASIA/  
KNEE, pathology/ RABBITS/ SNAKES/  
SYNOVIAL FLUID/ SYNOVIAL MEMBRANE,  
pathology/ \*VENOMS, therapeutic use
1869. Ford PM, Webb FW, Bluestone RH, et al: Effect of  
Arvin on experimental immune arthritis in rabbits.  
Ann Rheum Dis 29:336, May 70  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, therapeutic use/  
ANTIGENS/ ARTHRITIS, immunology/  
\*ARTHRITIS, prevention & control/ RABBITS/  
SNAKES/ \*VENOMS, therapeutic use
1870. Formgren H: Immunosuppressive treatment of  
bronchial asthma.  
Allerg Asthma (Leipzig) 16:36-41, 1970  
AGED/ \*ASTHMA, drug therapy/ ASTHMA,  
immunology/ AZATHIOPRINE,  
therapeutic use/ BLOOD PLATELETS/  
BRONCHIAL DISEASES, drug therapy/  
CORTICOTROPIN, therapeutic use/  
EOSINOPHILS/ FEMALE/ GAMMA  
GLOBULIN, analysis/ HEMOGLOBINOMETRY/  
HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS,  
therapeutic use/ LEUKOCYTE COUNT/  
MALE/ MIDDLE AGE/ ORCIPRENALINE,  
therapeutic use/ OSTEOPOROSIS, etiology/  
SPIROMETRY/ TRIAMCINOLONE, adverse  
effects
1871. Formmiller M, Cohon MS: Coumarin and indandione  
anticoagulants. Potentiators and antagonists.  
Amer J Hosp Pharm 26:574-82, Oct 69  
\*ANTICOAGULANTS, pharmacodynamics/  
\*COUMARINS, pharmacodynamics/ \*DRUG  
ANTAGONISM/ \*DRUG SYNERGISM/  
HUMAN/ \*INDENES, pharmacodynamics/  
PROTHROMBIN TIME
1872. Fornasier VL: Haemangiomas with massive  
osteolysis. J Bone Joint Surg [Brit] 52:444-51, Aug 70  
\*ANGIOMATOSIS, complications/  
ANGIOMATOSIS, pathology/ ANKLE,  
radiography/ \*BONE RESORPTION,  
complications/ BONE RESORPTION, pathology/  
BONE RESORPTION, radiography/ HUMAN/  
MALE/ METATARSUS, radiography/ MIDDLE  
AGE/ MUSCLES, pathology/ TIBIA, pathology
1873. Forsgren L: Studies on the intestinal absorption of  
labelled fat-soluble vitamins (A, D, E, and K) via the  
thoracic-duct lymph in the absence of bile in man.  
Acta Chir Scand Suppl 399:1+, 1969  
ADENOCARCINOMA, metabolism/ ADULT/  
AGED/ \*BILE, physiology/ BILE DUCT  
NEOPLASMS, metabolism/ BILE DUCTS,  
physiopathology/ \*BILIARY TRACT  
DISEASES/ BILIARY TRACT DISEASES,  
etiology/ BILIRUBIN, blood/ CARBON  
ISOTOPES/ CHOLANGIOMA, metabolism/  
ENZYMES, blood/ FATS/ FEMALE/ HUMAN/  
\*INTESTINAL ABSORPTION/ \*LYMPH/  
MALE/ MIDDLE AGE/ PANCREATIC  
NEOPLASMS, metabolism/ SOLUBILITY/  
THORACIC DUCT, physiology/ THYMOL,  
blood/ TIME FACTORS/ TRITIUM/ \*VITAMIN  
A, metabolism/ \*VITAMIN D, metabolism/  
\*VITAMIN E, metabolism/ \*VITAMIN K,  
metabolism
1874. Forsyth G, Brant D, Johnson BC: A kinetic approach to  
the effect of prothrombin concentration on the rate of  
fibrin polymerization. Arch Biochem 134:1-7, Oct 69  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ CATTLE/ \*FIBRIN/ FIBRINOGEN/  
KINETICS/ METHODS/ POLYMERS, analysis/  
\*PROTHROMBIN, analysis/ PROTHROMBIN,  
physiology/ RATS/ THROMBIN, antagonists &  
inhibitors/ TIME FACTORS
1875. Fort AT: Hemorrhagic complications of labor and  
delivery. Obstet Gynec 34:717-20, Nov 69  
ABRUPTIO PLACENTAE, complications/  
BLOOD COAGULATION DISORDERS, etiology/  
DELIVERY/ FEMALE/ HEMORRHAGE,  
POSTPARTUM, etiology/ HUMAN/ INFANT,  
NEWBORN/ \*LABOR COMPLICATIONS/  
PLACENTA PRAEVI, complications/  
PREGNANCY/ SHOCK, HEMORRHAGIC,  
etiology/ \*UTERINE HEMORRHAGE/  
UTERINE INERTIA, complications
1876. Fossati F: Alterazioni polmonari da traumi chiusi del  
torace. Minerva Radiol 14:222-9, Jun 69 (Ita)  
ATELECTASIS, etiology/ CONTUSIONS/  
\*HEMATOMA/ HUMAN/ \*LUNG, injuries/  
\*LUNG DISEASES, etiology/ PNEUMONIA,  
etiology/ PULMONARY EDEMA, etiology/



# AUTHOR SECTION

PULMONARY EMBOLISM, etiology/  
\*THORACIC INJURIES, complications

pharmacodynamics/ VESICULAR STOMATITIS  
VIRUS

1877. Foster RM: The incidence of retinal haemorrhages in severe anaemia.  
Trans Roy Soc Trop Med Hyg 64:99-101, 1970  
ADULT/ \*ANEMIA, complications/ ANEMIA, HYPOCHROMIC, complications/ ANEMIA, MACROCYTIC, complications/ ANEMIA, MACROCYTIC, diagnosis/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ \*RETINAL HEMORRHAGE, complications/ RETINAL HEMORRHAGE, occurrence
1878. Fothergill LA, Fothergill JE: Thiol and disulphide contents of hen ovalbumin. C-terminal sequence and location of disulphide bond.  
Biochem J 116:555-61, Feb 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICKENS/ CHLOROMERCURIBENZOATES/ CHROMATOGRAPHY/ CYSTEINE, analysis/ ELECTROPHORESIS/ FEMALE/ IMINES/ IODOACETATES/ \*OVALBUMIN, analysis/ PEPTIDES, analysis/ PROLINE, analysis/ SERINE, analysis/ \*SULFIDES, analysis/ TRYPSIN/ VALINE, analysis
1879. Fouace J, Ferre V: Infection expérimentale de la souris par le staphylocoque. Corrélation entre la présence de certaines enzymes et le pouvoir pathogène des souches.  
Ann Inst Pasteur (Paris) 118:775-84, Jun 70 (Fre)  
ANIMAL EXPERIMENTS/ BACTERIOPHAGE TYPING/ COAGULASE, isolation & purification/ ENGLISH ABSTRACT/ HEMOLYSINS, isolation & purification/ LIPASE, isolation & purification/ LYSOGENY/ MICE/ MUTATION/ RADIATION EFFECTS/ STAPHYLOCOCCAL INFECTIONS, mortality/ \*STAPHYLOCOCCUS, enzymology/ \*STAPHYLOCOCCUS, pathogenicity/ STAPHYLOCOCCUS, radiation effects/ VIRULENCE
1880. Foulds JD, Shemin D: Properties and characteristics of a bacteriocin from *Serratia marcescens*.  
J Bact 99:655-60, Sep 69  
BACTERIOCINS, biosynthesis/ \*BACTERIOCINS, pharmacodynamics/ BACTERIOPHAGE/ ESCHERICHIA COLI, drug effects/ RADIATION EFFECTS/ \*SERRATIA MARCESCENS, analysis/ SERRATIA MARCESCENS, radiation effects/ THYMIDINE/ TIME FACTORS/ TRYPSIN, metabolism/ ULTRAVIOLET RAYS
1881. Foulds WS: A method for measuring the relative strengths of induced chorio-retinal adhesions.  
Bibl Ophthal 79:436-9, 1969  
ADHESIONS, physiochemistry/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ \*CHOROID/ \*LIGHT COAGULATION/ METHODS/ RABBITS/ \*RETINA/ \*RETINAL DETACHMENT, therapy
1882. Fournier A, Paul A, Cecile JP, et al: Angiomyolipome rénal révéle par une hématurie profuse au cours d'une sclérose tubéreuse de Bourneville.  
Pédiatrie 24:79-85, Jan-Feb 69 (Fre)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ \*HEMANGIOMA, complications/ \*HEMATURIA, etiology/ HUMAN/ INFANT/ \*KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, etiology/ \*LIPOMA, complications/ \*TUBEROUS SCLEROSIS, complications
1883. Fournier F, Rousset S, Chany C: Investigations on a tissue antagonist of interferon (TAI).  
Proc Soc Exp Biol Med 132:943-50, Dec 69  
\*AMNION/ HEAT/ HUMAN/ \*INTERFERON, antagonists & inhibitors/ INTERFERON, biosynthesis/ L CELLS/ LEUKOCYTES/ METHODS/ NEWCASTLE DISEASE VIRUS/ PEPTIDE HYDROLASES, pharmacodynamics/ TISSUE CULTURE/ TISSUE EXTRACTS, isolation & purification/ \*TISSUE EXTRACTS, pharmacodynamics/ VESICULAR STOMATITIS VIRUS
1884. Fournon S, Mathieu J, Isoard P, et al: Etude de l'évolution de la numération et de la formule sanguine de la souris BALB-c pendant les premiers mois de la vie. C R Soc Biol (Paris) 164:161-5, 1970 (Fre)  
AGE FACTORS/ ANIMAL EXPERIMENTS/ \*BLOOD CELL COUNT/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MICE/ MONOCYTES
1885. Fox M, Henry L, Lomax AH, et al: The effect of isobutyl-cyanoacrylate monomer adhesive on closure of nephrotomy and partial nephrectomy incisions.  
Brit J Urol 41:539-45, Oct 69  
\*ACRYLATES/ ACRYLATES, toxicity/ ANIMAL EXPERIMENTS/ \*CYANATES/ DOGS/ HEMOSTASIS/ KIDNEY, pathology/ KIDNEY, radiography/ \*KIDNEY, surgery/ NEPHRECTOMY/ NEPHROCALCINOSIS, chemically induced/ RATS/ SUTURES/ \*TISSUE ADHESIVES/ TISSUE ADHESIVES, toxicity/ WOUND HEALING
1886. Fradera J, Haddock J, Pérez-Santiago E, et al: Congenital factor XIII deficiency. Report of 2 cases.  
Bol Asoc Med P Rico 61:294-9, Aug 69  
ADULT/ BLOOD COAGULATION DISORDERS, diagnosis/ \*BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ CHILD/ \*FACTOR XIII/ FEMALE/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE
1887. Frame JD, Baldwin JM Jr, Gocke DJ, et al: Lassa fever, a new virus disease of man from West Africa. I. Clinical description and pathological findings.  
Amer J Trop Med 19:670-6, Jul 70  
ACUTE DISEASE/ ADULT/ AGED/ AUTOPSY/ BACKACHE, etiology/ BLOOD, microbiology/ BLOOD CELL COUNT/ CHLOROQUINE, therapeutic use/ EDEMA, etiology/ FEMALE/ FEVER, etiology/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ KIDNEY, pathology/ LEUKOPENIA, etiology/ LUNG, pathology/ MIDDLE AGE/ MYOCARDITIS, etiology/ NIGERIA/ ORAL MANIFESTATIONS/ PENICILLIN G, PROCAINE, therapeutic use/ PHARYNGITIS, etiology/ \*VERTEBRATE VIRUSES, UNCLASSIFIED/ VIRULENCE/ VIRUS DISEASES, classification/ VIRUS DISEASES, diagnosis/ VIRUS DISEASES, drug therapy/ VIRUS DISEASES, microbiology/ VIRUS DISEASES, nursing/ \*VIRUS DISEASES, occurrence/ VIRUS DISEASES, pathology/ WOUND INFECTION
1888. Franco DA: Thrombocytopenia and its relationship to sporadic idiopathic epistaxis in thoroughbreds.  
Vet Med 64:1071-2, Dec 69  
\*BLOOD PLATELETS/ EPISTAXIS, etiology/ \*EPISTAXIS, veterinary/ \*HORSE DISEASES/ HORSES/ THROMBOPENIA, complications/ \*THROMBOPENIA, veterinary
1889. Franěk F, Novotný J: Isolation of a disulfide bridge containing fragment of the variable part of pig immunoglobulin lambda-chains.  
Europ J Biochem 11:165-9, Nov 69  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ \*GAMMA GLOBULIN/ GEL FILTRATION/ PEPTIDES, analysis/ SPECTROPHOTOMETRY/ \*SULFIDES/ SWINE/ TRYPSIN
1890. Frankland AL: An investigation of the trypsin digest test on apparently normal canine faeces.  
J Small Anim Pract 10:531-9, Nov 69  
\*DOG DISEASES, diagnosis/ DOGS/ \*FECES, analysis/ FEMALE/ MALE/ PANCREATIC DISEASES, diagnosis/ \*PANCREATIC DISEASES, veterinary/ \*TRYPSIN, analysis
1891. Franz H, Glöckner R, Herbig H: Zum indirekten Nachweis saurer Mucopolysaccharide durch



# AUTHOR SECTION

- Sudanschwarz B.  
Acta Histochem (Jena) 36:350-5, 1970 (Ger)  
\*AMMONIUM COMPOUNDS/ \*AZO  
COMPOUNDS/ BENZALKONIUM CHLORIDE/  
ENGLISH ABSTRACT/ HEMANGIOMA,  
metabolism/ HISTOCYTOCHEMISTRY/  
HUMAN/ \*MUCOPOLYSACCHARIDES,  
analysis/ \*PYRIDINIUM COMPOUNDS/  
SARCOMA, MAST CELL, metabolism/ SKIN  
NEOPLASMS, metabolism/ \*STAINS AND  
STAINING
1892. Fraser JR, Clarris BJ: On the reactions of human  
synovial cells exposed to homologous leucocytes in  
vitro. Clin Exp Immun 6:211-25, Feb 70  
GLUCOSE, metabolism/ HEPARIN,  
pharmacodynamics/ HUMAN/  
HYALURONIDASE, pharmacodynamics/  
HYDROCORTISONE, pharmacodynamics/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ \*LEUKOCYTES, immunology/  
SYNOVIAL MEMBRANE, cytology/ SYNOVIAL  
MEMBRANE, drug effects/ \*SYNOVIAL  
MEMBRANE, immunology/ TISSUE CULTURE
1893. Fredens M: Angiography in primary hepatic tumours in  
children.  
Acta Radiol [Diagn] (Stockholm) 8:193-200, May 69  
ADOLESCENCE/ AORTOGRAPHY/ CHILD/  
FEMALE/ \*HEMANGIOENDOTHELIOMA,  
radiography/ \*HEMANGIOMA, radiography/  
HEPATIC ARTERY, radiography/  
HEPATOMA, radiography/ HUMAN/ INFANT/  
\*LIVER NEOPLASMS, radiography/ MALE/  
RENAL ARTERY, radiography/ SPLENIC  
ARTERY, radiography
1894. Frederiks E, Huffstadt AJ: Two cases of purpura  
fulminans. Brit J Plast Surg 23:90-4, Jan 70  
AFIBRINOGENEMIA, complications/  
AMPUTATION/ CHILD/ CHILD, PRESCHOOL/  
FEMALE/ HEMORRHAGE, complications/  
HEPARIN, therapeutic use/ HUMAN/ LEG,  
surgery/ NECROSIS, surgery/ PURPURA,  
complications/ PURPURA, diagnosis/  
PURPURA, drug therapy/ PURPURA,  
etiology/ \*PURPURA, surgery/ SKIN,  
transplantation/ THROMBOSIS, complications/  
TRANSPLANTATION, AUTOLOGOUS
1895. Freeburg PW: Rapid fluorescent-antibody stain  
technique with group A streptococci.  
Appl Microbiol 19:940-2, Jun 70  
\*ANTIGENS, analysis/ \*FLUORESCENT  
ANTIBODY TECHNIC/ IMMUNE SERUMS/  
MICROSCOPY, FLUORESCENCE/ RABBITS/  
SEROTYPING/ \*STREPTOCOCCUS,  
immunology/ TRYPSIN
1896. Freedman HJ, Roschlau WH: Some factors influencing  
the toxicity of thrombolytic enzymes (Brinase).  
Canad J Physiol Pharmacol 48:69-76, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE,  
drug effects/ DEPRESSION, CHEMICAL/  
DOGS/ FEMALE/ FIBRINOLYTIC AGENTS,  
administration & dosage/ \*FIBRINOLYTIC  
AGENTS, toxicity/ INJECTIONS,  
INTRAVENOUS/ MALE/ SEX FACTORS/  
SOMATOTYPES/ TIME FACTORS
1897. Freedman P, Meister HP, De la Paz A, et al: The clinical,  
functional, and histologic response to heparin in  
chronic renal disease. Invest Urol 7:398-409, Mar 70  
ADOLESCENCE/ ADULT/ ALOPECIA,  
chemically induced/ BIOPSY/ BLOOD  
PROTEINS, analysis/ BLOOD UREA  
NITROGEN/ CHRONIC DISEASE/  
CREATININE, metabolism/ FEMALE/  
GLOMERULONEPHRITIS, drug therapy/  
HEMORRHAGE, GASTROINTESTINAL,  
chemically induced/ HEPARIN,  
adverse effects/ \*HEPARIN, therapeutic use/  
HUMAN/ KIDNEY, drug effects/ KIDNEY,  
pathology/ \*KIDNEY DISEASES, drug therapy/  
KIDNEY DISEASES, pathology/ MALE/  
MIDDLE AGE/ MUSCULAR DISEASES,  
chemically induced/ PROTEINURIA, drug  
therapy
1898. Freeman GC: Complications of thyroid surgery:  
current concepts of prevention and treatment.  
Surg Clin N Amer 50:409-25, Apr 70  
\*HEMATOMA, complications/ HEMORRHAGE,  
prevention & control/ HUMAN/  
\*HYPOPARATHYROIDISM, etiology/  
HYPOPARATHYROIDISM, therapy/  
LARYNGOSTENOSIS, prevention & control/  
POSTOPERATIVE COMPLICATIONS/  
SURGICAL WOUND INFECTION, prevention  
& control/ \*TETANY, etiology/  
\*THYROIDECTOMY, adverse effects/  
THYROIDECTOMY, history/ \*VOCAL CORD  
PARALYSIS, etiology
1899. Freeman HM: The lens and vitreous.  
Arch Ophthalm (Chicago) 82:551-66, Oct 69 (120 ref.)  
ADHESIONS/ ADULT/ ANIMAL  
EXPERIMENTS/ CATARACT, etiology/  
CATARACT EXTRACTION/ CHILD/  
CHOLINESTERASE INHIBITORS, adverse  
effects/ CRYOGENIC SURGERY/ ESTROGENS,  
adverse effects/ EYE DISEASES, diagnosis/  
EYE DISEASES, physiopathology/ FEMALE/  
GLAUCOMA, surgery/ HEMORRHAGE/  
HUMAN/ \*LENS, CRYSTALLINE/ LENS,  
CRYSTALLINE, abnormalities/ LENS,  
CRYSTALLINE, anatomy & histology/ LENS,  
CRYSTALLINE, embryology/ LIGHT  
COAGULATION/ MACULA LUTEA, injuries/  
MALE/ MIOTICS, adverse effects/  
POSTOPERATIVE COMPLICATIONS/  
PROGESTATIONAL HORMONES, adverse  
effects/ RABBITS/ REVIEW/ RUBELLA,  
complications/ ULTRASONICS/ \*VITREOUS  
BODY/ VITREOUS BODY, abnormalities/  
VITREOUS BODY, analysis/ VITREOUS BODY,  
anatomy & histology/ VITREOUS BODY,  
embryology/ VITREOUS BODY, surgery
1900. Freeman LM, Bernstein RG, Hayt DB: Diagnosis of  
hepatic hemangioma with combined scanning  
technique. Radiology 95:127-8, Apr 70  
\*GOLD COLLOID, RADIOACTIVE/  
\*HEMANGIOMA, diagnosis/ HUMAN/  
INJECTIONS, INTRAVENOUS/ LIVER  
CIRCULATION/ \*LIVER NEOPLASMS,  
diagnosis/ MALE/ METHODS/ MIDDLE AGE/  
\*RADIOISOTOPE SCANNING/ \*SERUM  
ALBUMIN, RADIO-IODINATED
1901. Freer ST, Kraut J, Robertus JD, et al:  
Chymotrypsinogen: 2.5-angstrom crystal structure,  
comparison with alpha-chymotrypsin, and  
implications for zymogen activation.  
Biochemistry (Wash) 9:1997-2009, 28 Apr 70  
BINDING SITES/ BROMIDES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ DIURETICS, MERCURIAL/  
ENZYME ACTIVATION/ ENZYME  
PRECURSORS/ FLUORIDES/ IONS/  
MERCURY/ MODELS, CHEMICAL/ URANIUM/  
X-RAY DIFFRACTION
1902. French PC, Holmsen H, Stormorken H: Adenine  
nucleotide metabolism of blood platelets. VII.  
ATPases: subcellular localization and behaviour  
during the thrombin-platelet interaction.  
Biochim Biophys Acta 206:438-48, 10 Jun 70  
ADENINE NUCLEOTIDES/ ADENOSINE  
TRIPHOSPHATASE, antagonists & inhibitors/  
\*ADENOSINE TRIPHOSPHATASE, metabolism/  
\*BLOOD PLATELETS, enzymology/ CALCIUM/  
CARBON ISOTOPES/ DIALYSIS/ ENZYME  
ACTIVATION/ HUMAN/ KINETICS/  
MAGNESIUM/ MUSCLE PROTEINS/  
OUABAIN/ PHOSPHORUS ISOTOPES/  
\*THROMBIN
1903. French WE: Chronic duodenal obstruction.  
Amer J Surg 120:23-6, Jul 70  
ADULT/ AGED/ BILE DUCT NEOPLASMS,  
complications/ \*DUODENAL OBSTRUCTION,  
congenital/ \*DUODENAL OBSTRUCTION,  
radiography/ HEMATOMA, complications/  
HUMAN/ INTESTINAL NEOPLASMS,  
complications/ MESENTERIC CYST,  
complications/ MESENTERIC VASCULAR  
OCCLUSION, complications/ MIDDLE AGE/  
PANCREAS, abnormalities/ PANCREATIC  
NEOPLASMS



# AUTHOR SECTION

1904. French WE: Completely severed left lobe of liver by trauma: case report. *Amer Surg* 36:459, Jul 70  
\*ABDOMINAL INJURIES, surgery/ CASE  
REPORT/ CHILD/ HEMOPERITONEUM,  
etiology/ HEMOSTASIS/ HEPATECTOMY/  
HEPATIC ARTERY, surgery/ HUMAN/  
\*LIVER, injuries/ MALE
1905. Frexinos J, Ribet A: Etude histoenzymologique du pancréas exocrine. I. Revue générale.  
*Ann Histochim* 14:103-15, Apr-Jun 69 (Fre)  
AMINOTRANSFERASES, analysis/ ANIMAL  
EXPERIMENTS/ DEOXYRIBONUCLEASE,  
analysis/ ENGLISH ABSTRACT/ ESTERASES,  
analysis/ GLUCOSIDASE, analysis/ HUMAN/  
LIPASE, analysis/ NEURONS, enzymology/  
OXIDOREDUCTASES, analysis/ \*PANCREAS,  
enzymology/ PANCREAS, secretion/ PEPTIDE  
HYDROLASES, analysis/ PHOSPHATASES,  
analysis/ REVIEW/ RIBONUCLEASE, analysis/  
SULFATASES, analysis
1906. Freycon F, David M, Guilbaud P: Le purpura thrombocytopénique idiopathique chronique de l'enfant. A propos de 28 observations.  
*Pédiatrie* 24:951-72, Dec 69 (Fre)  
ADOLESCENCE/ CHILD/ CHILD,  
PRESCHOOL/ CHRONIC DISEASE/ FEMALE/  
HUMAN/ MALE/ PROGNOSIS/ \*PURPURA,  
THROMBOPENIC/ PURPURA,  
THROMBOPENIC, diagnosis/ PURPURA,  
THROMBOPENIC, drug therapy/ PURPURA,  
THROMBOPENIC, occurrence/ PURPURA,  
THROMBOPENIC, therapy/ SPLENECTOMY
1907. Friedberg F, Riesz P: Acetic and propionic acid production from gamma-irradiated dry proteins.  
*Radiat Res* 42:446-50, Jun 70  
\*ACETIC ACIDS, biosynthesis/ ALANINE,  
radiation effects/ CHROMATOGRAPHY, GAS/  
CHYMOTRYPSIN, radiation effects/ COBALT  
ISOTOPES/ FIBROIN, radiation effects/  
GLYCINE, radiation effects/ \*PROPIONATES,  
biosynthesis/ \*PROTEINS, radiation effects/  
\*RADIATION EFFECTS
1908. Friedland GW, Mason R, Poole GJ: Ladd's bands in older children, adolescents, and adults.  
*Radiology* 95:363-8, May 70  
ADHESIONS, classification/ \*ADHESIONS,  
congenital/ ADHESIONS, radiography/  
ADHESIONS, surgery/ ADOLESCENCE/  
ADULT/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ DILATATION/ DUODENAL  
OBSTRUCTION, classification/ \*DUODENAL  
OBSTRUCTION, congenital/ DUODENAL  
OBSTRUCTION, radiography/ DUODENAL  
OBSTRUCTION, surgery/ FEMALE/  
FLUOROSCOPY/ GASTROINTESTINAL  
MOTILITY/ HUMAN/ INTESTINES,  
abnormalities/ MALE/ MESENTERIC  
ARTERIES
1909. Friedman GD, Wilson WS, Mosier JM, et al: Transient ischemic attacks in a community.  
*JAMA* 210:1428-34, 24 Nov 69  
AGE FACTORS/ AGED/ ANTICOAGULANTS,  
therapeutic use/ CALIFORNIA/ CEREBRAL  
EMBOLISM AND THROMBOSIS, occurrence/  
CEREBRAL EMBOLISM AND THROMBOSIS,  
prevention & control/ CEREBRAL ISCHEMIA,  
TRANSIENT, drug therapy/ CEREBRAL  
ISCHEMIA, TRANSIENT, etiology/  
\*CEREBRAL ISCHEMIA, TRANSIENT,  
occurrence/ ELECTROCARDIOGRAPHY/  
FEMALE/ HEART ENLARGEMENT,  
complications/ HUMAN/ HYPERTENSION,  
complications/ MALE/ MIDDLE AGE/  
PROGNOSIS/ RETIREMENT/ SEX FACTORS/  
TIME FACTORS
1910. Friedman LI, Liem H, Grabowski EF, et al: Inconsequentiality of surface properties for initial platelet adhesion.  
*Trans Amer Soc Artif Intern Organs* 16:63-73, 1970  
ANIMAL EXPERIMENTS/ BLOOD FLOW  
VELOCITY/ \*BLOOD PLATELETS/ DOGS/  
EXTRACORPOREAL CIRCULATION/  
FEMALE/ HEPARIN, pharmacodynamics/  
MALE/ MATHEMATICS/ \*MODELS,  
THEORETICAL/ PLATELET ADHESIVENESS/  
PLATELET ADHESIVENESS, drug effects/  
\*SURFACE PROPERTIES/ \*THROMBOSIS,  
etiology/ TIME FACTORS
1911. Friefeld DM: Successful outcome of pulmonary embolism in the first trimester of pregnancy.  
*J Louisiana Med Soc* 122:177-9, Jun 70  
ADULT/ \*ANTICOAGULANTS,  
therapeutic use/ FEMALE/ GESTATIONAL  
AGE/ HUMAN/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR, drug  
therapy/ \*PULMONARY EMBOLISM, drug  
therapy
1912. Friend JR, Kakkar VV: The diagnosis of deep vein thrombosis in the puerperium.  
*J Obstet Gynaec Brit Comm* 77:820-3, Sep 70  
ADULT/ FEMALE/ FIBRINOGEN/ HUMAN/  
IODINE ISOTOPES, DIAGNOSTIC/ LEG/  
PHLEBOGRAPHY/ PREGNANCY/  
\*PUERPERAL DISORDERS, diagnosis/  
RADIOISOTOPE SCANNING/  
\*THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, radiography
1913. Friese G: Die Behandlung der schweren Coronarinsuffizienz mit Carbochromen.  
*Arzneimittelforschung* 20:451-3, Mar 70 (Ger)  
ANGINA PECTORIS, chemically induced/  
\*ANGINA PECTORIS, drug therapy/  
ANTICOAGULANTS, therapeutic use/  
\*CORONARY DISEASE, drug therapy/  
ENGLISH ABSTRACT/ ERYTHEMA,  
chemically induced/ FEMALE/ HEADACHE,  
chemically induced/ HUMAN/ INFUSIONS,  
PARENTERAL/ INJECTIONS, INTRAVENOUS/  
MALE/ \*MYOCARDIAL INFARCT, drug  
therapy/ MYOCARDIAL INFARCT, prevention  
& control/ NAUSEA, chemically induced/  
SWEATING, drug effects/ TIME FACTORS/  
VASODILATOR AGENTS, administration &  
dosage/ VASODILATOR AGENTS, adverse  
effects/ \*VASODILATOR AGENTS, therapeutic  
use/ VOMITING, chemically induced
1914. Frimmer D, Creger WP: Heparin and hemolytic anemia.  
*Amer J Med Sci* 259:412-8, Jun 70  
ADRENAL CORTEX HORMONES, therapeutic  
use/ ADULT/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, blood/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, complications/ \*ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, drug therapy/  
CHROMIUM ISOTOPES/ COOMBS' TEST/  
ERYTHROCYTE AGING/ HEMOLYSIS/  
\*HEPARIN, therapeutic use/ HODGKIN'S  
DISEASE, complications/ HUMAN/ MALE/  
SPLENECTOMY/ VINBLASTINE, therapeutic  
use
1915. Frimmer M, Hegner D, Schischke B, et al: Beeinflussung der Masugi-Nephritis durch Cu-Chlorophyllin.  
*Naunyn Schmiedeberg Arch Pharm* 266:223-35, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BASEMENT  
MEMBRANE, drug effects/ CATTLE/  
\*CHLOROPHYLL, pharmacodynamics/  
COPPER/ DEPRESSION, CHEMICAL/  
ENGLISH ABSTRACT/  
GLOMERULONEPHRITIS, immunology/  
\*GLOMERULONEPHRITIS, metabolism/  
HEMOGLOBIN, metabolism/ \*IMMUNE  
SERUMS, antagonists & inhibitors/ IMMUNE  
SERUMS, toxicity/ \*LEUKOCYTES,  
enzymology/ LYSOSOMES, drug effects/  
LYSOSOMES, enzymology/  
\*ORGANOMETALLIC COMPOUNDS,  
pharmacodynamics/ \*PEPTIDE HYDROLASES,  
antagonists & inhibitors/ PEPTIDE  
HYDROLASES, blood/ RABBITS/ RATS
1916. Frische LE: Rectushaematoma hos gravid patient.  
*Ugeskr Laeg* 131:1845-6, 23 Oct 69 (Dan)  
\*ABDOMINAL WALL, pathology/ ADULT/  
CESAREAN SECTION/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMATOMA/ HEMATOMA,  
diagnosis/ HEMATOMA, etiology/ HUMAN/  
LAPAROTOMY/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS



# AUTHOR SECTION

1917. Frisius H, Rücker G: Klinik und Therapie langstreckiger Verschlüsse der Vena cava inferior. *Deutsch Med Wschr* 95:1681-9 passim, 14 Aug 70 (Ger)  
ADOLESCENCE/ ADULT/ ALDOSTERONE, antagonists & inhibitors/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ ASCITIC FLUID, analysis/ BILIRUBIN, blood/ BLOOD PROTEINS, analysis/ BODY WEIGHT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ NITROGEN, urine/ PROTEINURIA, diagnosis/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, enzymology/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ \*THROMBOPHLEBITIS, therapy/ THROMBOPHLEBITIS, urine/ \*VENA CAVA, INFERIOR
1918. Fritsche M, Hanson H: Über die Lokalisation von Exopeptidasen in *Bacillus brevis*. *Acta Biol Med German* 22:519-23, 1969 (Ger)  
\*AMIDOHYDROLASES, metabolism/ AMINOPEPTIDASES, metabolism/ \*BACILLUS, enzymology/ CELL MEMBRANE, enzymology/ CELL WALL, enzymology/ CYTOPLASM, enzymology/ DIPEPTIDASES, metabolism/ ENGLISH ABSTRACT/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, metabolism
1919. Fritz H, Brey B, Schmal A, et al: Zur Identität des Progressiv-Antikallikreins mit alpha1-Antitrypsin aus Humanserum. *Hoppe Seyler Z Physiol Chem* 350:1551-5, Dec 69 (Ger)  
\*ALPHA GLOBULIN/ CHEMISTRY/ ENGLISH ABSTRACT/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, blood/ PANCREAS/ RATS/ SWINE/ \*TRYPSIN INHIBITORS, blood
1920. Fritz H, Gebhardt M, Meister R, et al: Zur Isolierung von Proteaseinhibitoren mit wasserunlöslichen Trypsin-Celluloseharzen. *Hoppe Seyler Z Physiol Chem* 351:571-4, May 70 (Ger)  
ANIMAL EXPERIMENTS/ BENZOATES/ CATTLE/ \*CELLULOSE/ ENGLISH ABSTRACT/ GUANIDINES/ LEECHES/ NITROPHENOLS/ PANCREAS/ PEANUTS/ \*RESINS/ SOY BEANS/ SWINE/ \*TRYPSIN/ \*TRYPSIN INHIBITORS, isolation & purification/ WHEAT
1921. Fritz H, Greff B, Schramm W, et al: Zur Identität des polyvalenten Proteaseinhibitors aus Schafslunge mit dem Trypsin-Kallikrein-Inhibitor aus Rinderorganen. *Hoppe Seyler Z Physiol Chem* 351:139-44, Feb 70 (Ger)  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ \*KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ \*LUNG/ METHYLCELLULOSE/ SHEEP
1922. Fritz H, Oppitz KH, Meckl D, et al: Vertellung und Ausscheidung von natürlich vorkommenden und chemisch modifizierten Proteaseinhibitoren nach intravenöser Injektion bei Ratte, Hund (und Mensch) *Hoppe Seyler Z Physiol Chem* 350:1541-50, Dec 69 (Ger)  
ANIMAL EXPERIMENTS/ CATTLE/ DOGS/ ENGLISH ABSTRACT/ HIRUDIN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ \*KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, urine/ KIDNEY, metabolism/ LUNG/ PANCREAS/ RATS/ SHEEP/ SWINE
1923. Fritz H, Schramm W, Greff B, et al: Isolierung des Trypsininhibitors aus Schafspankreas, Verhalten gegenüber proteolytischen Enzymen. *Hoppe Seyler Z Physiol Chem* 351:145-50, Feb 70 (Ger)  
ADSORPTION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ENGLISH ABSTRACT/ GEL FILTRATION/ \*PANCREAS, analysis/ SHEEP/ TRYPSIN/ TRYPSIN INHIBITORS, analysis/ \*TRYPSIN INHIBITORS, isolation & purification
1924. Fritz H, Schult H, Meister R, et al: Herstellung und Eigenschaften von aktiven Derivaten des Trypsin-Kallikrein-Inhibitors aus Rinderorganen. *Hoppe Seyler Z Physiol Chem* 350:1531-40, Dec 69 (Ger)  
ARGININE/ CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FIBRINOLYSIN/ GEL FILTRATION/ \*KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ LUNG/ LYSINE/ MALEATES/ PANCREAS/ PEPTIDES
1925. Fritz JC: Vitamin K deficiency in chicks fed practical diets. *Poult Sci* 48:736-7, Mar 69  
DIET, veterinary/ \*POULTRY DISEASES, etiology/ VITAMIN K DEFICIENCY, etiology/ \*VITAMIN K DEFICIENCY, veterinary
1926. Froese P: Antikoagulantien-Dauertherapie und Heparinzufuhr bei Langzeitdialysen. *Klin Wschr* 47:1111-2, 15 Oct 69 (Ger)  
ADULT/ \*ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION TESTS/ COUMARINS, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ \*HEMODIALYSIS/ \*HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPLASTIN/ TIME FACTORS
1927. Fröhlich G: Kongenitale Angiodysplasie. *Med Klin* 64:1585-8, 5 Sep 69 (Ger)  
ADULT/ \*ANGIOMATOSIS, congenital/ ANGIOMATOSIS, radiography/ FEMALE/ FOREARM, blood supply/ HUMAN/ PHLEBOGRAPHY/ VEINS, abnormalities
1928. From AA, Vorob'eva AA, Milent'eva SV, et al: Poluchenie fibrinogena iz "nestandartnoi" plazmy. *Probl Gemat* 13:47-8, May 68 (Rus)  
\*CHEMISTRY, ANALYTICAL/ ENGLISH ABSTRACT/ \*FIBRINOGEN, isolation & purification/ HUMAN/ METHODS/ \*PLASMA, analysis
1929. Frost H: Zur Pathogenese obliterierender Arterienprozesse bei Hypercholesterinämie. *Thromb Diath Haemorrh* 22:351-9, 15 Nov 69 (Ger)  
ANIMAL EXPERIMENTS/ AORTA, pathology/ \*ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ \*BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ CAROTID ARTERIES, pathology/ CHOLESTEROL/ DIET, ATHEROGENIC/ FATTY STREAK, ARTERIAL/ \*HYPERCHOLESTEREMIA, complications/ HYPERCHOLESTEREMIA, pathology/ LIPIDS, metabolism/ MALE/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RABBITS
1930. Frost H, Hess H: Untersuchungen zur Pathogenese der arteriellen Verschlusskrankheiten. II. Beobachtungen mit dem Raster-Elektronenmikroskop über die Reparation von Endotheldefekten an Arterien. *Klin Wschr* 47:245-9, 1 Mar 69 (Ger)  
ANIMAL EXPERIMENTS/ \*ARTERIES, physiopathology/ ARTERIOSCLEROSIS, etiology/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FIBRIN/ METHODS/ \*MICROSCOPY, ELECTRON, instrumentation/ RABBITS/ THROMBOSIS, etiology/ TIME FACTORS/ \*VASCULAR DISEASES, etiology
1931. Frost H, Hess H: Untersuchungen zur Pathogenese der arteriellen Verschlusskrankheiten. 3. Ein Modell zum



# AUTHOR SECTION

- Studium der Pathogenese der Kälteangitis.  
Klin Wschr 47:507-10, 15 May 69 (Ger)  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL, pathology/ BLOOD PLATELETS/  
CAROTID ARTERIES, pathology/ \*COLD,  
adverse effects/ DISEASE MODELS, ANIMAL/  
ENGLISH ABSTRACT/ ERYTHROCYTES/  
FIBRIN/ INFLAMMATION/ MICROSCOPY,  
ELECTRON, SCANNING/ RABBITS/  
\*VASCULAR DISEASES, etiology
1932. Fruchter RG, Jackson SA, Mole LE, et al: Sequence studies of the Fd section of the heavy chain of rabbit immunoglobulin G. Biochem J 116:249-59, Jan 70  
\*AMINO ACID SEQUENCE/  
CHROMATOGRAPHY/ CHYMOTRYPSIN/  
\*GAMMA GLOBULIN, 7S, analysis/ PEPTIDES,  
analysis/ RABBITS/ TRYPSIN
1933. Fruhmenn G: Therapie des Cor pulmonale.  
Med Klin 64:2324-8, 12 Dec 69 (17 ref.) (Ger)  
ACUTE DISEASE/ AEROSOLS, therapeutic use/  
ANTIBIOTICS, therapeutic use/  
ANTICOAGULANTS, therapeutic use/  
BRONCHITIS, drug therapy/  
BRONCHODILATOR AGENTS, therapeutic use/  
CHRONIC DISEASE/ DIGITALIS  
GLYCOSIDES, therapeutic use/ DIURETICS,  
therapeutic use/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ HYPERTENSION,  
PULMONARY, therapy/ OXYGEN  
INHALATION THERAPY/ PULMONARY  
HEART DISEASE/ \*PULMONARY HEART  
DISEASE, therapy/ REST/ REVIEW/ SHOCK,  
drug therapy
1934. Fry HJ: The pathology and treatment of haematoma of the nasal septum. Brit J Plast Surg 22:331-5, Oct 69  
ADULT/ ANTIBIOTICS, administration &  
dosage/ CARTILAGE DISEASES, enzymology/  
CHILD/ CHILD, PRESCHOOL/  
CLOSTRIDIOPEPTIDASE A, metabolism/  
DRAINAGE/ FEMALE/ HEMATOMA, drug  
therapy/ HEMATOMA, pathology/  
\*HEMATOMA, surgery/ HUMAN/ MALE/  
\*NASAL SEPTUM, surgery
1935. Fryjordet A Jr: Renal angiolipoma. Report of a case. Scand J Urol Nephrol 3:69-71, 1969  
ANGIOGRAPHY/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ \*HEMANGIOMA/  
HEMANGIOMA, complications/ HEMANGIOMA,  
radiography/ HEMANGIOMA, surgery/  
HEMATURIA, etiology/ HUMAN/ \*KIDNEY  
NEOPLASMS/ KIDNEY NEOPLASMS,  
complications/ KIDNEY NEOPLASMS,  
radiography/ KIDNEY NEOPLASMS, surgery/  
\*LIPOMA/ LIPOMA, complications/ LIPOMA,  
radiography/ LIPOMA, surgery/ MIDDLE AGE/  
NEPHRECTOMY/ PROGNOSIS
1936. Fujii S, Tsutsumi K: [Kinin derivatives and plasmin] J Jap Med Ass 63:924-32, 1 Apr 70 (Jap)  
\*FIBRINOLYSIN, blood/ HUMAN/  
\*KALLIKREIN, blood
1937. Fujii T: [Increased fibrinolysis of cerebro-spinal fluid in dogs with the intracranial paraffin clot (hematoma-model)] J Physiol Soc Jap 32:265-74, 1970 (Jap)  
ANIMAL EXPERIMENTS/ \*CEREBRAL  
HEMORRHAGE, cerebrospinal fluid/  
CEREBRAL HEMORRHAGE, chemically  
induced/ CEREBRAL HEMORRHAGE, surgery/  
CRANIOTOMY/ DISEASE MODELS, ANIMAL/  
DOGS/ ENGLISH ABSTRACT/  
FIBRINOLYSIS/ \*HEMATOMA, cerebrospinal  
fluid/ HEMATOMA, chemically induced/  
HEMATOMA, mortality/ HEMATOMA, surgery/  
HEMOGLOBIN, cerebrospinal fluid/  
INJECTIONS/ \*PARAFFIN
1938. Fujimaki M, Yasui T: [Assay procedures of blood coagulation factors. Phase I] Jap J Clin Path 16:Suppl 16:75-84, 1969 (Jap)  
\*BLOOD COAGULATION FACTORS, analysis/  
\*BLOOD COAGULATION TESTS/ DIAGNOSIS,  
DIFFERENTIAL/ FACTOR IX, analysis/  
FACTOR XIII, analysis/ HEMOPHILIA,  
diagnosis/ HUMAN/ METHODS/  
THROMBOPLASTIN, analysis
1939. Fujimoto D: The effect of acetylation on the stability of collagen fiber. Blochim Biophys Acta 200:172-4, 20 Jan 70  
\*ACETATES/ ACHILLES TENDON/ CATTLE/  
CHEMISTRY/ \*COLLAGEN/ PEPTIDE  
HYDROLASES/ SOLUBILITY
1940. Fujinami T, Okumura Y, Kawazu T, et al: [Findings in intracutaneous injection of eledoisin-like substance and physalaemin. Supplement: reaction and neuromorphological changes of the dermal peripheral nerves] Jap J Allerg 19:637-40, Aug 70 (Jap)  
ACETYLCHOLINE/ ADOLESCENCE/ ADULT/  
\*ANTIHISTAMINICS, therapeutic use/  
\*AZEPINES, therapeutic use/ BRADYKININ/  
COMPOUND 48-80/ CREATININE/  
\*ELEDOSIN/ ENGLISH ABSTRACT/  
FEMALE/ FIBRINOLYSIN/ HISTAMINE/  
HUMAN/ INJECTIONS, INTRADERMAL/  
MALE/ MIDDLE AGE/ \*PEPTIDES/  
PERIPHERAL NERVES, pathology/  
SEROTONIN/ SKIN, innervation/ \*SKIN  
TESTS/ TABLETS/ URTICARIA, chemically  
induced/ \*URTICARIA, drug therapy
1941. Fujita K, Kamei K, Fujita T, et al: Purification of Toxoplasma antigen for hemagglutination tests. Amer J Trop Med 18:892-901, Nov 69  
ANIMAL EXPERIMENTS/ \*ANTIGENS,  
isolation & purification/ CENTRIFUGATION/  
CENTRIFUGATION, DENSITY GRADIENT/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
GEL FILTRATION/ HEMAGGLUTINATION  
INHIBITION TESTS/ \*HEMAGGLUTINATION  
TESTS/ IMMUNOELECTROPHORESIS/  
METHODS/ MICE/ SPECTRUM ANALYSIS/  
\*TOXOPLASMA, immunology/ TRYPSIN,  
pharmacodynamics/ ULTRAVIOLET RAYS
1942. Fujiwara A, Landau JW, Newcomer VD: Preliminary characterization of the hemolysin of Rhizopus Nigricans. Mycopathologia 40:139-44, 1970  
ALCOHOL, ETHYL/ ALCOHOL, METHYL/  
AMMONIUM COMPOUNDS/ CULTURE  
MEDIA/ DIALYSIS/ ERYTHROCYTES,  
immunology/ ETHYL ETHER/ GUINEA PIGS/  
HEAT/ \*HEMOLYSINS/ HEMOLYSINS,  
isolation & purification/ HEMOLYSIS/ LIPIDS,  
isolation & purification/ PRECIPITATION/  
RHIZOPUS, growth & development/  
\*RHIZOPUS, metabolism/ SULFATES/  
TRYPSIN, metabolism
1943. Fujiwara N: [Amino acid substitution in HbAtago, an abnormal human hemoglobin] J Jap Blochem Soc 42:341-9, Jul 70 (Jap)  
ADULT/ \*AMINO ACID SEQUENCE/ AMINO  
ACIDS, analysis/ CHROMATOGRAPHY/  
CHYMOTRYPSIN/ ELECTROPHORESIS/  
FEMALE/ \*HEMOGLOBINS, ABNORMAL,  
analysis/ HUMAN/ TRYPSIN
1944. Fukada E, Date M, Kaibara M: The dynamic viscoelasticity of blood during coagulation. Biorheology 6:247, Jan 70  
\*BLOOD COAGULATION/ \*BLOOD  
VISCOSITY/ ELASTICITY/ PLASMA
1945. Fukui H: [Afibrinogenemia and dysfibrinogenemia] Jap J Clin Med 28:2086-91, Aug 70 (16 ref.) (Jap)  
ADOLESCENCE/ ADULT/  
\*AFIBRINOGENEMIA/ AFIBRINOGENEMIA,  
congenital/ AFIBRINOGENEMIA, diagnosis/  
AFIBRINOGENEMIA, etiology/ \*BLOOD  
COAGULATION DISORDERS/ BLOOD  
COAGULATION DISORDERS, congenital/  
BLOOD COAGULATION TESTS/ CHEMISTRY/  
CHILD/ CHILD, PRESCHOOL/ FACTOR XIII,  
analysis/ FEMALE/ \*FIBRINOGEN/ HUMAN/  
MALE/ MIDDLE AGE/ REVIEW
1946. Fukui I: [Hyperlipemia in endocrine diseases, especially in diabetes mellitus] Jap J Clin Path 18:237-44, Apr 70 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD SUGAR,  
metabolism/ CHOLESTEROL, metabolism/  
\*DIABETES MELLITUS, complications/



# AUTHOR SECTION

- DIABETES MELLITUS, metabolism/ DOGS/  
FATTY ACIDS, metabolism/ HUMAN/  
\*HYPERLIPIDEMIA, complications/ LIPIDS,  
blood/ LIPOPROTEIN LIPASE, blood/ OILS,  
diagnostic use
1947. Fukusumi H, Adolph RJ: Effect of dextran exchange upon the immersion hypothermic heart. J Thorac Cardiovasc Surg 59:251-63, Feb 70  
ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ BLOOD FLOW VELOCITY/  
\*BLOOD VISCOSITY, drug effects/ BLOOD VOLUME/ BODY TEMPERATURE/  
CORONARY VESSELS/ \*DEXTRAN, pharmacodynamics/ DOGS/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ HEMATOCRIT/ HYDROGEN-ION CONCENTRATION/ \*HYPOTHERMIA, INDUCED/ MALE/ MICROCIRCULATION/ MYOCARDIUM, metabolism/ TIME FACTORS/ VENTRICULAR FIBRILLATION, etiology
1948. Fukutake K, Fujimaki M, Hashimoto Y, et al: [Rotating intermittent coagulometer] Jap J Clin Path 18:443-6, Jun 70 (Jap)  
\*BLOOD COAGULATION TESTS, instrumentation/ FEMALE/ HEMOPHILIA, blood/ HUMAN/ MALE
1949. Fukutake K, Yasui T, Hotta Y, et al: Effects of plasmin on human platelets. Acta Haemat Jap 32:58-62, Feb 69  
\*BLOOD PLATELETS/ \*FIBRINOLYSIS/ GEL FILTRATION/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY
1950. Fukuyama Y: Diagnosis and treatment of epilepsy. Acta Paediat Jap 72:1462-83, 1 Oct 68 (25 ref.)  
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, administration & dosage/ DIAZEPAM, therapeutic use/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, classification/ \*EPILEPSY, diagnosis/ \*EPILEPSY, drug therapy/ EPILEPSY, occurrence/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ INJECTIONS, INTRAMUSCULAR/ JAPAN/ MALE/ MIDDLE AGE/ REVIEW/ SEX FACTORS
1951. Fukuzawa H: [Basic studies on antibiotic therapy for experimental purulent uveitis] Acta Soc Ophthal Jap 73:1280-98, Aug 69 (Jap)  
ANIMAL EXPERIMENTS/ AQUEOUS HUMOR, metabolism/ BIOLOGICAL TRANSPORT/ CHYMOTRYPSIN, therapeutic use/ CILIARY BODY, microbiology/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ IRIS, microbiology/ \*PENICILLIN G, therapeutic use/ RABBITS/ SUPPURATION, drug therapy/ \*UVEITIS, drug therapy
1952. Fuleihan FM, Cordonnier JJ: Hemangioma of the bladder: report of a case and review of the literature. J Urol 102:581-5, Nov 69  
ADOLESCENCE/ BLADDER NEOPLASMS, pathology/ \*BLADDER NEOPLASMS, surgery/ FEMALE/ HEMANGIOMA, CAVERNOUS, pathology/ \*HEMANGIOMA, CAVERNOUS, surgery/ HEMATURIA, etiology/ HUMAN
1953. Fulghum DD: The skin and the prostaglandins. Arch Derm (Chicago) 102:225-6, Aug 70 (16 ref.)  
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ EDEMA, chemically induced/ ERYTHEMA, chemically induced/ HUMAN/ PROSTAGLANDINS, adverse effects/ \*PROSTAGLANDINS, pharmacodynamics/ REVIEW/ SKIN, blood supply/ \*SKIN, drug effects
1954. Fuller AM, Quinn JA: Post tonsillectomy and adenoidectomy hemorrhage. Report of an unsuspected case of "mild" hemophilia A. Arch Otolaryng (Chicago) 91:296-8, Mar 70  
\*ADENOIDECTOMY/ BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ BLOOD
- TRANSFUSION/ CHILD/ FACTOR VIII, analysis/ \*HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ HEMORRHAGE, therapy/ HUMAN/ MALE/ PLASMA/ PREOPERATIVE CARE/ \*TONSILLECTOMY
1955. Furnas DW, Soper RT, Nickman NJ, et al: Congenital hemihypertrophy of the face: impersonator of childhood facial tumors. J Pediatr Surg 5:344-8, Jun 70  
ABNORMALITIES, surgery/ CHILD, PRESCHOOL/ DENTITION/ \*FACE, abnormalities/ \*FACIAL NEOPLASMS, diagnosis/ FACIAL NEOPLASMS, surgery/ FEMALE/ HAMARTOMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ HYPERTROPHY/ INFANT/ INFANT, NEWBORN/ LIPOMA, diagnosis/ LYMPHANGIOMA, diagnosis/ MALE/ MENINGOCELE, complications/ NEUROFIBROMATOSIS, diagnosis
1956. Fürstenberg H, Bussmann JF: Einfluss der Fibrinolyse auf mögliche thrombocytaire Funktionsstörungen. Langenbecks Arch Chir 325:361-4, 1969 (Ger)  
AMINOCAPROIC ACID, therapeutic use/ \*BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS/ HEMORRHAGE, drug therapy/ \*HEMORRHAGE, etiology/ HUMAN/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ \*POSTOPERATIVE COMPLICATIONS, etiology/ \*PROSTATECTOMY/ PROSTATIC HYPERTROPHY, surgery/ PROSTATIC NEOPLASMS, surgery/ PROTHROMBIN TIME/ THROMBOPLASTIN
1957. Furtado JS: The fibrin clot; a medium for supporting loose cells and delicate structures during processing for microscopy. Stain Techn 45:19-23, Jan 70  
\*FIBRIN/ FUNGI/ \*HISTOLOGICAL TECHNIQS/ MICROSCOPY/ SARCODINA/ THROMBIN
1958. Furuhjelm U, Myllylä G, Nevanlinna HR, et al: The red cell phenotype En(a-) and anti-Ena: serological and physicochemical aspects. Vox Sang 17:256-78, Oct 69  
AGED/ ANTIGENS, analysis/ BINDING SITES/ \*BLOOD GROUPS/ BLOOD TRANSFUSION/ CHYMOTRYPSIN/ CONSANGUINITY/ ELECTROPHORESIS/ ERYTHROCYTES, analysis/ \*ERYTHROCYTES, immunology/ \*GENES, RECESSIVE/ GENETICS, BIOCHEMICAL/ GENETICS, HUMAN/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNIZATION/ MALE/ NEURAMINIC ACIDS, analysis/ NEURAMINIDASE/ PEDIGREE/ \*PHENOTYPE PLANT AGGLUTININS/ RH FACTORS/ TRYPSIN/ UMBILICAL CORD, immunology
1959. Furuta K: [Immunoelectrophoretic study of circulating blood] Jap J Leg Med 23:294-8, Jul 69 (Jap)  
BLOOD PROTEINS, analysis/ \*DEATH, SUDDEN/ \*FIBRINOGEN, analysis/ HUMAN/ \*IMMUNOELECTROPHORESIS/ \*THROMBIN, analysis
1960. Fusejima S: [2 cases suspected to be traumatic adhesion of the uterus following induced abortion] Sanfujin Jissai 18:993-5, Oct 69 (Jap)  
\*ABORTION, THERAPEUTIC, adverse effects/ \*ADHESIONS, etiology/ ADULT/ APPENDICITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ \*POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PREGNANCY, ECTOPIC, diagnosis/ \*UTERINE DISEASES, etiology
1961. Futai M: [Liver lysosomes in rats--present status of biochemical study] Protein (Tokyo) 14:564-72, May 69 (97 ref.) (Jap)  
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ ESTERASES, analysis/ GLYCOSIDE HYDROLASES, analysis/ KINETICS/ \*LIVER, cytology/ LIVER, enzymology/ \*LYSOSOMES/ LYSOSOMES,



## AUTHOR SECTION

- analysis/ LYSOSOMES, enzymology/  
MEMBRANES, analysis/ MICROSCOPY,  
ELECTRON/ NUCLEOTIDYLTRANSFERASES,  
analysis/ PEPTIDE HYDROLASES, analysis/  
RATS/ REVIEW
1962. Futaki M, Tazawa M: [Surgical experience in hemophilic pseudotumor of the hand] Orthop Surg (Tokyo) 20:1391-3, Nov 69 (Jap)  
ADOLESCENCE/ ANGIOGRAPHY/ BONE AND BONES, transplantation/ BONE DISEASES, etiology/ \*BONE DISEASES, surgery/ \*FINGERS, surgery/ \*HEMOPHILIA, complications/ HUMAN/ MALE/ TRANSPLANTATION, AUTOLOGOUS
- ### G
1963. Gabel D, Hofsten B von: Some properties of a bacterial proteinase chemically fixed to agarose. Europ J Biochem 15:410-4, Sep 70  
ARTHROBACTER, enzymology/ CASEIN/ CYANIDES/ DRUG STABILITY/ ESTERASES/ HYDROGEN-ION CONCENTRATION/ MYOGLOBIN/ \*PEPTIDE HYDROLASES/ \*POLYSACCHARIDES/ TEMPERATURE
1964. Gabryelewicz A, Stasiewicz J, Proniewska W, et al: Zakrzepowo-zatorowe powikłania płucne w przebiegu ostrego zapalenia trzustki u ludzi. (Opis dwóch przypadków) Wlad Lek 23:455-60, 15 Mar 70 (Pol)  
ACUTE DISEASE/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*PANCREATITIS, complications/ \*PULMONARY EMBOLISM, complications/ THROMBOEMBOLISM, complications
1965. Gabrys A: Jamisty naczylniako-śródbłonniak krwionośny. Pol Przegl Chir 42:102-4, Jan 70 (Pol)  
CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOENDOTHELIOMA/ HUMAN/ \*LIVER NEOPLASMS/ MIDDLE AGE
1966. Gacon G: Premiers résultats de l'utilisation d'une pommade anti-inflammatoire associant phénylbutazone et alphachymotrypsine en chirurgie orthopédique. Lyon Med 222:997-1000, 30 Nov 69 (Fre)  
\*BONE DISEASES, surgery/ \*CHYMOTRYPSIN, therapeutic use/ DRUG SYNERGISM/ HUMAN/ \*INFLAMMATION, drug therapy/ INFLAMMATION, etiology/ OINTMENTS/ \*PHENYLBUTAZONE, therapeutic use/ POSTOPERATIVE COMPLICATIONS
1967. Gaertner H: Rola krwinek czerwonych w krzepnięciu krwi w świetle własnych badań. Przegl Lek 25:649-52, 1969 (Pol)  
ANEMIA, physiopathology/ \*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ ERYTHROCYTES, analysis/ \*ERYTHROCYTES, physiology/ FIBRINOGEN, analysis/ \*FIBRINOGEN, physiology/ HUMAN/ HYPEREMIA, physiopathology/ THROMBOSIS, etiology
1968. Gaertner H, Lisiewicz J, Krzeczowska E: Die Blutgerinnung bei psychisch Erkrankten unter dem Einfluss eines Elektroschocks. Folia Haemat (Leipzig) 93:443-57, 1970 (Ger)  
ANOXIA/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ \*PSYCHOSES, blood/ PSYCHOSES, INVOLUTIONAL, blood/ PSYCHOSES, INVOLUTIONAL, therapy/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ PSYCHOSES, MANIC-DEPRESSIVE, therapy/ SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, therapy/ SEX FACTORS/ \*SHOCK THERAPY, ELECTRIC, adverse effects
1969. Gagliani N, Pizzoni D: Rimozione chirurgica di un mieloplaxoma in un soggetto emofilico. Rass Trim Odont 50:293-8, Oct-Dec 69 (Ita)  
ANTICOAGULANTS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CASE REPORT/ CHILD/ FACTOR VIII, therapeutic use/ GRANULOMA, REPARATIVE GIANT CELL, pathology/ \*GRANULOMA, REPARATIVE GIANT CELL, surgery/ \*HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HEMORRHAGE, ORAL, prevention & control/ HUMAN/ JAW NEOPLASMS, complications/ JAW NEOPLASMS, pathology/ \*JAW NEOPLASMS, surgery/ MALE
1970. Gagliani N, Pizzoni D: Ulteriore contributo alla tecnica di protezione delle ferite in pazienti affetti da emofilia grave sottoposti ad estrazioni dentarie multiple. Rass Int Stomat Prat 21:17-20, Jan-Feb 70 (Ita)  
ADULT/ CASE REPORT/ \*HEMOPHILIA, complications/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ \*TOOTH EXTRACTION
1971. Gagua AM: O gemostaze pri parenkhimatoznykh krovotcheniakh. Khirurgiya (Moskva) 45:49-53, May 69 (Rus)  
\*ABDOMINAL INJURIES, complications/ ENGLISH ABSTRACT/ \*HEMORRHAGE, therapy/ \*HEMOSTASIS/ HEMOSTATICS/ HUMAN/ KIDNEY, injuries/ LIVER, injuries/ SPLEEN, injuries
1972. Gagua AM: O effektivnosti primeneniia tsiaikrina dlia ostanovki parenkhimatoznogo krovotcheniia. Eksp Khir Anest 14:30-1, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ \*HEMOSTASIS/ KIDNEY, surgery/ LIVER, surgery/ METHODS/ RATS/ SPLEEN, surgery/ \*TISSUE ADHESIVES
1973. Galloud C, Dufour R, Barsewisch B von, et al: Juvenile retinal detachment. Bibl Ophthal 79:152-82, 1969 (61 ref.)  
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, complications/ ARACHNODACTYL, complications/ CATARACT, complications/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ EYE, abnormalities/ EYE DISEASES, congenital/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ RETINA, abnormalities/ RETINA, pathology/ RETINAL DEGENERATION/ \*RETINAL DETACHMENT/ RETINAL DETACHMENT, diagnosis/ RETINAL DETACHMENT, familial & genetic/ RETINAL DETACHMENT, pathology/ REVIEW
1974. Galtonde MK, Dovey T: A rapid and direct method for the quantitative determination of tryptophan in the intact protein. Biochem J 117:907-11, May 70  
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATTLE/ HISTONES, analysis/ INDICATORS AND REAGENTS/ INSULIN, analysis/ METHODS/ MURAMIDASE, analysis/ \*PROTEINS, analysis/ RATS/ SERUM ALBUMIN, BOVINE, analysis/ SPECTROPHOTOMETRY/ TRYPSIN, analysis/ \*TRYPTOPHAN, analysis
1975. Gajdos A: La biochimie du tissu adipeux. Presse Med 78:319-23, 7 Feb 70 (Fre)  
ADIPOSE TISSUE, anatomy & histology/ ADIPOSE TISSUE, enzymology/ \*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ COENZYME A/ DIABETES MELLITUS, metabolism/ EPINEPHRINE, metabolism/ \*FATTY ACIDS, biosynthesis/ GLUCOSE, metabolism/ HUMAN/ INSULIN, metabolism/ LIPID MOBILIZATION/ LIPIDS, metabolism/ LIPOPROTEIN LIPASE/ MICE/ \*OBESITY, metabolism/ OBESITY IN DIABETES, metabolism/ \*TRIGLYCERIDES, metabolism
1976. Galeotti T, Azzì A, Chance B: The reoxidation of cytoplasmic reducing equivalents in Ehrlich ascites tumor cells. Biochim Biophys Acta 197:11-24, 13 Jan 70  
ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ ANTIMETABOLITES, pharmacodynamics/ \*CARCINOMA, EHRlich TUMOR, metabolism/ CYTOCHROMES, metabolism/ \*CYTOPLASM, metabolism/ DEPRESSION, CHEMICAL/ GLUCOSE, pharmacodynamics/ GLYCOLYSIS/ KINETICS/ MICE/ MICROSOMES, metabolism/



# AUTHOR SECTION

- MITOCHONDRIA, metabolism/ OLIGOMYCIN, pharmacodynamics/ OXIDATION-REDUCTION/ OXIDATIVE PHOSPHORYLATION, drug effects/ OXYGEN CONSUMPTION, drug effects/ POLAROGRAPHY/ POLYPLOIDY/ PYRUVATES, pharmacodynamics/ ROTENONE, antagonists & inhibitors/ ROTENONE, pharmacodynamics/ SOLUBILITY/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TEMPERATURE/ TIME FACTORS/ UNCOUPLING AGENTS/ VITAMIN K, pharmacodynamics
1977. Galera R, Greitz T: Hydrocephalus in the adult secondary to the rupture of intracranial arterial aneurysms. *J Neurosurg* 32:634-41, Jun 70  
AGE FACTORS/ \*CEREBRAL ANEURYSM, complications/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERY DISEASES, complications/ CEREBRAL VENTRICLES, pathology/ CEREBROVASCULAR CIRCULATION/ HEMATOMA, complications/ HUMAN/ \*HYDROCEPHALUS, etiology/ HYDROCEPHALUS, physiopathology/ HYPERTENSION, complications/ POSTOPERATIVE COMPLICATIONS/ SPASM, complications/ \*SUBARACHNOID HEMORRHAGE, complications/ SUBARACHNOID HEMORRHAGE, etiology/ SUBARACHNOID HEMORRHAGE, radiography
1978. Galizzi A: The coding properties of multiple tRNA for valine and leucine in hemoglobin synthesis. *Europ J Biochem* 10:561-8, Oct 69  
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COUNTERCURRENT DISTRIBUTION/ \*ESCHERICHIA COLI/ GENETIC CODE/ \*HEMOGLOBIN, biosynthesis/ \*LEUCINE, metabolism/ PEPTIDES, biosynthesis/ RABBITS/ \*RETICULOCYTES, metabolism/ \*RIBOSOMES, metabolism/ RNA, BACTERIAL/ RNA, BACTERIAL, isolation & purification/ \*RNA, SOLUBLE/ RNA, SOLUBLE, isolation & purification/ TRITUM/ TRYPSIN/ \*VALINE, metabolism
1979. Gallimore MJ, Shaw JT: The influence of various plasma components on the lysis of dilute human blood clots. *Thromb Diath Haemorrh* 22:223-33, 15 Nov 69  
BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS/ CITRATES, pharmacodynamics/ FACTOR XIII, physiology/ FIBRINOGEN, physiology/ \*FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, blood/ HUMAN/ PLASMINOGEN, physiology/ THROMBIN
1980. Gallup DG, Lucas WE: Heparin treatment of consumption coagulopathy associated with intrauterine fetal death. *Obstet Gynec* 35:690-4, May 70  
ADULT/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD PLATELETS/ ELECTROCARDIOGRAPHY/ FEMALE/ \*FETAL DEATH, complications/ FETAL HEART/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ \*HEPARIN, therapeutic use/ HUMAN/ PREGNANCY/ PROTHROMBIN TIME
1981. Galper E, Gouveia OF de, Cunha M de A, et al: Hemangioendoteloma hepático. Considerações gerais. Apresentação de um caso. *Hospital (Rio)* 75:1935-41, Jun 69 (Por)  
BIOPSY/ \*HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN/ \*LIVER NEOPLASMS/ LIVER NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE
1982. Gambino SR, Waraksa AJ: An automatic instrument for the measurement of hemoglobin concentration. *Amer J Clin Path* 52:557-64, Nov 69  
AUTOMATION/ COMPARATIVE STUDY/ FIBRINOGEN/ \*HEMOGLOBINOMETRY, instrumentation/ HUMAN/ METHEMOGLOBIN/ METHODS/ PHOTOMETRY
1983. Ganchev KD, Ivanov CP: On the enzyme hydrolysis of fraction Cbeta, isolated from total zeln by means of gel filtration. *Dokl Bolg Akad Nauk* 22:1397-400, 1969  
CHYMOTRYPSIN/ ELECTROPHORESIS/ GEL FILTRATION/ PEPsin/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ \*PROTEIN HYDROLYSATES, analysis/ TRYPSIN/ \*ZEIN, analysis
1984. Gandhi B, Bazil G, Kuran L, et al: Midline lethal granuloma complicated by thrombocytopenia and pancreatitis. *Mich Med* 69:493-7, Jun 70  
CHILD/ \*GRANULOMA, LETHAL MIDLINE, complications/ HUMAN/ MALE/ \*PANCREATITIS, chemically induced/ \*RETICULOENDOTHELIOSIS, etiology/ \*THROMBOPENIA, etiology
1985. Ganrot PO: Electrophoretic separation of two thrombin inhibitors in plasma and serum. *Scand J Clin Lab Invest* 24:11-4, Aug 69  
\*ANTITHROMBIN, isolation & purification/ BLOOD PROTEIN ELECTROPHORESIS/ \*HEPARIN, isolation & purification/ HEPARIN CO-FACTOR, isolation & purification/ HUMAN/ THROMBIN, antagonists & inhibitors
1986. Ganrot PO, Laurell CB, Ohlsson K: Concentration of trypsin inhibitors of different molecular size and of albumin and haptoglobin in blood and in lymph of various organs in the dog. *Acta Physiol Scand* 79:280-6, Jun 70  
\*ALBUMINS, analysis/ ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ \*HAPTOGLOBINS, analysis/ IMMUNOELECTROPHORESIS/ LIVER, enzymology/ LUNG, enzymology/ \*LYMPH, enzymology/ MALE/ \*SERUM ALBUMIN, analysis/ \*TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, blood
1987. Ganrot PO, Niléhn JE: Prothrombin fragmentation during coagulation of whole blood and plasma. *Scand J Clin Lab Invest* 24:15-21, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD PROTEIN ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ \*PROTHROMBIN, analysis/ PROTHROMBIN TIME
1988. Gans H, Rosenberg M, Tan BH, et al: The mechanism spontaneous resolution of thromboemboli. *Surg Gynec Obstet* 130:326-32, Feb 70  
ANIMAL EXPERIMENTS/ CATTLE/ FIBRIN, metabolism/ \*FIBRINOLYSIS/ HEPARIN/ PLASMINOGEN, physiology/ \*PULMONARY EMBOLISM/ THROMBIN, physiology/ \*THROMBOEMBOLISM
1989. Gans H, Stern R, Tan BH: Effect of hepatectomy on thrombin clearance. *Ann Surg* 170:937-46, Dec  
ANIMAL EXPERIMENTS/ DOGS/ \*HEPATECTOMY/ LEUKOCYTES, metabolism/ LIVER, metabolism/ NEPHRECTOMY/ SERUM ALBUMIN, RADIO-IODINATED/ \*THROMBIN, metabolism
1990. Garbagnati N, Iaschi P, Ciavarelli F, et al: comportamento del TEG in soggetti arteriosclerotizzati con sostanze naturali mucopolisaccaridiche. *Clin Ter* 50:125-31, 31 Jul 69  
\*ARTERIOSCLEROSIS, drug therapy/ \*BLOOD COAGULATION, drug effects/ \*CEREBRAL ARTERIOSCLEROSIS, drug therapy/ HUMAN/ \*MUCOPOLYSACCHARIDES, therapeutic use/ THROMBELASTOGRAPHY
1991. Garcia-Perez A, Castro C: Algunos problemas actuales de los angiomatos infantiles. *Actas Dermosif (Madrid)* 60:171-91, May-Jun 69 (S)  
ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, congenital/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ \*SKIN NEOPLASMS, congenital/ SKIN NEOPLASM, pathology
1992. Garcia Perla A: Fermentos proteolíticos anti-inflamatorios en estomatología.



## AUTHOR SECTION

Rev Esp Estomat 17:319-28, Jul-Aug 69 (Spa)  
SPECIAL LIST DENTAL/ STREPTODORNASE  
AND STREPTOKINASE, therapeutic use

1993. García-Conde Bru FJ, Rodrigo Gomez JM: Terapéutica hemocoagulativa en las cirrrosis hepáticas. Rev Esp Enferm Apar Dig 28:695-702, May 69 (Spa)  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ASCORBIC ACID, therapeutic use/ \*BLOOD COAGULATION DISORDERS, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ \*LIVER CIRRHOSIS, complications/ VITAMIN K, therapeutic use

1994. Gårde A: Cerebrovaskulära sjukdomstillstånd. 6. Antikoagulantabehandling. Lakartidningen 66:4086-9, 1 Oct 69 (Swe)  
\*ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ \*CEREBROVASCULAR DISORDERS, drug therapy/ HUMAN

1995. Gardner RJ, Lancaster JR, Tarnay TJ, et al: Five year history of surgically treated abdominal aortic aneurysms. Surg Gynec Obstet 130:981-7, Jun 70  
ADULT/ AGED/ \*AORTA, ABDOMINAL/ AORTIC ANEURYSM, mortality/ \*AORTIC ANEURYSM, surgery/ AORTIC RUPTURE, surgery/ \*BLOOD VESSEL PROSTHESIS/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS

1996. Garel JR, Labouesse B: Binding interactions between two ligands and a monomeric protein. Study on indole, protons and chymotrypsin. J Molec Biol 47:41-56, 14 Jan 70  
ASPARTIC ACID/ BINDING SITES/ \*CHYMOTRYPSIN/ HYDROGEN-ION CONCENTRATION/ \*INDOLES/ Isoleucine/ LIGHT/ POTENTIOMETRY/ \*PROTEIN BINDING/ \*PROTONS/ ROTATION

1997. Garner R, Conning DM: The assay of human factor VII by means of modified factor VII deficient dog plasma. Brit J Haemat 18:57-66, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BRAIN/ CALCIUM CHLORIDE/ DOGS/ FACTOR V, analysis/ \*FACTOR VII, analysis/ HUMAN/ HYPOPROCONVERTINEMIA/ METHODS/ TISSUE EXTRACTS

1998. Garnier H, Meillère D, Bacourt F: Traitement chirurgical des lésions de la carotide interne extra-crânienne. A propos de 70 malades totalisant 88 interventions. J Chir (Paris) 98:171-86, Sep 69 (Fre)  
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CAROTID ARTERIES, radiography/ CAROTID ARTERY DISEASES, complications/ CAROTID ARTERY DISEASES, drug therapy/ CAROTID ARTERY DISEASES, physiopathology/ CAROTID ARTERY DISEASES, radiography/ \*CAROTID ARTERY DISEASES, surgery/ CAROTID ARTERY THROMBOSIS, surgery/ \*CEREBRAL ANEURYSM, surgery/ CEREBRAL ANOXIA, physiopathology/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS

1999. Garti I, Salinger H: Complications in brachial countercurrent arteriography and in retrograde femoral arteriography. Israel J Med Sci 5:1192-7, Nov-Dec 69  
ADOLESCENCE/ ADULT/ AGED/ \*ANGIOGRAPHY, adverse effects/ BLINDNESS/ \*BLOOD VESSELS, injuries/ \*BRACHIAL ARTERY, radiography/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ EPILEPSY, TRAUMATIC/ FEMALE/ \*FEMORAL ARTERY, radiography/ HEMATOMA/ HUMAN/ MALE/ MIDDLE AGE/ \*NEUROLOGIC MANIFESTATIONS/ PARESIS/ THROMBOSIS

2000. Garvey MB, Dennis LH, Conrad ME: Labile factor depression in scorbutic guinea pigs.

Amer J Clin Nutr 22:1423-5, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CAPILLARY FRAGILITY/ \*FACTOR V/ FACTOR V DEFICIENCY, complications/ FACTOR V DEFICIENCY, etiology/ FATTY LIVER, complications/ FATTY LIVER, pathology/ GUINEA PIGS/ \*HYPOPROTHROMBINEMIAS, complications/ LIVER, pathology/ PROTHROMBIN TIME/ \*SCURVY, blood

2001. Gates BJ, Travis J: Isolation and comparative properties of shrimp trypsin. Biochemistry (Wash) 8:4483-9, Nov 69  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN, analysis/ \*CRUSTACEA, enzymology/ DEXTRAN/ DRUG STABILITY/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ ENZYME PRECURSORS, analysis/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUOROPHATE/ \*LIVER, enzymology/ METHODS/ MOLECULAR WEIGHT/ \*PANCREAS, enzymology/ SPECIES SPECIFICITY/ \*TRYPSIN/ TRYPSIN, analysis/ TRYPSIN, isolation & purification/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION

2002. Gáti I, Nagy I, Székey JA, et al: Die Bestimmung der Steroidausscheidung und der Blutgerinnung während der normalen und toxischen Schwangerschaft. Zbl Gynaek 91:777-82, 14 Jun 69 (Ger)  
\*BLOOD COAGULATION/ ESTRIOL, urine/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ \*PREGNANCY/ PREGNANCY TOXEMIAS, blood/ \*PREGNANCY TOXEMIAS, metabolism/ PREGNANCY TOXEMIAS, urine/ PREGNANEDIOL, urine/ PREGNANETRIOL, urine/ \*STEROIDS, urine/ THROMBELASTOGRAPHY

2003. Gaum LI: Use of aminocaproic acid in oral surgery for haemophilias. Report of case. J Canad Dent Ass 35:599-602, Nov 69  
ADULT/ \*AMINOCAPROIC ACID, therapeutic use/ CASE REPORT/ \*HEMOPHILIA, drug therapy/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ MALE/ \*TOOTH EXTRACTION

2004. Gaut ZN, Solomon HM: Uptake and metabolism of nicotinic acid by human blood platelets. Effects of structure analogs and metabolic inhibitors. Biochim Biophys Acta 201:316-22, 24 Feb 70  
BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FLUORIDES, pharmacodynamics/ HUMAN/ IODOACETATES, pharmacodynamics/ KINETICS/ NAD, metabolism/ \*NICOTINAMIDE, metabolism/ \*NICOTINIC ACID, metabolism/ SALICYLATES, pharmacodynamics

2005. Gauthier R, Brochier A, Lavallée M, et al: Nouvelles contributions à l'étude des leptospiroses à la réunion. I. Etude de 70 cas dont 18 mortels: aspects cliniques et biologiques. Considérations physio-pathologiques. Bull Soc Path Exot 62:493-508, May-Jun 69 (Fre)  
AGE FACTORS/ AGGLUTINATION TESTS/ ALBUMINURIA, pathology/ ANEMIA, pathology/ ANURIA, pathology/ BLOOD COAGULATION DISORDERS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, pathology/ HEMOSTASIS/ HEPATOMEGALY, pathology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDIAN OCEAN ISLANDS/ JAUNDICE, pathology/ LEPTOSPIRA ICTEROHAEMORRHAGIAE, isolation & purification/ \*LEPTOSPIRA ICTEROHAEMORRHAGIAE, pathogenicity/ \*LEPTOSPIROSIS/ LEPTOSPIROSIS, occurrence/ LEPTOSPIROSIS, pathology/



# AUTHOR SECTION

- LEPTOSPIROSIS, physiopathology/ MALE/  
SEASONS, adverse effects/ SEX FACTORS/  
URIC ACID, metabolism/  
WATER-ELECTROLYTE BALANCE
2006. Gautvik KM, Nustad K, Vystyd J: Kininogenase activity in the stimulated submandibular salivary gland in cat. Scand J Clin Lab Invest Suppl 107:101+, 1969  
ACETYLCHOLINE, physiology/ ANIMAL  
EXPERIMENTS/ CHORDA TYMPANI NERVE, physiology/ DEPRESSION, CHEMICAL/  
\*PEPTIDE HYDROLASES, metabolism/  
\*SUBMANDIBULAR GLAND, enzymology/  
SUBMANDIBULAR GLAND, innervation
2007. Gautvik KM, Nustad K, Vystyd J: Kininogenase activity in the stimulated submandibular salivary gland in cat. Scand J Clin Lab Invest 24:Suppl 107:101+, 1969  
ACETYLCHOLINE, physiology/ ANIMAL  
EXPERIMENTS/ CHORDA TYMPANI NERVE, physiology/ DEPRESSION, CHEMICAL/  
\*PEPTIDE HYDROLASES, metabolism/  
\*SUBMANDIBULAR GLAND, enzymology/  
SUBMANDIBULAR GLAND, innervation
2008. Gavrilescu M, Barti F, Matcănu L: Cercetări asupra aterosclerozel experimentale la șobolan. Corelații între modificările biochimice-umorale și cele morfologice, vasculare. Med Intern (Bucur) 20:719-28, Jun 68 (Rum)  
ANIMAL EXPERIMENTS/ AORTA, analysis/  
AORTA, pathology/ \*ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, physiopathology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESSURE/ CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ LIPIDS, blood/  
MUCOPOLYSACCHARIDES, analysis/  
PLATELET ADHESIVENESS/ RATS
2009. Gavrilescu S, Barti F, Pop T: Semnificația clinică și biologică a fenomenului de adezivitate și agregare plachetară. Med Intern (Bucur) 21:1411-30, Dec 69 (83 ref.) (Rum)  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/  
\*BLOOD COAGULATION DISORDERS/ \*BLOOD PLATELET DISORDERS/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/  
CATECHOLAMINES, pharmacodynamics/  
DEXTRAN, pharmacodynamics/ EDTA, pharmacodynamics/  
ELECTROLYTES, pharmacodynamics/  
FATTY ACIDS, pharmacodynamics/  
GLUCOSE, pharmacodynamics/  
HORMONES, pharmacodynamics/  
HUMAN/ PLATELET ADHESIVENESS/ REVIEW/ SALICYLATES, pharmacodynamics/  
SEROTONIN, pharmacodynamics
2010. Gavrilescu S, Cristodorescu R, Nagy I, et al: Studiul unor modificări hidrodinamice la confluențe cu rol posibil în apariția și propagarea trombozel venoase. Fiziol Norm Pat 16:27-35, 1970 (Rum)  
BLOOD CIRCULATION/ \*BLOOD COAGULATION DISORDERS, complications/  
BLOOD FLOW VELOCITY/ ENGLISH ABSTRACT/ \*HEMODYNAMICS/ HUMAN/  
\*THROMBOPHLEBITIS, etiology/  
\*THROMBOSIS, etiology
2011. Gavrilov SA, Kostenko MA: Elektrokhirurgicheskiy apparat dlia koagulatsii biologicheskoi tkani i ustanovki parenkhimatoznogo krovotochenia. Grudn Khir 11:103-6, Nov-Dec 69 (Rus)  
\*ELECTROCOAGULATION, instrumentation/  
ENGLISH ABSTRACT/ \*HEMORRHAGE, therapy/  
\*HEMOSTASIS, instrumentation/  
HUMAN/ TUBERCULOSIS, PULMONARY, surgery
2012. Gay RM, Janovski NA: Cavernous hemangioma of the ovary. Gynaecologia (Basel) 168:248-57, 1969  
CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, complications/  
FEMALE/ HEMANGIOMA, CAVERNOUS, complications/  
\*HEMANGIOMA, CAVERNOUS, pathology/  
HUMAN/ OVARIAN NEOPLASMS, complications/  
\*OVARIAN NEOPLASMS, pathology
2013. Gazdowska-Nawrocka D, Chimielewska B, Pietruski J, et al: Zespół Sturge-Webera. Pol Przegl Radiol 34:305-7, May-Jun 70 (Pol)  
ADOLESCENCE/ \*ANGIOMATOSIS/ ANGIOMATOSIS, complications/  
CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, complications/  
HUMAN/ SKULL, radiography
2014. Gębala A, Ziółkowska H: Malopłytkowość w następstwie przypadkowego zatrucia medzianem 50 pec cent. Pediat Pol 45:579-84, May 70 (Pol)  
CHILD, PRESCHOOL/ \*COPPER, poisoning/  
FEMALE/ HUMAN/ \*THROMBOPENIA, chemically induced
2015. Gedigk P, Wessel W: Elektronenmikroskopische Untersuchungen an Lipopigmenten verschiedener Orgazellen nach enzymatischer Analyse und Lösungsmittelextraktion. Verh Deutsch Ges Path 53:274-7, 1969 (Ger)  
ACETONE, pharmacodynamics/  
ANIMAL EXPERIMENTS/ CHLOROFORM, pharmacodynamics/  
ENGLISH ABSTRACT/ ETHERS, pharmacodynamics/  
FERRITIN, analysis/  
HUMAN/ LEYDIG CELLS, analysis/  
LIPASE, pharmacodynamics/  
LIVER, analysis/  
MICROSCOPY, ELECTRON/ MYOCARDIUM, analysis/  
NEURONS, analysis/  
PAPAIN, pharmacodynamics/  
PEPSIN, pharmacodynamics/  
PHOSPHOLIPASE, pharmacodynamics/  
\*PIGMENTS/ PIGMENTS, analysis/  
RATS/ SOLVENTS, pharmacodynamics/  
STAINS AND STAINING/ TRYPSIN, pharmacodynamics/  
UTERUS, analysis
2016. Gehrmann G, Elbers C: Thrombopenisches Hyperspleniesyndrom bei splenomegaler Leberzirrhose. Deutsch Med Wschr 95:1429-32, 3 Jul 70 (Ger)  
BLOOD CELL COUNT/ BLOOD PLATELETS, physiopathology/  
CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/  
FEMALE/ HUMAN/ HYPERSPLENISM, blood/  
\*HYPERSPLENISM, complications/  
\*LIVER CIRRHOSIS, complications/  
MALE/ SPLENECTOMY/ STIMULATION, CHEMICAL/  
\*THROMBOPENIA, etiology/  
TIME FACTORS
2017. Geili T, Dybkaer R: The effect of linolenic acid orally on platelet adhesiveness and fibrinogen concentration. Scand J Clin Lab Invest 23:255-8, May 69  
AGED/ \*BLOOD PLATELETS, drug effects/  
CHOLESTEROL, blood/  
FATTY ACIDS, blood/  
\*FATTY ACIDS, ESSENTIAL, pharmacodynamics/  
FEMALE/ \*FIBRINOGEN, analysis/  
HUMAN/ LIVER FUNCTION TESTS/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/  
PLATELET ADHESIVENESS, drug effects
2018. Geley L, Hartl H: Massive Parenchymlutungen beim Neugeborenen. Munchen Med Wschr 111:2206-10, 24 Oct 69 (Ger)  
BLOOD COAGULATION DISORDERS, diagnosis/  
BLOOD TRANSFUSION/ CEREBRAL HEMORRHAGE, diagnosis/  
ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, diagnosis/  
HEMORRHAGE, mortality/  
HEMORRHAGE, surgery/  
\*HEMORRHAGE, GASTROINTESTINAL, diagnosis/  
HEMORRHAGE, GASTROINTESTINAL, therapy/  
HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, diagnosis/  
INFANT, NEWBORN, DISEASES, mortality/  
KIDNEY, injuries/  
LABOR COMPLICATIONS/ LABOR PRESENTATION/ LIVER, injuries/  
MALE/ PREGNANCY/ RUPTURE
2019. Gelfand DH, Hayashi M: DNA-dependent RNA-directed protein synthesis in vitro. IV. Peptide analysis of an in vitro and in vivo phi X174 structural protein. Proc Nat Acad Sci USA 67:13-7, Sep 70  
AMINO ACIDS, metabolism/  
ANTIGEN-ANTIBODY REACTIONS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COLIPHAGES/ DNA, VIRAL/ ELECTROPHORESIS/ PEPTIDES, analysis/



## AUTHOR SECTION

TRITIUM/ TRYPSIN/ \*VIRAL PROTEINS/  
VIRAL PROTEINS, biosynthesis/ VIRAL  
PROTEINS, isolation & purification

2020. Gel'fer AP, Ingerman GIu: Nabliudenie ostrogo fibrinoliza vo vremia rekonstruktivnoi operatsii na zhelukde. Klin Khir (Kiev) 5:55-7, May 70 (Rus)  
\*BLOOD COAGULATION DISORDERS/ BLOOD TRANSFUSION/ CASE REPORT/  
\*FIBRINOLYSIS/ GASTRECTOMY/ HUMAN/ MALE/ MIDDLE AGE/ \*POSTGASTRECTOMY SYNDROMES, surgery/ \*POSTOPERATIVE COMPLICATIONS/ STOMACH, blood supply/ STOMACH ULCER, surgery
2021. Geller LI: Klinika sistemnoi proliferatsii tuchnykh kletok (tuchnokletchnogo retikuloza) Klin Med (Moskva) 47:17-21, Jun 69 (116 ref.) (Rus)  
BLOOD CELL COUNT/ HEPARIN, metabolism/ HISTAMINE, metabolism/ HUMAN/ \*RETICULOENDOTHELIOSIS/ RETICULOENDOTHELIOSIS, diagnosis/ RETICULOENDOTHELIOSIS, metabolism/ REVIEW/ SEROTONIN, metabolism
2022. Geller LI: Trombotsitopenicheskaia purpura kak oslozhenie gemorragicheskoi likhoradki s pochechnym sindromom. Probl Gemat 14:58-9, Oct 69 (Rus)  
ADULT/ CASE REPORT/ \*EPIDEMIC HEMORRHAGIC FEVER, complications/ HUMAN/ MALE/ \*NEPHRITIS, complications/ \*NEPHROSIS, complications/ \*PURPURA, THROMBOPENIC, complications
2023. Geller LI, Kozlova ZP: K farmakodinamike geparina u bol'nykh sakharnym diabetom. Probl Endokr (Moskva) 15:22-4, Sep-Oct 69 (Rus)  
\*DIABETES MELLITUS/ DIABETIC ANGIOPATHIES, drug therapy/ ENGLISH ABSTRACT/ \*HEPARIN, pharmacodynamics/ HISTAMINE, blood/ HUMAN/ HYPOGLYCEMIA
2024. Gelpi AP: Fatal hepatitis in Saudi Arabian women. Amer J Gastroent 53:41-61, Jan 70  
ACUTE YELLOW ATROPHY, mortality/ ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ARABIA/ BILIRUBIN, blood/ CHILD/ FEMALE/ HEPATITIS, INFECTIOUS, drug therapy/ \*HEPATITIS, INFECTIOUS, mortality/ HEPATITIS, INFECTIOUS, occurrence/ HUMAN/ MALE/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS, mortality/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ RETROSPECTIVE STUDIES/ SEASONS/ SEX FACTORS/ TYPHOID, occurrence
2025. Gennari G, Jori G, Gallazzo G, et al: Photooxidation of alpha-chymotrypsin sensitized by the inhibitor N-acetyl-3-nitrotyrosine. J Amer Chem Soc 92:4140-1, 1 Jul 70  
BINDING SITES/ \*CHYMOTRYPSIN, antagonists & inhibitors/ LIGHT/ OXIDATION-REDUCTION/ TYROSINE
2026. Gentile JM, Avila L, Grace JT Jr: Liver regeneration. Old and new concepts. Amer J Surg 120:2-6, Jul 70  
ANIMAL EXPERIMENTS/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DNA, metabolism/ EMBRYO, cytology/ \*FIBROBLASTS, growth & development/ HEPATECTOMY/ LIVER, cytology/ LIVER, metabolism/ \*LIVER CIRCULATION/ \*LIVER REGENERATION/ MICE/ MICROSOMES, LIVER, enzymology/ MITOSIS/ RATS/ RIBONUCLEASE, pharmacodynamics/ \*RNA, blood/ RNA, metabolism/ RNA, pharmacodynamics/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics
2027. Gentilini M, Carbon C: Effect of schistosomicides on bone marrow, blood cells, and coagulation. Ann NY Acad Sci 160:783-5, 6 Oct 69  
ANTHELMINTICS, adverse effects/ \*ANTHELMINTICS, pharmacodynamics/ ANTIMONY, pharmacodynamics/ \*BLOOD CELLS, drug effects/ \*BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ \*BONE MARROW, drug effects/ EOSINOPHILS, analysis/ ERYTHROCYTE COUNT/ ERYTHROCYTES, drug effects/ HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ IMIDAZOLES, pharmacodynamics/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ MYELOGRAPHY/ THIAZOLES, pharmacodynamics
2028. George DJ, Phillips AT: Identification of alpha-ketobutyrate as the prosthetic group of urocanase from Pseudomonas putida. J Biol Chem 245:528-37, 10 Feb 70  
ACRYLATES/ AMINO ACIDS, analysis/ AMMONIUM COMPOUNDS/ \*BUTYRATES, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ DRUG STABILITY/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES/ \*KETO ACIDS, analysis/ LYASES, analysis/ METHODS/ MODELS, BIOLOGIC/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ \*OXIDOREDUCTASES/ OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, antagonists & inhibitors/ OXIDOREDUCTASES, isolation & purification/ PHENYLHYDRAZINE/ PRECIPITATION/ PROTAMINES/ \*PSEUDOMONAS, enzymology/ PYRIDOXAL PHOSPHATE, analysis/ SPECTROPHOTOMETRY/ ULTRACENTRIFUGATION
2029. Georgescu N, Cherpel L, Străjean N, et al: Valoarea hiperlipidemică, a electrocardiogramei de efort și a trombelastogramei în aprecierea "potențialului" coronarian. Med Intern (Bucur) 20:679-84, Jun 68 (Rum)  
ADULT/ \*CORONARY DISEASE, diagnosis/ ENGLISH ABSTRACT/ \*EXERCISE TEST/ HUMAN/ HYPERCHOLESTEREMIA, diagnosis/ HYPERLIPIDEMIA, diagnosis/ \*LIPIDS, blood/ \*THROMBELASTOGRAPHY
2030. Georgieva M, Bobchev T: Nashilat opit sus suremennata profilaktika na tromboemboliin te zabollavanila v operativnata ginekologija. Akush Ginek (Sofia) 8:230-4, 1969 (Bul)  
ADOLESCENCE/ ADULT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ \*GYNECOLOGIC DISEASES, surgery/ \*HEPARIN, therapeutic use/ \*HEPARINOID, therapeutic use/ HUMAN/ MIDDLE AGE/ \*PHENYLBUTAZONE, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*THROMBOEMBOLISM, prevention & control
2031. Ger R: Operative treatment of the advanced stasis ulcer using muscle transposition. A follow-up study. Amer J Surg 120:376-80, Sep 70  
ADULT/ AGED/ BANDAGES, adverse effects/ DISABILITY EVALUATION/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA/ HUMAN/ ISCHEMIA/ \*LEG, blood supply/ LOCOMOTION/ MALE/ MIDDLE AGE/ \*MUSCLES, surgery/ NECROSIS/ POSTOPERATIVE COMPLICATIONS/ PRESSURE/ SHOES, adverse effects/ \*SKIN, transplantation/ SKIN ULCER, etiology/ \*SKIN ULCER, surgery/ TRANSPLANTATION, AUTOLOGOUS/ VASCULAR DISEASES, complications
2032. Gerasimenko NI, Averbakh MM, Latsis GV, et al: Nekotorye dannye o sostoianii svertyvaemosti krovi pri eksperimental'noi reimplantatsii i gomotransplantatsii legkogo. Eksp Khir Anest 14:11-6, Sep-Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ DOGS/ LUNG, surgery/ \*LUNG, transplantation/ \*REIMPLANTATION/ TRANSPLANTATION, HOMOLOGOUS



# AUTHOR SECTION

2033. Geratz JD: Inhibitory effect of aromatic diamidines on trypsin and enterokinase.  
Experientia 25:1254-5, 15 Dec 69  
\*AMIDINES/ \*BENZOATES/ CATTLE/  
CHEMISTRY/ \*CRESOLS/ KINETICS/  
\*PEPTIDE PEPTIDOHYDROLASES, antagonists  
& inhibitors/ \*STILBAMIDINES/ SWINE/  
\*TRYPSIN INHIBITORS
2034. Geratz JD: Inhibition of thrombin, plasmin and plasminogen activation by amidino compounds.  
Thromb Diath Haemorrh 23:486-99, 30 Jun 70  
\*AMIDINES, pharmacodynamics/  
AMINOCAPROIC ACID, pharmacodynamics/  
BLOOD COAGULATION TESTS/ DOGS/  
ENZYME ACTIVATION, drug effects/  
\*FIBRINOLYSIS, antagonists & inhibitors/  
FIBRINOLYSIS/ HUMAN/ \*PLASMINOGEN,  
antagonists & inhibitors/ STREPTOKINASE/  
\*THROMBIN, antagonists & inhibitors
2035. Geratz JD, Hurt JP: Regulation of pancreatic enzyme levels by trypsin inhibitors.  
Amer J Physiol 219:705-11, Sep 70  
\*AMYLASE, secretion/ ANIMAL  
EXPERIMENTS/ \*CHYMOTRYPSIN, secretion/  
FEMALE/ INTESTINE, SMALL, drug effects/  
INTESTINE, SMALL, secretion/ ORGAN  
WEIGHT/ \*PANCREAS, drug effects/  
PANCREAS, secretion/ RATS/ \*TRYPSIN,  
secretion/ \*TRYPSIN INHIBITORS,  
pharmacodynamics
2036. Gerbaux A: Le traitement de l'embolie pulmonaire.  
Ther Umsch 27:174-80, Mar 70 (Fre)  
AGED/ ANALGESICS AND ANTIPYRETICS,  
therapeutic use/ ANTICOAGULANTS,  
therapeutic use/ HUMAN/ MALE/ OXYGEN  
INHALATION THERAPY/ PULMONARY  
EMBOLISM, diagnosis/ PULMONARY  
EMBOLISM, drug therapy/ PULMONARY  
EMBOLISM, prevention & control/  
PULMONARY EMBOLISM, surgery/  
\*PULMONARY EMBOLISM, therapy
2037. Gerbeaux J: Aspects cliniques et radiologiques des malformations congénitales pulmonaires chez l'enfant.  
Poumon Coeur 26:387-83, 1970 (Fre)  
\*BRONCHI, abnormalities/ \*BRONCHIAL  
DISEASES, radiography/  
BRONCHOPULMONARY SEQUESTRATION,  
radiography/ CHILD/ CHILD, PRESCHOOL/  
CYSTS, radiography/ ENGLISH ABSTRACT/  
FEMALE/ HEMANGIOMA, radiography/  
HUMAN/ INFANT/ INFANT, NEWBORN/  
\*LUNG, abnormalities/ \*LUNG DISEASES,  
radiography/ LUNG NEOPLASMS, radiography/  
MALE/ PROGNOSIS/ PULMONARY  
EMPHYSEMA, radiography
2038. Gerbeck CM, Yoshikawa T, Montgomery R: Bovine fibrinogen-heterogeneity of the gamma-chains.  
Arch Biochem 134:67-75, Oct 69  
AMINO ACIDS, analysis/ BLOOD PROTEIN  
ELECTROPHORESIS/ CARBOHYDRATES,  
analysis/ CATTLE/ CHROMATOGRAPHY, ION  
EXCHANGE/ COPPER, analysis/  
\*FIBRINOGEN, analysis/ METHODS/  
MOLECULAR WEIGHT/ PEPTIDES, analysis/  
SULFITES/ TYROSINE, analysis/  
ULTRACENTRIFUGATION
2039. Gerchikova TN: Vliianie geparina na obmen natriia i kalia u bol'nykh infarktom miokarda.  
Ter Arkh 41:32-4, Nov 69 (Rus)  
ENGLISH ABSTRACT/ HEPARIN,  
pharmacodynamics/ \*HEPARIN, therapeutic  
use/ HUMAN/ \*MYOCARDIAL INFARCT, drug  
therapy/ \*POTASSIUM, metabolism/ \*SODIUM,  
metabolism
2040. Gergen M: Der Schenkelhalsbruch und seine letalen Komplikationen mit besonderer Berücksichtigung der Lungenembolie. Chirurg 40:135-8, Mar 69 (Ger)  
AGED/ ANESTHESIA/ ANTICOAGULANTS,  
therapeutic use/ AUSTRIA/  
CEREBROVASCULAR DISORDERS, mortality/  
ENGLISH ABSTRACT/ FEMALE/ \*FEMORAL  
NECK FRACTURES, complications/  
FRACTURES, complications/ HUMAN/ MALE/  
MYOCARDIAL INFARCT, mortality/  
POSTOPERATIVE CARE/ PREOPERATIVE  
CARE/ \*PULMONARY EMBOLISM, mortality/  
PULMONARY EMBOLISM, prevention &  
control/ UREMIA, mortality
2041. Gerhards U, Egli H: Tonsillektomie bei Hämophilie A.  
Z Laryng Rhinol Otol 49:31-5, Jan 70 (Ger)  
ADOLESCENCE/ ENGLISH ABSTRACT/  
FACTOR VIII, therapeutic use/  
HEMOPHILIA, complications/ HEMORRHAGE,  
drug therapy/ HUMAN/ MALE/  
POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS, drug therapy/  
PREOPERATIVE CARE/ \*TONSILLECTOMY
2042. Gerig JT, Reinheimer JD: Nuclear magnetic resonance studies of the interaction of trans-cinnamate with alpha-chymotrypsin.  
J Amer Chem Soc 92:3146-50, 20 May 70  
BINDING SITES/ \*CHYMOTRYPSIN/  
\*CINNAMATES/ NUCLEAR MAGNETIC  
RESONANCE
2043. Gerl D, Ehrhardt G: Morphologische Untersuchungen des "Fibrinoid" der menschlichen Plazenta.  
Zbl Allg Path 112:237-43, 1969 (Ger)  
FEMALE/ \*FIBRIN, analysis/  
HISTOCYTOCHEMISTRY/ HUMAN/  
\*PLACENTA, analysis/ PREGNANCY/ STAINS  
AND STAINING
2044. Gerlsma SY: The effects of polyhydric and monohydric alcohols on the heat induced reversible denaturation of chymotrypsinogen A.  
Europ J Biochem 14:150-3, 1 May 70  
\*ALCOHOLS, pharmacodynamics/ CHEMISTRY/  
\*CHYMOTRYPSIN/ \*ENZYME PRECURSORS/  
HEAT/ HYDROGEN-ION CONCENTRATION/  
\*PROTEIN DENATURATION, drug effects/  
RIBONUCLEASE/ SORBITOL
2045. Germain D, Requin C: Anomalies chromosomiques dans les cytopénies constitutionnelles.  
Nouv Rev Franc Hemat 10:107-17, Jan-Feb 70 (Fre)  
AGAMMAGLOBULINEMIA, pathology/  
AGRANULOCYTOSIS, pathology/ ALDRICH  
SYNDROME, pathology/ ANEMIA, APLASTIC,  
pathology/ ATAXIA TELANGIECTASIA,  
pathology/ BLOOD CELLS, radiation effects/  
BONE MARROW, pathology/ BONE MARROW,  
radiation effects/ \*CHROMOSOME  
ABERRATIONS/ CHROMOSOMES, metabolism/  
CYTOGENETICS/ DNA, biosynthesis/ DNA,  
metabolism/ ERYTHROCYTES, enzymology/  
\*FANCONI SYNDROME, familial & genetic/  
FEMALE/ HEXOKINASE, blood/ HUMAN/  
IMMUNOLOGIC DEFICIENCY SYNDROMES,  
pathology/ MALE/ MITOSIS/  
THROMBOPENIA, pathology/ TISSUE  
CULTURE
2046. Germanov AI, Avdeeva EV, Zinov'ev ED: Koaguliatsia krvi pri alkohol'nykh intoksikatsiakh.  
Ter Arkh 41:71-3, Aug 69 (Rus)  
ADULT/ \*ALCOHOLIC INTOXICATION, blood/  
\*BLOOD COAGULATION/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE
2047. Gerstmann KE, Nimberg GA: Hemangiopericytoma with angiographic studies. A case report.  
Clin Orthop 68:108-11, Jan-Feb 70  
FEMALE/ \*FEMORAL ARTERY, radiography/  
HEMANGIOPERICYTOMA, pathology/  
\*HEMANGIOPERICYTOMA, radiography/  
HEMANGIOPERICYTOMA, surgery/ HUMAN/  
HYPERTENSION, complications/ MIDDLE  
AGE/ NEOPLASMS, VASCULAR TISSUE,  
pathology/ \*NEOPLASMS, VASCULAR TISSUE,  
radiography/ NEOPLASMS, VASCULAR  
TISSUE, surgery
2048. Gertler A, Birk Y: Isolation and characterization of porcine proelastase. Europ J Biochem 12:170-6, Jan 70  
AMINO ACIDS, analysis/ AMMONIUM  
COMPOUNDS/ ANIMAL EXPERIMENTS/  
CHEMISTRY/ CHROMATOGRAPHY, ION  
EXCHANGE/ CHYMOTRYPSIN/  
CHYMOTRYPSIN, antagonists & inhibitors/  
DRUG STABILITY/ ELASTIN/



# AUTHOR SECTION

- ELECTROPHORESIS/ ENZYME ACTIVATION/  
ENZYME PRECURSORS/ HYDROGEN-ION  
CONCENTRATION/ METHODS/ MOLECULAR  
WEIGHT/ PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE/  
PANCREATOPEPTIDASE, analysis/  
PANCREATOPEPTIDASE, isolation &  
purification/ PRECIPITATION/ SODIUM  
CHLORIDE/ SOY BEANS/  
SPECTROPHOTOMETRY/ SULFATES/ SWINE/  
TRYPSIN/ TRYPSIN INHIBITORS/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS
2049. Gertler A, Hofmann T:  
Acetyl-L-alanyl-L-alanyl-L-alanine methyl ester: a  
new highly specific elastase substrate.  
Canad J Biochem 48:384-6, Mar 70  
\*ALANINE/ CATTLE/ CHYMOTRYPSIN/  
ENZYME PRECURSORS/ ESTERS/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ \*PANCREATOPEPTIDASE/  
\*PEPTIDES/ SWINE/ TRYPSIN
2050. Gesler RM: Pharmacologic properties of chymopapain.  
Clin Orthop 87:47-51, Nov-Dec 69  
ANIMAL EXPERIMENTS/ BLOOD VESSELS,  
drug effects/ BONE AND BONES, drug  
effects/ CAPILLARIES, drug effects/ CATS/  
DOGS/ DURA MATER, drug effects/ HUMAN/  
INJECTIONS, INTRAVENOUS/  
\*INTERVERTEBRAL DISK, drug effects/  
LIGAMENTS, drug effects/ MONKEYS/  
MUCOPROTEINS/ PAPAIN, pharmacodynamics/  
PEPTIDE HYDROLASES, toxicity/ PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
PEPTIDE PEPTIDOHYDROLASES, toxicity/  
PHOTOMICROGRAPHY/ RABBITS/  
\*SUBARACHNOID SPACE, drug effects
2051. Gesler RM, Kartinos NJ: Contamination of blood stored  
in plastic packs. Lancet 1:1227, 6 Jun 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION,  
adverse effects/ HUMAN/ MICE/ PHTHALIC  
ACID, toxicity/ \*PLASTICS/ POLYVINYLS
2052. Gesner BM, Woodruff JJ, McCluskey RT: An  
autoradiographic study of the effect of neuraminidase  
or trypsin on transfused lymphocytes.  
Amer J Path 57:215-30, Nov 69  
ANIMAL EXPERIMENTS/ CHROMIUM  
ISOTOPES/ LIVER, cytology/ LYMPH NODES,  
cytology/ \*LYMPHOCYTES, drug effects/  
\*NEURAMINIDASE, pharmacodynamics/  
RADIOAUTOGRAPHY/ RATS/ SPLEEN,  
cytology/ TRITIUM/ \*TRYPSIN,  
pharmacodynamics
2053. Ghiron CA, Sellers DR: Studies on the rate of U.V.  
inactivation of trypsin as measured by three different  
assay methods. Photochem Photobiol 11:141-3, Feb 70  
ALKANES/ ARGININE/ BENZENE  
DERIVATIVES/ CASEIN/ ESTERS/  
HEMOGLOBIN/ METHODS/ RADIATION  
EFFECTS/ \*TRYPSIN, analysis/ \*TRYPSIN,  
radiation effects/ \*ULTRAVIOLET RAYS
2054. Ghițescu S, Ghițescu O: Considerații în legătură cu un  
caz de trombopenie familială cronică.  
Pediatra (Bucur) 19:271-4, May-Jun 70 (Rum)  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHRONIC DISEASE/ EPISTAXIS, etiology/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
\*PURPURA, THROMBOPENIC, familial &  
genetic/ \*THROMBOPENIA, familial & genetic
2055. Giammanco P, Binns PM: Temporary blindness and  
ophthalmoplegia from nasal packing.  
J Laryng 84:631-5, Jun 70  
ADOLESCENCE/ \*BLINDNESS, etiology/  
BLOOD TRANSFUSION/ CAROTID  
ARTERIES/ COLLATERAL CIRCULATION/  
\*EPISTAXIS, therapy/ HEMATOMA,  
complications/ \*HEMOSTASIS, adverse effects/  
HUMAN/ HYPOKALEMIA, etiology/ MALE/  
MAXILLARY ARTERY, injuries/  
\*OCULOMOTOR PARALYSIS, etiology/  
ORBIT/ \*TAMPONS, adverse effects/  
WOUNDS, GUNSHOT, complications
2056. Gianelli S Jr, Conklin EF, Ayres SM, et al: Irrigated  
sump tube drainage following open-heart surgery.  
JAMA 213:1038, 10 Aug 70  
ADULT/ BLOOD COAGULATION/ CARDIAC  
OUTPUT/ \*DRAINAGE, instrumentation/  
\*HEART SURGERY/ HUMAN/ METHODS/  
POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THORAX, surgery
2057. Giannella M, Gualtieri F: Ricerche nel campo delle  
sostanze ad azione antivirale: carbammati,  
tiosemicarbazoni e semicarbazoni di  
alpha-ossiminocetoni ciclici.  
Farmaco [Sci] 25:509-18, Jul 70 (Ita)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/  
ANTIFUNGAL AGENTS/ \*ANTIVIRAL  
AGENTS, chem synthesis/ ANTIVIRAL  
AGENTS, pharmacodynamics/ \*CARBAMATES,  
chem synthesis/ CARBAMATES,  
pharmacodynamics/ ENGLISH ABSTRACT/  
GASTRIC JUICE, secretion/ INFRARED  
RAYS/ MICE/ RATS/ \*SEMICARBAZIDES,  
chem synthesis/ SEMICARBAZIDES,  
pharmacodynamics/ SPECTRUM ANALYSIS/  
STOMACH, drug effects/  
\*THIOSEMICARBAZONES, chem synthesis/  
THIOSEMICARBAZONES, pharmacodynamics
2058. Giardino C, Valletta G: Le paradenziopatie distrofiche  
quale espressione di malattia vascolare periferica.  
Minerva Stomat 18:378-87, Jul 69 (Ita)  
ALVEOLAR PROCESS, pathology/  
ANGIOGRAPHY/ ANTI-INFLAMMATORY  
AGENTS/ ARTERIOSCLEROSIS, complications/  
ARTERIOVENOUS ANASTOMOSIS, pathology/  
CAPILLARY PERMEABILITY/  
CHYMOTRYPSIN, pharmacodynamics/  
ENDARTERITIS, complications/ GINGIVA,  
cytology/ GINGIVITIS, pathology/ HUMAN/  
MAXILLARY ARTERY, pathology/  
\*PERIODONTAL DISEASES, etiology/  
\*PERIODONTIUM, blood supply/  
PLETHYSMOGRAPHY/ PROTEIN  
DEFICIENCY, pathology/ SODIUM ISOTOPES/  
TRYPSIN, pharmacodynamics/ \*VASCULAR  
DISEASES, complications
2059. Giarola PA, Spreafico PL: Tierexperimentelle  
Untersuchungen zur percutanen Beeinflussung der  
Blutgerinnung und der Fibrinolyse durch ein  
heparinoidhaltiges Gel.  
Arzneimittelforschung 20:234-6, Feb 70 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ EAR/ ENGLISH  
ABSTRACT/ FIBRINOLYSIS, blood/  
\*FIBRINOLYSIS, drug effects/ \*GELS/  
HEPARINOID, analysis/ \*HEPARINOID,  
pharmacodynamics/ PLACEBOS/  
PLASMINOGEN, analysis/ RABBITS/ SKIN  
ABSORPTION/ STIMULATION, CHEMICAL/  
TIME FACTORS
2060. Gibberd FB: The diagnosis and management of strokes.  
Practitioner 204:497-505, Apr 70  
ANTICOAGULANTS, therapeutic use/  
\*CEREBROVASCULAR DISORDERS, diagnosis/  
CEREBROVASCULAR DISORDERS, drug  
therapy/ CEREBROVASCULAR DISORDERS,  
rehabilitation/ CEREBROVASCULAR  
DISORDERS, surgery/ CHLORPROMAZINE,  
therapeutic use/ HUMAN/ PHYSICAL  
THERAPY
2061. Gibelli A, Giarola P, Spreafico PL: Modificazioni del  
tempo di emorragia nel ratto indotte da adenosina e  
derivati e da altre sostanze per applicazione locale.  
Minerva Med 60:4927-30, 8 Dec 69 (Ita)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ \*HEPARIN,  
pharmacodynamics/ \*HEPARINOID,  
pharmacodynamics/ MALE/ \*NUCLEOSIDES,  
pharmacodynamics/ RATS/ \*SEROTONIN,  
pharmacodynamics
2062. Gibelli A, Giarola P, Ghessi A: Studio quantitativo del  
fattore VIII nei donatori di sangue.  
Minerva Med 60:4931-8, 8 Dec 69 (Ita)



## AUTHOR SECTION

- \*BLOOD DONORS/ \*FACTOR VIII, analysis/  
HUMAN
2063. Gibian MJ, Rubenstein PA, Ficklin WH: The formation and activities of substituted phenacylchymotrypsins. *Biochim Biophys Acta* 191:677-85, 1969  
\*ACETOPHENONES/ BROMINE/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN,  
antagonists & inhibitors/ COMPUTERS/  
HYDROGEN-ION CONCENTRATION/  
KETONES/ KINETICS/  
SPECTROPHOTOMETRY/ SULFONIC ACIDS/  
TIME FACTORS/ UREA
2064. Gibiński K, Gonciarz Z: The leukocyte proteolysis of blood proteins.  
*Pol Arch Med Wewnet* 4:377-83, Apr-May 70  
BLOOD CIRCULATION/ \*BLOOD PROTEINS,  
metabolism/ HUMAN/ JAUNDICE, enzymology/  
KINETICS/ \*LEUKOCYTES, enzymology/  
\*PEPTIDE HYDROLASES, blood/ PEPTIDE  
HYDROLASES, metabolism
2065. Gibiński K, Zahorska-Markiewicz B, Markiewicz A: Plasma fibrinolytic and leukocyte proteolytic activities: differentiation by activating and inhibiting factors. *Acta Med Pol* 11:97-101, 1970  
AMINOCAPROIC ACID/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS/ HEMOSTASIS/  
HUMAN/ KALLIKREIN-TRYPSIN  
INACTIVATOR/ \*LEUKOCYTES, physiology/  
\*PEPTIDE HYDROLASES/ STREPTOKINASE
2066. Gibson R: The management of pulmonary embolism. *Practitioner* 204:262-7, Feb 70  
HUMAN/ PULMONARY EMBOLISM, drug  
therapy/ PULMONARY EMBOLISM,  
radiography/ \*PULMONARY EMBOLISM,  
therapy/ STREPTOKINASE, therapeutic use
2067. Gielen W: Die Aktivität bakterieller, viraler und animalischer Neuraminidasen.  
*Naunyn Schmiedeberg Arch Pharm* 264:235-6, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BERYLLIUM/  
CHEMISTRY/ HYDROGEN-ION  
CONCENTRATION/ \*INFLUENZA VIRUSES,  
enzymology/ \*NEURAMINIDASE/ PEPTIDE  
HYDROLASES/ \*VIBRIO, enzymology
2068. Gielen W, Schaper R, Pink H: Neuraminidase und Cytidinmonophosphat-N-acetylneuraminat-Synthetase in Rinderleukozyten.  
*Hoppe Seyler Z Physiol Chem* 351:768-70, Jun 70 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, enzymology/ CATTLE/  
CYTOSINE NUCLEOTIDES/ ENGLISH  
ABSTRACT/ ERYTHROCYTES, enzymology/  
INFLUENZA, enzymology/ \*LEUKOCYTES,  
enzymology/ \*NEURAMINIDASE, blood/  
\*NUCLEOTIDYLTRANSFERASES, blood/  
PHAGOCYTOSIS
2069. Gierhake FW, Volkmann W, Becker W, et al: Faktor-XIII-Konzentration und Wundheilung.  
*Deutsch Med Wschr* 95:1472-5, 10 Jul 70 (Ger)  
CHEMISTRY/ ENGLISH ABSTRACT/  
\*FACTOR XIII, analysis/ HUMAN/ METHODS/  
PLASMA, analysis/ POSTOPERATIVE CARE/  
POSTOPERATIVE COMPLICATIONS, blood/  
PREOPERATIVE CARE/ TIME FACTORS/  
\*WOUND HEALING
2070. Gieritz H, Glanzmann C, Keller R: Immune reactions to *Nippostrongylus brasiliensis* in the rat. 3. Some pharmacological characteristics of primary and secondary immune response in vivo.  
*Int Arch Allerg* 38:413-9, 1970  
\*ANAPHYLAXIS/ ANIMAL EXPERIMENTS/  
COMPOUND 48-80, pharmacodynamics/  
HEPARIN, blood/ HISTAMINASE, blood/  
\*HISTAMINE, blood/ \*HISTAMINE  
LIBERATION, drug effects/ \*HOOKWORM  
INFECTION, immunology/ \*HOOKWORMS,  
immunology/ HYPERSENSITIVITY, DELAYED,  
enzymology/ HYPERSENSITIVITY, DELAYED,  
immunology/ HYPERSENSITIVITY,  
IMMEDIATE, immunology/ PREMEDICATION/  
RATS
2071. Gilbert EF, Hogan GR, Stevenson MM, et al: Gangrene of an extremity in the newborn.  
*Pediatrics* 45:469-72, Mar 70  
CASE REPORT/ DISEASES IN TWINS/  
FEMORAL ARTERY/ \*GANGRENE/  
HEMATOMA, complications/ HUMAN/  
INFANT, NEWBORN/ \*INFANT, NEWBORN,  
DISEASES/ LEG/ MALE
2072. Gilchrist GS: Fibrin split products in serum of newborn: possible technical errors.  
*Pediatrics* 45:158, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT,  
NEWBORN
2073. Gilfrich HJ, Nieschlag E, Dudeck J, et al: Norethisteronönanth. Untersuchungen während der Anwendung eines langwirkenden parenteralen Kontrazeptivum.  
*Deutsch Med Wschr* 94:2473-7, 28 Nov 69 (Ger)  
ADRENAL GLANDS, drug effects/ ALANINE  
AMINOTRANSFERASE, blood/ ASPARTATE  
AMINOTRANSFERASE, blood/ BLOOD  
PROTEINS/ BLOOD VISCOSITY, drug effects/  
BODY TEMPERATURE, drug effects/  
CONTRACEPTIVES, ORAL, adverse effects/  
\*CONTRACEPTIVES, ORAL,  
pharmacodynamics/ DELAYED-ACTION  
PREPARATIONS/ FEMALE/ GLUCOSE  
TOLERANCE TEST/ HEMORRHAGE,  
chemically induced/ HUMAN/ INJECTIONS,  
INTRAMUSCULAR/ NORETHINDRONE,  
adverse effects/ \*NORETHINDRONE,  
pharmacodynamics/ THROMBOSIS, chemically  
induced/ TRIGLYCERIDES, blood
2074. Gilles FH, Matson DD: Sciatic nerve injury following misplaced gluteal injection. *J Pediatr* 76:247-54, Feb 70  
ANTIBIOTICS, administration & dosage/  
BARBITURATES, administration & dosage/  
\*BUTTOCKS, innervation/ CHILD,  
PRESCHOOL/ CICATRIX/ HEMOSTATICS,  
administration & dosage/ HUMAN/ INFANT/  
\*INJECTIONS, INTRAMUSCULAR, adverse  
effects/ \*LEG, innervation/ \*PARALYSIS,  
etiology/ PARALYSIS, pathology/  
PENICILLIN, administration & dosage/  
PERIPHERAL NERVES, pathology/ \*SCIATIC  
NERVE, injuries
2075. Gilliam M, Shimanuki H: Coagulation of hemolymph of the larval honey bee (*Apis mellifera* L.).  
*Experientia* 26:908-9, 15 Aug 70  
ANIMAL EXPERIMENTS/ \*BEES, physiology/  
\*BLOOD COAGULATION/ \*BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ \*HEMOLYMPH,  
physiology/ HUMAN/ PHYSIOLOGY,  
COMPARATIVE/ PROTHROMBIN TIME/  
THROMBOPLASTIN, analysis
2076. Gilly G: Grossfollikuläres Lymphoblastom (Brill-Symmers) von Magen und Milz unter dem Bild eines Morbus Werlhof.  
*Fortschr Roentgenstr* 110:415-6, Mar 69 (Ger)  
ADULT/ DIAGNOSIS, DIFFERENTIAL/  
FEMALE/ HUMAN/ \*LYMPHOMA, GIANT  
FOLLICULAR, diagnosis/ PURPURA,  
THROMBOPENIC, diagnosis/ \*SPLENIC  
NEOPLASMS, diagnosis/ STOMACH,  
radiography/ \*STOMACH NEOPLASMS,  
diagnosis
2077. Gilly R, Chataing B, Raveau J, et al: La thérapeutique d'urgence dans les syndromes d'origine plaquettaire.  
*Pédiatrie* 24:927-36, Dec 69 (Fre)  
\*BLOOD PLATELET DISORDERS/ BLOOD  
TRANSFUSION/ CHILD/ HEMORRHAGE,  
therapy/ \*HEMORRHAGIC  
THROMBOCYTHEMIA, therapy/  
HEMOSTATICS, therapeutic use/ HUMAN/  
INFANT, NEWBORN/ \*THROMBOPENIA,  
therapy
2078. Gilman DJ: Case history of a patient with Von Willebrand's disease requiring oral surgery.  
*Ann Dent* 28:126-7, Dec 69  
CASE REPORT/ \*HEMORRHAGE, ORAL, drug  
therapy/ \*HEMOSTATICS, therapeutic use/



# AUTHOR SECTION

HUMAN/ MALE/ MIDDLE AGE/ \*TOOTH  
EXTRACTION, adverse effects/ \*VON  
WILLEBRAND'S DISEASE

2079. Gilroy J, Barnhart MI, Meyer JS: Treatment of acute stroke with dextran 40. JAMA 210:293-8, 13 Oct 69  
BLOOD PLATELETS, cytology/ BLOOD  
PLATELETS, drug effects/ BLOOD  
VISCOSITY, drug effects/ CARBON  
ISOTOPES/ \*CEREBRAL EMBOLISM AND  
THROMBOSIS, drug therapy/  
\*CEREBROVASCULAR DISORDERS, drug  
therapy/ \*DEXTRAN, therapeutic use/  
HUMAN/ MICROSCOPY, ELECTRON/  
REGIONAL BLOOD FLOW, drug effects
2080. Gimber PE, Rafter GW: The interaction of Escherichia coli endotoxin with leukocytes.  
Arch Biochem 135:14-20, Dec 69  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CYANIDES, pharmacodynamics/  
DEPRESSION, CHEMICAL/ EDTA,  
pharmacodynamics/ ENDOTOXINS,  
biosynthesis/ \*ENDOTOXINS, metabolism/  
\*ESCHERICHIA COLI/ ESCHERICHIA COLI,  
metabolism/ ETHYLMALIMIDE,  
pharmacodynamics/ EXUDATES AND  
TRANSUDATES/ FATTY ACIDS,  
NONESTERIFIED, metabolism/ GEL  
FILTRATION/ GLUCOSE, metabolism/  
IODOACETATES, pharmacodynamics/  
LEUKOCYTES, drug effects/ \*LEUKOCYTES,  
metabolism/ LIPIDS, metabolism/ MALE/  
PHOSPHATES, metabolism/ PHOSPHOLIPIDS,  
metabolism/ PHOSPHORUS ISOTOPES/  
PROTAMINES/ RABBITS/  
SPECTROPHOTOMETRY/ SULFURIC ACIDS/  
TIME FACTORS/ ULTRAVIOLET RAYS
2081. Ginev B: Nash opyt primeneniia énzima  
alpha-chymotrypsine.  
Klin Khir (Kiev) 4:69-71, Apr 69 (Rus)  
\*CHYMOTRYPSIN, therapeutic use/ HUMAN/  
\*WOUNDS AND INJURIES, drug therapy
2082. Ginsberg MD, Hertzman M, Schmidt-Nowara WW:  
Amphetamine intoxication with coagulopathy,  
hyperthermia, and reversible renal failure. A  
syndrome resembling heatstroke.  
Ann Intern Med 73:81-5, Jul 70  
ADULT/ \*AMPHETAMINE, poisoning/  
DIAGNOSIS, DIFFERENTIAL/ \*FEVER,  
chemically induced/ \*FIBRINOLYSIS/ \*HEAT  
EXHAUSTION, diagnosis/ HUMAN/  
HYPOTENSION, chemically induced/ \*KIDNEY  
FAILURE, ACUTE, chemically induced/  
KIDNEY FAILURE, ACUTE, complications/  
KIDNEY FAILURE, ACUTE, diagnosis/ MALE/  
PARALYSIS, chemically induced/  
PERITONEAL DIALYSIS/ POISONING,  
diagnosis/ UREMIA, chemically induced
2083. Ginsburg AD: More coagulation nondisease.  
New Eng J Med 283:47-8, 2 Jul 70  
BLOOD COAGULATION, drug effects/  
\*HEPARIN, pharmacodynamics/ HUMAN/  
\*PROTHROMBIN TIME
2084. Ginter E, Babala J, Cerveň J: The effect of chronic  
hypovitaminosis C on the metabolism of cholesterol  
and atherogenesis in guinea pigs.  
J Atheroscler Res 10:341-52, Nov-Dec 69  
ADRENAL GLANDS, metabolism/ ANIMAL  
EXPERIMENTS/ AORTA, pathology/  
\*ARTERIOSCLEROSIS, etiology/ \*ASCORBIC  
ACID DEFICIENCY, metabolism/ BODY  
WEIGHT/ \*CHOLESTEROL, metabolism/  
CHRONIC DISEASE/ CORONARY VESSELS,  
pathology/ DIET, ATHEROGENIC/ FATTY  
LIVER, pathology/ GUINEA PIGS/  
INTESTINE, SMALL, metabolism/ LIVER,  
metabolism/ MALE/ ORGAN WEIGHT
2085. Ginz B: Myocardial infarction in pregnancy.  
J Obstet Gynaec Brit Comm 77:610-5, Jul 70  
ADULT/ AGE FACTORS/ ANTICOAGULANTS,  
therapeutic use/ FEMALE/ HUMAN/ LABOR/  
\*MYOCARDIAL INFARCT/ MYOCARDIAL  
INFARCT, drug therapy/ MYOCARDIAL  
INFARCT, mortality/ MYOCARDIAL  
INFARCT, occurrence/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS,  
CARDIOVASCULAR/ PUERPERAL  
DISORDERS, mortality
2086. Ginzburg ZI, Kniashetskii SM, Kolesnikova IS: Terapiia  
aérozollami proteoliticheskikh fermentov i  
gormonal'nykh preparatov pri tuberkuleze i  
nespetsificheskikh zabolevaniakh legkikh.  
Probl Tuberk 47:48-52, 1969 (Rus)  
ADULT/ AEROSOLS/ \*ANTIBIOTICS,  
therapeutic use/ \*CHYMOTRYPSIN,  
therapeutic use/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*HYDROCORTISONE,  
therapeutic use/ \*LUNG DISEASES, drug  
therapy/ MALE/ MIDDLE AGE/  
\*TUBERCULOSIS, PULMONARY, drug therapy
2087. Giombi A, Burnard ED: Rheology of human foetal blood  
with reference to haematocrit, plasma viscosity,  
osmolality and pH. Biorheology 6:315-28, Apr 70  
BLOOD PROTEINS/ \*BLOOD VISCOSITY/  
ERYTHROCYTE COUNT/ \*FETUS/  
HEMATOCRIT/ HEPARIN/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
HYPERTONIC SOLUTIONS/ HYPOTONIC  
SOLUTIONS/ IN VITRO/ OSMOSIS/  
PLACENTA, blood supply
2088. Giordano ND, Radivoyevitch M: Seasonal variations of  
plasma-cortisol in haemophilia-A.  
Lancet 1:249, 31 Jan 70  
ADOLESCENCE/ ADULT/ CHILD/  
\*HEMOPHILIA, blood/ HUMAN/  
\*HYDROCORTISONE, blood/ MALE/  
\*SEASONS
2089. Girard P, Tommasi M, Chatelain R: Cavernomes de  
télangiectasies de l'encéphale.  
Arch Anat Path (Paris) 17:167-78, Sep 69 (Fre)  
ADOLESCENCE/ ADULT/ AGED/ \*BRAIN,  
pathology/ \*BRAIN NEOPLASMS, pathology/  
\*CEREBRAL ARTERIES, abnormalities/  
CEREBRAL ARTERIES, embryology/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMANGIOMA,  
CAVERNOUS, pathology/ HUMAN/ MALE/  
MIDDLE AGE/ \*TELANGIECTASIS, pathology
2090. Girardin R: Thrombose und Embolie.  
Praxis 58:1678-81, 23 Dec 69 (Ger)  
ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THROMBOEMBOLISM, drug therapy/  
\*THROMBOEMBOLISM, prevention & control
2091. Girolami A: Moderni orientamenti nella terapia delle  
coagulopatie congenite ed acquisite.  
Clin Ter 45:469-93, 15 Jun 68 (54 ref.) (Ita)  
AFIBRINOGENEMIA, therapy/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ BLOOD COAGULATION DISORDERS,  
congenital/ BLOOD COAGULATION  
DISORDERS, etiology/ \*BLOOD  
COAGULATION DISORDERS, therapy/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ CHRISTMAS  
DISEASE, therapy/ FACTOR V DEFICIENCY,  
therapy/ FACTOR XI DEFICIENCY, therapy/  
FACTOR XII/ FACTOR XIII/ HEMOPHILIA,  
therapy/ HEMORRHAGIC DIATHESIS,  
therapy/ HEMOSTATICS, adverse effects/  
HUMAN/ HYPOPROTHROMBINEMIAS,  
therapy/ REVIEW/ SCURVY, therapy/  
TELANGIECTASIA, HEREDITARY  
HEMORRHAGIC, therapy/ VON  
WILLEBRAND'S DISEASE, therapy
2092. Girolami A, Lazzarin M, Brunetti A, et al: Il test di  
tolleranza all'eparina "in vitro" nell'ipertiroidismo.  
Folla Endocr (Roma) 22:166-78, Apr 69 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEPARIN, diagnostic  
use/ HUMAN/ \*HYPERTHYROIDISM,  
diagnosis/ MALE/ MIDDLE AGE
2093. Girolami A, Lazzarini M, Brunetti A, et al: Congenital  
hypoprothrombinemia. A case report.  
Haemat Lat 12:77-89, Jan-Mar 69



# AUTHOR SECTION

- ADULT/ BLOOD COAGULATION TESTS/  
CASE REPORT/ FACTOR X, analysis/  
FEMALE/ HUMAN/  
HYPOPROCONVERTINEMIA, congenital/  
\*HYPOPROTHROMBINEMIAS, congenital/  
HYPOPROTHROMBINEMIAS, diagnosis
2094. Girolami A, Maffei A, Brunetti A, et al:  
Cholecystectomy in a patient with Hageman trait.  
Thromb Diath Haemorrh 23:449-54, 30 Jun 70  
\*BLOOD COAGULATION DISORDERS/ BLOOD  
COAGULATION TESTS/ BLOOD  
TRANSFUSION/ \*CHOLECYSTECTOMY/  
CHOLELITHIASIS, surgery/ \*FACTOR XII,  
analysis/ FEMALE/ GALLBLADDER,  
pathology/ HUMAN/ LIVER, pathology/  
MIDDLE AGE
2095. Girolami A, Molaro G, Lazzarin M, et al: Congenital  
haemorrhagic condition similar but not identical to  
factor X deficiency. A haemorrhagic state due to an  
abnormal factor X? Scand J Haemat 7:91-9, 1970  
ADULT/ BLOOD COAGULATION TESTS/  
CASE REPORT/ \*FACTOR V, analysis/  
HUMAN/ HYPOPROTHROMBINEMIAS, blood/  
\*HYPOPROTHROMBINEMIAS, familial &  
genetic/ MALE/ PEDIGREE/ PROTHROMBIN  
TIME/ THROMBOPLASTIN, metabolism
2096. Girolami A, Molaro G, Lazzarin M, et al: Una nuova  
coagulopatia emorragica congenita probabilmente  
dovuta alla presenza di un fattore X anormale. Studio  
preliminare. Minerva Med 60:4939-49, 8 Dec 69 (Ita)  
ADULT/ AGED/ \*BLOOD COAGULATION  
DISORDERS, congenital/ BLOOD  
COAGULATION TESTS/ \*FACTOR X/  
FEMALE/ \*HEMORRHAGE, etiology/ HUMAN/  
INFANT/ MALE
2097. Girolami A, Molaro G, Lazzarin M, et al: A "new"  
congenital haemorrhagic condition due to the  
presence of an abnormal factor X (factor X Friuli):  
study of a large kindred.  
Brit J Haemat 19:179-92, Aug 70  
ADULT/ AGED/ BLOOD COAGULATION  
DISORDERS, diagnosis/ \*BLOOD  
COAGULATION DISORDERS, familial &  
genetic/ BLOOD COAGULATION TESTS/  
DIAGNOSIS, DIFFERENTIAL/ \*FACTOR X/  
FEMALE/ GEL DIFFUSION TESTS/ GENES,  
RECESSIVE/ HETEROZYGOSE/ HUMAN/  
HYPOPROCONVERTINEMIA/  
HYPOPROTHROMBINEMIAS, diagnosis/ MALE/  
MIDDLE AGE/ NEUTRALIZATION TESTS/  
PROTHROMBIN, metabolism/ PROTHROMBIN  
TIME/ THROMBOPLASTIN, biosynthesis
2098. Girolami A, Scarpa R: Ellagic acid induced  
thromboelastographic changes in the normal  
individual and in several coagulopathies.  
Haemat Lat 12:143-54, Apr-Jun 69  
\*BENZOPYRANS, pharmacodynamics/ \*BLOOD  
COAGULATION DISORDERS, blood/ FACTOR  
XII/ FIBRINOGEN, analysis/ HEMOPHILIA,  
blood/ HUMAN/ \*THROMBOELASTOGRAPHY/  
THROMBOPENIA, blood/ VON  
WILLEBRAND'S DISEASE, blood
2099. Giromini M, Laperrouza C, Korainik O, et al: Un cas de  
syndrome hémolytique et urémique de l'adulte.  
Evolution favorable après néphrectomie bilatérale.  
J Urol Nephrol (Paris) 75:955-60, Dec 69 (Fre)  
ADULT/ \*ANEMIA, HEMOLYTIC,  
complications/ ANURIA, complications/  
FEMALE/ HEMODIALYSIS/ HEPARIN,  
administration & dosage/ HUMAN/  
\*HYPERTENSION, complications/  
HYPERTENSION, surgery/ \*KIDNEY  
FAILURE, ACUTE, complications/ KIDNEY  
FAILURE, ACUTE, pathology/ KIDNEY  
FAILURE, ACUTE, surgery/ KIDNEY  
GLOMERULUS, pathology/ \*NEPHRECTOMY/  
PREDNISONE, administration & dosage/  
PROTEINURIA, complications/  
SPLENECTOMY/ \*THROMBOPENIA,  
complications/ UREMIA, complications
2100. Giromini M, Laperrouza C, Korainik O, et al: Un cas de  
syndrome hémolytique et urémique de l'adulte,  
évolution favorable après néphrectomie bilatérale.
- Helv Med Acta [Suppl] 49:179-80, 1969 (Fre)  
\*ANEMIA, HEMOLYTIC, surgery/ FEMALE/  
HUMAN/ \*KIDNEY FAILURE, ACUTE,  
surgery/ NEPHRECTOMY/ \*THROMBOPENIA,  
surgery
2101. Giron DJ: Role of interferon in the propagation of MM  
virus in L cells. Appl Microbiol 18:584-8, Oct 69  
BRAIN/ CELL LINE/ CYTOPATHOGENIC  
EFFECT, VIRAL/ DACTINOMYCIN,  
pharmacodynamics/  
\*ENCEPHALOMYOCARDITIS VIRUSES, growth  
& development/ HAMSTERS/ \*INTERFERON,  
pharmacodynamics/ KIDNEY/ \*L CELLS/  
MICE/ TRYPSIN, pharmacodynamics/ \*VIRUS  
CULTIVATION/ \*VIRUS REPLICATION, drug  
effects
2102. Gitzelmann R, Bächli T, Binz H, et al: Localization of  
rabbit intestinal sucrase with ferritin-antibody  
conjugates. Biochim Biophys Acta 196:20-8, 6 Jan 70  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
FERRITIN/ GAMMA GLOBULIN, 7S/ GEL  
DIFFUSION TESTS/ \*GLYCOSIDE  
HYDROLASES, analysis/ GUINEA PIGS/  
HISTOCYTOCHEMISTRY/ HORSES/ IMMUNE  
SERUMS/ INTESTINAL MUCOSA, enzymology/  
\*INTESTINE, SMALL, enzymology/  
MICROSCOPY, ELECTRON/ RABBITS/  
SPLEEN/ SUCRASE, analysis/ TRYPSIN
2103. Givol D, Weinstein Y, Gorecki M, et al: A general  
method for the isolation of labelled peptides from  
affinity-labelled proteins.  
Biochem Biophys Res Commun 38:825-30, 20 Feb 70  
\*ANTIBODIES/ CARBON ISOTOPES/  
CHEMISTRY/ CHROMATOGRAPHY/  
DIAZONIUM COMPOUNDS/  
ETHYLENEDIAMINES/ GOATS/ HAPTENS/  
METHODS/ OVALBUMIN/ \*PEPTIDES,  
isolation & purification/ POLYSACCHARIDES/  
\*PROTEINS/ \*RIBONUCLEASE/ TIME  
FACTORS/ TRYPSIN/ TYROSINE/ URACIL  
NUCLEOTIDES
2104. Gjone E: Pancreas--enzymen i kliniken.  
T Norsk Laegeforen 90:254-7, 25 Jan 70 (Nor)  
AMYLASE, secretion/ ENGLISH ABSTRACT/  
HUMAN/ LIPASE, secretion/ \*PANCREAS,  
enzymology/ PANCREAS, secretion/  
\*PANCREATIC DISEASES, diagnosis/  
PANCREATIC DISEASES, enzymology/  
PANCREATITIS, enzymology/ PEPTIDE  
HYDROLASES, secretion
2105. Gladshstein IuM: Primenenie pirogenala v lechenii  
vospalitel'nykh protsessov vnutrennikh polovykh  
organov kryss-samok.  
Pat Fiziol Eksp Ter 13:74-5, Jul-Aug 69 (Rus)  
ADHESIONS, drug therapy/ ANIMAL  
EXPERIMENTS/ ENGLISH ABSTRACT/  
FEMALE/ \*GYNECOLOGIC DISEASES, drug  
therapy/ INFLAMMATION, drug therapy/  
\*PYROGENS, therapeutic use/ RATS/  
\*STAPHYLOCOCCAL INFECTIONS, drug  
therapy
2106. Glagoleva NA: Opyt primeneniya geparin-elektroforeza  
pri lechenii bol'nykh koronarokardiosklerozom so  
stenokardiei. Vop Kurort Fizioter 34:37-40, 1969 (Rus)  
ADULT/ AGED/ \*ANGINA PECTORIS, drug  
therapy/ BLOOD COAGULATION,  
drug effects/ \*CORONARY DISEASE, drug  
therapy/ FEMALE/ HEMODYNAMICS, drug  
effects/ \*HEPARIN, administration & dosage/  
HUMAN/ \*IONTOPHORESIS/ LIPIDS,  
metabolism/ MALE/ MIDDLE AGE
2107. Glancy JJ, Fishbone G, Heinz ER: Nonthrombogenic  
arterial catheters. Amer J Roentgen 106:716-23, Apr 70  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL/ CATHETERIZATION, adverse  
effects/ \*CATHETERIZATION,  
instrumentation/ DOGS/ DRUG STORAGE/  
FEMORAL ARTERY/ HEAT/ \*HEPARIN/  
PUNCTURES, adverse effects/ SURFACE  
PROPERTIES/ \*THROMBOSIS, prevention &  
control/ TIME FACTORS



# AUTHOR SECTION

2108. Glants RM, Bilynskiĭ BT, Matskiv AS, et al:  
Vzaimootnosheniia mezhdū funktsional'nym  
sostoianiem simpatiko-adrenalovoi sistemy i  
svertyvalushchei sistemoi krovi pri ozhogovoĭ bolezni.  
Klin Med (Moskva) 47:79-84, Jul 69 (Rus)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, analysis/ \*BURNS,  
physiopathology/ BURNS, urine/  
\*CATECHOLAMINES, urine/ ENGLISH  
ABSTRACT/ EPINEPHRINE, urine/ HEPARIN,  
diagnostic use/ HUMAN/ NOREPINEPHRINE,  
urine
2109. Glants RM, Tkach EA: O mekhanizme  
gemostaticheskogo deistviia konservirovannoi krovi  
pri ėksperimental'nykh narusheniakh  
funktsional'nogo sostoiania svertyvalushchei sistemy  
krovi. Probl Gemat 12:29-34, Sep 67 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ DOGS/ ENGLISH  
ABSTRACT/ \*HEMOSTASIS/ \*RADIATION  
INJURY, EXPERIMENTAL, blood/ TIME  
FACTORS
2110. Glanz S: The surgical treatment of cavernous  
haemangiomas of the hand.  
Brit J Plast Surg 22:293-301, Oct 69  
CHILD/ CHILD, PRESCHOOL/ FINGERS,  
surgery/ \*HAND, surgery/ \*HEMANGIOMA,  
CAVERNOUS, surgery/ HUMAN/ INFANT/  
SKIN, transplantation/ \*SURGERY, PLASTIC/  
TRANSPLANTATION, AUTOLOGOUS/ WRIST,  
surgery
2111. Glas P, Astrup T: Thromboplastin and plasminogen  
activator in tissues of the rabbit.  
Amer J Physiol 219:1140-6, Oct 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ \*BLOOD COAGULATION  
FACTORS, analysis/ FIBRINOLYSIS/  
\*PLASMINOGEN, analysis/ \*RABBITS/  
\*THROMBOPLASTIN, analysis
2112. Glazer AN: Promotion of the autolysis of  
alpha-chymotrypsin by Evans blue.  
Proc Nat Acad Sci USA 64:235-40, Sep 69  
AUTOLYSIS/ \*CHYMOTRYPSIN/ \*DYES,  
pharmacodynamics/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/ MODELS,  
CHEMICAL/ PROTEIN BINDING,  
drug effects/ SPECTROPHOTOMETRY
2113. Glazer AN: On the prevalence of "nonspecific" binding  
at the specific binding sites of globular proteins.  
Proc Nat Acad Sci USA 65:1057-63, Apr 70  
ALCOHOL OXIDOREDUCTASES/  
ANTIBODIES/ \*BINDING SITES/  
CHYMOTRYPSIN/ DYES/ EGG WHITE/  
HEMOGLOBIN/ LUCIFERASE/ MURAMIDASE/  
MYOGLOBIN/ PEPTIDE  
PEPTIDOHYDROLASES/ \*PROTEIN BINDING/  
SERUM ALBUMIN, BOVINE/ TRYPSIN
2114. Glick Z, Joslyn MA: Effect of tannic acid and related  
compounds on the absorption and utilization of  
proteins in the rat. J Nutr 100:516-20, May 70  
ANIMAL EXPERIMENTS/ BENZOPYRANS,  
pharmacodynamics/ BODY WEIGHT/ CARBON  
ISOTOPES/ \*CASEIN, metabolism/  
CATECHOL, pharmacodynamics/ \*DIETARY  
PROTEINS, metabolism/ FECES, analysis/  
GALLIC ACID, pharmacodynamics/ GRAPES/  
INTESTINAL ABSORPTION, drug effects/  
INTESTINES, enzymology/ MALE/  
\*NITROGEN, metabolism/ ORGAN WEIGHT/  
PANCREAS, anatomy & histology/  
PANCREAS, enzymology/ PEPTIDE  
HYDROLASES, metabolism/ PROTEINS,  
metabolism/ RATS/ SEEDS/ STIMULATION,  
CHEMICAL/ \*TANNINS, pharmacodynamics/  
TIME FACTORS/ TREES/ TRYPSIN  
INHIBITORS
2115. Glemann J: Action of insulin on isolated fat cells.  
Danish Med Bull 16:Suppl 4:1-42, May 69 (163 ref.)  
\*ADIPOSE TISSUE, drug effects/ ADIPOSE  
TISSUE, metabolism/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL TRANSPORT,  
drug effects/ CARBON ISOTOPES/ CELL  
MEMBRANE, drug effects/ CELL MEMBRANE  
PERMEABILITY, drug effects/  
GLUCONEOGENESIS, drug effects/ GLUCOSE,  
metabolism/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ \*INSULIN,  
pharmacodynamics/ LIPIDS, metabolism/  
OUABAIN, pharmacodynamics/ PEPTIDE  
HYDROLASES, pharmacodynamics/  
PHOSPHOLIPASE, pharmacodynamics/  
PROTEINS, biosynthesis/ RATS/ REVIEW
2116. Glogner P, Blume KG: Eine dem  
Chédiak-Steinbrinck-Higashi-Syndrom ähnliche  
Störung beim Erwachsenen.  
Deutsch Med Wschr 95:77-8, 9 Jan 70 (Ger)  
ADULT/ ALBINISM, complications/ ANEMIA,  
HEMOLYTIC, complications/  
CONSANGUINITY/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
GENES/ HEMATOLOGIC DISEASES, familial  
& genetic/ HEPATOMEGALY, complications/  
HETEROZYGOTE/ HUMAN/  
HYPERCHOLESTEREMIA, complications/  
\*IMMUNOLOGIC DEFICIENCY SYNDROMES,  
diagnosis/ \*LEUKOCYTES/ LEUKOPENIA,  
complications/ LIGHT/ LYMPHOCYTES/  
MALE/ SPLENOMEGALY, complications/  
THROMBOPENIA, complications
2117. Glogowski G: Das chronische und rezidivierende Odem  
des Kapselbandapparates am Kniegelenk bei Störung  
des Fibrinolysesystems.  
Z Allgemeinmed 46:336-9, 10 Mar 70 (Ger)  
\*AFIBRINOGENEMIA, complications/ CHRONIC  
DISEASE/ \*EDEMA, etiology/  
FIBRINOLYSIS/ HUMAN/ \*JOINT DISEASES,  
etiology/ \*KNEE JOINT/ \*LIGAMENTS,  
ARTICULAR/ VARICOSE VEINS, etiology
2118. Glovsky M, Fudenberg HH: Reduced complement  
activity in sera of patients with Waldenström's  
macroglobulinemia. J Immun 104:1072-8, May 70  
ANTI-ANTIBODIES, analysis/ ANTIBODIES,  
analysis/ ANTINUCLEAR FACTORS, analysis/  
BLOOD PROTEIN ELECTROPHORESIS/  
BLOOD VISCOSITY/ \*COMPLEMENT/  
CRYOGLOBULINS, analysis/ HEMOLYSIS/  
HUMAN/ \*MACROGLOBULINEMIA,  
immunology/ MACROGLOBULINS, analysis
2119. Głowiński S, Worowski K: Zaburzenia krzepnięcia i  
fibrinolizy po wszyciu łat bocznych w tętnicę udową u  
psów. Pol Przegl Chir 42:38-47, Jan 70 (Pol)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS/ BLOOD  
COAGULATION TESTS/ DOGS/ ENGLISH  
ABSTRACT/ \*FEMORAL ARTERY, surgery/  
\*FIBRINOLYSIS/ MALE/ \*VASCULAR  
SURGERY
2120. Glueck CJ, Kaplan AP, Levy RI, et al: A new mechanism  
of exogenous hyperglyceridemia.  
Ann Intern Med 71:1051-62, Dec 69  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION, drug effects/ BLOOD  
PROTEIN ELECTROPHORESIS/ CHILD/  
CHOLESTEROL, blood/ CHYLOMICRONS/  
FEMALE/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ HEPARIN,  
diagnostic use/ HEPARIN, pharmacodynamics/  
HUMAN/ HYDROLASES, blood/  
\*HYPERLIPEMIA, etiology/ LIPASE, blood/  
\*LUPUS ERYTHEMATOSUS, SYSTEMIC,  
complications/ \*LYMPHOMA, complications/  
MALE/ PROTEIN BINDING/ PROTHROMBIN  
TIME/ \*TRIGLYCERIDES, blood
2121. Glueck HI, Wachman J: A TAME micromethod for the  
measurement of "esterase prothrombin".  
Amer J Clin Path 54:239-48, Aug 70  
AMINOCAPROIC ACID, pharmacodynamics/  
ARGININE/ \*ESTERASES, analysis/  
ESTERASES, blood/ ESTERS/ FACTOR V,  
metabolism/ FACTOR VII, metabolism/  
FACTOR X, metabolism/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ LIVER,  
pathology/ METHODS/ \*MICROCHEMISTRY/  
OXALATES, pharmacodynamics/  
\*PROTHROMBIN, analysis/ PROTHROMBIN  
TIME/ STREPTOKINASE, pharmacodynamics/



# AUTHOR SECTION

- THROMBIN, metabolism/ THROMBOPLASTIN, metabolism/ TOLUENE/ VENOMS, pharmacodynamics/ WARFARIN, blood
2122. Glueck HI, Will RM, McAdams AJ, et al: Measurement of prothrombin. A neglected liver function test in infancy and childhood. *J Pediatr* 76:914-22, Jun 70  
BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ HEPATITIS, diagnosis/ HUMAN/ INFANT, NEWBORN/ \*JAUNDICE, diagnosis/ JAUNDICE, OBSTRUCTIVE, diagnosis/ LIVER, pathology/ LIVER CIRRHOSIS, diagnosis/ LIVER DISEASES, diagnosis/ \*LIVER FUNCTION TESTS/ \*PROTHROMBIN, analysis
2123. Gluszczyk A, Lach B: Melanoblastosis diffusa meningo-cerebralis 1 choroba Sturge-Webera. *Neuropat Pol* 8:97-108, Jan-Mar 70 (Pol)  
ADULT/ \*ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ \*BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, pathology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*MELANOMA, complications/ MELANOMA, pathology/ MIDDLE AGE
2124. Gmür J, Felten A von, Straub W: Gerinnungsuntersuchungen an Nabelvenenblut: fetales Fibrinogen? *Schweiz Med Wschr* 100:299-300, 14 Feb 70 (Ger)  
BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ \*FETUS/ \*FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HEPARIN, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ PREGNANCY/ \*UMBILICAL CORD
2125. Gmür JP, Felten A von, Straub PW: Blutgerinnung und Fibrinolyse im Nabelschnurblut. II. Befunde im abpunktierten Nabelschnurblut von 140 Neugeborenen. *Thromb Diath Haemorrh* 23:347-59, 1970 (Ger)  
\*BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD SPECIMEN COLLECTION/ FACTOR V, analysis/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HEPARIN, analysis/ HUMAN/ \*INFANT, NEWBORN/ PREGNANCY/ PROTAMINES, pharmacodynamics/ \*UMBILICAL CORD/ UMBILICAL VEINS/ UREA, pharmacodynamics
2126. Gmür JP, Straub PW: Blutgerinnung und Fibrinolyse im Nabelschnurblut. I. Vergleichende Untersuchungen bei verschiedenen Entnahmetechniken. *Thromb Diath Haemorrh* 23:82-90, 28 Feb 70 (Ger)  
BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ \*BLOOD SPECIMEN COLLECTION/ COMPARATIVE STUDY/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ FIBRINOLYSIS, prevention & control/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PREGNANCY/ PUNCTURES/ \*UMBILICAL CORD/ UMBILICAL VEINS
2127. Gnüchtel U, Grüner M, Zeschke G: Über hypertone Blutdruckreaktionen und erhöhte Koagulabilität des Blutes im Verlaufe einer experimentellen Neurose beim Hund. *Acta Biol Med German* 22:123-34, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ \*BLOOD PRESSURE/ DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HYPERTENSION, etiology/ LIGHT/ MALE/ NEUROSES, etiology/ \*NEUROSES, physiopathology/ TIME FACTORS
2128. Gnüchtel U, Nitschkoff S: Über Veränderungen der Koagulabilität des Blutes im Verlauf einer experimentellen nephrogenen Hypertonie beim Hund. *Deutsch Gesundh* 24:913-8, 15 May 69 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ DISEASE MODELS, ANIMAL/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HYPERTENSION, etiology/ LIGHT/ MALE/ NEUROSES, etiology/ \*NEUROSES, physiopathology/ TIME FACTORS
2129. Go VL, Hofmann AF, Summerskill WH: Simultaneous measurements of total pancreatic, biliary, and gastric outputs in man using a perfusion technique. *Gastroenterology* 58:321-8, Mar 70  
ADULT/ AMINO ACIDS, diagnostic use/ AMYLASE, secretion/ \*BILE, secretion/ BILIRUBIN, secretion/ BIOLOGICAL TRANSPORT/ CHLORIDES, diagnostic use/ CHROMIUM ISOTOPES, diagnostic use/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ \*GASTRIC JUICE, secretion/ GLYCOLS, diagnostic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTUBATION, GASTROINTESTINAL/ LIPASE, secretion/ MALE/ METHODS/ MIDDLE AGE/ \*PANCREATIC JUICE, secretion/ PANCREOZYMIN, diagnostic use/ \*PERFUSION/ POLYETHYLENES, diagnostic use/ TRYPSIN, secretion
2130. Go VL, Hofmann AF, Summerskill WH: Pancreozymin bioassay in man based on pancreatic enzyme secretion: potency of specific amino acids and other digestive products. *J Clin Invest* 49:1558-64, Aug 70  
ADULT/ \*AMINO ACIDS, pharmacodynamics/ \*AMYLASE, analysis/ BIOLOGICAL ASSAY/ DUODENUM/ FEMALE/ GLUCOSE, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTUBATION, GASTROINTESTINAL/ \*LIPASE, analysis/ MALE/ MIDDLE AGE/ PANCREATIC JUICE, enzymology/ \*PANCREATIC JUICE, secretion/ \*PANCREOZYMIN, pharmacodynamics/ PEPTONES, pharmacodynamics/ PERFUSION/ PROTEINS, pharmacodynamics/ TRIGLYCERIDES, pharmacodynamics/ \*TRYPSIN, analysis
2131. Godal HC: An inhibitor to fibrin stabilizing factor (FSF, factor XIII). *Scand J Haemat* 7:43-8, 1970  
FACTOR XIII, analysis/ \*FACTOR XIII, antagonists & inhibitors/ FEMALE/ FIBRIN, metabolism/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HEMOSTASIS/ HUMAN/ SOLUBILITY/ UREA
2132. Godal HC: Consumption of coagulation material by heparin. *Lancet* 2:50, 4 Jul 70  
\*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ \*HEPARIN, pharmacodynamics/ HUMAN/ PROTAMINES, pharmacodynamics
2133. Godal HC: Delayed fibrin polymerization due to removal of calcium ions. *Scand J Clin Lab Invest* 24:29-33, Aug 69  
BARIUM, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ CADMIUM, pharmacodynamics/ CALCIUM, metabolism/ \*CALCIUM, pharmacodynamics/ DRUG STABILITY/ \*EDTA, pharmacodynamics/ FIBRIN, antagonists & inhibitors/ \*FIBRIN, metabolism/ FIBRINOGEN, antagonists & inhibitors/ FIBRINOGEN, metabolism/ HUMAN/ MAGNESIUM, pharmacodynamics/ NICKEL, pharmacodynamics/ STRONTIUM, pharmacodynamics/ THROMBIN, metabolism/ TIME FACTORS
2134. Goebell H, Bode C, Bastian R, et al: Klinisch asymptomatische Funktionsstörungen des exokrinen Pankreas bei chronischen Alkoholkern. *Deutsch Med Wschr* 95:808-14, 10 Apr 70 (Ger)  
ADULT/ AGED/ \*ALCOHOLISM, complications/ AMYLASE, analysis/ FEMALE/ GASTRIC JUICE, analysis/ HUMAN/ LIPASE, analysis/ LIPASE, blood/ \*LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ PANCREATITIS, blood/ \*PANCREATITIS, chemically induced/ TRYPSIN, analysis
2135. Goetzl EJ, Metzger H: Affinity labeling of a mouse myeloma protein which binds nitrophenyl ligands. Kinetics of labeling and isolation of a labeled peptide. *Biochemistry (Wash)* 9:1267-78, 3 Mar 70



## AUTHOR SECTION

- AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ BORON COMPOUNDS/ CAPROATES/ CHROMATOGRAPHY/ DIAZONIUM COMPOUNDS/ GAMMA GLOBULIN/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ KINETICS/ MICE/ \*NEOPLASM PROTEINS/ \*NEOPLASMS, EXPERIMENTAL/ NITROBENZENES/ NITROPHENOLS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PLASMACYTOMA/ PROTEIN BINDING/ RABBITS/ SPECTROPHOTOMETRY/ TRITIUM/ TRYPSIN/ TYROSINE/ ULTRACENTRIFUGATION
2136. Goguel M, Noël G, Gillet JY, et al: Thérapeutique anticoagulante et allaitement: étude du passage de la phényl-2-dioxo, 1,3 indane dans le lait maternel. *Rev Franc Gynec Obstet* 65:409-12, Jul-Aug 70 (Fre)  
\*BREAST FEEDING/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ MILK, HUMAN, analysis/ \*MILK, HUMAN, drug effects/ PHENINDIONE, analysis/ \*PHENINDIONE, therapeutic use
2137. Gold SC: Angioendothelioma (lymphatic type). *Brit J Derm* 82:92-3, Jan 70  
ADULT/ BIOPSY/ \*HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MALE/ \*SKIN NEOPLASMS/ SKIN NEOPLASMS, pathology
2138. Gol'dberg DI, Karpova GV: Reaktsii sistemy krovi pri vvedenii protivopukhlevogo antibiotika bruneomitsina v ékspérimente. *Antibiotiki* 14:845-9, Sep 69 (Rus)  
ANEMIA, chemically induced/ ANIMAL EXPERIMENTS/ \*ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BONE MARROW CELLS, drug effects/ CELL DIFFERENTIATION, drug effects/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ ERYTHROPOIESIS, drug effects/ GUINEA PIGS/ \*HEMATOPOIESIS, drug effects/ LEUKOCYTE COUNT/ LEUKOCYTES/ LEUKOPENIA, chemically induced/ LYMPHOCYTES, drug effects/ LYMPHOID TISSUE, drug effects/ LYMPHOPENIA, chemically induced/ RETICULO CYTES, drug effects/ STIMULATION, CHEMICAL/ THROMBOPENIA, chemically induced
2139. Goldberg DM, Campbell R, Roy AD: Studies on the binding of trypsin and chymotrypsin by human intestinal mucosa. *Scand J Gastroent* 4:217-26, 1969  
CATTLE/ \*CHYMOTRYPSIN, metabolism/ COLON, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ILEUM, enzymology/ IN VITRO/ \*INTESTINAL MUCOSA, enzymology/ PANCREAS, enzymology/ RATS/ \*TRYPSIN, metabolism
2140. Goldberg DM, McAllister RA, Roy AD: Proteolytic enzymes in adenocarcinoma of the human colon. *Brit J Cancer* 23:735-43, Dec 69  
ADENOCARCINOMA, enzymology/ CENTRIFUGATION/ COLON, enzymology/ \*COLONIC NEOPLASMS, enzymology/ DETERGENTS/ EPITHELIUM, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*PEPTIDE HYDROLASES, analysis/ SOLUBILITY
2141. Goldberg ME: Tertiary structure of Escherichia coli beta-D-galactosidase. *J Molec Biol* 46:441-6, 28 Dec 69  
\*ESCHERICHIA COLI, enzymology/ \*GALACTOSIDASE, analysis/ MODELS, STRUCTURAL/ MOLECULAR BIOLOGY/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ ULTRACENTRIFUGATION
2142. Golden B, McKee AP: Enhancement of the infectivity titer of adenovirus type 8. *Arch Ophthal* (Chicago) 83:455-7, Apr 70  
ADENOVIRUS, drug effects/ \*ADENOVIRUS, pathogenicity/ ANIMAL EXPERIMENTS/ ARGinine, pharmacodynamics/ CARCINOMA/ CELL LINE/ CHYMOTRYPSIN, pharmacodynamics/ CYTOPATHOGENIC EFFECT, VIRAL/ HUMAN/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ KERATOCONJUNCTIVITIS, microbiology/ MOUTH NEOPLASMS/ MYOPLASMA, pathogenicity/ RABBITS/ TISSUE CULTURE/ ULTRACENTRIFUGATION/ VIRUS CULTIVATION/ VIRUS REPLICATION
2143. Goldenfarb PB, Zucker S, Corrigan JJ Jr, et al: The coagulation mechanism in acute bacterial infection. *Brit J Haemat* 18:643-52, Jun 70  
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ERYTHROCYTES/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ \*INFECTION, blood/ MALE/ MIDDLE AGE/ PNEUMOCOCCAL INFECTIONS, blood/ PROTHROMBIN TIME/ SERUM GLOBULINS
2144. Goldfine ID, Schachter H, Barclay WR, et al: Consumption coagulopathy in miliary tuberculosis. *Ann Intern Med* 71:775-7, Oct 69  
\*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CASE REPORT/ FEMALE/ GRANULOMA, etiology/ HUMAN/ LUNG, pathology/ MIDDLE AGE/ THROMBOSIS, etiology/ \*TUBERCULOSIS, MILIARY, complications/ TUBERCULOSIS, MILIARY, pathology/ TUBERCULOSIS, MILIARY, radiography
2145. Goldin H, Kaiser II: Interactions of transfer RNA from E. coli and methylated bovine serum albumin. *Biochem Biophys Res Commun* 36:1013-8, 10 Sep 69  
AMINO ACIDS/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ DRUG STABILITY/ ESCHERICHIA COLI/ LIGASES/ METHYLATION/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PHENOLS/ PHENYLALANINE/ RIBONUCLEASE/ \*RNA, BACTERIAL/ \*RNA, SOLUBLE/ \*SERUM ALBUMIN, BOVINE/ UREA
2146. Golditch IM, Boyce NE Jr: Management of abruptio placentae. *JAMA* 212:288-93, 13 Apr 70  
ABRUPTIO PLACENTAE, complications/ ABRUPTIO PLACENTAE, diagnosis/ ABRUPTIO PLACENTAE, occurrence/ ABRUPTIO PLACENTAE, prevention & control/ \*ABRUPTIO PLACENTAE, therapy/ ADULT/ AFIBRINOGENEMIA, complications/ AMNION, surgery/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ CESAREAN SECTION/ DELIVERY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FETAL DEATH, etiology/ HEMATOCRIT/ HEMORRHAGE, diagnosis/ HUMAN/ LABOR, INDUCED/ MATERNAL AGE/ OXYTOCIN, therapeutic use/ PARITY/ PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ PUERPERAL DISORDERS/ TIME FACTORS
2147. Goldman HI, Amadio P: Skimmed cows' milk. *Pediatrics* 45:891, May 70  
\*DIARRHEA, INFANTILE, therapy/ HUMAN/ HYPERNATREMIA, etiology/ INFANT, NEWBORN/ MILK/ VITAMIN K DEFICIENCY
2148. Goldman HI, Amadio P: Vitamin K deficiency after the newborn period. *Pediatrics* 44:745-9, Nov 69  
\*ANTIBIOTICS, therapeutic use/ \*DIARRHEA, therapy/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*MILK/ \*VITAMIN K DEFICIENCY, etiology/ VITAMIN K DEFICIENCY, prevention & control
2149. Goldman RL, Perzik SL: Infantile hemangioma of the parotid gland; a clinicopathological study of 15 cases. *Arch Otolaryng* (Chicago) 90:605-8, Nov 69  
FEMALE/ HEMANGIOMA, congenital/ \*HEMANGIOMA, pathology/ HEMANGIOMA,



## AUTHOR SECTION

- surgery/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ MALE/ PAROTID NEOPLASMS,  
congenital/ \*PAROTID NEOPLASMS,  
pathology/ PAROTID NEOPLASMS, surgery/  
SEX FACTORS
2150. Goldring IP, Ratner IM, Greenburg L: Pulmonary hemorrhage in hamsters after exposure to proteolytic enzymes of *Bacillus subtilis*. *Science* 170:73-4, 2 Oct 70  
ANIMAL EXPERIMENTS/ \*BACILLUS  
SUBTILIS, enzymology/ DETERGENTS/ DRUG  
HYPERSENSITIVITY/ FEMALE/ HAMSTERS/  
\*HEMORRHAGE, chemically induced/ \*LUNG  
DISEASES, chemically induced/ MALE/  
OCCUPATIONAL DISEASES, chemically  
induced/ \*PEPTIDE HYDROLASES/  
RESPIRATORY HYPERSENSITIVITY/ TIME  
FACTORS
2151. Goldschmidt B, Böröcz L, Haas M, et al: A vérálvadási és fibrinolyticus enzimrendszer extracorporeális keringés alatt és után.  
*Orv Hetil* 111:1027-30, 3 May 70 (Hun)  
ADOLESCENCE/ ANTIFIBRINOLYTIC  
AGENTS, therapeutic use/ \*BLOOD  
COAGULATION FACTORS/ CHILD/ CHILD,  
PRESCHOOL/ \*EXTRACORPOREAL  
CIRCULATION/ FIBRINOLYSIS/ \*HEART  
SURGERY/ HEMORRHAGE, prevention &  
control/ HUMAN
2152. Goldsmith MR, Havas SW, Ma RI, et al: Intercellular effects on development of competence in *Bacillus subtilis*. *J Bact* 102:774-83, Jun 70  
BACILLUS SUBTILIS, drug effects/  
\*BACILLUS SUBTILIS,  
growth & development/ BACILLUS SUBTILIS,  
metabolism/ COLORIMETRY/ CULTURE  
MEDIA/ DEOXYRIBONUCLEASE, metabolism/  
\*DNA, BACTERIAL/ FILTRATION/  
\*GENETICS, MICROBIAL/ MUTATION/  
PEPTIDE HYDROLASES, pharmacodynamics/  
\*TRANSFORMATION, GENETIC
2153. Goldsmith NF, Huggel H, Ury HK: Serum electrolytes and clotting factors in rats during blood loss by cardiac puncture: effect of norethynodrel with mestranol on serum magnesium.  
*Rev Suisse Zool* 76:849-64, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ \*BLOOD  
COAGULATION FACTORS/ CALCIUM, blood/  
\*ELECTROLYTES, blood/ \*HEMORRHAGE,  
blood/ \*MAGNESIUM, blood/ \*MESTRANOL,  
pharmacodynamics/ \*NORETHYNODREL,  
pharmacodynamics/ RATS
2154. Goldstein A: Postvaricella bleeding presenting as epistaxis. *Arch Otolaryng (Chicago)* 92:173, Aug 70  
BLOOD COAGULATION/ CASE REPORT/  
\*CHICKENPOX, complications/ CHILD,  
PRESCHOOL/ ELECTROCOAGULATION/  
\*EPISTAXIS, etiology/ EPISTAXIS, therapy/  
\*HEMORRHAGE, ORAL, etiology/ HUMAN/  
LIDOCAINE/ MALE/ PALATE, pathology
2155. Goldstein GW, Krivit WJ, Hong R: Hypoimmunoglobulin G, hyperimmunoglobulin M, intestinal nodular hyperplasia, and thrombocytopenia. An unusual association.  
*Arch Dis Child* 44:621-4, Oct 69  
\*AGAMMAGLOBULINEMIA, complications/  
BIOPSY/ CHILD, PRESCHOOL/ FEMALE/  
GAMMA GLOBULIN, biosynthesis/ GAMMA  
GLOBULIN, 7S, analysis/ \*GAMMA  
GLOBULIN, 19S, analysis/ HEPATOMEGALY,  
complications/ HUMAN/ HYPERPLASIA/  
\*IMMUNOLOGIC DEFICIENCY SYNDROMES/  
INFANT/ \*INTESTINAL DISEASES,  
complications/ \*LYMPH NODES/ LYMPHOID  
TISSUE, growth & development/  
SPLENOMEGALY, complications/  
\*THROMBOPENIA, complications
2156. Goldstein L, Pecht M, Blumberg S, et al: Water-insoluble enzymes. Synthesis of a new carrier and its utilization for preparation of insoluble derivatives of papain, trypsin, and subtilopeptidase A. *Biochemistry (Wash)* 9:2322-34, 26 May 70  
ALDEHYDES/ AMINO ACIDS, analysis/  
ARGININE, analysis/ \*AZO COMPOUNDS/  
FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ METHANE/ \*PAPAIN/  
\*PEPTIDE PEPTIDOHYDROLASES/ \*RESINS,  
chem synthesis/ \*SOLUBILITY/ STARCH/  
\*TRYPSIN/ TYROSINE, analysis/ WATER
2157. Goldsworthy PD, McCartor HR, McGuigan JE, et al: Relative albumin, transferrin, and fibrinogen synthesis rates in perfused bovine liver.  
*Amer J Physiol* 218:1428-33, May 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CATTLE/ \*FIBRINOGEN,  
biosynthesis/ IN VITRO/ \*LIVER, metabolism/  
LYSINE, metabolism/ PERFUSION/ \*SERUM  
ALBUMIN, biosynthesis/ \*TRANSFERRIN,  
biosynthesis/ VALINE, metabolism
2158. Gollub S, Schechter DC, Ulin AW: Hemostasis, blood coagulation, and isobutyl cyanoacrylate tissue adhesive. *Surg Gynec Obstet* 130:3-10, Jan 70  
\*ACRYLIC RESINS, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ DOGS/ GLASS/  
\*HEMOSTASIS/ \*KIDNEY, surgery/  
MICROSCOPY, PHASE CONTRAST/  
\*POLYMERS, pharmacodynamics/ SILICONES/  
THROMBELASTOGRAPHY/ \*TISSUE  
ADHESIVES, pharmacodynamics
2159. Gollwitzer R, Karges HE, Hörmann H, et al: Electron microscopic investigations on soluble and insoluble bovine fibrin.  
*Biochim Biophys Acta* 207:445-55, 23 Jun 70  
ACETIC ACIDS/ ADENOSINE  
TRIPHOSPHATE/ BROMIDES/ CATTLE/  
\*FIBRIN/ GUANIDINES/ LIGHT/  
\*MICROSCOPY, ELECTRON/ OPTICAL  
ROTATORY DISPERSION/ POTASSIUM/  
PRECIPITATION/ SOLUBILITY/ SOLVENTS/  
THIOCYANATES
2160. Golosova TV, Margolina AN, Shumaeva IaF: Obespechenie asepticheskikh uslovii pri zagotovke krovi. *Probl Gemat* 13:52, May 68 (Rus)  
ANTISEPSIS/ BACTERIOLOGICAL TECHNIQS/  
\*BLOOD PRESERVATION/ HUMAN/  
METHODS/ \*STERILIZATION/ TECHNOLOGY,  
MEDICAL
2161. Golosova TV, Margolina AN, Skala LZ, et al: Primenenie kozhnykh antiseptikov dlia obrabotki puk éksfuzionistov i loktevykh sgibov donorov. *Probl Gemat* 13:53-4, Feb 68 (Rus)  
\*ANTI-INFECTIVE AGENTS, LOCAL/ \*BLOOD  
DONORS/ BLOOD PRESERVATION/ \*ELBOW/  
\*HAND/ HOSPITAL MEDICAL STAFF/  
HUMAN/ \*STERILIZATION
2162. Golosova TV, Margolina AN, Shumaeva IaF, et al: Primenenie aërozol'nykh bakteritsidnykh tsionov dlia obezrazhivaniia vozdukh. *Probl Gemat* 13:58-9, Jan 68 (Rus)  
\*AEROSOLS/ \*AIR MICROBIOLOGY/ \*BLOOD  
PRESERVATION/ \*DISINFECTANTS/  
ENGLISH ABSTRACT/ \*STERILIZATION
2163. Golovskii EV, Blagodarov VN: Kavernoznaia gemangioma sredostenia.  
*Grudn Khir* 11:114-5, Jan-Feb 69 (Rus)  
ADULT/ CASE REPORT/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS/ HUMAN/  
\*MEDIASTINAL NEOPLASMS
2164. Golubev IS, Iuft SE, Filiashina AV: Streptaza krovi v diagnostike revmokardita u bol'nykh porokami serdtsa v otdalennom periode posle operatsii. *Klin Med (Moskva)* 48:21-6, Jan 70 (Rus)  
ENGLISH ABSTRACT/ \*ENZYME TESTS/  
FEMALE/ HUMAN/ MALE/ \*RHEUMATIC  
FEVER, diagnosis/ RHEUMATIC HEART  
DISEASE, complications/ \*STREPTOKINASE,  
blood
2165. Gomes MM, Bernatz PE: Arteriovenous fistulas: a review and ten-year experience at the Mayo Clinic. *Mayo Clin Proc* 45:81-102, Feb 70 (73 ref.)  
ANGIOGRAPHY/ AORTA, ABDOMINAL,  
surgery/ \*ARTERIOVENOUS FISTULA/



# AUTHOR SECTION

- ARTERIOVENOUS FISTULA, complications/  
ARTERIOVENOUS FISTULA, congenital/  
ARTERIOVENOUS FISTULA, diagnosis/  
ARTERIOVENOUS FISTULA, etiology/  
ARTERIOVENOUS FISTULA, history/  
ARTERIOVENOUS FISTULA, physiopathology/  
ARTERIOVENOUS FISTULA, radiography/  
ARTERIOVENOUS FISTULA, surgery/  
ARTERIOVENOUS FISTULA, therapy/  
BREAST DISEASES, etiology/ EXTREMITIES,  
blood supply/ EXTREMITIES, injuries/ FACE/  
FEMALE/ HEMANGIOMA, congenital/  
HEMANGIOMA, CAVERNOUS, congenital/  
HEMODYNAMICS/ HISTORICAL ARTICLE/  
HISTORY OF MEDICINE, 18TH CENT./  
HISTORY OF MEDICINE, 19TH CENT./  
HISTORY OF MEDICINE, 20TH CENT./  
HUMAN/ HYPERTENSION, RENAL,  
complications/ KIDNEY DISEASES, etiology/  
KIDNEY DISEASES, physiopathology/ KIDNEY  
DISEASES, surgery/ NECK/ NEOPLASM  
METASTASIS/ NEPHRECTOMY/ PELVIS/  
PULMONARY ARTERY, physiopathology/  
PULMONARY ARTERY, surgery/  
PULMONARY VEINS, physiopathology/  
PULMONARY VEINS, surgery/ REVIEW/  
VARICOSE VEINS, complications/ VASCULAR  
RESISTANCE/ VASCULAR SURGERY/ VENA  
CAVA, INFERIOR, surgery/ WOUNDS AND  
INJURIES, complications
2166. Gomes MM, McGoon DC: Bleeding patterns after  
open-heart surgery.  
J Thorac Cardiovasc Surg 60:87-97, Jul 70  
AMINOCAPROIC ACID, adverse effects/  
BLOOD COAGULATION, drug effects/ BLOOD  
COAGULATION DISORDERS, etiology/  
CYANOSIS, complications/  
EXTRACORPOREAL CIRCULATION, adverse  
effects/ HEART DEFECTS, CONGENITAL,  
surgery/ \*HEART SURGERY, adverse effects/  
HEART VALVE DISEASES, surgery/  
\*HEMORRHAGE, etiology/ HEPARIN, adverse  
effects/ HUMAN/ POSTOPERATIVE  
COMPLICATIONS
2167. Gomez Orbaneja J: Sistemática de las formaciones  
angiomatosas.  
Actas Dermosif (Madrid) 60:123-52, May-Jun 69 (Spa)  
\*ANGIOKERATOMA, classification/  
\*HEMANGIOMA, classification/ HUMAN/  
\*TELANGIECTASIA, HEREDITARY  
HEMORRHAGIC, classification
2168. Gomperts E, Geefhuysen J, Katz J, et al: Von  
Willebrand's disease in the Bantu.  
S Afr Med J 43:1107-9, 6 Sep 69  
ADULT/ BLOOD COAGULATION TESTS/  
CHILD, PRESCHOOL/ FACTOR VIII, analysis/  
FEMALE/ GENES, DOMINANT/ HUMAN/  
INFANT, NEWBORN/ MALE/ NEGROID  
RACE/ SOUTH AFRICA/ \*VON  
WILLEBRAND'S DISEASE, familial & genetic/  
\*VON WILLEBRAND'S DISEASE, occurrence
2169. Gonciarz Z, Kozmifski R, Wilk M, et al: The leucocyte  
proteolytic properties as a diagnostic aid in  
differentiation of leukemias.  
Pol Arch Med Wewnet 4:385-8, Apr-May 70  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHILD, PRESCHOOL/ HUMAN/ \*LEUKEMIA,  
diagnosis/ LEUKEMIA, LYMPHOCYTIC,  
enzymology/ LEUKEMIA, MYELOBLASTIC,  
enzymology/ LEUKEMIA, MYELOCYTIC,  
enzymology/ \*LEUKOCYTES, enzymology/  
METHODS/ MIDDLE AGE/ \*PEPTIDE  
HYDROLASES, blood
2170. Gondolfo Caramello MT: Esposizione di calcuni casi  
clinici di non frequente riscontro.  
G Batt Virol Immun 62:439-47, May-Aug 69 (Ita)  
AUTOPSY/ BRONCHOPNEUMONIA,  
complications/ CYTOMEGALIC INCLUSION  
DISEASE, mortality/ FEMALE/ HEMATOMA/  
HUMAN/ \*HYDROCELE, mortality/ INFANT,  
NEWBORN/ INFANT, NEWBORN, DISEASES,  
complications/ ITALY/ KIDNEY, pathology/  
KIDNEY DISEASES, complications/ \*KIDNEY  
DISEASES, mortality/ \*LIVER DISEASES,  
mortality/ MALE/ RUPTURE
2171. Gönner R, Thomas H: Einfluss von Verdauungssäften  
auf die Eihüllen von Taenia-Eiern.  
Z Parasitenk 32:237-53, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BILE ACIDS AND  
SALTS, pharmacodynamics/  
CARBOXYPEPTIDASES, pharmacodynamics/  
CHYMOTRYPSIN, pharmacodynamics/  
ENGLISH ABSTRACT/ HYALURONIDASE,  
pharmacodynamics/ HYDROCHLORIC ACID,  
pharmacodynamics/ \*OVUM, drug effects/  
PEPSIN, pharmacodynamics/ \*TAENIA, drug  
effects/ TRYPSIN, pharmacodynamics
2172. Gonsette R, André-Balissaux G: Etude expérimentale et  
clinique de la tolérance des capillaires cérébraux pour  
une nouvelle substance de contraste (sels de l'acide  
ioxitalamique)  
Acta Radiol [Diagn] (Stockholm) 8:535-46, Nov 69  
(Fre)  
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/  
\*BLOOD-BRAIN BARRIER, drug effects/  
BLOOD VISCOSITY/ BRAIN, blood supply/  
CAPILLARY FRAGILITY/ CAROTID  
ARTERIES, radiography/ CEREBRAL  
ANGIOGRAPHY/ \*CONTRAST MEDIA,  
toxicity/ ENGLISH ABSTRACT/ GUINEA  
PIGS/ \*IOTHALAMIC ACID, toxicity/  
PHOSPHORUS ISOTOPES
2173. Goodall CM: On para-endocrine cancer syndromes.  
Int J Cancer 4:1-13, 15 Jan 69 (110 ref.)  
ADENOCARCINOMA, metabolism/  
ANGIOSARCOMA, metabolism/ ANIMAL  
EXPERIMENTS/ ANTIBODY FORMATION/  
BREAST NEOPLASMS, metabolism/  
CARCINOMA, BRONCHOGENIC, metabolism/  
CEREBELLAR NEOPLASMS, metabolism/  
CUSHING'S SYNDROME, etiology/  
\*ENDOCRINE DISEASES, physiopathology/  
ERYTHROPOIETIN, secretion/  
FIBROSARCOMA, metabolism/ GENETIC  
CODE/ GONADOTROPINS, secretion/  
HEMANGIOPERICYTOMA, metabolism/  
\*HORMONES, secretion/ HUMAN/  
HYPERCALCEMIA, etiology/ HYPOGLYCEMIA,  
etiology/ KIDNEY NEOPLASMS, metabolism/  
LEIOMYOMA, metabolism/ LIPOSARCOMA,  
metabolism/ LIVER NEOPLASMS, metabolism/  
LUNG NEOPLASMS, metabolism/  
MESENCHYMOMA, metabolism/  
MESOTHELIOMA, metabolism/ MYOSARCOMA,  
metabolism/ NEOPLASMS, diagnosis/  
NEOPLASMS, drug therapy/ \*NEOPLASMS,  
etiology/ NEOPLASMS, radiotherapy/  
NEOPLASMS, therapy/ NEUROFIBROMA,  
metabolism/ PANCREATIC NEOPLASMS,  
metabolism/ PHOSPHATES, blood/  
POLYCYTHEMIA, etiology/ REVIEW/  
SARCOMA, metabolism/ SEROTONIN,  
secretion/ THYMOMA, metabolism/ THYMUS  
NEOPLASMS, metabolism/ THYROTROPIN,  
secretion/ UTERINE NEOPLASMS,  
metabolism/ VASOPRESSIN, secretion
2174. Goode RL, Proffitt SD, Rafaty FM: Complications of  
otoplasty. Arch Otolaryng (Chicago) 91:352-5, Apr 70  
ADOLESCENCE/ ADULT/ CARTILAGE/  
CARTILAGE DISEASES, occurrence/ CHILD/  
CHILD, PRESCHOOL/ \*EAR, EXTERNAL,  
surgery/ \*EAR, EXTERNAL, DEFORMITY,  
surgery/ ESTHETICS/ FEMALE/ HEMATOMA,  
occurrence/ HUMAN/ MALE/ METHODS/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS, occurrence/  
RETROSPECTIVE STUDIES/ \*SURGERY,  
PLASTIC/ SURGICAL WOUND DEHISCENCE,  
occurrence/ SURGICAL WOUND INFECTION,  
occurrence/ SUTURE TECHNIQS
2175. Goodfriend TL, Lin SY: Receptors for angiotensin I and  
II. Circ Res 27:Suppl 1:163+, Jul 70  
\*ADENOSINE TRIPHOSPHATASE, metabolism/  
ADENYL CYCLASE, metabolism/ \*ADRENAL  
GLANDS, metabolism/ \*ANGIOTENSIN,  
metabolism/ \*ANGIOTENSINASE, metabolism/  
ANIMAL EXPERIMENTS/ \*BINDING SITES/  
\*CATTLE/ FEMALE/ HUMAN/ IN VITRO/  
\*IODINE ISOTOPES/ \*KIDNEY, metabolism/  
\*ORGAN SPECIFICITY/ \*PEPTIDE  
PEPTIDOHYDROLASES, metabolism/



# AUTHOR SECTION

- \*PROTEIN BINDING/ \*RATS/ \*UTERUS,  
metabolism
2176. Goodfriend TL, Webster ME, McGuire JS: Complex effects of antibodies to polypeptide hormones. J Clin Endocr 30:565-72, May 70  
\*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTIBODIES/ \*ANTIGEN-ANTIBODY REACTIONS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE, drug effects/ \*BRADYKININ, pharmacodynamics/ FEMALE/ GAMMA GLOBULIN/ HYPERTENSION/ ILEUM/ IN VITRO/ INFLAMMATION/ MELANOCYTES, drug effects/ \*MSH, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDES/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ UTERUS
2177. Goodhead B: Vascular factors in the pathogenesis of acute haemorrhagic pancreatitis. Ann Roy Coll Surg Eng 45:80-97, Aug 69  
ANIMAL EXPERIMENTS/ BLOOD VOLUME/ DEXTRAN, therapeutic use/ DOGS/ FIBRINOLYTIC AGENTS, therapeutic use/ GASTROINTESTINAL SYSTEM, blood supply/ HEMATOCRIT/ PANCREAS, blood supply/ PANCREATITIS, enzymology/ PANCREATITIS, etiology/ PANCREATITIS, pathology/ PANCREATITIS, prevention & control/ PANCREATOPEPTIDASE, analysis/ PLASMA VOLUME/ RUBIDIUM/ SYMPATHECTOMY/ TRYPSIN, analysis/ \*VASCULAR DISEASES, complications
2178. Goodhead B, Wright PW: The effect of postganglionic sympathectomy on the development of hemorrhagic pancreatitis in the dog. Ann Surg 170:951-60, Dec 69  
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BODY WEIGHT/ CARDIAC OUTPUT/ DOGS/ \*HEMORRHAGE, GASTROINTESTINAL/ ORGAN WEIGHT/ PANCREAS, blood supply/ \*PANCREAS, innervation/ \*PANCREATITIS/ PANCREATITIS, pathology/ REGIONAL BLOOD FLOW/ TRYPSIN/ VAGOTOMY
2179. Goodwin WE, Latta H: Focal osmotic nephrosis due to the therapeutic use of mannitol: a case of perirenal hematoma after renal biopsy. J Urol 103:11-4, Jan 70  
ADULT/ \*BIOPSY, adverse effects/ FEMALE/ \*HEMATOMA, etiology/ HUMAN/ KIDNEY TUBULES, pathology/ \*MANNITOL, adverse effects/ \*NEPHROSIS, chemically induced/ NEPHROSIS, pathology/ OSMOSIS/ RETROPERITONEAL SPACE
2180. Gordon DH: Carbenicillin in renal failure. Lancet 2:422, 22 Aug 70  
CREATININE, blood/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ \*PENICILLIN, administration & dosage/ PENICILLIN, therapeutic use/ UREMIA, complications/ \*UREMIA, drug therapy
2181. Gore I, Takada M, Austin J: Ultrastructural basis of experimental thrombocytopenic purpura. Arch Path (Chicago) 90:197-205, Sep 70  
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, pathology/ BLOOD PLATELETS, immunology/ \*CAPILLARIES, pathology/ CAPILLARY PERMEABILITY/ \*CORONARY VESSELS, pathology/ GUINEA PIGS/ IMMUNE SERUMS/ MICROSCOPY, ELECTRON/ \*PURPURA, THROMBOTIC THROMBOCYTOPENIC, pathology/ RABBITS/ THORIUM DIOXIDE/ \*VEINS, pathology
2182. Goren HJ, Barnard EA: Relations of reactivity to structure in pancreatic ribonuclease. II. Positions of residues alkylated in certain conditions by bromoacetate. Biochemistry (Wash) 9:974-83, 17 Feb 70  
ACETIC ACIDS/ ALKYLATION/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYANIDES/ GEL FILTRATION/ HEAT/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ KINETICS/ METHIONINE/ PANCREAS, enzymology/ PYROPHOSPHATES/ \*RIBONUCLEASE/ TRYPSIN
2183. Gorin N, Jacotot B, Buxtorf JC, et al: Syndrome ischémique artériel associé à une cryoprécipitation plasmatique et à une porphyrie cutanée de l'adulte. Presse Med 78:1111-2, 16 May 70 (Fre)  
ADENINE NUCLEOTIDES, therapeutic use/ ADULT/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES/ \*BLOOD PROTEINS, analysis/ CASE REPORT/ COLD/ FIBRINOGEN/ FIBRINOLYTIC AGENTS/ GAMMA GLOBULIN, 7S, analysis/ HUMAN/ HYPERLIPIDEMIA/ IMMUNOGLOBULINS/ ISCHEMIA/ MALE/ \*PORPHYRIA, complications/ PORPHYRIA, drug therapy/ PORPHYRIA, etiology/ PORPHYRIA, familial & genetic/ PRECIPITATION/ \*RAYNAUD'S DISEASE, complications/ SKIN DISEASES, complications
2184. Gorini G, Medgyesi GA, Doria G: Heterogeneity of mouse myeloma gamma G globulins as revealed by enzymatic proteolysis. J Immun 103:1132-42, Nov 69  
ANIMAL DISEASES, immunology/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYSTEINE, pharmacodynamics/ ELECTROPHORESIS/ \*GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ GUINEA PIGS/ IMMUNOCHEMISTRY/ IMMUNOELECTROPHORESIS/ MICE/ MOLECULAR WEIGHT/ \*MULTIPLE MYELOMA, immunology/ PAPAINE, pharmacodynamics/ PEPSIN, pharmacodynamics/ \*PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ RABBITS/ STARCH/ TRYPSIN, pharmacodynamics
2185. Gorlina AA, Preobrazhenskii BS: Klinicheskoe znachenie issledovaniia svertyvalushchei i antisvertyvalushchei sistemy krovi pri nekotorykh khirurgicheskikh vmeshatel'stvakh na verkhnikh dykhatel'nykh putiakh u bol'nykh pozhilogo vozrasta. Vestn Otorinolaring 31:13-6, Mar-Apr 69 (Rus)  
AGE FACTORS/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ NASAL POLYPS, surgery/ NASAL SEPTUM, surgery/ \*NOSE DISEASES, surgery/ \*PARANASAL SINUSES, surgery/ \*POSTOPERATIVE COMPLICATIONS/ \*TONSILLECTOMY
2186. Gormsen J: En ny, hurtig og fosom metode til bestemmelse af fibrinbrydningsprodukter i serum-teoretisk og praktisk betydning. Nord Med 84:999, 30 Jul 70 (Dan)  
FIBRIN, analysis/ \*FIBRIN, metabolism/ \*FIBRINOGEN, analysis/ FIBRINOLYSIS, analysis/ FIBRINOLYSIS/ HEMAGGLUTINATION TESTS/ HUMAN
2187. Gorodetskaia SF, Lysina GG, Rappoport MB: Sta hemopoezu pid vplyvom elektromahnitnykh radiokhyl'. Fiziol Zh (Kiev) 15:805-11, Nov-Dec 69 (Ukr)  
ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, radiation effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, radiation effects/ \*HEMATOPOIESIS, radiation effects/ HEMATOPOIETIC SYSTEM, radiation effects/ HEMOGLOBIN, radiation effects/ LEUKOCYTES, radiation effects/ MICE/ NECROSIS, etiology/ RABBITS/ \*RADIATION EFFECTS/ RETICULOCYTES
2188. Grg P, Kovcs IB: The inhibitory effect of non-steroidal anti-inflammatory agents on aggregation of red cells in vitro. J Pharm Pharmacol 22:86-92, Feb 70  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS pharmacodynamics/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ \*BLOOD SEDIMENTATION/ DEXTRAN/ \*ERYTHROCYTES, drug effects/ FEMALE/



## AUTHOR SECTION

- FIBRINOGEN/ FLUFENAMIC ACID,  
pharmacodynamics/ GELATIN/  
GLUCOCORTICOIDS, pharmacodynamics/ IN  
VITRO/ INDOMETHACIN, pharmacodynamics/  
MALE/ MEFENAMIC ACID,  
pharmacodynamics/ PHENYLBUTAZONE,  
pharmacodynamics/ RATS/ SALICYLIC ACID,  
pharmacodynamics
2189. Gorokhovskii VI, Sizonenko KV: Obezbolivanie trikhlorétlenom (rotllanom) u detei pri malykh operativnykh vmeshatel'stvakh.  
Vestn Khir Grekov 104:79-82, Feb 70 (Rus)  
ABDOMEN, surgery/ ADOLESCENCE/ AGE  
FACTORS/ \*ANESTHESIA, INHALATION/  
ANGIOGRAPHY/ BURNS, complications/  
BURNS, surgery/ CHILD/ CHILD,  
PRESCHOOL/ DISLOCATIONS/ ENDOSCOPY/  
ENGLISH ABSTRACT/ FRACTURE  
FIXATION/ FURUNCULOSIS, surgery/  
HEMANGIOMA, surgery/ HUMAN/ INFANT/  
LYMPHOGRAPHY/ MANIPULATION,  
ORTHOPEDIC/ PARONYCHIA, surgery/  
PHLEBOGRAPHY/ PHLEGMON, surgery/  
PUNCTURES/ RECTUM/ SHOCK/ SHOCK,  
TRAUMATIC/ \*SURGERY, MINOR/ SUTURES/  
TAMPONS/ TRACTION/  
\*TRICHLOROETHYLENE/ URINARY  
CATHETERIZATION/ VEINS, surgery/  
WOUNDS AND INJURIES, surgery
2190. Goshima K, Tonomura Y: Synchronized beating of embryonic mouse myocardial cells mediated by FL cells in monolayer culture.  
Exp Cell Res 56:387-92, Aug 69  
AMNION/ CELL LINE/ CULTURE MEDIA/  
EMBRYO, cytology/ \*HEART RATE/ HUMAN/  
MICE/ \*MYOCARDIUM, cytology/  
THYMIDINE/ TIME FACTORS/ TISSUE  
CULTURE/ TRITIUM/ TRYPSIN
2191. Gostishchev VK, Tolstykh PI: Enzimoterapija troficheskikh lazv.  
Sovet Med 33:43-7, Mar 70 (26 ref.) (Rus)  
ANIMAL EXPERIMENTS/ BURNS, drug  
therapy/ CHRONIC DISEASE/  
CHYMOTRYPSIN, therapeutic use/ DIABETIC  
ANGIOPATHIES/ GANGRENE, drug therapy/  
GANGRENE, therapy/ HUMAN/ INJECTIONS,  
INTRAMUSCULAR/ INJECTIONS,  
INTRAVENOUS/ \*LEG ULCER, drug therapy/  
LEG ULCER, surgery/ \*PEPTIDE  
HYDROLASES, administration & dosage/  
PREOPERATIVE CARE/ REVIEW/ SKIN  
ULCER, drug therapy/ TRYPSIN, therapeutic  
use
2192. Gostishchev VK, Tolstykh PI: Enzimoterapija troficheskikh lazv.  
Sovet Med 33:43-7, Mar 70 (26 ref.) (Rus)  
ANIMAL EXPERIMENTS/ BURNS, drug  
therapy/ CHRONIC DISEASE/  
CHYMOTRYPSIN, therapeutic use/ DIABETIC  
ANGIOPATHIES/ GANGRENE, drug therapy/  
GANGRENE, therapy/ HUMAN/ INJECTIONS,  
INTRAMUSCULAR/ \*LEG ULCER, drug  
therapy/ LEG ULCER, surgery/ \*PEPTIDE  
HYDROLASES, administration & dosage/  
PREOPERATIVE CARE/ REVIEW/ SKIN  
ULCER, drug therapy/ TRYPSIN, therapeutic  
use
2193. Gotoff SP, Behrman RE: Neonatal septicemia.  
J Pediat 76:142-53, Jan 70  
ADRENAL GLAND HYPOFUNCTION, etiology/  
ANTIBIOTICS, therapeutic use/ BLOOD  
COAGULATION DISORDERS, etiology/  
HUMAN/ HYPONATREMIA, etiology/  
INFANT, NEWBORN/ \*INFANT, NEWBORN,  
DISEASES/ MATERNAL-FETAL EXCHANGE/  
\*SEPTICEMIA/ SEPTICEMIA, complications/  
SEPTICEMIA, diagnosis/ SEPTICEMIA,  
etiology/ SEPTICEMIA, immunology/  
SEPTICEMIA, mortality/ SEPTICEMIA,  
therapy/ SHOCK, ENDOTOXIC, etiology
2194. Gottstein U, Sedlmeyer I, Schöttler M, et al: Der Effekt von niedermolekularem Dextran auf die Unterschenkeldurchblutung von Gesunden und von Kranken mit peripheren arteriellen  
Zirkulationsstörungen.  
Deutsch Med Wschr 95:1955-9, 25 Sep 70 (Ger)  
BLOOD CIRCULATION, drug effects/ BLOOD  
FLOW VELOCITY/ BLOOD VISCOSITY/  
\*DEXTRAN, administration & dosage/  
ENGLISH ABSTRACT/ FEMORAL ARTERY/  
HUMAN/ HYPEREMIA, chemically induced/  
\*LEG, blood supply/ METHODS/ MIDDLE  
AGE/ PLETHYSMOGRAPHY/ \*REGIONAL  
BLOOD FLOW, drug effects/  
\*THROMBOEMBOLISM, drug therapy/ TIME  
FACTORS
2195. Gottwald W: Dermatologische Komplikationen bei Anwendung von Hydantoinkörpern (Übersicht)  
Z Haut Geschlechtskr 44:471-90, 1 Jul 69 (123 ref.) (Ger)  
ADOLESCENCE/ ADULT/ ALOPECIA,  
chemically induced/ ANIMAL EXPERIMENTS/  
CHILD/ DERMATITIS MEDICAMENTOSA,  
etiology/ FEMALE/ HUMAN/ \*HYDANTOINS,  
adverse effects/ HYPERTRICHOSIS, chemically  
induced/ LUPUS ERYTHEMATOSUS,  
SYSTEMIC, chemically induced/ LYMPHATIC  
DISEASES, chemically induced/ MALE/  
MIDDLE AGE/ PERIODONTAL DISEASES,  
chemically induced/ PIGMENTATION  
DISORDERS, chemically induced/ PURPURA,  
THROMBOPENIC, chemically induced/  
REVIEW/ \*SKIN DISEASES, chemically  
induced/ VASCULAR DISEASES, chemically  
induced
2196. Götz H: "Marchionni-Gedächtnisvorlesung" Das kranke Bein aus der Sicht der Dermatologen.  
Z Haut Geschlechtskr 44:595-608, 15 Sep 69 (Ger)  
ACRODERMATITIS, pathology/ AMYLOIDOSIS,  
pathology/ ANGIOMATOSIS, pathology/  
ANGIONEUROTIC EDEMA, pathology/  
CURRENT BIOG-OBIT/ ECTHYMA, pathology/  
ERYSIPELAS, pathology/ ERYTHEMA,  
pathology/ FILARIASIS, pathology/  
GRANULOMA, pathology/ HISTIOCYTOMA,  
pathology/ HUMAN/ HYPERSENSITIVITY,  
pathology/ LEG, abnormalities/ \*LEG  
DERMATOSIS, pathology/ LEIOMYOMA,  
pathology/ LYMPHANGIOMA, pathology/  
LYMPHANGITIS, pathology/ LYMPHEDEMA,  
pathology/ MELANOMA, pathology/  
MYXEDEMA, pathology/ NECROBIOSIS  
LIPOIDICA, pathology/ NEVUS, pathology/  
SARCOMA, RETICULUM CELL, pathology/  
\*SKIN NEOPLASMS, pathology/  
THROMBOPHLEBITIS, pathology/ TINEA,  
pathology/ TUBERCULOSIS, CUTANEOUS,  
pathology/ VARICOSE ULCER, pathology/  
VASCULAR DISEASES, pathology
2197. Gould GW: Symposium on bacterial spores: IV. Germination and the problem of dormancy.  
J Appl Bact 33:34-49, Mar 70  
AMINO ACIDS, pharmacodynamics/ BACILLUS,  
growth & development/ \*BACTERIA, growth  
& development/ BICARBONATES,  
pharmacodynamics/ CALCIUM/  
CARBOHYDRATES, pharmacodynamics/  
CLOSTRIDIUM, growth & development/  
CULTURE MEDIA/ IONS/ LACTATES,  
pharmacodynamics/ METALS,  
pharmacodynamics/ MURAMIDASE,  
pharmacodynamics/ NICOTINAMIDE,  
pharmacodynamics/ NUCLEOSIDES,  
pharmacodynamics/ PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
PICOLINIC ACIDS, pharmacodynamics/  
PRESSURE/ PURINES, pharmacodynamics/  
SPORES, drug effects/ \*SPORES, growth &  
development/ SPORES, metabolism
2198. Gourdeau R, Denton RL: Steroids and hemophilia.  
Bibl Haemat 34:65-8, 1970  
CHILD/ FACTOR VIII, therapeutic use/  
\*GLUCOCORTICOIDS, therapeutic use/  
\*HEMATURIA, drug therapy/ HEMATURIA,  
etiology/ \*HEMOPHILIA, complications/  
HUMAN/ MALE/ PREDNISONE, therapeutic  
use
2199. Goutelle A, Lapras C, Trillet M, et al: Les hématomes intra-cérébraux révélateurs d'une tumeur cérébrale.



# AUTHOR SECTION

- Neurochirurgia (Stuttgart) 12:218-27, Nov 69 (Fre)  
 AGED/ \*BRAIN NEOPLASMS, diagnosis/  
 BRAIN NEOPLASMS, pathology/  
 CEREBELLUM/ FEMALE/ \*HEMATOMA,  
 complications/ HEMATOMA, surgery/ HUMAN/  
 MALE/ \*MEDULLOBLASTOMA, diagnosis/  
 MEDULLOBLASTOMA, pathology/ MIDDLE  
 AGE/ NEOPLASM METASTASIS/ TIME  
 FACTORS
2200. Govorovich EA: Puti ustraneniia nekotorykh  
 pobochnykh vliianii antibiotikov na bol'noi organizm.  
 Sovet Med 32:34-8, Aug 69 (Rus)  
 \*ANTIBIOTICS, adverse effects/ DIET  
 THERAPY/ ENGLISH ABSTRACT/ HEPARIN,  
 therapeutic use/ HUMAN/ INTESTINE,  
 SMALL, drug effects/ POTASSIUM,  
 therapeutic use
2201. Goyer RA, May P, Cates MM, et al: Lead and protein  
 content of isolated intranuclear inclusion bodies from  
 kidneys of lead-poisoned rats.  
 Lab Invest 22:245-51, Mar 70  
 ANIMAL EXPERIMENTS/ CELL NUCLEUS,  
 analysis/ CENTRIFUGATION/ \*CYTOPLASMIC  
 GRANULES, analysis/ HISTONES/ \*KIDNEY  
 TUBULES, pathology/ LEAD, analysis/ \*LEAD  
 POISONING, pathology/ MALE/ MICROSCOPY,  
 ELECTRON/ \*PROTEIN BINDING/ PROTEINS,  
 analysis/ RATS/ RIBONUCLEASE/ TRYPSIN/  
 VIBRATION
2202. Graaf FK de, Spanjaardt Speckman EA, Stouthamer  
 AH: Mode of action of a bacteriocin produced by  
 Enterobacter cloacae DF13.  
 Antonie Leeuwenhoek 35:287-306, 1969  
 BACTERIOCINS, antagonists & inhibitors/  
 \*BACTERIOCINS, pharmacodynamics/ CARBON  
 ISOTOPES/ CULTURE MEDIA/ DNA,  
 BACTERIAL, analysis/  
 \*ENTEROBACTERIACEAE, drug effects/  
 ENTEROBACTERIACEAE, metabolism/  
 FERMENTATION, drug effects/  
 GALACTOSIDASE, analysis/ KLEBSIELLA,  
 drug effects/ LEUCINE, metabolism/  
 MUTATION/ OXYGEN CONSUMPTION, drug  
 effects/ PROTEINS, biosynthesis/  
 RECEPTORS, DRUG/ RNA, BACTERIAL,  
 analysis/ TRYPSIN, pharmacodynamics
2203. Grabstald H: Prostatic fossa packing via cystostomy  
 tube: an aid to hemostasis in selected cases.  
 J Urol 103:200-1, Feb 70  
 ADENOMA, surgery/ \*BLADDER, surgery/  
 \*HEMOSTASIS/ HUMAN/ MALE/ METHODS/  
 \*PROSTATE, surgery/ PROSTATIC  
 NEOPLASMS, surgery/ SURGICAL  
 INSTRUMENTS/ SUTURE TECHNIQS/  
 URINARY CATHETERIZATION
2204. Gracy RW, Lacko AG, Brox LW, et al: Structural  
 relations in aldolases purified from rat liver and  
 muscle and Novikoff hepatoma.  
 Arch Biochem 136:480-90, Feb 70  
 \*ALDEHYDE-LYASES, analysis/ AMINO  
 ACIDS, analysis/ ANIMAL EXPERIMENTS/  
 BINDING SITES/ CARBOXYPEPTIDASES/  
 CHROMATOGRAPHY/ ELECTROPHORESIS/  
 ELECTROPHORESIS, DISK/ GELS/  
 GUANIDINES/ \*HEPATOMA, enzymology/  
 HEXOSEPHOSPHATES/ \*LIVER, enzymology/  
 MALE/ MOLECULAR WEIGHT/ \*MUSCLES,  
 enzymology/ PAPER/ PEPTIDES, analysis/  
 RATS/ TRYPSIN/ TYROSINE/  
 ULTRACENTRIFUGATION
2205. Grady ED, Nolan TR, Crumbley AJ, et al:  
 Chemotherapy and radiation therapy together to treat  
 cancer. Oncology 24:118-36, 1970  
 ANTINEOPLASTIC AGENTS, administration &  
 dosage/ \*ANTINEOPLASTIC AGENTS,  
 therapeutic use/ CELL DIVISION, radiation  
 effects/ CYCLOPHOSPHAMIDE, therapeutic  
 use/ DNA, NEOPLASM, biosynthesis/  
 FEMALE/ FLUOROURACIL, therapeutic use/  
 HEPARIN, therapeutic use/ HUMAN/  
 HYPERBARIC OXYGENATION/ INJECTIONS,  
 INTRA-ARTERIAL/ INJECTIONS,  
 INTRAVENOUS/ IRRIGATION/ MALE/  
 METHOTREXATE, therapeutic use/  
 \*NEOPLASMS, drug therapy/ \*NEOPLASMS,  
 radiotherapy/ NEOPLASMS, surgery/  
 NITROGEN, metabolism/ OXYGEN,  
 metabolism/ PERFUSION/ PHLEBITIS,  
 prevention & control/ THIO-TEPA, therapeutic  
 use/ TIME FACTORS/ VINBLASTINE,  
 therapeutic use
2206. Grage TB, Rochlin DB, Weiss AJ, et al: Clinical studies  
 with tubercidin administered after absorption into  
 human erythrocytes. Cancer Res 30:79-81, Jan 70  
 ABSORPTION/ BLOOD PLATELETS, drug  
 effects/ BLOOD SUGAR, analysis/ CLINICAL  
 RESEARCH/ EDTA, blood/ EDTA, therapeutic  
 use/ EDTA, toxicity/ \*ERYTHROCYTES, drug  
 effects/ GASTROINTESTINAL SYSTEM, drug  
 effects/ HUMAN/ KIDNEY/ KIDNEY, drug  
 effects/ LEUKOCYTES, drug effects/  
 NEOPLASMS, drug therapy/ NUCLEOSIDES,  
 blood/ NUCLEOSIDES, metabolism/  
 NUCLEOSIDES, therapeutic use/  
 NUCLEOSIDES, toxicity
2207. Graham JC Jr, Weidner WA, Vinik M: The angiographic  
 features of organizing splenic hematoma  
 (?hamartoma). Amer J Roentgen 107:430-3, Oct 69  
 DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
 HAMARTOMA, etiology/ \*HAMARTOMA,  
 radiography/ HEMATOMA, etiology/  
 \*HEMATOMA, radiography/ HUMAN/ MIDDLE  
 AGE/ SPLENIC ARTERY, radiography/  
 SPLENIC DISEASES, radiography/ \*SPLENIC  
 NEOPLASMS, radiography/ WOUNDS AND  
 INJURIES, complications
2208. Gralnick HR: Epsilon-aminocaproic acid in  
 preoperative correction of haemostatic defect in  
 cyanotic congenital heart-disease.  
 Lancet 1:1204-5, 6 Jun 70  
 ADOLESCENCE/ ADULT/ \*AMINOCAPROIC  
 ACID, therapeutic use/ \*BLOOD  
 COAGULATION DISORDERS, drug therapy/  
 BLOOD COAGULATION FACTORS, analysis/  
 BLOOD COAGULATION TESTS/ CHILD/  
 CYANOSIS, congenital/ \*HEART DEFECTS,  
 CONGENITAL, complications/ HEART  
 DEFECTS, CONGENITAL, surgery/  
 HEMATOCRIT/ HUMAN/ PLASMINOGEN,  
 analysis/ POSTOPERATIVE COMPLICATIONS,  
 prevention & control/ \*PREOPERATIVE  
 CARE/ PROTHROMBIN TIME
2209. Grangaud R, Nicol M, Savoure N: Participation des  
 vitamines à la synthèse d'hormones.  
 Ann Nutr (Paris) 23:B17-39, 1969 (Fre)  
 ANIMAL EXPERIMENTS/ ASCORBIC ACID,  
 physiology/ BIBLIOGRAPHY/ BIOTIN,  
 physiology/ FOLIC ACID, physiology/ GUINEA  
 PIGS/ \*HORMONES, biosynthesis/ MALE/  
 NICOTINAMIDE, physiology/ PANTOTHENIC  
 ACID, physiology/ PYRIDOXINE, physiology/  
 RATS/ RIBOFLAVIN, physiology/ THIAMINE,  
 physiology/ VITAMIN A, physiology/ VITAMIN  
 B 12, physiology/ VITAMIN D, physiology/  
 VITAMIN E, physiology/ VITAMIN K,  
 physiology/ \*VITAMINS, physiology
2210. Grangaud R, Nicol M, Massonet R, et al: Données  
 actuelles sur la biogénèse des vitamines liposolubles  
 Ann Nutr (Paris) 23:B81-98, 1969 (148 ref.) (Fre)  
 ANIMAL EXPERIMENTS/ RATS/ REVIEW/  
 VITAMIN A, biosynthesis/ VITAMIN D,  
 biosynthesis/ VITAMIN E, biosynthesis/  
 VITAMIN K, biosynthesis/ \*VITAMINS,  
 biosynthesis
2211. Granger P, Dahlheim H, Thureau K: Renin-  
 Angiotensinase- und Converting  
 Enzym-Bestimmungen an einzelnen  
 mikrodisszierten juxtaglomerulären Apparaten un-  
 Tellen des Nephrons.  
 Pflueger Arch 312:R87-8, 1969 (Ge)  
 \*ANGIOTENSINASE, metabolism/ ANIMAL  
 EXPERIMENTS/ \*JUXTAGLOMERULAR  
 APPARATUS, enzymology/ \*KIDNEY  
 TUBULES, enzymology/ \*PEPTIDE  
 PEPTIDOHYDROLASES, metabolism/ RATS/  
 \*RENIN, metabolism
2212. Grannis GF: Plasma fibrinogen: determination, norm



# AUTHOR SECTION

- values, physiopathologic shifts, and fluctuations.  
Cln Chem 16:486-94, Jun 70  
AMMONIUM COMPOUNDS/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
DISORDERS, blood/ COMPARATIVE STUDY/  
DENSITOMETRY/ DIABETES MELLITUS,  
blood/ \*FIBRINOGEN, blood/ GLYCINE/  
LIVER DISEASES, blood/ METHODS/  
\*PRECIPITATION/ SULFATES/  
ULTRAVIOLET RAYS/ VASCULAR DISEASES,  
blood
2213. Grant MD, Horowitz HI, Lorian V, et al:  
Waterhouse-Friderichsen syndrome induced by  
pneumococemic shock. JAMA 212:1373-4, 25 May 70  
ADRENAL GLANDS, pathology/  
AFIBRINOGENEMIA, complications/  
AUTOPSY/ BLOOD COAGULATION TESTS/  
ECCHYMOSIS, complications/ FEMALE/  
HUMAN/ INFARCTION/ MIDDLE AGE/  
NECROSIS/ \*PNEUMOCOCCAL INFECTIONS,  
complications/ PROTHROMBIN TIME/  
SEPTICEMIA, complications/ \*SHOCK,  
ENDOTOXIC, complications/ SPLEEN, blood  
supply/ SPLEEN, pathology/ THROMBOPEINIA,  
complications/ \*WATERHOUSE-FRIDERICHSEN  
SYNDROME, etiology/  
WATERHOUSE-FRIDERICHSEN SYNDROME,  
pathology
2214. Grasso E, Vaccari A: La malattia emorragica del  
neonato. Nuovi orientamenti patogenetici.  
Minerva Pediat 20:1139-69, 2 Jun 68 (Ita)  
\*ADENINE NUCLEOTIDES, blood/ ADULT/  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELET  
DISORDERS, complications/ ENGLISH  
ABSTRACT/ HEMOLYSIS/ \*HEMORRHAGIC  
DISEASE OF NEWBORN, etiology/ HUMAN/  
INFANT/ INFANT, NEWBORN/ \*SEROTONIN,  
blood
2215. Graumann W, Arnold M: Färberische Darstellung der  
Zymogengranula des Pankreas aufgrund ihres Gehalts  
an Chymotrypsinogen.  
Histochemie 20:355-62, 1969 (Ger)  
ANIMAL EXPERIMENTS/ CATTLE/  
\*CHYMOTRYPSIN/ CYTOPLASMIC  
GRANULES/ \*ENZYME PRECURSORS,  
analysis/ FORMIC ACIDS/  
HISTOCYTOCHEMISTRY/ \*PANCREAS,  
anatomy & histology/  
SPECTROPHOTOMETRY/ \*STAINS AND  
STAINING/ SULFIDES
2216. Graw RG Jr, Buckner CD, Eisel R: Plasma exchange  
transfusion for hepatic coma. New technic.  
Transfusion 10:26-32, Jan-Feb 70  
ARTERIOVENOUS SHUNT, SURGICAL/  
BLOOD COAGULATION TESTS/ CITRATES/  
\*EXCHANGE TRANSFUSION/ FEMALE/  
GLUCOSE/ HEPARIN, pharmacodynamics/  
\*HEPATIC COMA, therapy/ HEPATITIS,  
INFECTIOUS, complications/ HEPATITIS,  
INFECTIOUS, mortality/ HUMAN/ LIVER  
FUNCTION TESTS/ METHODS/ MIDDLE  
AGE/ PLASMA/ PROTAMINES,  
pharmacodynamics
2217. Gray WR, Del Valle UE: Application of mass  
spectrometry to protein chemistry. I. Method for  
amino-terminal sequence analysis of proteins.  
Biochemistry (Wash) 9:2134-7, 12 May 70  
ACETIC ACIDS/ \*AMINO ACID SEQUENCE/  
\*BENCE JONES PROTEIN/ CHEMISTRY/  
HUMAN/ METHODS/ METHYLATION/  
PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/  
\*PROTEINS/ \*SPECTRUM ANALYSIS
2218. Greaves JH, Ayres P: Linkages between genes for coat  
colour and resistance to warfarin in Rattus  
norvegicus. Nature (London) 224:284-5, 18 Oct 69  
ANIMAL EXPERIMENTS/ CHROMOSOME  
MAPPING/ GENETICS, BIOCHEMICAL/ RATS/  
\*RECOMBINATION, GENETIC/ \*WARFARIN,  
pharmacodynamics
2219. Green D: Commonly used drugs adversely affecting  
nervous system. New York J Med 70:2444-7, 1 Oct 70  
\*ANTICOAGULANTS, adverse effects/  
\*ANTICONVULSANTS, adverse effects/  
HUMAN/ \*NARCOTICS, adverse effects/  
\*NERVOUS SYSTEM DISEASES, chemically  
induced/ \*STEROIDS, adverse effects
2220. Green D, Schmid FR: Management of hemarthrosis.  
New Eng J Med 282:1212, 21 May 70  
ADRENAL CORTEX HORMONES, therapeutic  
use/ BLOOD COAGULATION FACTORS,  
therapeutic use/ \*HEMARTHROSIS, therapy/  
HUMAN/ IMMOBILIZATION/ MALE
2221. Green I, Paul WE, Benacerraf B: Genetic control of  
immunological responsiveness in guinea pigs to  
2,4-dinitrophenyl conjugates of poly-L-arginine,  
protamine, and poly-L-ornithine.  
Proc Nat Acad Sci USA 64:1095-102, Nov 69  
ANIMAL EXPERIMENTS/ \*ANTIBODY  
FORMATION/ \*ANTIGENS/ ARGININE/  
DINITROPHENOLS/ DNA, biosynthesis/  
\*GENES, DOMINANT/ GUINEA PIGS/  
\*HAPTENS, pharmacodynamics/  
HYPERSENSITIVITY, DELAYED/ IN VITRO/  
LYMPH NODES, metabolism/ LYSINE/  
MYCOBACTERIUM, immunology/  
MYCOBACTERIUM TUBERCULOSIS,  
immunology/ ORNITHINE/ \*PEPTIDES,  
pharmacodynamics/ \*PROTAMINES,  
pharmacodynamics/ THYMIDINE, metabolism/  
TISSUE CULTURE
2222. Green JA, Cooperband SR, Rutstein JA, et al: Inhibition  
of target cell proliferation by supernatants from  
cultures of human peripheral lymphocytes.  
J Immun 105:48-54, Jul 70  
CARCINOMA/ CELL LINE/ DNA,  
biosynthesis/ FIBROBLASTS/ HELA CELLS/  
HUMAN/ IN VITRO/ LARYNGEAL  
NEOPLASMS/ LYMPHOCYTE  
TRANSFORMATION/ \*LYMPHOCYTES,  
immunology/ MITOSIS/ MOUTH NEOPLASMS/  
PLANT AGGLUTININS, pharmacodynamics/  
THYMIDINE, metabolism/ TISSUE CULTURE/  
TRITIUM/ TRYPSIN, pharmacodynamics
2223. Green ML, Crutchfield G: Studies on the preparation of  
water-insoluble derivatives of rennin and  
chymotrypsin and their use in the hydrolysis of casein  
and the clotting of milk. Biochem J 115:183-90, Nov 69  
\*AUTOMATION/ \*CASEIN/ CELLULOSE/  
CHEESE/ CHYMOTRYPSIN, antagonists &  
inhibitors/ \*CHYMOTRYPSIN, chem synthesis/  
HYDROGEN-ION CONCENTRATION/ \*MILK,  
drug effects/ POLYSACCHARIDES/  
PRECIPITATION/ \*RENNIN, chem synthesis/  
SOLUBILITY
2224. Green N, French S, Fingerhut A: Radiation inhibition of  
peritoneal adhesions: an experimental study.  
Proc Soc Exp Biol Med 133:544-50, Feb 70  
ADHESIONS, chemically induced/ ADHESIONS,  
pathology/ \*ADHESIONS,  
prevention & control/ ANIMAL  
EXPERIMENTS/ BIREFRINGENCE/  
COLLAGEN, analysis/ LIVER, pathology/  
MALE/ MESENTERY, pathology/  
MESENTERY, radiation effects/ MICROSCOPY,  
POLARIZATION/ PERITONEAL DISEASES,  
chemically induced/ \*PERITONEAL DISEASES,  
prevention & control/ \*RADIATION  
EFFECTS/ RATS/ SILICA
2225. Green RW, McKay RH: The behavior of horse liver  
alcohol dehydrogenase in guanidine hydrochloride  
solutions. J Biol Chem 244:5034-43, 25 Sep 69  
ALCOHOL, ETHYL/ \*ALCOHOL  
OXIDOREDUCTASES/ ALCOHOL  
OXIDOREDUCTASES, analysis/ ALCOHOL  
OXIDOREDUCTASES, antagonists & inhibitors/  
ALKYLATION/ CHEMISTRY/  
CHYMOTRYPSIN/ COMPUTERS, DIGITAL/  
DIFFUSION/ EDTA/ \*GUANIDINES/ HORSES/  
KINETICS/ \*LIVER, enzymology/  
MATHEMATICS/ MERCAPTOETHANOL/  
MOLECULAR WEIGHT/ NAD/ PROTEIN  
DENATURATION/ ULTRACENTRIFUGATION/  
VISCOSITY/ ZINC, analysis



## AUTHOR SECTION

2226. Green WH, Kernish AI, Wohl GT: Percutaneous selective arteriography in abdominal emergencies. Amer J Roentgen 107:803-11, Dec 69  
ADULT/ ANGIOGRAPHY/ \*EMERGENCIES/ HEMATOMA, radiography/ \*HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ KIDNEY, injuries/ KIDNEY DISEASES, radiography/ LIVER DISEASES, radiography/ MALE/ MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, radiography/ MESENTERIC VEINS/ RENAL ARTERY OBSTRUCTION, radiography/ SPLENIC RUPTURE, radiography/ WOUNDS AND INJURIES, radiography
2227. Greenberg M, Milne JF, Watt A: Survey of workers exposed to dusts containing derivatives of *Bacillus subtilis*. Brit Med J 2:629-33, 13 Jun 70  
\*BACILLUS SUBTILIS/ DETERGENTS/ DUST/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ \*OCCUPATIONAL DISEASES, occurrence/ \*PEPTIDE HYDROLASES/ RESPIRATORY HYPERSENSITIVITY, diagnosis/ SKIN TESTS/ SMOKING/ SPIROMETRY
2228. Greene RR, Gerbie AB, Gerbie MV, et al: Hemangiopericytomas of the uterus. Amer J Obstet Gynec 106:1020-31, 1 Apr 70  
ADULT/ AGED/ FEMALE/ \*HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ MIDDLE AGE/ \*UTERINE NEOPLASMS/ UTERINE NEOPLASMS, diagnosis/ UTERINE NEOPLASMS, pathology
2229. Greenfield N, Fasman GD: Computed circular dichroism spectra for the evaluation of protein conformation. Biochemistry (Wash) 8:4108-16, Oct 69  
CARBOXYPEPTIDASES, analysis/ CHYMOTRYPSIN, analysis/ COMPUTERS/ ENZYME PRECURSORS, analysis/ LYSINE, analysis/ MURAMIDASE, analysis/ MYOGLOBIN, analysis/ OPTICAL ROTATORY DISPERSION/ \*PROTEINS, analysis/ RIBONUCLEASE, analysis/ SPECTRUM ANALYSIS/ X-RAY DIFFRACTION
2230. Greenwalt TJ, Flory LL, Paige JC, et al: Autoradiography of soluble metabolites in red blood cells. Transfusion 9:314-6, Nov-Dec 69  
ADENOSINE TRIPHOSPHATE, blood/ ALDEHYDES/ BLOOD PRESERVATION/ \*ERYTHROCYTES, metabolism/ \*GLUCOSE, metabolism/ HUMAN/ \*RADIOAUTOGRAPHY/ TRITIUM
2231. Greenwalt TJ, Paige JC, Etoh N, et al: Autoradiography of diffusible compounds in human nonnucleated erythrocytes: studies with tritiated glucose and adenine. Blood 35:624-36, May 70  
ACIDS/ \*ADENINE, metabolism/ ADULT/ ALDEHYDES, pharmacodynamics/ BLOOD PRESERVATION/ CITRATES/ DIFFUSION/ \*ERYTHROCYTES, metabolism/ FEMALE/ \*GLUCOSE, metabolism/ GLUTARATES, pharmacodynamics/ HUMAN/ MALE/ NUCLEOSIDES, metabolism/ \*RADIOAUTOGRAPHY/ TRITIUM
2232. (Gegersen MI), Chien S: Obituary. Magnus Ingstrup Gregersen 1903-1969. Biorheology 6:155-9, Jan 70  
\*BLOOD VISCOSITY/ CURRENT BIOG-OBIT/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ MEMBRANES, ARTIFICIAL/ \*PHYSIOLOGY, history/ RHEOLOGY, history/ \*SHOCK, history/ THIRST/ UNITED STATES
2233. Gregersen MI, Usami S, Bryant CA, et al: Rheological significance of species differences in erythrocyte deformability. Biorheology 6:249, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ CENTRIFUGATION/ DOGS/ ELEPHANTS/ \*ERYTHROCYTES, physiology/ FILTRATION/ GOATS/ HUMAN/ IN VITRO/ \*RHEOLOGY/ SHEEP/ SPECIES SPECIFICITY/ TURKEYS
2234. Grégoir W: Hemostatic adenomectomy. Urol Int 24:426-38, 1969  
HEMATURIA, prevention & control/ \*HEMORRHAGE, prevention & control/ \*HEMOSTASIS/ HUMAN/ MALE/ PROSTATE, blood supply/ \*PROSTATECTOMY/ \*PROSTATIC HYPERTROPHY, surgery/ SUTURE TECHNIQS
2235. Grégoir W: A adenomectomy hemostática. Rev Ass Med Brasil 15:493-6, Dec 69 (Por)  
ENGLISH ABSTRACT/ \*HEMOSTASIS/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ PROSTATECTOMY/ \*PROSTATIC HYPERTROPHY, surgery
2236. Greidanus TH, Van Slyck EJ, Monto RW: Surreptitious ingestion of oral anticoagulants. Henry Ford Hosp Med J 18:99-106, Summer 70  
ADULT/ \*ANTICOAGULANTS/ \*DRUG ABUSE/ FEMALE/ HUMAN/ \*HYPOPROTHROMBINEMIAS, chemically induced/ \*MALINGERING/ MIDDLE AGE
2237. Greiff D, Brooker D, Mackey S: Cryobiology of platelets. I. Aminopeptidase activity as a measure of intactness of platelets in vitro. Cryobiology 6:194-9, Nov-Dec 69  
\*AMINOPEPTIDASES, blood/ \*BLOOD PLATELETS, enzymology/ BLOOD PRESERVATION/ BUFFERS/ ERYTHROCYTES/ \*FREEZING/ HUMAN/ HYPOTONIC SOLUTIONS/ IN VITRO/ LEUKOCYTES/ NAPHTHALENES/ SODIUM CHLORIDE
2238. Greten H, Levy RI, Fales H, et al: Hydrolysis of diglyceride and glyceryl monoester diethers with "lipoprotein lipase". Biochim Biophys Acta 210:39-45, 9 Jun 70  
ADIPOSE TISSUE, enzymology/ AMMONIUM COMPOUNDS/ ESTERS/ ETHERS, metabolism/ \*GLYCERIDES, metabolism/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ LIPASE, metabolism/ \*LIPOPROTEIN LIPASE, metabolism/ MYOCARDIUM, enzymology/ PHOSPHATES/ PROTAMINES/ RATS/ SODIUM CHLORIDE/ TRITIUM
2239. Gribauskas PS: O raschete urovnia fibrinoliticheskoj aktivnosti. Lab Delo 8:485, 1969 (Rus)  
\*BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS/ HUMAN/ METHODS
2240. Gridina GD: Aktivnost' lipoproteinovoi lipazy v krov' bol'nykh tuberkulezom legkikh. Probl Tuberk 47:52-6, 1969 (Rus)  
ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ \*LIPOPROTEIN LIPASE, blood/ \*LIPOPROTEINS, blood/ MALE/ \*TUBERCULOSIS, PULMONARY, enzymology
2241. Griffin TB, Prescott JM: Some physical characteristics of a proteinase from *Aeromonas proteolytica*. J Biol Chem 245:1348-56, 25 Mar 70  
AMINO ACIDS, analysis/ AMINOPEPTIDASES/ \*BACTERIA, enzymology/ BACTERIA, growth & development/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ DIFFUSION/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLECULAR WEIGHT/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SPECIES SPECIFICITY/ ULTRACENTRIFUGATION/ ZINC, analysis
2242. Grigorian AA: Primenenie geparina i epsilon-aminokapronovoi kisloty pri afibrinogenemicheskom krvotachenii. Zh Eksp Klin Med 10:80-3, 1970 (Rus)  
ADULT/ \*AFIBRINOGENEMIA, drug therapy/ \*AMINOCAPROIC ACID, therapeutic use/ CASE REPORT/ FEMALE/ \*HEMORRHAGE, POSTPARTUM, drug therapy/ HUMAN/ PREGNANCY



# AUTHOR SECTION

2243. Grigorian AV, Gostishchev VK, Panyshin NN, et al: Proteoliticheskie fermenty v lechenii bol'nykh tromboflebitom. Sovet Med 32:89-95, Feb 69 (Rus)  
\*CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ \*THROMBOPHLEBITIS, drug therapy/ \*TRYPSIN, therapeutic use
2244. Grigorian AV, Lohvitskiĭ SV: O preduprezhdenii gnoinykh oslozhnenii posle khirurgicheskikh operatsii. Khirurgiia (Moskva) 45:7-13, May 69 (Rus)  
\*ANTIBIOTICS, administration & dosage/ \*ANTI-INFLAMMATORY AGENTS, TOPICAL/ CHYMOTRYPSIN, administration & dosage/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ HUMAN/ \*PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ STERILIZATION/ \*SUPPURATION, prevention & control/ \*SURGICAL WOUND INFECTION, prevention & control/ TRYPSIN, administration & dosage
2245. Grigorian NA, Alimov TU: Izmeneniia svertyvalushchei i antisvertyvalushchei sistemy krovi vo vremia endotrahkeal'nogo narkoza. Eksp Khir Anest 14:64-7, Nov-Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*ANESTHESIA, INTRATRACHEAL, adverse effects/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE
2246. Grimaldi MG: Sostanze ad azione anti-immuno-adesione nel trattamento delle glomerulonefriti acute metastreptococciche. Folia Allerg (Roma) 17:134-42, Mar-Apr 70 (Ita)  
ADULT/ ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ \*GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ STREPTOCOCCAL INFECTIONS, drug therapy
2247. Griner PF, Hoyer LW: Amegakaryocytic thrombocytopenia in systemic lupus erythematosus. Arch Intern Med (Chicago) 125:328-32, Feb 70  
ADOLESCENCE/ ADULT/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ FEMALE/ HUMAN/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ \*MEGAKARYOCYTES/ \*THROMBOPENIA, etiology/ THROMBOPENIA, immunology/ THROMBOPENIA, therapy
2248. Grishman E, Churg J: Ultrastructure of dermal lesions in systemic lupus erythematosus. Lab Invest 22:189-97, Mar 70  
ADULT/ AUTOPSY/ BIOPSY/ CONNECTIVE TISSUE, pathology/ ELASTIC TISSUE, pathology/ EOSINOPHILS/ FEMALE/ FIBRIN/ HISTOCYTOCHEMISTRY/ HUMAN/ INFLAMMATION/ \*LUPUS ERYTHEMATOSUS, DISCOID, pathology/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NECROSIS
2249. Gritsiuk AI: Tromboémbolicheskie oslozhneniia, svertyvalushchala i fibrinoliticheskala sistema krovi pri porokakh serdtsa s vyrazhennoi nedostatochnost'iu krovoobrashcheniia. Kardiologiia 9:21-8, Sep 69 (Rus)  
ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ \*CARDIOVASCULAR DISEASES, physiopathology/ CARDIOVASCULAR DISEASES, therapy/ ENGLISH ABSTRACT/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ HUMAN/ \*PLASMINOGEN, analysis/ PLASMINOGEN, antagonists & inhibitors/ \*RHEUMATIC HEART DISEASE, physiopathology/ \*THROMBOEMBOLISM, etiology
2250. Grizzard HT, Wilson JE, Hamilton RS, et al: Angiomatosis retinae (von Hippel's disease). J Tenn Med Ass 63:34-6, Jan 70  
\*ANGIOMATOSIS, familial & genetic/ \*EYE NEOPLASMS, familial & genetic/ HUMAN/ PEDIGREE/ \*RETINA
2251. Groben HD: Neuere Erkenntnisse biochemischer Untersuchungen zur Prothrombinaktivierung. Hippokrates 41:264-5, Jun 70 (Ger)  
BLOOD COAGULATION FACTORS, physiology/ HUMAN/ \*PROTHROMBIN, physiology/ THROMBELASTOGRAPHY
2252. Groenewald JH, Zyl JJ van, Murphy GP: Acute renal and systemic effects after experimental coarctation of the aorta in the baboon. Invest Urol 7:299-312, Jan 70  
ANIMAL EXPERIMENTS/ \*AORTIC COARCTATION/ AORTIC COARCTATION, urine/ AORTIC DISEASES/ BLOOD CELL COUNT/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ CARDIAC OUTPUT/ \*DISEASE MODELS, ANIMAL/ ELECTROCARDIOGRAPHY/ ENZYMES, blood/ FEMALE/ GLOMERULAR FILTRATION RATE/ HYPERTENSION, physiopathology/ KIDNEY, blood supply/ KIDNEY, physiopathology/ MALE/ MONKEYS/ OSMOLAR CONCENTRATION/ RETICULOCYTES, analysis/ THROMBOSIS/ URINE, analysis
2253. Grogan EA, Enders JF, Miller G: Trypsinized placental cell cultures for the propagation of viruses and as "feeder layers". J Virol 5:406-9, Mar 70  
CYTOMEGALOVIRUSES, growth & development/ CYTOPATHOGENIC EFFECT, VIRAL/ FEMALE/ HUMAN/ \*PLACENTA/ \*TISSUE CULTURE/ TRYPSIN/ \*VIRUS CULTIVATION/ \*VIRUSES, growth & development
2254. Gromnatskiĭ NI: K mekhanizmu deistviia geparina na trombotsity. Vrach Delo 3:90-2, Mar 69 (Rus)  
ADHESIVENESS/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ DOGS/ \*HEPARIN, pharmacodynamics/ METHODS
2255. Gromnatskiĭ NI, Sinichuk KV: Ob immunogeneze sindroma Fishera-Ivensa. Probl Gemat 12:56-7, Sep 67 (Rus)  
\*ANEMIA, HEMOLYTIC, ACQUIRED, immunology/ ANTIGEN-ANTIBODY REACTIONS/ ENGLISH ABSTRACT/ HUMAN/ \*PURPURA, THROMBOPENIC, immunology
2256. Gröndahl NJ, Miller SP, Teger-Nilsson AC: Isolation of fibrinopeptides formed during intravascular coagulation in dogs. Acta Physiol Scand 76:369-75, Jul 69  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY, ION EXCHANGE/ DOGS/ ELECTROPHORESIS/ \*FIBRIN, isolation & purification/ GEL FILTRATION/ METHODS/ \*PEPTIDES, isolation & purification/ THROMBIN, pharmacodynamics
2257. Grosclaude F, Mercier JC, Ribadeau-Dumas B: Structure primaire de la caséine alpha-s1 bovine. Localisation des peptides tryptiques dans les fragments obtenus par hydrolyse tryptique de la caséine maléylée. Europ J Biochem 14:98-107, 1 May 70 (Fre)  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*CASEIN, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ MALEATES/ MOLECULAR WEIGHT/ PAPER/ PEPTIDES, analysis/ \*TRYPSIN
2258. Grosfeld JL, Naffis D, Boles ET Jr, et al: The role of splenectomy in neonatal idiopathic thrombocytopenic purpura. J Pediatr Surg 5:166-71, Apr 70  
BLOOD PLATELETS/ CEREBRAL HEMORRHAGE, etiology/ FEMALE/ HUMAN/



# AUTHOR SECTION

- INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, therapy/ MALE/ \*PURPURA, THROMBOPENIC, congenital/ PURPURA, THROMBOPENIC, therapy/ \*SPLENECTOMY
2259. Gross L, Brotman M: Hypoprothrombinemia and hemorrhage associated with cholestyramine therapy. *Ann Intern Med* 72:95-6, Jan 70  
\*CHOLESTYRAMINE, adverse effects/ DIET THERAPY/ FATS, metabolism/ FEMALE/ \*HEMORRHAGE, chemically induced/ HUMAN/ \*HYPOPROTHROMBINEMIAS, chemically induced/ MIDDLE AGE/ VITAMINS, metabolism/ VITAMINS, therapeutic use
2260. Gross M, Popham M: Thermography in vascular disorders affecting the brain. *J Neurol Neurosurg Psychiatr* 32:484-9, Oct 69  
ANGIOGRAPHY/ ANGIOMATOSIS, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CAROTID ARTERY DISEASES, diagnosis/ \*CEREBROVASCULAR DISORDERS, diagnosis/ HUMAN/ ISCHEMIA/ METHODS/ SUBTRACTION TECHNIC/ \*THERMOGRAPHY/ THERMOGRAPHY, instrumentation
2261. Gross R: Für und wider die Anticoagulantien--für und wider die Thrombolyse. *Internist (Berlin)* 10:1-2, Jan 69 (Ger)  
ANTICOAGULANTS, adverse effects/ \*ANTICOAGULANTS, therapeutic use/ COUMARINS, therapeutic use/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, adverse effects/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN
2262. Gross S, Luckey C: The oxygen tension-platelet relationship in cyst' fibrosis. *Amer Rev Resp Dis* 100:513-7, Oct 69  
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ CARBON DIOXIDE, blood/ CHILD/ CHILD, PRESCHOOL/ \*CYSTIC FIBROSIS, blood/ CYSTIC FIBROSIS, complications/ FEMALE/ HEMATOCRIT/ HUMAN/ INFANT/ LUNG DISEASES, etiology/ LUNG DISEASES, physiopathology/ MALE/ \*OXYGEN, blood/ PARTIAL PRESSURE/ PULMONARY CIRCULATION
2263. Grote E, Geletneky CL, Rompel K, et al: Atypische Intracerebrale Massenblutung. *Deutsch Z Nervenheilk* 197:66-76, 29 Dec 69 (Ger)  
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS, complications/ CEREBRAL HEMORRHAGE, chemically induced/ \*CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, drug therapy/ CEREBRAL HEMORRHAGE, etiology/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, complications/ IATROGENIC DISEASE/ MALE/ MASS SCREENING/ MIDDLE AGE/ PERIARTERITIS NODOSA, complications/ STREPTOKINASE, adverse effects/ THROMBOPENIA, complications
2264. Grote E, Walther C, Wenker H: Protrahierte Hirnmassenblutung bei hyperfibrinolytischer Hypofibrinogenämie. *Nervenarzt* 40:385-9, Aug 69 (Ger)  
\*AFIBRINOGENEMIA, complications/ AFIBRINOGENEMIA, diagnosis/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CAROTID ARTERIES, radiography/ \*CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ PNEUMOENCEPHALOGRAPHY
2265. Groth CG: Hemorheology, plasma expanders, and nutritional blood flow. *Int Anesth Clin* 7:239-60, Summer 69  
ANIMAL EXPERIMENTS/ \*BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ ERYTHROCYTE AGGREGATION,
- INTRAVASCULAR/ \*HEMODYNAMICS, drug effects/ HEMOGLOBIN, metabolism/ OXYGEN, blood/ \*PLASMA SUBSTITUTES/ RABBITS/ \*RHEOLOGY/ SERUM ALBUMIN/ THROMBIN
2266. Grotto L, Jerushalmy Z, De Vries A: Effect of purified *Vipera palestinae* hemorrhagin on blood coagulation and platelet function. *Thromb Diath Haemorrh* 22:482-95, 31 Dec 69  
ADENINE NUCLEOTIDES, metabolism/ AFIBRINOGENEMIA/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CLOT RETRACTION/ CONNECTIVE TISSUE/ DRUG ANTAGONISM/ FIBRINOGEN/ GUINEA PIGS/ HEMORRHAGE, chemically induced/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ THROMBIN, biosynthesis/ TRYPSIN INHIBITORS/ \*VENOMS, pharmacodynamics
2267. Grottum KA: Teller de trombocytter hos paslenter med virusykdommer? *T Norsk Laegeforen* 90:701-3, 1 Apr 70 (Nor)  
ADOLESCENCE/ \*BLOOD CELL COUNT/ \*BLOOD PLATELETS/ CHILD/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ \*RUBELLA, complications/ \*THROMBOPENIA, etiology
2268. Grøttum KA, Hovig T, Holmsen H, et al: Wiskott-Aldrich syndrome: qualitative platelet defects and short platelet survival. *Brit J Haemat* 17:373-88, Oct 69  
ADENINE NUCLEOTIDES, pharmacodynamics/ \*ALDRICH SYNDROME, blood/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS/ BONE MARROW, cytology/ COLLAGEN, pharmacodynamics/ ELECTROPHORESIS/ FREEZING/ HEMOSTASIS/ HUMAN/ IN VITRO/ KAOLIN, pharmacodynamics/ MACROPHAGES, cytology/ MEGAKARYOCYTES, cytology/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RETICULOENDOTHELIAL SYSTEM, physiology/ \*THROMBOPENIA, etiology
2269. Grozdea J, Colombies F, Ducos J: Etude cytochimique et chromosomes en dehors des hémapathies. *Nouv Rev Franc Hemat* 9:722-7, Sep-Oct 69 (Fre)  
ALKALINE PHOSPHATASE, blood/ AUTOSOME ABNORMALITIES, enzymology/ \*CHROMOSOME ABERRATIONS/ FEMALE/ HEMOPHILIA, enzymology/ \*HISTOCYTOCHEMISTRY/ HUMAN/ KLINEFELTER'S SYNDROME, enzymology/ MALE/ NEUTROPHILS, enzymology/ PERIODIC ACIDS/ PEROXIDASES/ SEX FACTORS/ TRISOMY/ TURNER'S SYNDROME, enzymology
2270. Grozdov DM: Nekotorye aktual'nye voprosy transfuziologii. *Probl Gemat* 13:3-7, Sep 68 (Rus)  
BLOOD DONORS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ HUMAN/ ISOANTIGENS, analysis/ TEMPERATURE/ TIME FACTORS
2271. Grozdov DM: Osobennosti gemostaticheskikh meroprilzhi pri krovotekhenilakh razlichnogo proiskhozhdeniya. *Probl Gemat* 14:13-8, Aug 69 (Rus)  
ENGLISH ABSTRACT/ HEMORRHAGE, classification/ \*HEMORRHAGE, drug therapy/ \*HEMOSTATICS, therapeutic use/ HUMAN
2272. Grözinger KH: Trasylol bei klinischer Pankreatitis. *Langenbecks Arch Chir* 325:343-7, 1969 (Ger)  
ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*PANCREATITIS, drug therapy/ PANCREATITIS, etiology/ PANCREATITIS, mortality
2273. Grumet FC, Yankee RA: Long-term platelet support of



# AUTHOR SECTION

- patients with aplastic anemia. Effect of splenectomy and steroid therapy. *Ann Intern Med* 73:1-7, Jul 70
- ADOLESCENCE/ ADULT/ \*ANDROGENS, therapeutic use/ \*ANEMIA, APLASTIC, mortality/ ANTIBODY FORMATION/ BLOOD PLATELET DISORDERS, therapy/ \*BLOOD PLATELETS/ CHILD/ HUMAN/ LEUKOPENIA, therapy/ \*PREDNISONE, therapeutic use/ \*SPLENECTOMY/ \*THROMBOPENIA, therapy
2274. Grummitt JK: A plate test for staphylococcal coagulase. *J Med Lab Techn* 28:227-30, Jul 69  
BACTERIOLOGICAL TECHNIQS/  
\*COAGULASE, analysis/ STAPHYLOCOCCUS, enzymology
2275. Grüner OP: Effect of the blood sampling procedure on the fibrinogen estimate in rabbit plasma. *Scand J Haemat* 7:152-6, 1970  
ANIMAL EXPERIMENTS/ ARTERIES/  
\*BLOOD SPECIMEN COLLECTION/ EAR, blood supply/ FEMALE/ \*FIBRINOGEN/ HEART/ MALE/ METHODS/ PUNCTURES/ RABBITS/ VEINS
2276. Grüner OP: Platelet enumeration in rabbits. *Scand J Haemat* 7:157-62, 1970  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ \*BLOOD SEDIMENTATION/ \*BLOOD SPECIMEN COLLECTION/ EAR/ METHODS/ PUNCTURES/ RABBITS/ ROTATION/ TIME FACTORS
2277. Grupper C, Bourgeois-Spinasse J: Méthotrexate dans le traitement du psoriasis. *Presse Med* 78:1631-4, 12 Sep 70 (Fre)  
ADULT/ AGED/ ASTHENIA, chemically induced/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ LIVER DISEASES, chemically induced/ MALE/ METHOTREXATE, adverse effects/ METHOTREXATE, pharmacodynamics/ \*METHOTREXATE, therapeutic use/ MIDDLE AGE/ \*PSORIASIS, drug therapy/ THROMBOPENIA, chemically induced
2278. Gualandi L, Flamigni C: Analogie patogenetiche tra la R.S.G. "dietetica" e la preeclampsia umana. *Minerva Ginec* 22:86-9, 31 Jan 70 (Ita)  
\*DIETARY FATS/ FEMALE/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, etiology/ \*SHWARTZMAN PHENOMENON, etiology/ \*VITAMIN E DEFICIENCY, complications
2279. Guder W, Weiss L, Wieland O: Triglyceride breakdown in rat liver. The demonstration of three different lipases. *Biochim Biophys Acta* 187:173-85, 1969  
ANIMAL EXPERIMENTS/ BUTYRATES/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, enzymology/ FATTY ACIDS, metabolism/ GLYCERIN, metabolism/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ \*LIPASE, metabolism/ \*LIVER, enzymology/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ MICROSOMES, enzymology/ OSMOLAR CONCENTRATION/ RATS/ SURFACE-ACTIVE AGENTS/ \*TRIGLYCERIDES, metabolism/ TRIOLEIN, metabolism/ ULTRACENTRIFUGATION/ VIBRATION
2280. Guérin B, Kahn MF: Facteurs de la coagulation et inflammation articulaire. *Rev Rhum* 37:335-46, Apr 70 (Fre)  
\*ARTHRITIS, blood/ \*BLOOD COAGULATION FACTORS/ CALCIUM/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ FACTOR XII/ FACTOR XIII/ FIBRIN, physiology/ \*INFLAMMATION, blood/ KININS, physiology
2281. Guérin D, Leblay R, Pony JC, et al: Un cas d'endocardite pariétale fibroblastique avec présence d'une corynebactérie anaérobie dans le thrombus endocavitaire. *Sem Hop Paris* 45:2953-64, 20 Nov 69 (Fre)
- BLOOD COAGULATION DISORDERS/  
CORONARY VESSELS, pathology/  
\*CORYNEBACTERIUM, isolation & purification/ CORYNEBACTERIUM, pathogenicity/ ELECTROCARDIOGRAPHY/  
\*ENDOCARDIAL FIBROELASTOSIS/  
ENDOCARDIAL FIBROELASTOSIS, diagnosis/  
ENDOCARDIAL FIBROELASTOSIS, etiology/  
ENDOCARDIAL FIBROELASTOSIS, pathology/  
ENDOCARDIAL FIBROELASTOSIS, radiography/ ENDOCARDIUM, pathology/  
ENGLISH ABSTRACT/ EOSINOPHILIA, diagnosis/ FEMALE/ HUMAN/  
HYPERSENSITIVITY, complications/ MIDDLE AGE/ MYOCARDIUM, pathology/  
THROMBOSIS
2282. Guérin M, Leduc MM, Azerad RG: Biosynthèse du noyau naphthoquinonique des ménaquinones bactériennes. *Europ J Biochem* 15:421-7, Sep 70 (Fre)  
AEROBACTER AEROGENES, metabolism/  
ALDEHYDES, metabolism/ BACILLUS MEGATERIUM, metabolism/ CARBON ISOTOPES/ CATECHOL, metabolism/  
ENGLISH ABSTRACT/ MICROCOCCUS, metabolism/ MUTATION/ MYCOBACTERIUM, metabolism/ NAPHTHALENES, metabolism/  
\*NAPHTHOQUINONES, biosynthesis/  
PROTEUS, metabolism/ SHIKIMIC ACID, metabolism/ TRITIUM/ UBIQUINONE, biosynthesis/ VITAMIN K, metabolism
2283. Guerra L, Najman A, Homberg JC, et al: Auto-anticorps multiples au cours d'une maladie de Hodgkin: interprétation d'une érythroblastopénie. *Nouv Rev Franc Hemat* 9:601-10, Sep-Oct 69 (Fre)  
ADOLESCENCE/ ANEMIA, HEMOLYTIC, etiology/ ANEMIA, HEMOLYTIC, therapy/  
\*AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES, complications/ BETAMETHASONE, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ BROMELAINS/ COOMBS' TEST/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES, immunology/  
FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION TESTS/ HODGKIN'S DISEASE, complications/ \*HODGKIN'S DISEASE, immunology/ HUMAN/  
IMMUNOELECTROPHORESIS/ LEUKOCYTE COUNT/ MALE/ RETICULOCYTES/ THROMBOPENIA, drug therapy
2284. Guevara A, Lizaraso F, Del Aguila Hoyos L, et al: Sonda hemostática por compresión en las úlceras antrales y duodenales sangrantes. *Rev Esp Enferm Apar Dig* 28:509-20, Apr 69 (Spa)  
\*DUODENAL ULCER, therapy/  
\*HEMORRHAGE, GASTROINTESTINAL, therapy/ \*HEMOSTASIS/ HUMAN/  
\*INTUBATION, GASTROINTESTINAL/ METHODS/ \*PEPTIC ULCER, therapy
2285. Guglielmo B, Mario S, Patricia R, et al: Microtecnica di deviazione del complemento su plastrine per la tipizzazione degli antigeni di istocompatibilità. *Haematologica* 54:567-78, 1969 (Ita)  
\*BLOOD PLATELETS, immunology/  
\*COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ \*HISTOCOMPATIBILITY TESTING/ METHODS
2286. Guidi G, Lombardi V, Torsellini A: Azione di un eparinolo estrattivo su alcuni indici della coagulazione del sangue. *Minerva Med* 60:Suppl 99:5034+, 12 Dec 69 (Ita)  
AGED/ \*BLOOD COAGULATION, drug effects/  
CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ DIABETIC ANGIOPATHIES, drug therapy/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOLYSIS, drug effects/  
\*HEPARINOID, pharmacodynamics/ HUMAN/  
MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PLASMINOGEN, analysis/ PROTHROMBIN TIME
2287. Guilaîne J, Bourdial J, Chandon JP: Dermate mucosynéchiante de Lortat-Jacob à manifestations O. R. L. prédominantes.



# AUTHOR SECTION

- Bull Soc Franc Derm Syph 76:623-4, 1969 (Fre)  
ADHESIONS/ ADULT/ \*DERMATITIS, complications/ DYSPNEA, etiology/ EXTREMITIES/ \*FACIAL DERMATOSES, complications/ HUMAN/ \*LARYNGEAL DISEASES/ MALE/ MUCOUS MEMBRANE/ \*PHARYNGEAL DISEASES/ STOMATITIS, etiology/ ULCER, etiology
2288. Guillaumin F, Thusius D: The use of proflavin as an indicator in temperature-jump studies of the binding of a competitive inhibitor to trypsin.  
J Amer Chem Soc 92:5534-6, 9 Sep 70  
\*ACRIDINES/ INDICATORS AND REAGENTS/ KINETICS/ \*PROTEIN BINDING/ THERMODYNAMICS/ \*TRYPSIN INHIBITORS
2289. Gully P, Rondot P, Fresneau M: L'attitude du neurologue face au traitement anticoagulant.  
Phlebologie 23:3-10, Jan-Mar 70 (Fre)  
\*ANTICOAGULANTS, adverse effects/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ \*CEREBROVASCULAR DISORDERS, drug therapy/ HEMATOMA, EPIDURAL, chemically induced/ HEMATOMA, SUBDURAL, chemically induced/ HUMAN/ SUBARACHNOID HEMORRHAGE, chemically induced/ THROMBOPHLEBITIS, drug therapy
2290. Guimarães RC, Maciel MM: Patologia da infecção experimental por *Pseudomonas aeruginosa* no camundongo. Patogênese das pseudomoníases experimentais e humanas.  
Rev Inst Med Trop S Paulo 11:141-50, May-Jun 69 (Por)  
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ IN VITRO/ KIDNEY DISEASES, enzymology/ LIVER DISEASES, PARASITIC, enzymology/ LUNG DISEASES, PARASITIC, enzymology/ MALE/ MICE/ PEPTIDE HYDROLASES, biosynthesis/ \*PSEUDOMONAS INFECTIONS, pathology/ RABBITS/ RATS
2291. Guimbertière J, Dehorne M: Purpura allergique avec anticorps actifs en présence de P.A.S.  
Rev Franc Transfus 12:Suppl:407-13, 1969 (Fre)  
\*AMINOSALICYLIC ACID/ AMINOSALICYLIC ACID, therapeutic use/ ANTI-ANTIBODIES, analysis/ \*ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BLOOD PLATELETS, immunology/ DRUG HYPERSENSITIVITY, immunology/ HUMAN/ IMMUNE SERUMS/ ISONIAZID, therapeutic use/ MALE/ PURPURA, etiology/ \*PURPURA, immunology/ STREPTOMYCIN, therapeutic use/ TUBERCULOSIS, MILIARY, drug therapy
2292. Guimbertière J, Guimbertière L, Peyrat MA: Immunisations foeto-maternelles avec anticorps actifs sur les leucocytes et les plaquettes.  
Rev Franc Transfus 12:Suppl:257-63, 1969 (Fre)  
\*ANTIBODIES, analysis/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ ANTIGENS/ AUTOANTIBODIES/ \*BLOOD PLATELETS, immunology/ COMPLEMENT/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ EXCHANGE TRANSFUSION/ FEMALE/ FETOMATERNAL TRANSFUSION/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, immunology/ INFANT, NEWBORN, DISEASES, therapy/ \*LEUKOCYTES, immunology/ LIVER, immunology/ PEDIGREE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, immunology/ TANNINS, pharmacodynamics
2293. Guirán G: Un cas de phlébite de grossesse ayant nécessité une héparino-thérapie prolongée, avec hémorragie méningée chez le nouveau-né après accouchement tout à fait normal.  
Bull Fed Gynec Obstet Franc 22:63, Jan-Mar 70 (Fre)  
ADULT/ FEMALE/ \*HEMORRHAGE, chemically induced/ \*HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, chemically induced/ \*MENINGES/
- PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ THROMBOPHLEBITIS, drug therapy
2294. Gültow M: Zur therapeutischen Verwendung natürlicher Proteinase-Inhibitoren.  
Z Ges Inn Med 24:785-90, 15 Nov 69 (Ger)  
BLOOD COAGULATION DISORDERS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KININS/ PANCREATITIS, drug therapy/ \*PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PLANTS/ SHOCK, TRAUMATIC, drug therapy/ \*TRYPSIN INHIBITORS, therapeutic use
2295. Gültow M, Konrad H, Schultz J: Zur intestinalen Manifestation des Morbus Osler-Rendu-Weber.  
Deutsch Z Verdau Stoffwechsel 29:161-6, 1969 (Ger)  
AGED/ BLOOD TRANSFUSION/ FEMALE/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ \*INTESTINAL DISEASES, etiology/ IRON, therapeutic use/ MIDDLE AGE/ \*TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications
2296. Gundlach HG: Conformational changes in chymotrypsin detected with antibodies. 3. On the antigenic determinant groups of chymotrypsins.  
Hoppe Seyler Z Physiol Chem 351:701-4, Jun 70  
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS, analysis/ \*ANTIGENS, analysis/ CATTLE/ \*CHYMOTRYPSIN/ DEER/ ENZYME PRECURSORS, isolation & purification/ EVOLUTION/ GOATS/ ISOFLUOROPHATE/ SHEEP/ SPECIES SPECIFICITY
2297. Gundlach HG: Conformational changes in chymotrypsin detected with antibodies. 1. Antibody response to diisopropylphosphoryl-chymotrypsin.  
Hoppe Seyler Z Physiol Chem 351:690-5, Jun 70  
\*ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ BINDING SITES/ CARBON ISOTOPES/ \*CHYMOTRYPSIN/ CROSS REACTIONS/ ENZYME PRECURSORS/ GEL DIFFUSION TESTS/ IMMUNOCHEMISTRY/ IMMUNOELECTROPHORESIS/ INDOLES/ ISOFLUOROPHATE/ PHENYLACETATES
2298. Gundlach HG: Conformational changes in chymotrypsin detected with antibodies. II. Antibody-interactions with chemically modified and denatured chymotrypsins.  
Hoppe Seyler Z Physiol Chem 351:696-700, Jun 70  
ADSORPTION/ ALKYLATION/ ANTIGEN-ANTIBODY COMPLEX/ \*ANTIGEN-ANTIBODY REACTIONS/ \*CHYMOTRYPSIN/ ENZYME PRECURSORS/ IMMUNOCHEMISTRY/ ISOFLUOROPHATE/ \*PROTEIN DENATURATION/ UREA
2299. Gundolf F, Andersen J: Variant of group B lacking the B antigen on the red cells. Vox Sang 18:216-21, Mar 70  
AGGLUTINATION TESTS/ \*BLOOD GROUPS/ CHICKENS/ COOMBS' TEST/ \*ERYTHROCYTES, immunology/ FEMALE/ FISHES/ GENES, SUPPRESSOR/ GENETICS, HUMAN/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ MIDDLE AGE/ MUTATION/ PAPAIN, pharmacodynamics/ PEDIGREE/ PREGNANCY/ SALIVA, immunology/ TRYPSIN, pharmacodynamics
2300. Gunson HH, Stratton F, Mullard GW: An example of atypical polyagglutinability.  
Brit J Haemat 17:614-5, Dec 69  
\*ANTIGENS/ \*ERYTHROCYTES, immunology/ FEMALE/ \*HEMAGGLUTINATION/ HUMAN/ LEUKOPENIA, immunology/ PAPAIN/ PREGNANCY/ THROMBOPENIA, immunology
2301. Gupta KK: Cholesterol, platelets adhesiveness and fibrinolytic activity in ischaemic heart disease.  
J Ass Physicians India 17:323-31, May 69



## AUTHOR SECTION

- ADULT/ AGED/ ANGINA PECTORIS, blood/  
\*BLOOD PLATELETS/ \*CHOLESTEROL,  
blood/ \*CORONARY DISEASE, blood/  
DIABETIC ANGIOPATHIES, blood/  
\*FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/  
MYOCARDIAL INFARCT, blood/ PLATELET  
ADHESIVENESS
2302. Gupta PP, Tandon HD, Ramalingaswami V:  
Spontaneous vascular lesions in Indian pigs.  
J Path 99:19-28, Sep 69  
AORTA, pathology/ AORTIC DISEASES,  
occurrence/ AORTIC DISEASES, pathology/  
ARTERIOSCLEROSIS, occurrence/ CORONARY  
DISEASE, occurrence/ CORONARY DISEASE,  
pathology/ CORONARY VESSELS, pathology/  
FATTY STREAK, ARTERIAL, pathology/  
MALE/ SWINE/ \*SWINE DISEASES,  
pathology/ VASCULAR DISEASES, pathology/  
\*VASCULAR DISEASES, veterinary
2303. Gura C, Kopyś Z: Zespól Kasabach-Merritta.  
Wlad Lek 23:1145-51, 1 Jul 70 (Pol)  
AGE FACTORS/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/ FACTOR  
V, analysis/ FACTOR VII, analysis/ FACTOR  
VIII, analysis/ FACTOR XI, analysis/  
FEMALE/ \*HEMANGIOMA/ HEMANGIOMA,  
radiotherapy/ HUMAN/ INFANT/ MALE/  
\*PURPURA, THROMBOPENIC/ PURPURA,  
THROMBOPENIC, radiotherapy/ \*SKIN  
NEOPLASMS/ SKIN NEOPLASMS,  
radiotherapy
2304. Gurewicz V, Thomas DP: Streptokinase in acute  
pulmonary embolism.  
J Thorac Cardiovasc Surg 59:855-61, May 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
drug effects/ FIBRINOLYSIS, drug effects/  
HEPARIN, therapeutic use/ PLATELET  
ADHESIVENESS, drug effects/ PROGNOSIS/  
\*PULMONARY EMBOLISM, drug therapy/  
RABBITS/ \*STREPTOKINASE,  
therapeutic use/ THROMBIN, administration &  
dosage/ TIME FACTORS
2305. Gurgo C, Rutigliano B, Pagliuca N, et al: An  
ATP-incorporating enzyme from rat brain. I.  
Solubilization and requirements.  
Biochim Biophys Acta 198:31-44, 14 Jan 70  
\*ADENOSINE TRIPHOSPHATE/ ALCOHOL,  
ETHYL/ ALKALINE PHOSPHATASE/  
ANIMAL EXPERIMENTS/ \*BRAIN,  
enzymology/ CARBON ISOTOPES/  
CHEMISTRY/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DEOXYRIBONUCLEASE/  
DIALYSIS/ GUANINE NUCLEOTIDES/ HEAT/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ MOLECULAR WEIGHT/  
NUCLEOTIDES, metabolism/  
\*NUCLEOTIDYLTRANSFERASES/  
NUCLEOTIDYLTRANSFERASES, isolation &  
purification/ PEPTIDE HYDROLASES/  
PHOSPHATASES/ PRECIPITATION/ RATS/  
RIBONUCLEASE/ SOLUBILITY/  
SURFACE-ACTIVE AGENTS
2306. Gurin NN, Shevchenko VD, Kaleko SP: Zagotovka krovi  
na korablakh. Voennomed Zh 1:62-4, Jan 70 (Rus)  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ HUMAN/ \*NAVAL  
MEDICINE/ SHIPS/ USSR
2307. Gürson CT, Saner G: Lipoprotein lipase activity in  
marasmic type of protein-calorie malnutrition.  
Arch Dis Child 44:765-8, Dec 69  
CHILD, PRESCHOOL/ FATTY ACIDS,  
NONESTERIFIED, blood/ FATTY LIVER/  
HEPARIN, therapeutic use/ HUMAN/  
INFANT/ INFANT NUTRITION DISORDERS,  
drug therapy/ \*INFANT NUTRITION  
DISORDERS, enzymology/ INFANT  
NUTRITION DISORDERS, metabolism/  
KINETICS/ LIPOPROTEIN LIPASE,  
biosynthesis/ LIPOPROTEIN LIPASE, blood/  
\*LIPOPROTEIN LIPASE, metabolism
- Europ J Biochem 12:48-57, Jan 70 (Ger)  
AMINO ACID SEQUENCE/ \*AMINO ACIDS/  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, THIN LAYER/  
CHYMOTRYPSIN/ CYANIDES/ CYPRINIDAE/  
\*CYTOCHROMES/ CYTOCHROMES, analysis/  
CYTOCHROMES, isolation & purification/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
FISHES/ GEL FILTRATION/ IRON, analysis/  
METHODS/ \*MYOCARDIUM, analysis/  
\*PEPTIDES/ PEPTIDES, analysis/ SHARKS/  
SPECIES SPECIFICITY/  
SPECTROPHOTOMETRY/ TRYPSIN/  
ULTRAVIOLET RAYS
2309. Guseinov ChS, Khundadze SSH, Belichenko IA, et al:  
Izuchenie fibrinoliza u bol'nykh renovaskul'arnoi  
glipertoniei Klin Med (Moskva) 47:70-5, Jul 69 (Rus)  
ARTERIOSCLEROSIS, blood/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS/ HUMAN/  
\*HYPERTENSION, RENAL, blood/  
PLASMINOGEN, analysis
2310. Guseinov ChS, Remizova TA, Rakhmaeva VA:  
Sravnitel'naya otsenka metodov opredeleniya  
agregatsii i adgeziivnosti trombocitov (obzor  
literatury) Lab Delo 2:71-7, 1970 (30 ref.) (Rus)  
ADENINE NUCLEOTIDES, diagnostic use/  
ANEMIA, blood/ ARTERIOSCLEROSIS, blood/  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION TESTS/ BLOOD PLATELET  
DISORDERS, blood/ \*BLOOD PLATELETS/  
BLOOD PLATELETS, drug effects/ CELL  
AGGREGATION/ CLOT RETRACTION/  
HEART DISEASES, blood/ HUMAN/  
HYPERTENSION, RENAL, blood/ METHODS/  
NEOPLASMS, blood/ PLATELET  
ADHESIVENESS/ PURPURA, THROMBOPENIC,  
blood/ REVIEW/ VON WILLEBRAND'S  
DISEASE, blood/ WOUNDS AND INJURIES,  
blood
2311. Guseinova NA: Funktsional'noe sostoianie kishechnika  
detei, stradalushchikh glipotropiei posle  
perenesennogo zheludочно-kishechnogo  
rassstroistva. Pediatrlia 48:15-7, Aug 69 (Rus)  
CHILD, PRESCHOOL/ \*DYSENTERY,  
complications/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ INFANT/ \*INTESTINES,  
enzymology/ INTESTINES, pathology/  
INTESTINES, physiopathology/ MALE/  
PEPTIDE PEPTIDOHYDROLASES, analysis
2312. Gushchin IS: Elektrofiziologicheskoe issledovanie  
anafilakticheskoi reaktsii izolirovannogo predserd'ia v  
otsutstviu ionov kal'tsia.  
Pat Fiziol Eksp Ter 13:27-31, Jan-Feb 69 (Rus)  
ACTION POTENTIALS/ \*ANAPHYLAXIS/  
ANIMAL EXPERIMENTS/ ANTIGENS/  
CALCIUM/ ENGLISH ABSTRACT/ GUINEA  
PIGS/ \*HEART, physiology/ HEART ATRIUM/  
HEPARIN/ HISTAMINE/ NOREPINEPHRINE
2313. Güttmann A, Schriefers KH, Esser G, et al: A case of  
homologous liver transplantation.  
German Med Monthly 14:525-8, Nov 69  
ADULT/ ALDOSTERONE, therapeutic use/  
AMPICILLIN, therapeutic use/  
AZATHIOPRINE, therapeutic use/ CADAVER/  
HEPARIN, therapeutic use/ HEPATOMA,  
surgery/ HUMAN/ \*LIVER, transplantation/  
LIVER NEOPLASMS, surgery/ MALE/  
OXACILLIN, therapeutic use/  
POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS/ TISSUE DONORS/  
TRANSPLANTATION, HOMOLOGOUS
2314. Gutionova KP: Nekotorye osobennosti postagonal'noi  
krovi. Probl Gemat 13:20-1, May 68 (Rus)  
\*BLOOD CELLS/ \*BLOOD CHEMICAL  
ANALYSIS/ BLOOD DONORS/ BLOOD  
PRESERVATION/ \*CADAVER/ COMPARATIVE  
STUDY/ ENGLISH ABSTRACT/  
FIBRINOLYSIS/ HUMAN
2315. Güttner J: Haemangioendotelioz pulmonum.  
Zbl Allg Path 112:321-6, 1969 (Ger)  
AGED/ AUTOPSY/ FEMALE/ HEMANGIOMA,



## AUTHOR SECTION

- complications/ \*HEMANGIOMA, pathology/  
HISTOLOGICAL TECHNIQS/ HUMAN/ LUNG,  
pathology/ LUNG NEOPLASMS, complications/  
\*LUNG NEOPLASMS, pathology/  
SARCOIDOSIS, complications/ \*SARCOIDOSIS,  
pathology
2316. Gyr K: Behandlung protrahiert-rezidivierender  
Lungenembolien durch Plicatio der Vena cava  
inferior.  
Munchen Med Wschr 112:1193-9, 19 Jun 70 (Ger)  
ANTICOAGULANTS, therapeutic use/  
ENGLISH ABSTRACT/ HEMATOMA,  
complications/ HUMAN/ KNEE INJURIES,  
complications/ LEG, blood supply/ MALE/  
MIDDLE AGE/ PHLEBOGRAPHY/  
PULMONARY EMBOLISM, drug therapy/  
\*PULMONARY EMBOLISM, surgery/  
THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, radiography/ TIME  
FACTORS/ \*VENA CAVA, INFERIOR, surgery
2317. Gyr K: Protrahiert rezidivierende Lungenembolien  
und ihre Behandlung.  
Helv Med Acta [Suppl] 49:144, 1969 (Ger)  
\*ANTICOAGULANTS, therapeutic use/  
CHRONIC DISEASE/ HUMAN/ \*PULMONARY  
EMBOLISM, drug therapy/ TIME FACTORS
2318. Gyr K: Le traitement des embolies pulmonaires  
récidivantes par la plicature de la veine cave  
inférieure. Cah Med 11:817-23, Jul 70 (Fre)  
ANTICOAGULANTS, therapeutic use/  
HUMAN/ MALE/ METHODS/ MIDDLE AGE/  
PULMONARY EMBOLISM, drug therapy/  
\*PULMONARY EMBOLISM, surgery/ \*VENA  
CAVA, INFERIOR, surgery
- ### H
2319. Haahr S: The effects of antilymphocyte serum on  
viraemia and serum interferon of m1c3e infected with  
West Nile virus.  
Acta Path Microbiol Scand 77:187-8, 1969  
ANIMAL EXPERIMENTS/  
\*ANTILYMPHOCYTE SERUM,  
pharmacodynamics/ \*ARBOVIRUS  
INFECTIONS, blood/ BLOOD CELL COUNT/  
IMMUNE SERUMS/ \*INTERFERON, blood/  
LYMPHOCYTES, immunology/ LYMPHOID  
TISSUE, immunology/ MICE/ RABBITS/  
TRYPSIN/ VIRAL INTERFERENCE, drug  
effects/ WEST NILE VIRUS
2320. Haas C, Moutte A, Rueff D, et al: Recherche du déficit  
en alpha-1-antitrypsine dans 100 cas de  
broncho-pneumopathie chronique obstructive.  
Rev Tuberc (Paris) 33:1063-72, Dec 69 (Fre)  
ADULT/ AGAR/ BRONCHIAL DISEASES,  
blood/ CHRONIC DISEASE/  
ELECTROPHORESIS/ FEMALE/ GELS/  
HUMAN/ LUNG DISEASES, blood/ MALE/  
\*METABOLISM, INBORN ERRORS,  
complications/ MIDDLE AGE/ \*PULMONARY  
EMPHYSEMA, etiology/ \*RESPIRATORY  
INSUFFICIENCY, blood/ \*TRYPSIN  
INHIBITORS, blood
2321. Haas JE, Yunis EJ: Tubular inclusions of systemic lupus  
erythematosus. Ultrastructural observations  
regarding their possible viral nature.  
Exp Molec Path 12:257-63, Jun 70  
\*ARTHRITIS, RHEUMATOID, pathology/  
\*BIOPSY/ CELLULAR INCLUSIONS/  
\*CYTOPLASMIC GRANULES/  
\*GOODPASTURE'S SYNDROME, pathology/  
HUMAN/ \*INCLUSION BODIES, VIRAL/  
\*INCLUSION BODIES, VIRAL, analysis/  
\*KIDNEY, pathology/ \*LUPUS  
ERYTHEMATOSUS, SYSTEMIC, pathology/  
\*LYMPH NODES, pathology/ \*PURPURA,  
THROMBOPENIC, pathology/ \*SCLERODERMA,  
pathology/ \*SENDAI VIRUS, isolation &  
purification/ \*SKIN, pathology
2322. Haas JE, Yunis EJ: Tubular inclusions of systemic lupus  
erythematosus. Ultrastructural observations  
regarding their possible viral nature.  
Exp Molec Path 12:257-63, Jun 70  
ARTHRITIS, RHEUMATOID, pathology/  
BIOPSY/ CELLULAR INCLUSIONS/  
CYTOPLASMIC GRANULES/ GOODPASTURE'S  
SYNDROME, pathology/ HUMAN/ INCLUSION  
BODIES, VIRAL/ KIDNEY, pathology/ LUPUS  
ERYTHEMATOSUS, SYSTEMIC, pathology/ LYMPH  
NODES, pathology/ PURPURA, THROMBOPENIC,  
pathology/ SCLERODERMA, pathology/ SENDAI  
VIRUS, isolation & purification/ SKIN, pathology
2323. Habazin V, Han A: Ultra-violet-light-induced  
DNA-to-protein cross-linking in HeLa cells.  
Int J Radiat Biol 17:569-75, 1970  
CARBON ISOTOPES/ COLD/ \*CROSSES,  
GENETIC/ DNA, analysis/ \*DNA, metabolism/  
\*HELA CELLS, radiation effects/ PROTEINS,  
analysis/ \*RADIATION EFFECTS/  
TEMPERATURE/ TIME FACTORS/ TRYPSIN/  
\*ULTRAVIOLET RAYS
2324. Haberland C, Perou M: Encephalocraniodermatous  
lipomatosis. A new example of ectomesodermal  
dysgenesis. Arch Neurol (Chicago) 22:144-55, Feb 70  
ADIPOSE TISSUE, pathology/  
ANGIOMATOSIS, congenital/ ARACHNOID,  
pathology/ \*BRAIN NEOPLASMS, congenital/  
BRAIN NEOPLASMS, pathology/ DIAGNOSIS,  
DIFFERENTIAL/ ECTODERMAL DYSPLASIA,  
pathology/ EYE NEOPLASMS, congenital/  
HUMAN/ HYPEROSTOSIS, CORTICAL  
CONGENITAL, pathology/ INFANT,  
NEWBORN/ LIPOMA, congenital/  
\*LIPOMATOSIS, congenital/ LIPOMATOSIS,  
pathology/ MALE/ \*SKIN NEOPLASMS,  
congenital/ SKIN NEOPLASMS, pathology/  
\*SKULL NEOPLASMS, congenital/ SPINAL  
CORD NEOPLASMS, congenital/ SPINAL  
CORD NEOPLASMS, pathology
2325. Habib DV, Debbas EG, Papper EM, et al: Treatment of  
massive hemorrhage in the dog with fluid gelatin.  
Bibl Haemat 33:248-53, 1969  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION TESTS/ BLOOD PRESSURE/  
BLOOD VOLUME/ BODY TEMPERATURE/  
DEXTRAN, therapeutic use/ DISEASE  
MODELS, ANIMAL/ DOGS/  
ELECTROCARDIOGRAPHY/ FACTOR V/  
\*GELATIN, therapeutic use/ HEART RATE/  
\*HEMORRHAGE, therapy/ \*PLASMA  
SUBSTITUTES, therapeutic use/ SERUM  
ALBUMIN, RADIO-IODINATED
2326. Hacker H, Alonso A: Die angiographische Darstellung  
eines Wirbelkörperhämangioms.  
Fortschr Roentgenstr 111:581-3, Oct 69 (Ger)  
ANGIOGRAPHY/ \*BRACHIAL ARTERY,  
radiography/ \*CERVICAL VERTEBRAE/  
DIAGNOSIS, DIFFERENTIAL/ ELECTRONICS/  
FEMALE/ \*HEMANGIOMA, radiography/  
HUMAN/ \*SPINAL NEOPLASMS, radiography
2327. Hadden JW, Holmes-Gray B, Good RA: Platelet  
abnormality in Wiskott-Aldrich syndrome.  
New Eng J Med 283:876-7, 15 Oct 70  
ADENOSINE TRIPHOSPHATASE, blood/  
\*ALDRICH SYNDROME, blood/ ALDRICH  
SYNDROME, metabolism/ \*BLOOD  
PLATELETS/ BLOOD PLATELETS, drug  
effects/ BLOOD PLATELETS, enzymology/  
BLOOD PLATELETS, metabolism/  
EPINEPHRINE, pharmacodynamics/  
GLYCOLYSIS/ HUMAN/ KREBS CYCLE
2328. Hadida E, Saracco J, Sayag J, et al: Dermite bulleuse  
muco-synéchiale et atrophique de Lortat-Jacob.  
Bull Soc Franc Derm Syph 77:209-11, 1970 (Fre)  
ADHESIONS/ AGED/ BLISTER/ CASE  
REPORT/ CHEEK/ CICATRIX/ \*EYE  
DISEASES, complications/ FEMALE/  
GLUCOCORTICOIDS, adverse effects/  
HUMAN/ MUCOUS MEMBRANE/  
OSTEOPOROSIS, chemically induced/  
\*PEMPHIGUS, complications/ PHARYNX
2329. Hadler HL, Claybourn BE, Tschang TP: Combinations of  
agents which induce ATP energized mitochondrial  
volume changes. J Antibiot (Tokyo) 23:276-87, Jun 70  
\*ADENOSINE TRIPHOSPHATE/ ANTIBIOTICS,  
ANTINEOPLASTIC, pharmacodynamics/



# AUTHOR SECTION

BISHYDROXYCOUMARIN, pharmacodynamics/  
DINITROPHENOLS, pharmacodynamics/  
ETHYLMALIMIDE, pharmacodynamics/  
HEAT/ HYDROGEN-ION CONCENTRATION/  
\*MITOCHONDRIA, drug effects/  
MITOCHONDRIAL SWELLING, drug effects/  
TYROTHRIN, pharmacodynamics

AND TRANSUDATES, analysis/ \*EXUDATES  
AND TRANSUDATES, enzymology/  
LECITHINS, metabolism/ METHODS/  
PANCREAS, metabolism/ PANCREATITIS,  
chemically induced/ \*PANCREATITIS,  
enzymology/ \*PHOSPHOLIPASE, metabolism/  
TIME FACTORS/ TRYPSIN

2330. Hadler WA, Petelli AS, Lucca O de, et al: The meaning of the selective staining of neurosecretory substance by aldehyde-fuchsin and chrome-alum hematoxylin. A comparative study carried on neurosecretory substance, cystine, cysteine and some unsaturated compounds subjected to several oxidizing agents. *Acta Histochem (Jena)* 29:304-19, 1968  
ANIMAL EXPERIMENTS/ CATTLE/  
CHEMISTRY/ CHOLESTEROL/ \*CYSTEINE/  
\*CYSTINE/ ERGOCALCIFEROL/  
HISTOCYTOCHEMISTRY/  
NEUROSECRETION/ OXIDATION-REDUCTION/  
PHENOLPHTHALEINS/ \*PITUITARY GLAND,  
POSTERIOR/ RATS/ ROSANILINE DYES/  
\*STAINS AND STAINING/ VITAMIN A/  
VITAMIN E/ VITAMIN K

2331. Haendle H, Ingrisch H, Werle E: Über einen neuen Trypsin-Chymotrypsin-Inhibitor im Cervixsekret der R-Frau.  
Hoppe Seyler Z Physiol Chem 351:545-6, Apr 70 (Ger)  
ADULT/ \*CERVIX MUCUS, analysis/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
DIALYSIS/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MOLECULAR WEIGHT/ \*TRYPSIN  
INHIBITORS, analysis

2332. Haerem JW: Cushion-like intimal lesions and platelet aggregates in intramyocardial arteries of man. *Acta Path Microbiol Scand* 77:73-89, 1969  
ADOLESCENCE/ ADULT/ AGED/ \*ARTERIES,  
pathology/ AUTOPSY/ BLOOD CELLS/  
BLOOD VESSELS, injuries/ CELL  
AGGREGATION/ CHILD/ CHILD,  
PRESCHOOL/ COLLAGEN/ CONNECTIVE  
TISSUE/ \*CORONARY VESSELS, pathology/  
ELASTIC TISSUE/ FEMALE/ FIBRIN/  
HEMODYNAMICS/ HUMAN/ INFANT/ LIPIDS,  
analysis/ MALE/ MIDDLE AGE/ PLATELET  
ADHESIVENESS/ RUPTURE/ STAINS AND  
STAINING

2333. Haferland W: Untersuchungen über die Stabilität der ABO-Isoagglutinine gegenüber Trypsin. *Folia Haemat (Lpz)* 92:227-35, 1969 (Ger)  
\*ABO FACTORS/ BINDING SITES/  
BROMIDES, pharmacodynamics/ CYANATES,  
pharmacodynamics/ CYSTEINE,  
pharmacodynamics/ ENGLISH ABSTRACT/  
HUMAN/ ISOANTIBODIES, analysis/  
\*ISOANTIBODIES, metabolism/ PEPTIDE  
HYDROLASES, blood/ POTASSIUM,  
pharmacodynamics/ PROTEIN  
DENATURATION/ \*TRYPSIN,  
pharmacodynamics/ UREA, pharmacodynamics

2334. Hagedorn AB, Thompson JH Jr, Bowie EJ, et al: Intravascular coagulation and hemangiomata. *Thromb Diath Haemorrh* 36:Suppl 36:233-8, 1969  
ADOLESCENCE/ ADULT/ AMPUTATION/  
BLADDER NEOPLASMS, complications/  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION TESTS/ BLOOD  
PLATELETS/ BLOOD TRANSFUSION/  
FACTOR VIII, analysis/ FACTOR IX, analysis/  
FEMALE/ FEMORAL NEOPLASMS, etiology/  
FIBRINOGEN, analysis/ \*HEMANGIOMA,  
complications/ HEMANGIOMA, radiotherapy/  
HEMANGIOMA, therapy/ HEMATURIA,  
etiology/ HEMORRHAGIC DIATHESIS,  
etiology/ HUMAN/ LEG INJURIES,  
complications/ MENORRHAGIA, etiology/  
MIDDLE AGE/ PELVIC NEOPLASMS/ TOOTH  
EXTRACTION, adverse effects

2335. Hagen PO, Ofstad E, Amundsen E: Experimental acute pancreatitis in dogs. 3. The nature of the phospholipase activity of pancreatic exudate. *Scand J Gastroent* 4:81-8, 1969  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
BILE ACIDS AND SALTS/ DOGS/ EXUDATES

2336. Häggendal E, Nilsson NJ, Norbäck B: Aspects of the autoregulation of cerebral blood flow. *Int Anesth Clin* 7:353-67, Summer 69 (23 ref.)  
ANIMAL EXPERIMENTS/ AUTONOMIC  
NERVOUS SYSTEM, physiology/ BLOOD  
FLOW VELOCITY/ BLOOD PRESSURE/  
BLOOD VISCOSITY/ BRAIN, metabolism/  
CARBON DIOXIDE, blood/ CATS/ CEREBRAL  
ARTERIES, metabolism/ \*CEREBROVASCULAR  
CIRCULATION/ DOGS/ HUMAN/ OXYGEN,  
blood/ REVIEW/ \*VASOMOTOR SYSTEM,  
physiology

2337. Haggitt RC, Rudner H: Acute leukemia with terminal febrile illness. *J Tenn Med Ass* 62:933-9, Oct 69  
CASE REPORT/ CECAL DISEASES,  
complications/ FATTY LIVER, complications/  
HUMAN/ \*LEUKEMIA, pathology/ LIVER,  
pathology/ LIVER DISEASES, complications/  
LUNG, pathology/ LUNG DISEASES, FUNGAL,  
pathology/ MALE/ MIDDLE AGE/  
\*MONILIASIS, pathology/ PANCREATITIS,  
complications/ PURPURA, THROMBOPENIC,  
complications

2338. Hagler WS, Jarrett JH 2d, Humphrey WT: The radioactive phosphorus uptake test in diagnosis of uveal melanoma. *Arch Ophthalm (Chicago)* 83:548-57, May 70  
CHOROID/ CHOROID NEOPLASMS, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ \*EYE  
NEOPLASMS, diagnosis/ FALSE NEGATIVE  
REACTIONS/ HEMANGIOMA, diagnosis/  
HEMATOMA, diagnosis/ HUMAN/  
\*MELANOMA, diagnosis/ METHODS/  
\*PHOSPHORUS ISOTOPES, diagnostic use/  
PHOSPHORUS ISOTOPES, metabolism/  
RETINA/ \*UVEA/ UVEA, metabolism

2339. Hagmar B: Tumour growth and spontaneous metastasis spread in two syngeneic systems. *Acta Path Microbiol Scand [A]* 78:131-42, 1970  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*COUMARINS,  
pharmacodynamics/ FIBRIN, analysis/  
\*HEPARIN, pharmacodynamics/ MELANOMA,  
surgery/ MICE/ \*NEOPLASM METASTASIS,  
drug therapy/ NEOPLASM  
TRANSPLANTATION/ NEOPLASMS,  
EXPERIMENTAL, surgery/ \*NEOPLASMS,  
VASCULAR TISSUE, drug therapy/ TAIL

2340. Hagmar B: Experimental tumour metastases and blood coagulability. *Acta Path Microbiol Scand [Suppl]* 211:Suppl 211:5+, 1970  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*COUMARINS,  
pharmacodynamics/ FEMALE/ \*HEPARIN,  
pharmacodynamics/ \*LUNG NEOPLASMS/  
MALE/ \*MELANOMA/  
METHYLCHOLANTHRENE/ MICE/  
\*NEOPLASM METASTASIS/ NEOPLASM  
TRANSPLANTATION/ \*PROTAMINES,  
pharmacodynamics/ \*SARCOMA,  
EXPERIMENTAL/ SARCOMA,  
EXPERIMENTAL, chemically induced

2341. Hagmar B, Norrby K: Evidence for effects of heparin on cell surfaces influencing experimental metastases. *Int J Cancer* 5:72-84, 15 Jan 70  
ANIMAL EXPERIMENTS/ CHONDROITIN,  
pharmacodynamics/ \*HEPARIN,  
pharmacodynamics/ IN VITRO/  
METHYLCHOLANTHRENE/ \*NEOPLASM  
METASTASIS, pathology/ PROTAMINES,  
pharmacodynamics/ SARCOMA,  
EXPERIMENTAL, pathology

2342. Hahn F, Mészáros E: Effect of heparin, protamine sulfate and antigen on histaminase (diamine oxydase)



# AUTHOR SECTION

- activity of the guinea pig liver.  
Arch Int Pharmacodyn 180:195-205, Jul 69  
\*ANAPHYLAXIS, enzymology/ ANIMAL  
EXPERIMENTS/ \*ANTIGENS/ FEMALE/  
GUINEA PIGS/ \*HEPARIN, pharmacodynamics/  
\*HISTAMINASE, metabolism/ \*LIVER,  
enzymology/ MALE/ OVALBUMIN,  
pharmacodynamics/ \*PROTAMINES,  
pharmacodynamics/ SODIUM CHLORIDE,  
pharmacodynamics
2343. Haig TH: Cellular membranes in the etiology of acute  
pancreatitis. Surg Forum 20:380-2, 1969  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
BILE/ CATTLE/ \*CELL MEMBRANE  
PERMEABILITY, drug effects/ DIETARY  
CARBOHYDRATES, pharmacodynamics/  
\*DIETARY FATS, pharmacodynamics/  
DIETARY PROTEINS, pharmacodynamics/  
DOGS/ METHODS/ PANCREAS, pathology/  
\*PANCREATITIS, etiology/ SODIUM  
CHLORIDE, toxicity/ TRYPSIN, toxicity
2344. Haire M, Hadden DS: Immunoglobulin responses in  
rubella and its complications.  
Brit Med J 3:130-2, 18 Jul 70  
ADOLESCENCE/ ADULT/ \*ANTIBODY  
FORMATION/ CARPAL TUNNEL SYNDROME,  
etiology/ CARPAL TUNNEL SYNDROME,  
immunology/ FEMALE/ FLUORESCENT  
ANTIBODY TECHNIC/ \*GAMMA GLOBULIN,  
analysis/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ HUMAN/  
IMMUNOGLOBULINS, analysis/ MALE/  
MIDDLE AGE/ PURPURA, THROMBOPENIC,  
etiology/ PURPURA, THROMBOPENIC,  
immunology/ RUBELLA, complications/  
\*RUBELLA, immunology
2345. Hait MR: Microcrystalline collagen. A new hemostatic  
agent. Amer J Surg 120:330, Sep 70  
ANIMAL EXPERIMENTS/ BANDAGES/  
BLOOD VESSEL PROSTHESIS/ CATTLE/  
COLLAGEN, pharmacodynamics/ \*COLLAGEN,  
therapeutic use/ DOGS/ \*HEMORRHAGE,  
prevention & control/ HEMOSTATICS,  
pharmacodynamics/ \*HEMOSTATICS,  
therapeutic use/ RABBITS/ WOUND  
HEALING, drug effects/ WOUND INFECTION,  
drug therapy
2346. Hait MR, Battista OA, Stark RB, et al: Microcrystalline  
collagen as a biologic dressing, vascular prosthesis,  
and hemostatic agent. Surg Forum 20:51-3, 1969  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
\*BANDAGES, adverse effects/ BLOOD  
PLATELETS/ \*BLOOD VESSEL PROSTHESIS,  
adverse effects/ \*COLLAGEN, adverse effects/  
DOGS/ HEMATOPOIESIS/ \*HEMOSTATICS,  
adverse effects/ MEMBRANES, ARTIFICIAL/  
\*POLYMERS, adverse effects/ POWDERS/  
RABBITS
2347. Hajdu SI, Foote FW Jr: Angiomyolipoma of the kidney:  
report of 27 cases and review of the literature.  
J Urol 102:396-401, Oct 69  
ADULT/ AGE FACTORS/ AGED/ FEMALE/  
HEMANGIOMA, complications/  
HEMANGIOMA, occurrence/ HEMANGIOMA,  
pathology/ HUMAN/ KIDNEY NEOPLASMS,  
complications/ \*KIDNEY NEOPLASMS,  
occurrence/ KIDNEY NEOPLASMS, pathology/  
LIPOMA, complications/ \*LIPOMA, occurrence/  
LIPOMA, pathology/ MALE/ MIDDLE AGE/  
RETROSPECTIVE STUDIES/ SEX FACTORS/  
TUBEROUS SCLEROSIS, complications
2348. Hájek P: Neutralization of bacterial viruses by  
antibodies of young animals. II. Studies on the  
cofactor activity of complement from precolostral  
piglet serum: comparison with the haemolytic and  
bactericidal activity.  
Folia Microbiol (Praha) 14:595-601, 1969  
ADSORPTION/ AMMONIUM COMPOUNDS,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
ANIMALS, NEWBORN/ \*ANTIBODIES/  
ANTIGEN-ANTIBODY REACTIONS/  
\*BACTERIOPHAGE, immunology/ BLOOD  
BACTERICIDAL ACTIVITY/ COLOSTRUM/  
\*COMPLEMENT/ EDTA, pharmacodynamics/  
GEL FILTRATION/ HEAT/ HEMOLYSIS/  
NEUTRALIZATION TESTS/ RABBITS/  
SWINE/ TRYPSIN, pharmacodynamics/  
ULTRACENTRIFUGATION/ ZYMOSAN
2349. Hájek V, Maršálek E: A study of staphylococci of  
bovine origin Staphylococcus aureus var. bovis.  
Zbl Bakt [Orig] 209:154-60, Jan 69  
AGAR/ ANTIBIOTICS, pharmacodynamics/  
\*CATTLE/ COAGULASE, metabolism/ DRUG  
RESISTANCE, MICROBIAL/ FEMALE/  
GENETICS, MICROBIAL/ HEMOLYSINS,  
biosynthesis/ HUMAN/ HUNGARY/ IMMUNE  
SERUMS/ MASTITIS, BOVINE, etiology/  
MICROBIAL SENSITIVITY TESTS/ MILK,  
microbiology/ NASAL MUCOSA, microbiology/  
PENICILLIN RESISTANCE/ PIGMENTATION/  
RABBITS/ \*STAPHYLOCOCCUS/  
STAPHYLOCOCCUS, classification/  
STAPHYLOCOCCUS, drug effects/  
STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, growth & development/  
STAPHYLOCOCCUS, isolation & purification/  
STAPHYLOCOCCUS, metabolism/  
STAPHYLOCOCCUS, pathogenicity
2350. Hájek V, Maršálek E: A study of staphylococci isolated  
from the upper respiratory tract of different animal  
species. Zbl Bakt [Orig] 212:60-73, Dec 69  
AGAR/ ANIMAL EXPERIMENTS/  
ANTIBIOTICS, pharmacodynamics/ BLOOD/  
COAGULASE, metabolism/ DOGS/ \*DOGS/  
DRUG RESISTANCE, MICROBIAL/  
FERMENTATION/ FIBRINOLYSIN,  
metabolism/ HEMOLYSINS, biosynthesis/  
MANNITOL, metabolism/ NASAL MUCOSA,  
microbiology/ NOMENCLATURE/ PARANASAL  
SINUSES, microbiology/ PENICILLIN  
RESISTANCE/ \*PIGEONS/ PIGMENTATION/  
\*RESPIRATORY SYSTEM, microbiology/  
SPECIES SPECIFICITY/ STAPHYLOCOCCUS,  
classification/ STAPHYLOCOCCUS, drug  
effects/ STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, growth & development/  
\*STAPHYLOCOCCUS, isolation & purification/  
STAPHYLOCOCCUS, metabolism
2351. Hakala TR, Page D, Fleischli DJ: Paravascular  
hemangiopericytoma. J Urol 103:436-40, Apr 70  
ADULT/ ANGIOGRAPHY/ BIOPSY/ FEMALE/  
HEMANGIOEPICYTOMA, diagnosis/  
\*HEMANGIOEPICYTOMA, pathology/  
HEMANGIOEPICYTOMA, radiography/  
HUMAN/ PELVIC NEOPLASMS, diagnosis/  
\*PELVIC NEOPLASMS, pathology/ PELVIS,  
blood supply
2352. Hakim AA: DNA, a controlling factor in the conversion  
of plasminogen to plasmin.  
Experientia 25:995-6, 15 Sep 69  
BLOOD COAGULATION/ CHEMISTRY/ \*DNA/  
ELECTROPHORESIS, DISK/ \*FIBRINOLYSIN/  
HEAT/ HUMAN/ MYOCARDIUM/  
\*PLASMINOGEN/ SPECTRUM ANALYSIS/  
SWINE
2353. Hakim AA: Interaction of human plasminogen with  
deoxyribonucleic acids. II. Protection of human  
plasminogen against catalytic activation with  
deoxyribonucleic acids.  
Enzymologia 38:57-61, 30 Jan 70  
ACRYLATES/ AMINOCAPROIC ACID/  
ARGININE/ \*BIOCHEMISTRY/ CASEIN/  
CHEMISTRY/ DEOXYRIBONUCLEASE/ \*DNA/  
ELECTROPHORESIS, DISK/ ENZYME  
ACTIVATION/ ESTERASES, antagonists &  
inhibitors/ ESTERS/ FIBRINOLYSIN/  
FIBRINOLYSIS/ GELS/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ LYSINE/ MYOCARDIUM/  
\*PLASMINOGEN/ PLASMINOGEN, antagonists  
& inhibitors/ STREPTOKINASE/ SULFONIC  
ACIDS/ SWINE/ TIME FACTORS/ TOLUENE/  
ULTRACENTRIFUGATION
2354. Hakim CA, Elder MG, Hawkins DF: Plasma factor IX  
levels in patients given hexoestrol or stilboestrol to  
suppress lactation. Brit Med J 4:82-4, 11 Oct 69  
ADULT/ CLINICAL RESEARCH/  
COMPARATIVE STUDY/



## AUTHOR SECTION

- \*DIETHYLSTILBESTROL, pharmacodynamics/  
 \*FACTOR IX, analysis/ FEMALE/  
 \*HEXESTROL, pharmacodynamics/ HUMAN/  
 \*LACTATION, drug effects/ THROMBOSIS,  
 chemically induced/ TIME FACTORS
2355. **Hakim S:** Observations on the physiopathology of the CSF pulse and prevention of ventricular catheter obstruction in valve shunts.  
 Develop Med Child Neurol [Suppl] 20:42-8, 1969  
 BRAIN, pathology/ CATHETERIZATION,  
 instrumentation/ \*CEREBRAL VENTRICLES,  
 surgery/ CEREBROSPINAL FLUID PROTEINS/  
 CEREBROSPINAL FLUID SHUNTS/ CHOROID  
 PLEXUS/ CONNECTIVE TISSUE CELLS/  
 FIBRIN/ HUMAN/ \*HYDROCEPHALUS,  
 surgery/ LEUKOCYTES/ NEUROSURGERY,  
 instrumentation/ \*SURGICAL INSTRUMENTS,  
 standards
2356. **Halawa B, Swiderska T:** Studies on the proteolytic activity of feces in pancreatic diseases.  
 Pol Med J 9:349-53, 1970  
 ADULT/ AGED/ CASEIN/ CHYMOTRYPSIN,  
 metabolism/ \*FECEs, enzymology/ FEMALE/  
 HUMAN/ IODINE ISOTOPES/ MALE/  
 METHODS/ MIDDLE AGE/ PANCREATIC  
 NEOPLASMS, diagnosis/ \*PANCREATIC  
 NEOPLASMS, enzymology/ PANCREATITIS,  
 diagnosis/ \*PANCREATITIS, enzymology/  
 \*PEPTIDE HYDROLASES, metabolism/  
 TRYPSIN, metabolism
2357. **Halberstadt E, Wüst L, Stein WW:** Grundlagen der Anwendung von Antifibrinolytika in der Geburtshilfe und Gynäkologie. Praxis 58:1456-61, 11 Nov 69 (Ger)  
 \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*GYNECOLOGIC DISEASES,  
 drug therapy/ \*LABOR COMPLICATIONS,  
 drug therapy/ PREGNANCY
2358. **Halikas GC:** Vortex trails behind a cylinder in ox blood. Biorheology 8:189-99, Jan 70  
 ANIMAL EXPERIMENTS/ \*BLOOD/ BLOOD  
 FLOW VELOCITY/ BLOOD VISCOSITY/  
 CARDIOVASCULAR DISEASES, diagnosis/  
 CATTLE/ HEART AUSCULTATION/ IN  
 VITRO/ PRESSURE/ \*RHEOLOGY/ SOUND/  
 SURFACE-ACTIVE AGENTS/ TRANSDUCER
2359. **Hall BM:** Mercury resistance of Staphylococcus aureus. J Hyg (Camb) 68:121-9, Mar 70  
 COAGULASE, analysis/ DIURETICS,  
 MERCURIAL, pharmacodynamics/ \*DRUG  
 RESISTANCE, MICROBIAL/ ERYTHROMYCIN,  
 pharmacodynamics/ HEAT/ HUMAN/  
 \*MERCURY, pharmacodynamics/  
 \*STAPHYLOCOCCUS, drug effects/  
 STAPHYLOCOCCUS, growth & development/  
 TETRACYCLINE, pharmacodynamics
2360. **Hall J, Dobbs RH:** Cerebral emboli from aneurysm of left atrial appendage. Proc Roy Soc Med 62:911, Sep 69  
 CEREBRAL EMBOLISM AND THROMBOSIS,  
 complications/ CEREBRAL EMBOLISM AND  
 THROMBOSIS, drug therapy/ \*CEREBRAL  
 EMBOLISM AND THROMBOSIS, etiology/  
 CHILD/ CHILD, PRESCHOOL/ CONVULSIONS,  
 etiology/ \*HEART ANEURYSM, complications/  
 HEART ATRIUM/ HUMAN/ INFANT/ MALE/  
 PHENINDIONE, therapeutic use/ SPEECH  
 DISORDERS, etiology
2361. **Hall WD:** Coagulation and Shwartzman reaction. New Eng J Med 281:1367-8, 11 Dec 69  
 ANIMAL EXPERIMENTS/ \*BLOOD  
 COAGULATION/ BLOOD COAGULATION  
 TESTS/ HUMAN/ RABBITS/ \*SHWARTZMAN  
 PHENOMENON, blood
2362. **Halliday P:** "Repeat" high ligation. Aust New Zeal J Surg 39:354-6, May 70  
 CHRONIC DISEASE/ DISSECTION/  
 \*FEMORAL VEIN, surgery/ HEMORRHAGE,  
 prevention & control/ HEMOSTASIS/ HUMAN/  
 METHODS/ \*SAPHENOUS VEIN, surgery/  
 VARICOSE VEINS, complications/ \*VARICOSE  
 VEINS, surgery
2363. **Hallman GL, Cooley DA:** Problems and results of cardiac transplantation.  
 Progr Cardiovasc Dis 12:213-20, Nov 69 (19 ref.)  
 CHILD, PRESCHOOL/ CORONARY DISEASE,  
 surgery/ FEMALE/ \*HEART, transplantation/  
 HEART DISEASES, surgery/  
 HISTOCOMPATIBILITY/  
 HISTOCOMPATIBILITY TESTING/ HUMAN/  
 HYPERGLYCEMIA/ IMMUNOSUPPRESSIVE  
 AGENTS, therapeutic use/ INFANT/  
 LEUKOPENIA, etiology/ MALE/ MIDDLE  
 AGE/ OSTEOPOROSIS, etiology/  
 POSTOPERATIVE COMPLICATIONS/  
 REVIEW/ THROMBOPENIA, etiology/ TISSUE  
 DONORS/ TRANSPLANTATION,  
 HOMOLOGOUS/ TRANSPLANTATION  
 IMMUNOLOGY
2364. **Hallman GL, Messmer BJ, Elkadi A, et al:** Clinical experience with a Wada-Cutter cardiac valve prosthesis. Ann Thorac Surg 10:9-19, Jul 70  
 ADOLESCENCE/ ADULT/ AGED/  
 ANTICOAGULANTS, therapeutic use/ CHILD/  
 CHILD, PRESCHOOL/ FEMALE/ HEART  
 VALVE DISEASES, drug therapy/ HEART  
 VALVE DISEASES, surgery/ \*HEART VALVE  
 PROSTHESIS/ HUMAN/ MALE/ MIDDLE  
 AGE/ MITRAL VALVE, surgery/  
 POSTOPERATIVE COMPLICATIONS/  
 THROMBOEMBOLISM
2365. **Halmagyi DF:** Catecholamines, disseminated intra-vascular coagulation and shock. Med J Aust 1:1020, 16 May 70  
 ANIMAL EXPERIMENTS/ \*BLOOD  
 COAGULATION DISORDERS, complications/  
 CATECHOLAMINES, adverse effects/  
 HEPARIN, pharmacodynamics/ HUMAN/  
 PHENOXYBENZAMINE, pharmacodynamics/  
 SHOCK, chemically induced/ \*SHOCK,  
 etiology/ THROMBIN, pharmacodynamics
2366. **Halpern M:** Spontaneous closure of traumatic renal arteriovenous fistulas. Amer J Roentgen 107:730-6, Dec 69  
 ACUTE DISEASE/ ADULT/ ANGIOGRAPHY/  
 ARTERIOVENOUS FISTULA, etiology/  
 \*ARTERIOVENOUS FISTULA, radiography/  
 FEMALE/ HEMATOMA, radiography/ HUMAN/  
 KIDNEY DISEASES, etiology/ \*KIDNEY  
 DISEASES, radiography/ MALE/ MIDDLE  
 AGE/ RENAL ARTERY/ WOUNDS AND  
 INJURIES, complications
2367. **Halstead SB:** Observations related to pathogenesis of dengue hemorrhagic fever. VI. Hypotheses and discussion. Yale J Biol Med 42:350-62, Apr 70  
 AGE FACTORS/ ANTIBODY FORMATION/  
 DENGUE, complications/ \*DENGUE, etiology/  
 DENGUE, immunology/ DENGUE,  
 physiopathology/ DENGUE VIRUS,  
 classification/ \*DENGUE VIRUS, immunology/  
 FEMALE/ HEMORRHAGIC DIATHESIS,  
 etiology/ HUMAN/ \*HYPERSENSITIVITY,  
 DELAYED/ MALE/ SEX FACTORS/ SHOCK,  
 etiology/ TIME FACTORS/ VIRULENCE/  
 VIRUS REPLICATION
2368. **Halstead SB, Nimmannitya S, Cohen SN:** Observations related to pathogenesis of dengue hemorrhagic fever. IV. Relation of disease severity to antibody response and virus recovered. Yale J Biol Med 42:311-28, Apr 70  
 ADOLESCENCE/ AGE FACTORS/  
 \*ANTIBODIES, analysis/ ANTIBODY  
 FORMATION/ CHILD/ CHILD, PRESCHOOL/  
 \*DENGUE, complications/ DENGUE, etiology/  
 DENGUE, immunology/ DENGUE,  
 microbiology/ DENGUE VIRUS, classification/  
 \*DENGUE VIRUS, isolation & purification/  
 FEMALE/ HEMAGGLUTINATION INHIBITION  
 TESTS/ HEMORRHAGIC DIATHESIS,  
 complications/ HUMAN/ INFANT/ MALE/  
 SEX FACTORS/ \*SHOCK, occurrence
2369. **Halstead SB, Simasthien P:** Observations related to the pathogenesis of dengue hemorrhagic fever. II. Antigenic and biologic properties of dengue viruses and their association with disease response in the host. Yale J Biol Med 42:276-92, Apr 70  
 \*ANTIGENS, analysis/ ASCITIC FLUID/ ASIA/  
 CROSS REACTIONS/ DENGUE, etiology/



## AUTHOR SECTION

- \*DENGUE, occurrence/ DENGUE VIRUS, classification/ \*DENGUE VIRUS, immunology/ GEOGRAPHY/ HEMORRHAGIC DIATHESIS, immunology/ HUMAN/ MICE/ NEUTRALIZATION TESTS/ PUERTO RICO/ TRINIDAD/ \*VIRULENCE
2370. Halstead SB, Udomsakdi S, Simasthien P, et al: Observations related to pathogenesis of dengue hemorrhagic fever. I. Experience with classification of dengue viruses. *Yale J Biol Med* 42:261-75, Apr 70  
\*ANTIGENS, analysis/ COMPLEMENT FIXATION TESTS/ DENGUE, etiology/ \*DENGUE, microbiology/ DENGUE, occurrence/ \*DENGUE VIRUS, classification/ DENGUE VIRUS, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HEMORRHAGIC DIATHESIS, microbiology/ HUMAN/ IMMUNE SERUMS/ MICE/ MONKEYS/ NEUTRALIZATION TESTS/ SPECIES SPECIFICITY/ THAILAND/ TISSUE CULTURE
2371. Ham JM: Reduction of platelet adhesiveness in vitro by post-heparin plasma.  
*Aust J Exp Biol Med Sci* 47:755-7, Dec 69  
ADULT/ \*BLOOD PLATELETS/ CHOLECYSTECTOMY/ FEMALE/ \*HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS
2372. Ham JM, Rose R: Platelet adhesiveness and lipoprotein lipase activity in controls and in subjects taking oral contraceptives.  
*Amer J Obstet Gynec* 105:628-31, 15 Oct 69  
ADULT/ CLINICAL RESEARCH/ CONTRACEPTIVES, ORAL, adverse effects/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ \*ERYTHROCYTES, drug effects/ ETHINYL ESTRADIOL, adverse effects/ ETHYNODIOL DIACETATE, adverse effects/ ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ HUMAN/ HYPERLIPEMIA, etiology/ LIPIDS, blood/ \*LIPOPROTEIN LIPASE, metabolism/ LYNESTRENOL, adverse effects/ LYNESTRENOL, pharmacodynamics/ MESTRANOL, adverse effects/ MESTRANOL, pharmacodynamics/ NORETHINDRONE, adverse effects/ NORETHINDRONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects
2373. Hama H, Kasai M, Maruyama K, et al: Natural F-actin. IV. Length distribution and its change studied by electron microscopy.  
*Biochim Biophys Acta* 194:470-7, 23 Dec 69  
BIREFRINGENCE/ DRUG STABILITY/ MICROSCOPY, ELECTRON/ \*MUSCLE PROTEINS/ \*MYOFIBRILS, cytology/ STAINS AND STAINING/ STATISTICS/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION/ VIBRATION
2374. Hamaker WR, Buchman RJ, Cox WA, et al: Hemothorax. A complication of anticoagulant therapy. *Ann Thorac Surg* 8:584-9, Dec 69  
ADULT/ AGED/ \*ANTICOAGULANTS, adverse effects/ CASE REPORT/ \*HEMOTHORAX, etiology/ HEMOTHORAX, radiography/ HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ WARFARIN, adverse effects
2375. Hamanaka Y, Mori S, Kano M, et al: [Surgical of Sturge-Weber syndrome in a child with plexuspapilloma of the left lateral ventricle] *Brain Nerve (Tokyo)* 22:99-103, Jan 70 (Jap)  
\*ANGIOMATOSIS, complications/ CEREBRAL ANGIOGRAPHY/ \*CEREBRAL VENTRICLE NEOPLASMS, complications/ CEREBRAL VENTRICLE NEOPLASMS, pathology/ CEREBRAL VENTRICLE NEOPLASMS, surgery/ \*CHOROID PLEXUS/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ MALE/ \*PAPILLOMA, complications/ PAPILLOMA, pathology/ PAPILLOMA, surgery/ VENTRICULOGRAPHY
2376. Hamano T, Yamanaka T, Inoue S, et al: [Case of double primary pulmonary tumors--hemangiomatous squamous cell carcinoma]
- Jap J Thorac Surg 23:125-9, Feb 70 (Jap)  
\*CARCINOMA, EPIDERMOID, complications/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, complications/ HUMAN/ \*LUNG NEOPLASMS/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ MIDDLE AGE/ \*NEOPLASMS, MULTIPLE PRIMARY
2377. Hamberg U: Kininogen in human plasma after fibrinolytic activation.  
*Scand J Clin Lab Invest Suppl* 107:37+, 1969  
BRADYKININ, analysis/ ESTERASES, analysis/ \*FIBRINOLYSIN/ GEL FILTRATION/ HUMAN/ \*KININS, blood/ \*PLASMINOGEN/ STIMULATION, CHEMICAL/ STREPTOKINASE
2378. Hamberg U: Kininogen in human plasma after fibrinolytic activation.  
*Scand J Clin Lab Invest* 24:Suppl 107:37+, 1969  
BRADYKININ, analysis/ ESTERASES, analysis/ \*FIBRINOLYSIN/ GEL FILTRATION/ HUMAN/ \*KININS, blood/ \*PLASMINOGEN/ STIMULATION, CHEMICAL/ STREPTOKINASE
2379. Hamberg U, Elg P, Stelwagen P: Tryptic and plasmic peptide fragments increasing the effect of bradykinin on isolated smooth muscle.  
*Scand J Clin Lab Invest Suppl* 107:21+, 1969  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*BRADYKININ, pharmacodynamics/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ELEDOISIN/ GEL FILTRATION/ GUINEA PIGS/ ILEUM/ IN VITRO/ METHODS/ \*MUSCLE, SMOOTH, drug effects/ PEPTIDE HYDROLASES/ \*PEPTIDES, pharmacodynamics/ STIMULATION, CHEMICAL
2380. Hamberg U, Elg P, Stelwagen P: Tryptic and plasmic peptide fragments increasing the effect of bradykinin on isolated smooth muscle.  
*Scand J Clin Lab Invest* 24:S '71:21+, 1969  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*BRADYKININ, pharmacodynamics/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ELEDOISIN/ GEL FILTRATION/ GUINEA PIGS/ ILEUM/ IN VITRO/ METHODS/ \*MUSCLE, SMOOTH, drug effects/ PEPTIDE HYDROLASES/ \*PEPTIDES, pharmacodynamics/ STIMULATION, CHEMICAL
2381. Hamberg U, Savolainen ML: Effect of bradykinin on the urokinase excretion in rabbits.  
*Scand J Clin Lab Invest Suppl* 107:105+, 1969  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ \*BRADYKININ, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ ELEDOISIN, pharmacodynamics/ \*FIBRINOLYTIC AGENTS, urine/ GEL FILTRATION/ MALE/ NOREPINEPHRINE, physiology/ RABBITS
2382. Hamberg U, Savolainen ML: Effect of bradykinin on the urokinase excretion in rabbits.  
*Scand J Clin Lab Invest* 24:Suppl 107:105+, 1969  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ \*BRADYKININ, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ ELEDOISIN, pharmacodynamics/ \*FIBRINOLYTIC AGENTS, urine/ GEL FILTRATION/ MALE/ NOREPINEPHRINE, physiology/ RABBITS
2383. Hamburger J: Sur un phénomène inédit d'adhérence lympho-plaquettaire.  
*C R Acad Sci [D] (Paris)* 207:740-1, 2 Feb 70 (Fre)  
ADHESIVENESS/ BLOOD GROUPS/ \*BLOOD PLATELETS/ HISTOCOMPATIBILITY/ HUMAN/ \*LYMPHOCYTES/ MICROSCOPY, PHASE CONTRAST/ PLATELET ADHESIVENESS
2384. Hamilton HW, Crawford JS, Gardiner JH, et al: Venous thrombosis in patients with fracture of the upper end



## AUTHOR SECTION

- of the femur. A phlebographic study of the effect of prophylactic anticoagulation.  
**J Bone Joint Surg [Brit]** 52:268-89, May 70  
 ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ BLOOD PLATELETS/ FEMALE/ \*FEMORAL FRACTURES, complications/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, mortality/ \*PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, mortality/ \*THROMBOPHLEBITIS, prevention & control/ THROMBOPLASTIN
- 2385. Hamlin H:** Aid of LN2-cryospray in extirpation of brain tumors. *Int Surg* 52:285-6, Oct 69  
 AEROSOLS/ \*BRAIN NEOPLASMS, surgery/ \*CRYOGENIC SURGERY/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ \*NITROGEN, administration & dosage/ OCCIPITAL LOBE/ PARIETAL LOBE
- 2386. Hammett JF:** Thrombocytopenia following administration of 'Bactrim'. *Med J Aust* 2:200, 25 Jul 70  
 ADULT/ FEMALE/ \*FOLIC ACID ANTAGONISTS, adverse effects/ HUMAN/ MALE/ PYRIMIDINES, adverse effects/ RESPIRATORY TRACT INFECTIONS, drug therapy/ \*SULFAMETHOXAZOLE, adverse effects/ \*THROMBOPENIA, chemically induced
- 2387. Hammond RK, White DC:** Separation of vitamin K2 isoprenologues by reversed-phase thin-layer chromatography. *J Chromatogr* 45:446-52, 23 Dec 69  
 CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ HAEMOPHILUS, metabolism/ NAPHTHOQUINONES, metabolism/ SPECTROPHOTOMETRY/ STAPHYLOCOCCUS, metabolism/ \*TERPENES, analysis/ TERPENES, biosynthesis/ TRITUM/ \*VITAMIN K, analysis/ VITAMIN K, biosynthesis
- 2388. Hammond RK, White DC:** Formation of vitamin K2 isoprenologues by *Staphylococcus aureus*. *J Bact* 100:573-8, Nov 69  
 CARBON ISOTOPES/ CHEMISTRY/ GLYCERIN/ MEVALONIC ACID, biosynthesis/ NAPHTHOQUINONES, biosynthesis/ \*STAPHYLOCOCCUS, metabolism/ VITAMIN K, analysis/ \*VITAMIN K, biosynthesis
- 2389. Hamoir G:** The muscle proteins of the vascular wall. *Angiologica (Basel)* 6:190-225, 1969 (93 ref.)  
 AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLADDER, analysis/ BLOOD VESSELS, analysis/ CAROTID ARTERIES, analysis/ CATTLE/ CHICKENS/ COLLAGEN, analysis/ DOGS/ ELASTIN, analysis/ ELECTROPHORESIS/ FEMALE/ FISHES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINE, SMALL, analysis/ \*MUSCLE PROTEINS, analysis/ \*MUSCLE, SMOOTH, analysis/ MUSCLES, analysis/ MYOCARDIUM, analysis/ NITROGEN, analysis/ RABBITS/ RATS/ REVIEW/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION/ UTERUS, analysis/ VENA CAVA, INFERIOR, analysis
- 2390. Hampel H, Hofrichter G, Liehn HD, et al:** Zur Pharmakologie der Aescin-Isomere unter besonderer Berücksichtigung von alpha-Aescin. *Arzneimittelforschung* 20:209-15, Feb 70 (Ger)  
 \*AESCULUS/ ANAPHYLAXIS, chemically induced/ ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY, drug effects/ CHLORIDES, urine/ COMPARATIVE STUDY/ CORTICOSTERONE, blood/ DEPRESSION, CHEMICAL/ DIURESIS, drug effects/ DOGS/ EDEMA, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ GLYCOSIDES, administration & dosage/ \*GLYCOSIDES, pharmacodynamics/ GLYCOSIDES, therapeutic use/ \*GLYCOSIDES, toxicity/ GUINEA PIGS/ INJECTIONS, INTRAVENOUS/ MALE/ MICE/ OVALBUMIN, antagonists & inhibitors/ POTASSIUM, urine/ RABBITS/ RATS/ SODIUM, urine/ SOLUBILITY/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ TERPENES, administration & dosage/ \*TERPENES, pharmacodynamics/ TERPENES, therapeutic use/ \*TERPENES, toxicity
- 2391. Hampton JW:** Leukocyte anticoagulant with myelogenous leukemia. *Amer J Med* 48:408-11, Mar 70  
 ADULT/ \*ANTICOAGULANTS, blood/ BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ CEPHALINS/ CHRISTMAS DISEASE/ FACTOR VIII/ FACTOR XI DEFICIENCY/ FACTOR XII/ HEMORRHAGIC DIATHESIS, blood/ HUMAN/ \*LEUKEMIA, MYELOCYTIC, blood/ LEUKOCYTE COUNT/ \*LEUKOCYTES, analysis/ MALE/ MICROSCOPY, ELECTRON/ PROTHROMBIN TIME/ SILICONES
- 2392. Hampton JW, Coussons RT:** Splenic transplant for hemophilia. *New Eng J Med* 283:48, 2 Jul 70  
 ANIMAL EXPERIMENTS/ DOGS/ FACTOR VIII, biosynthesis/ \*HEMOPHILIA, therapy/ \*SPLEEN, transplantation/ TRANSPLANTATION, HOMOLOGOUS
- 2393. Han K, Boulanger Y, Dautrevaux M, et al:** Séquence du peptide médian obtenu par coupure de la muoglobine de cheval par le bromure de cyanogène. *Bull Soc Chim Biol (Paris)* 51:439-55, 25 Jul 69 (Fre)  
 AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BROMINE/ CETACEA/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANIDES/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HORSES/ \*MYOGLOBIN, analysis/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN
- 2394. Hanckel RW:** Further experience using cryosurgery in otolaryngology. *Int Surg* 52:287-9, Oct 69  
 ADOLESCENCE/ ADULT/ AGED/ \*ANGIOMA, SCLEROSING, surgery/ \*CRYOGENIC SURGERY/ \*ETHMOID SINUS/ FEMALE/ \*FIBROMA, surgery/ HUMAN/ MALE/ \*MASTOID/ \*MOUTH NEOPLASMS, surgery/ \*NASOPHARYNGEAL NEOPLASMS, surgery/ NEOPLASM RECURRENCE, LOCAL, surgery/ \*NOSE NEOPLASMS, surgery/ \*PARAGANGLIOMA, NONCHROMAFFIN, surgery/ \*PARANASAL SINUS NEOPLASMS, surgery/ \*SARCOMA, OSTEOGENIC, surgery/ \*SKULL NEOPLASMS, surgery
- 2395. Handley AJ:** Portable heparin injector. *Lancet* 2:313-4, 8 Aug 70  
 \*HEPARIN, administration & dosage/ \*INJECTIONS, instrumentation
- 2396. Handley AJ:** Management of deep vein thrombosis. *Brit Med J* 1:234, 24 Jan 70  
 AGE FACTORS/ FEMALE/ \*HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ \*THROMBOPHLEBITIS, drug therapy
- 2397. Hankowitz M, Wiczorek V:** Akute Meningitis und Subarachnoidalblutung unter Streptokinasetherapie. *Psychiat Neurol Med Psychol (Leipzig)* 21:343-5, Sep 69 (Ger)  
 ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*MENINGITIS, chemically induced/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ \*STREPTOKINASE, adverse effects/ \*SUBARACHNOID HEMORRHAGE, chemically induced
- 2398. Hanna N, Nelken D:** A two-stage agglutination test for the detection of antithrombocyte antibodies. *Vox Sang* 18:342-8, Apr 70  
 \*AUTOANTIBODIES, analysis/ \*BLOOD PLATELETS, immunology/ CHICKENS/ GUINEA PIGS/ \*HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ METHODS/ PURPURA, THROMBOPENIC, diagnosis/ SPECIES SPECIFICITY
- 2399. Hannecart-Pokorni E, Dekegel D, Depuydt F, et al:** Study of the structure of *Shigella flexneri* O antigen. I. Chemical degradation. *Biochim Biophys Acta* 201:155-68, 24 Feb 70



## AUTHOR SECTION

- \*ANTIGENS, analysis/ HEAT/ LIPIDS, analysis/ \*LIPOPOLYSACCHARIDES, analysis/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES/ POLYSACCHARIDES, BACTERIAL, analysis/ PROTEINS, analysis/ \*SHIGELLA, immunology/ SPECTROPHOTOMETRY/ ULTRACENTRIFUGATION
2400. Hansch C, Coats E: Alpha-chymotrypsin: a case study of substituent constants and regression analysis in enzymic structure-activity relationships. *J Pharm Sci* 59:731-43, Jun 70 (65 ref.)  
CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ RECEPTORS, DRUG/ REVIEW
2401. Hansson R: Diamine oxidase isoenzymes in human blood plasma. *Scand J Clin Lab Invest* 25:33-9, Jan 70  
ADOLESCENCE/ ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ CHROMATOGRAPHY/ GUANIDINES, pharmacodynamics/ HEPARIN, pharmacodynamics/ \*HISTAMINASE, blood/ HISTAMINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ \*ISOENZYMES, blood/ MALE/ \*PLASMA, enzymology/ PREGNANCY/ TEMPERATURE/ TIME FACTORS
2402. Hansson R, Thysell H: The effect of heparin and some related agents on diamine oxidase in rabbit blood plasma. *Acta Physiol Scand* 78:539-46, Apr 70  
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CITRATES, pharmacodynamics/ DEXTRAN, pharmacodynamics/ FEMALE/ HEPARIN, administration & dosage/ \*HEPARIN, pharmacodynamics/ \*HISTAMINASE, blood/ HISTAMINASE, metabolism/ HISTAMINASE, secretion/ INJECTIONS, INTRAVENOUS/ POLYMYXIN, pharmacodynamics/ PREGNANCY/ PROTAMINES, pharmacodynamics/ RABBITS/ RNA, SOLUBLE, pharmacodynamics
2403. Hansson R, Thysell H: Diamine oxidase in blood plasma in some vertebrates and *Anodonta cygnea* before and after injection of heparin. *Acta Physiol Scand* 74:533-42, Dec 68  
ANIMAL EXPERIMENTS/ CATS/ CATTLE/ DOGS/ FISHES/ FROGS/ GOATS/ GUINEA PIGS/ HAMSTERS/ \*HEPARIN, pharmacodynamics/ \*HISTAMINASE, blood/ INJECTIONS, INTRAVENOUS/ METHODS/ MICE/ MOLLUSCA/ POULTRY/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY/ TIME FACTORS/ VERTEBRATES
2404. Hansson R, Tryding N, Törnqvist A: Diamine oxidase (histaminase) in human pregnancy. The activity of the enzyme in lymph and in blood plasma and the effect of heparin on the latter. *Acta Obstet Gynec Scand* 48:8-18, 1969  
CIRCADIAN RHYTHM/ FEMALE/ HEPARIN, pharmacodynamics/ HISTAMINASE, blood/ \*HISTAMINASE, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ LYMPH, enzymology/ \*PREGNANCY/ PREGNANCY COMPLICATIONS, enzymology/ THORACIC DUCT
2405. Hanuš K, Zdeňková K: Lokale Adhäsion des Gastrointestinaltraktes. (Erstz für den Kanüleneinsatz) *Arch Exp Veterinaarmed* 23:75-80, 1969 (Ger)  
\*ADHESIONS/ ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ \*GASTROINTESTINAL SYSTEM, surgery/ GOATS/ METHODS/ RABBITS/ RATS/ SHEEP/ \*VETERINARY MEDICINE
2406. Hanušová D, Pujman V: Remarks to the haemogram of the pheasants. *Folia Haemat (Leipzig)* 93:266-72, 1970  
AGE FACTORS/ ANIMAL EXPERIMENTS/ BIRD DISEASES, blood/ \*BIRDS, physiology/ \*BLOOD CELL COUNT/ BLOOD PLATELETS/ HEMOGLOBINOMETRY
2407. Haradin AR, Weed RI, Reed CF: Changes in physical properties of stored erythrocytes relationship to survival in vivo. *Transfusion* 9:229-37, Sep-Oct 69  
ADENOSINE TRIPHOSPHATE, analysis/ \*BLOOD PRESERVATION/ CHOLESTEROL, blood/ CHROMATOGRAPHY/ \*ERYTHROCYTE AGING/ \*ERYTHROCYTES, analysis/ ERYTHROCYTES, cytology/ HUMAN/ LUCIFERASE/ LUCIFERIN/ MICROSCOPY, PHASE CONTRAST/ OSMOTIC FRAGILITY/ PAPER/ PHOSPHOLIPIDS, blood/ PHOTOMICROGRAPHY/ VISCOSITY
2408. Harbert GM Jr, Martin CB Jr, Ramsey EM: Extrachorial (circumvallate) placentas in rhesus monkeys. *Amer J Obstet Gynec* 108:98-104, 1 Sep 70  
AMNION/ ANIMAL EXPERIMENTS/ ENDOMETRIUM/ FEMALE/ FETUS/ FIBRIN/ \*MONKEYS/ NIDATION/ OVUM/ \*PLACENTA, abnormalities/ PREGNANCY/ PREGNANCY COMPLICATIONS, etiology/ \*PREGNANCY, growth & development/ UMBILICAL CORD/ UTERUS
2409. Hard RC Jr, Kuilgren B: Etiology, pathogenesis, and prevention of a fatal host-versus-graft syndrome in parent-F1 mouse chimeras. *Amer J Path* 59:203-24, May 70  
ANEMIA, HEMOLYTIC, physiopathology/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ BODY WEIGHT/ CYTOGENETICS/ DISEASE MODELS, ANIMAL/ GRAFT VS HOST REACTION/ HEMOGLOBINOMETRY/ HOMOLOGOUS WASTING DISEASE, etiology/ \*HOMOLOGOUS WASTING DISEASE, physiopathology/ HOMOLOGOUS WASTING DISEASE, prevention & control/ HYPERSPLENISM, physiopathology/ MICE/ ORGAN WEIGHT/ RADIATION CHIMERA/ SKIN, transplantation/ SPLEEN, physiopathology/ TRANSPLANTATION, HOMOLOGOUS
2410. Hardaway RM ed: Disseminated intravascular coagulation in shock. *Thromb Diath Haemorrh* 36:Suppl 36:159+, 1969  
ACIDOSIS/ ANTICOAGULANTS, blood/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD FLOW VELOCITY/ BLOOD TRANSFUSION/ BLOOD VOLUME/ CAPILLARIES, physiopathology/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ PROTHROMBIN TIME/ \*SHOCK, HEMORRHAGIC, complications/ THROMBELASTOGRAPHY/ THROMBOPENIA/ THROMBOPLASTIN
2411. Hardaway RM 3d: Focal tissue necrosis. *Laryngoscope* 79:1705-12, Oct 69  
AGED/ AGGLUTINATION/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELETS, physiopathology/ DOGS/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ MIDDLE AGE/ MONKEYS/ \*NECROSIS, etiology/ SHOCK, pathology
2412. Hardaway RM 3d: The significance of coagulative and thrombotic changes after injury. *J Trauma* 10:354-7, Apr 70  
\*BLOOD COAGULATION DISORDERS/ BLOOD FLOW VELOCITY/ BLOOD TRANSFUSION/ FIBRINOGEN, analysis/ HUMAN/ PROTHROMBIN TIME/ \*SHOCK, TRAUMATIC complications/ \*THROMBOEMBOLISM, etiology/ THROMBOPLASTIN, analysis
2413. Hardesty RL, Baker LD, Gall DA, et al: Systemic resistance during cardiopulmonary bypass. *Surg Forum* 20:185-8, 1969  
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE DETERMINATION/ \*BLOOD VISCOSITY/ CARDIAC OUTPUT/ DOGS/ \*EXTRACORPOREAL CIRCULATION/ HEART SURGERY/ HEMATOCRIT/ HEMOLYSIS/



# AUTHOR SECTION

- \*PLASMA VOLUME/ \*VASCULAR RESISTANCE
2414. Hardillier J: Hémostase per-opératoire dans le stripping saphénien. *Phlebologie* 22:347-8, Oct-Dec 69 (Fre)  
DRAINAGE/ ESTHETICS/ FEMALE/  
\*HEMOSTASIS/ HUMAN/ MALE/  
POSTOPERATIVE CARE/ \*SAPHENOUS VEIN, surgery/ \*VARICOSE VEINS, surgery
2415. Hardingham TE, Phelps CF: The glycosaminoglycans of neonatal rat skin. *Biochem J* 117:813-8, May 70  
ANIMAL EXPERIMENTS/ \*ANIMALS, NEWBORN/ CHONDROITIN, analysis/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ HEPARIN, analysis/ HEXOSAMINES, analysis/ HYALURONIC ACID, analysis/ HYALURONIDASE/ \*MUCOPOLYSACCHARIDES, analysis/ RATS/ \*SKIN, analysis/ SULFATES, analysis
2416. Hardisty RM: Thrombopathies héréditaires. *Nouv Rev Franc Hemat* 9:550-3, Jul-Aug 69 (Fre)  
ADENINE NUCLEOTIDES, metabolism/ ASPIRIN, adverse effects/ \*BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELET DISORDERS, metabolism/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HEMORRHAGE, etiology/ HUMAN/ PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics/ TOOTH EXTRACTION, adverse effects/ WOUNDS AND INJURIES, complications
2417. Hardisty RM: Abnormal forms of Factor X. *Lancet* 1:41, 3 Jan 70  
BLOOD COAGULATION TESTS/ \*FACTOR X/ HUMAN/ \*HYPOPROTHROMBINEMIAS, blood
2418. Hardy JD, Moynihan PC, Timmis HH, et al: A case of clinical lung allotransplantation. *J Thorac Cardiovasc Surg* 60:411-26, Sep 70  
AGED/ ANGIOGRAPHY/ AUTOPSY/ AZATHIOPRINE, administration & dosage/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY TEMPERATURE/ HISTOCOMPATIBILITY/ HUMAN/ LEUKOCYTE COUNT/ LUNG, pathology/ LUNG, radiography/ \*LUNG, transplantation/ MALE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREDNISOLONE, administration & dosage/ PULMONARY ARTERY, radiography/ RADIOISOTOPE SCANNING/ SERUM GLOBULINS, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS
2419. Hardy KJ: Liver trauma Royal Melbourne Hospital experience, 1956 to 1969. *Med J Aust* 1:929-32, 9 May 70  
ABDOMINAL INJURIES, complications/ \*ABDOMINAL INJURIES, mortality/ \*ABDOMINAL INJURIES, therapy/ \*ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ATHLETIC INJURIES, complications/ BLOOD COAGULATION/ FEMALE/ FIBRINOLYSIS/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HEPATIC ARTERY, surgery/ HUMAN/ \*LIVER, injuries/ MALE/ MIDDLE AGE/ WOUNDS, GUNSHOT, complications
2420. Hardy RN: Proteolytic activity during the absorption of 131-I-gamma-globulin in the new-born calf. *J Physiol (London)* 205:453-70, Nov 69  
ABOMASUM, metabolism/ ANESTHESIA, INTRAVENOUS/ ANIMAL EXPERIMENTS/ \*ANIMALS, NEWBORN, metabolism/ CATTLE/ CONSCIOUSNESS/ DUODENUM, metabolism/ \*GAMMA GLOBULIN, metabolism/ GEL FILTRATION/ ILEUM, metabolism/ \*INTESTINAL ABSORPTION/ \*INTESTINE, SMALL, enzymology/ IODINE ISOTOPES/ LYMPH/ MOLECULAR WEIGHT/ PENTOBARBITAL/ \*PEPTIDE HYDROLASES, analysis/ POLYVINYLPYRROLIDONE, metabolism
2421. Hardy RN: The break-down of 131-I-gamma-globulin in the digestive tract of the new-born pig. *J Physiol (London)* 205:435-51, Nov 69  
ANIMAL EXPERIMENTS/ \*ANIMALS, NEWBORN, metabolism/ CATTLE/ CHLORIDES/ COLOSTRUM/ CONSCIOUSNESS/ \*GAMMA GLOBULIN, metabolism/ GEL FILTRATION/ INTESTINAL ABSORPTION/ \*INTESTINES, metabolism/ IODINE ISOTOPES/ IODINE ISOTOPES, blood/ MOLECULAR WEIGHT/ POTASSIUM, analysis/ SODIUM, analysis/ SWINE/ TRYPSIN INHIBITORS, pharmacodynamics
2422. Harenko A: Aivokasvaimet gerlatrisilla potillailla. *Duodecim* 86:765-71, 1970 (Fin)  
AGE FACTORS/ AGED/ \*BRAIN NEOPLASMS, occurrence/ ENGLISH ABSTRACT/ FEMALE/ GLIOBLASTOMA MULTIFORME, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ MALE/ MENINGIOMA, occurrence/ NEOPLASM METASTASIS/ NEURILEMMOMA, occurrence
2423. Harker LA: Platelet production. *New Eng J Med* 282:492-4, 26 Feb 70 (11 ref.)  
BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, blood/ \*BLOOD PLATELET DISORDERS, physiopathology/ \*BLOOD PLATELETS/ \*HEMATOPOIESIS/ HUMAN/ MEGAKARYOCYTES, physiology/ REVIEW/ THROMBOCYTOSIS, physiopathology/ THROMBOPENIA, physiopathology
2424. Harker LA: Regulation of thrombopoiesis. *Amer J Physiol* 218:1376-80, May 70  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ KINETICS/ MALE/ MEGAKARYOCYTES/ RATS/ SULFATES, metabolism/ SULFUR ISOTOPES/ THROMBOPENIA, physiopathology/ THROMBOPOIETIN
2425. Harker LA: Thrombokinetik in idiopathic thrombocytopenic purpura. *Brit J Haemat* 19:95-104, Jul 70  
BIOPSY/ BLOOD CELL COUNT/ \*BLOOD PLATELETS, physiopathology/ BONE MARROW CELLS/ CHROMIUM ISOTOPES/ \*HEMATOPOIESIS/ HUMAN/ MEGAKARYOCYTES/ PURPURA, THROMBOPENIC, pathology/ \*PURPURA, THROMBOPENIC, physiopathology/ PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY
2426. Harkness J, Whittington RB: Blood-plasma viscosity: an approximate temperature-invariant arising from generalised concepts. *Biorheology* 6:169-87, Jan 70  
BLOOD PROTEINS, analysis/ \*BLOOD VISCOSITY/ CRYOGLOBULINS/ GASES/ HUMAN/ IN VITRO/ PLASMA/ SOLUTIONS/ SUCROSE/ \*TEMPERATURE/ VISCOSITY/ WATER
2427. Harlan WR: Gram-negative sepsis: another piece of the mosaic. *New Eng J Med* 281:1127-8, 13 Nov 69  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, etiology/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ HYPERLIPEMIA, etiology/ \*INFECTION, blood/ \*LIPIDS, blood/ PHOSPHOLIPIDS, blood/ SEPTICEMIA, complications/ \*SEPTICEMIA, metabolism/ TRIGLYCERIDES, blood
2428. Harpel PC: C1 inactivator inhibition by plasmin. *J Clin Invest* 49:568-75, Mar 70  
ARGININE, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ \*COMPLEMENT/ ESTERS/ FIBRINOLYSIS, antagonists & inhibitors/ \*FIBRINOLYSIS, pharmacodynamics/ GEL DIFFUSION TESTS/ IM-UNOELECTROPHORESIS/ KALLIKREIN, antagonists & inhibitors/ SULFONIC ACIDS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics
2429. Harper AM: General physiology of cerebral circulation. *Int Anesth Clin* 7:473-506, Fall 69 (105 ref.)



# AUTHOR SECTION

- ANIMAL EXPERIMENTS/ ARTERIES/  
AUTONOMIC NERVOUS SYSTEM, physiology/  
BLOOD/ BLOOD PRESSURE/ BLOOD  
VISCOSITY/ BODY TEMPERATURE/  
CAPILLARIES, physiology/ CARBON DIOXIDE,  
physiology/ CATS/ CEREBELLUM, blood  
supply/ CEREBRAL CORTEX, blood supply/  
CEREBROSPINAL FLUID/  
\*CEREBROVASCULAR CIRCULATION/ DOGS/  
HEMATOCRIT/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ MENTAL PROCESSES/  
MONKEYS/ NERVOUS SYSTEM, blood supply/  
OXYGEN, physiology/ PRESSURE/ REGIONAL  
BLOOD FLOW/ REVIEW/ SLEEP/ VEINS
2430. Harper E, Gross J: Separation of collagenase and  
peptidase activities of tadpole tissues in culture.  
Biochim Biophys Acta 198:286-92, 11 Feb 70  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ CARBON ISOTOPES/  
\*CLOSTRIDIOPEPTIDASE A, analysis/  
COLLAGEN/ COMPARATIVE STUDY/  
DEXTRAN/ DIALYSIS/ ELECTROPHORESIS/  
FREEZE DRYING/ FROGS/ GEL  
FILTRATION/ GUINEA PIGS/ KINETICS/  
METHODS/ \*PEPTIDE HYDROLASES,  
analysis/ PEPTIDES/ POLYSACCHARIDES/  
PRECIPITATION/ SKIN/  
SPECTROPHOTOMETRY/ SULFATES/ TISSUE  
CULTURE/ ULTRAVIOLET RAYS
2431. Harris CE: Prophylaxis and complications in  
hemophilia. Introductory remarks.  
Bibl Haemat 34:97-103, 1970  
ANALGESIA/ ANTICOAGULANTS/ BLOOD  
COAGULATION TESTS/ BLOOD  
TRANSFUSION, adverse effects/ FACTOR  
VIII, therapeutic use/ HEMARTHROSIS,  
etiology/ \*HEMOPHILIA, complications/  
\*HEMOPHILIA, prevention & control/  
HEMORRHAGE, complications/ HEPATITIS,  
HOMOLOGOUS SERUM, etiology/ HUMAN/  
INTESTINAL OBSTRUCTION, complications/  
JOINT DISEASES, etiology/ MALE/  
PROTHROMBIN/ SPLEEN, transplantation
2432. Harris CI, Hofmann T: Studies on equine trypsinogen  
and trypsin. Biochem J 114:82P, Oct 69  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ HORSES/ MOLECULAR  
WEIGHT/ PANCREAS, enzymology/  
TRYPSIN, analysis/ \*TRYPSINOGEN, analysis
2433. Harris H: Genes and isozymes.  
Proc Roy Soc London [Biol] 174:1-31, 7 Oct 69 (120  
ref.)  
ALLELES/ AMINO ACID SEQUENCE/  
ELECTROPHORESIS/ \*GENES/ GENES,  
STRUCTURAL/ GENETICS, BIOCHEMICAL/  
GENETICS, POPULATION/ HETEROZYGOSE/  
\*ISOENZYMES/ LACTATE DEHYDROGENASE  
ISOENZYMES/ PEPTIDE HYDROLASES/  
PHOSPHOGLUCOMUTASE/ REVIEW
2434. Harris PD, Greenwald EK, Nicoll PA: Neural  
mechanisms in small vessel response to hemorrhage  
in the unanesthetized bat.  
Amer J Physiol 218:560-5, Feb 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ BLOOD PRESSURE/ \*BLOOD  
VESSELS, innervation/ BLOOD VOLUME/  
BODY TEMPERATURE/ \*CHIROPTERA/  
METHODS/ \*SHOCK, HEMORRHAGIC/ SKIN,  
blood supply/ SYMPATHETIC NERVOUS  
SYSTEM, physiology/ TELEVISION/ TIME  
FACTORS/ \*WING, blood supply
2435. Harris R, Ukaejiofo EO: Tissue typing using a routine  
one-step lymphocyte separation procedure.  
Brit J Haemat 18:229-35, Feb 70  
BENZOATES/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ \*CENTRIFUGATION, DENSITY  
GRADIENT/ CONTRAST MEDIA/  
ERYTHROCYTES/ \*HISTOCOMPATIBILITY  
TESTING/ HUMAN/ INFANT/ LEUKOCYTES/  
\*LYMPHOCYTES/ METHODS/  
POLYSACCHARIDES
2436. Harrow BR: Traumatic perivesical hematoma: late  
sequela of false ileac aneurysm.  
J Urol 104:271-2, Aug 70  
\*ANEURYSM, etiology/ ARTERIES/  
\*BLADDER/ BLADDER, radiography/ CASE  
REPORT/ FEMALE/ FRACTURES,  
complications/ \*HEMATOMA, complications/  
HEMATOMA, etiology/ HEMATOMA,  
radiography/ HUMAN/ \*ILEUM, blood supply/  
MIDDLE AGE/ PUBIC BONE, injuries
2437. Harry JB, Steiner RF: Characterization of the  
self-association of a soybean proteinase inhibitor by  
membrane osmometry.  
Biochemistry (Wash) 8:5060-4, Dec 69  
ACETATES/ CELLULOSE/ CHEMISTRY/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
CONDUCTOMETRY/ DIALYSIS/  
HYDROGEN-ION CONCENTRATION/  
MEMBRANES, ARTIFICIAL/ OSMOLAR  
CONCENTRATION/ OSMOSIS/ OSMOTIC  
PRESSURE/ PERMEABILITY/ \*SOY BEANS/  
SPECTROPHOTOMETRY/ TEMPERATURE/  
THERMODYNAMICS/ \*TRYPSIN INHIBITORS
2438. Harry JB, Steiner RF: A soybean proteinase inhibitor.  
Thermodynamic and kinetic parameters of  
association with enzymes.  
Europ J Biochem 16:174-9, Sep 70  
CHEMISTRY/ \*CHYMOTRYPSIN, antagonists  
& inhibitors/ KINETICS/ SOY BEANS/  
THERMODYNAMICS/ \*TRYPSIN INHIBITORS
2439. Harsányi V, Garamvölgyi N: On the Z-substance of  
striated muscle.  
Acta Biochim Biophys Acad Sci Hung 4:259-64, 1969  
ACTINOMYCIN, analysis/ ANIMAL  
EXPERIMENTS/ ELECTROPHORESIS/  
LIPASE/ \*MUSCLE PROTEINS, analysis/  
MUSCLE PROTEINS, isolation & purification/  
RABBITS/ TRYPSIN/  
ULTRACENTRIFUGATION
2440. Hart PG: De geboorte van een voldragen, levend kind  
uit een moeder met een Starr-Edwards prothese in  
het ostium mitrale. De behandeling met  
anticoagulantia tijdens graviditeit en partus.  
Nederl T Verlosk 69:401-9, Oct 69 (Dut)  
ACENOCOUMAROL, adverse effects/  
CEREBRAL EMBOLISM AND THROMBOSIS,  
chemically induced/ \*DELIVERY/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEART VALVE  
PROSTHESIS/ HUMAN/ INFANT, NEWBORN/  
MALE/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR
2441. Hartel W, Schülke K: Pressure changes in the  
pulmonary trunk produced by volume substitutes  
with different viscosity following unilateral  
pulmonary exclusion. Bibl Haemat 33:357-63, 1969  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS,  
pharmacodynamics/ \*BLOOD PRESSURE/  
\*BLOOD VISCOSITY/ CAPILLARY  
RESISTANCE/ DEXTRAN, pharmacodynamics/  
DOGS/ ELECTROCARDIOGRAPHY/ GELATIN,  
pharmacodynamics/ HEMATOCRIT/  
HYPERTENSION, PULMONARY/ \*PLASMA  
SUBSTITUTES/ PNEUMONECTOMY/  
\*PULMONARY CIRCULATION/ RESPIRATION  
ARTIFICIAL
2442. Hartley LC, Ellis FG, Rendall M, et al: The use of  
urokinase in Scribner shunts.  
Brit J Urol 42:246-9, Apr 70  
ANGIOGRAPHY/ ARM/ \*ARTERIOVENOUS  
SHUNT, SURGICAL/ \*FIBRINOLYTIC  
AGENTS, therapeutic use/ HUMAN/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ THROMBOPHLEBITIS,  
drug therapy/ THROMBOPHLEBITIS,  
prevention & control/ \*THROMBOSIS,  
prevention & control
2443. Hartmann G, Forster G: Clinical evaluation of a new  
hypolipidemic drug, CIBA 13,437-Su.  
J Atheroscler Res 10:235-46, Sep-Oct 69  
ADULT/ AGED/ ANTICOAGULANTS/  
ANTILIPEMIC AGENTS, therapeutic use/  
BODY WEIGHT, drug effects/ CHOLESTEROL  
blood/ FEMALE/ GLUCOSE, metabolism/  
HUMAN/ \*HYPERLIPIDEMIA, drug therapy/  
\*LIPIDS, blood/ MALE/ MIDDLE AGE/



# AUTHOR SECTION

- PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood
2444. Hartmann H, Holler E: Hemmung der Trypsinkatalyse durch kationische Carbons-aureester und Amide. *Europ J Biochem* 16:80-91, Sep 70 (Ger)  
 \*ACIDS/ ALCOHOLS/ \*AMIDES/ AMINO ACIDS/ AMMONIUM COMPOUNDS/ BENZOATES/ BINDING SITES/ BUTYRATES/ CAPROATES/ ESTERS/ KINETICS/ MODELS, CHEMICAL/ PROPIONATES/ THERMODYNAMICS/ \*TRYPSIN INHIBITORS/ VALERATES
2445. Hartshorne DJ: Interactions of desensitized actomyosin with tropomyosin, troponin A, troponin B, and polyanions. *J Gen Physiol* 55:585-601, May 70  
 \*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ CALCIUM/ CHEMISTRY/ DNA/ ENZYME ACTIVATION/ HEPARIN/ MAGNESIUM/ \*MUSCLE PROTEINS/ MYOFIBRILS, enzymology/ OSMOLAR CONCENTRATION/ PEPTIDES/ POLYNUCLEOTIDES/ RNA/ SULFONIC ACIDS
2446. Harvey PK, Jones MC, Anderson EG: Pericardial abnormalities in Gaucher's disease. *Brit Heart J* 31:603-6, Sep 69  
 ADOLESCENCE/ ADULT/ FEMALE/ \*GAUCHER'S DISEASE, complications/ HEMORRHAGE, complications/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MALE/ MIDDLE AGE/ \*PERICARDITIS, etiology/ PERICARDITIS, CONSTRICTIVE, etiology
2447. Hasegawa H, Kakizaki H, Watanabe N, et al: Experimental studies on the production of pulmonary infarction, especially from coagulative and fibrinolytic studies. *Jap Heart J* 11:258-68, May 70  
 ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ \*FIBRINOLYSIS/ INJECTIONS, INTRAVENOUS/ MICROSCOPY/ PLANTS/ PULMONARY ARTERY, pathology/ PULMONARY EMBOLISM, blood/ \*PULMONARY EMBOLISM, etiology/ RABBITS/ SPORES/ THROMBOPLASTIN, analysis/ TIME FACTORS/ UREA, analysis
2448. Hasegawa M, Fujimaki M: [Clinical concept of consumption coagulopathy] *Jap J Clin Path* 17:819-20, Nov 69 (Jap)  
 \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, etiology/ HUMAN/ THROMBOSIS
2449. Hasegawa T, Pearson AM, Price JF, et al: Action of bacterial growth on the sarcoplasmic and urea-soluble proteins from muscle. I. Effects of *Clostridium perfringens*, *Salmonella enteritidis*, *Achromobacter liquefaciens*, *Streptococcus faecalis*, and *Kurthia zopfii*. *Appl Microbiol* 20:117-22, Jul 70  
 \*ACHROMOBACTER, growth & development/ \*BACTERIA, growth & development/ \*CLOSTRIDIUM PERFRINGENS, growth & development/ CYTOPLASM/ ELECTROPHORESIS, DISK/ FOOD CONTAMINATION/ FOOD MICROBIOLOGY/ GELS/ HYDROGEN-ION CONCENTRATION/ MEAT/ \*MUSCLE PROTEINS, metabolism/ \*MUSCLES, microbiology/ MYOGLOBIN, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ RABBITS/ \*SALMONELLA, growth & development/ \*STREPTOCOCCUS FAECALIS, growth & development/ SWINE/ TISSUE CULTURE
2450. Hashmi JA, Afroze N, Syed SA: Fibrinogen levels in patients suffering from acute myocardial infarction. *J Atheroscler Res* 10:277-81, Sep-Oct 69  
 ADULT/ AGE FACTORS/ ASPARTATE AMINOTRANSFERASE, blood/ CHOLESTEROL, blood/ \*FIBRINOGEN, blood/ HUMAN/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, blood
2451. Haskell CM, Canellos GP, Leventhal BG, et al: L-asparaginase: therapeutic and toxic effects in patients with neoplastic disease. *New Eng J Med* 281:1028-34, 6 Nov 69  
 ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ AMYLASE, blood/ ASPARAGINASE, administration & dosage/ \*ASPARGINASE, adverse effects/ \*ASPARGINASE, therapeutic use/ BILIRUBIN, blood/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD UREA NITROGEN/ BRAIN DISEASES, chemically induced/ CHILD/ CHOLESTEROL, blood/ DRUG HYPERSENSITIVITY, etiology/ ESCHERICHIA COLI, enzymology/ FEMALE/ HUMAN/ LEUKEMIA, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LIVER DISEASES, chemically induced/ LYMPHOMA, drug therapy/ LYMPHOSARCOMA, drug therapy/ MALE/ MELANOMA, drug therapy/ MIDDLE AGE/ \*NEOPLASMS, drug therapy/ PANCREATITIS, chemically induced/ SERUM ALBUMIN, analysis/ UREMIA, chemically induced
2452. Hassan A, Cueto C Jr: Biochemical effects in the rabbit of repeated administration of a mixture of DDT, carbaryl, and parathion. *Z Naturforsch [B]* 25:521-5, May 70  
 AMINO ACIDS, blood/ AMINO ACIDS, urine/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ \*CARBAMATES, pharmacodynamics/ CATECHOLAMINES, metabolism/ CREATININE, blood/ CREATININE, urine/ \*DDT, pharmacodynamics/ HYDROXYINDOLEACETIC ACID, urine/ MALE/ MANDELIC ACID, urine/ \*NAPHTHALENES, pharmacodynamics/ \*PARATHION, pharmacodynamics/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ RABBITS/ SEROTONIN, metabolism
2453. Hassanein AA, Turpie AG, McNicol GP, et al: Effect of RA233 on platelet function in vitro. *Brit Med J* 2:83-6, 11 Apr 70  
 ADENINE NUCLEOTIDES, antagonists & inhibitors/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, secretion/ \*BLOOD PLATELETS, drug effects/ CALCIUM, antagonists & inhibitors/ GLASS/ HUMAN/ IN VITRO/ KAOLIN/ PLATELET ADHESIVENESS, drug effects/ PYRIMIDINES, pharmacodynamics
2454. Hastings RC, Trautman JR, Enna CD, et al: Thalidomide in the treatment of erythema nodosum leprosum. With a note on selected laboratory abnormalities in erythema nodosum leprosum. *Clin Pharmacol Ther* 11:481-7, Jul-Aug 70  
 ACUTE DISEASE/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BODY TEMPERATURE, drug effects/ BODY WEIGHT/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ \*ERYTHEMA NODOSUM, drug therapy/ FEMALE/ HUMAN/ \*LEPROSY, drug therapy/ LEUKOCYTE COUNT/ LIVER, physopathology/ MALE/ PLACEBOS/ \*THALIDOMIDE, therapeutic use/ URINE, analysis
2455. Hata M: [Prostatectomy--our hemostatic method] *Shujutsu* 24:957-65, Aug 70 (59 ref.) (Jap)  
 AGED/ BLADDER, surgery/ \*HEMOSTASIS/ HEMOSTATICS/ HUMAN/ HYPOTENSION, CONTROLLED/ HYPOTHERMIA, INDUCED/ MALE/ METHODS/ MIDDLE AGE/ \*PROSTATECTOMY/ PROSTATIC HYPERTROPHY, surgery/ REVIEW
2456. Hata S: [The effect of restricted food intake on the glucose and lipid metabolism in obese-hyperglycemic mice] *J Physiol Soc Jap* 32:71-5, 1970 (Jap)  
 ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ \*BLOOD SUGAR, metabolism/ BODY WEIGHT/ \*DIET, REDUCING/ ENGLISH ABSTRACT/ GLUCOSE TOLERANCE TEST/ GLUCOSEPHOSPHATASE, metabolism/ \*HYPERGLYCEMIA, metabolism/ HYPERTROPHY/ INSULIN, blood/ LIPASE,



## AUTHOR SECTION

- metabolism/ \*LIPIDS, metabolism/  
LIPOPROTEIN LIPASE, metabolism/ LIVER,  
enzymology/ MICE/ \*OBESITY IN DIABETES,  
metabolism/ PANCREAS, pathology
2457. Hatchikian EC: Menadione reductase from  
Desulfovibrio gigas.  
Biochim Biophys Acta 212:353-5, 15 Aug 70  
\*DESULFOVIBRIO, enzymology/ FAD/ FMN/  
NAD/ NAPHTHOQUINONES/  
\*OXIDOREDUCTASES/ OXIDOREDUCTASES,  
antagonists & inhibitors/ OXIDOREDUCTASES,  
isolation & purification/ QUINONES/  
\*VITAMIN K
2458. Hathaway WE: Fibrin split products in serum of  
newborn: possible technical errors.  
Pediatrics 45:154, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT,  
NEWBORN
2459. Hathaway WE, Alsever J: The relation of 'Fletcher  
Factor' to factors XI and XII.  
Brit J Haemat 18:161-9, Feb 70  
ADULT/ BENZOPYRANS/ \*BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ CHROMATOGRAPHY/  
CYTOCHROMES/ FACTOR XI, analysis/  
FACTOR XII, analysis/ GLASS/ HUMAN/  
INFANT, NEWBORN/ KAOLIN/ SURFACE  
PROPERTIES
2460. Hathirat P, Jamieson BA, Beatty EC Jr: Congenital  
factor XIII deficiency and increased fibrinolysis. A  
case report. Rocky Mountain Med J 67:39-42, Jun 70  
BLOOD COAGULATION DISORDERS,  
congenital/ \*BLOOD COAGULATION  
DISORDERS, diagnosis/ CASE REPORT/  
CHILD, PRESCHOOL/ \*FACTOR XIII,  
analysis/ FEMALE/ FIBRINOLYSIS/ HUMAN
2461. Hatta Y: [Disorders of the pancreatic excretory  
function, with special reference to its etiology]  
Saishin Igaku 25:667-70, Mar 70 (24 ref.) (Jap)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ COMMON BILE DUCT/  
DIVERTICULOSIS, complications/ DUODENAL  
DISEASES, complications/ FEMALE/  
GALLBLADDER DISEASES, physiopathology/  
HUMAN/ MALE/ MIDDLE AGE/ MUSCLES,  
physiopathology/ PANCREAS, physiopathology/  
PANCREATIC DUCTS/ PANCREATITIS,  
enzymology/ \*PANCREATITIS, etiology/  
PANCREATITIS, physiopathology/ PEPTIDE  
HYDROLASES, metabolism/ REVIEW
2462. Hattersley PG, Dimick ML: Cryoprecipitates in  
treatment of congenital fibrinogen deficiency. Case  
report. Transfusion 9:261-4, Sep-Oct 69  
ADULT/ AFIBRINOGENEMIA, congenital/  
\*AFIBRINOGENEMIA, drug therapy/  
ALKALINE PHOSPHATASE, blood/  
ASPARTATE AMINOTRANSFERASE, blood/  
BILIRUBIN, blood/ \*FACTOR VIII,  
therapeutic use/ FEMALE/ FIBRINOGEN,  
analysis/ \*FIBRINOGEN, therapeutic use/  
HUMAN/ HYSTERECTOMY/ LACTATE  
DEHYDROGENASE, blood/ LEIOMYOMA,  
surgery/ PREGNANCY/ PREOPERATIVE  
CARE/ UTERINE NEOPLASMS, surgery
2463. Hattersley PG, Hayse D: Fletcher factor deficiency: a  
report of three unrelated cases.  
Brit J Haemat 18:411-6, Apr 70  
ADULT/ AGED/ \*BLOOD COAGULATION  
DISORDERS/ BLOOD COAGULATION  
FACTORS, analysis/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ PROTHROMBIN TIME/  
THROMBIN/ THROMBOPLASTIN, biosynthesis
2464. Hattori A, Tokunaga J, Fujita T, et al: Scanning  
electron microscopic observations on human blood  
platelets and their alterations induced by thrombin.  
Arch Histol Jap 31:37-54, Nov 69  
\*BLOOD PLATELETS, cytology/ BLOOD  
PLATELETS, drug effects/ HUMAN/ MALE/  
\*MICROSCOPY, ELECTRON/ \*THROMBIN,  
pharmacodynamics
2465. Hattowska H, Zychowska I: Naczyniaki krwionośne  
jamy ustnej. Otolaryng Pol 24:327-32, 1970 (Pol)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMANGIOMA/ HEMANGIOMA, classification/  
HEMANGIOMA, etiology/ HEMANGIOMA,  
therapy/ HEMORRHAGE, ORAL/ HUMAN/  
MALE/ MIDDLE AGE/ \*MOUTH NEOPLASMS/  
MOUTH NEOPLASMS, etiology/ SEX  
FACTORS/ TONGUE NEOPLASMS/ TOOTH  
EXTRACTION
2466. Hatvany T: K otázke výskytu a významu  
periovariálnych adhézií pri ženskej genitálnej  
tuberkulóze. Bratisl Lek Listy 53:566-72, May 70 (Slo)  
ADHESIONS, occurrence/ ADULT/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/  
LAPAROTOMY/ OOPHORITIS, complications/  
\*OVARIAN DISEASES, occurrence/  
\*TUBERCULOSIS, FEMALE GENITAL,  
complications
2467. Haug H: Probleme des Hepatitis-Screenings bei  
Blutspendern. Bibl Haemat 32:249-52, 1969 (Ger)  
\*BLOOD DONORS/ EPIDEMIOLOGIC  
METHODS/ HEPATITIS, occurrence/  
\*HEPATITIS, prevention & control/ HUMAN/  
\*PEPTIDE HYDROLASES, blood
2468. Haugen J, Ström O, Ostervold B: Bacterial counts in  
urine. 2. A comparison of different methods.  
Acta Path Microbiol Scand 77:149-61, 1969  
AGAR/ BACTERIA, analysis/ BACTERIA,  
growth & development/ \*BACTERIOLOGICAL  
TECHNICS/ COMPARATIVE STUDY/  
CULTURE MEDIA/ METHODS/ TRYPSIN/  
\*URINE, microbiology
2469. Haupt H, Heide K: Kristallisation des mit Plasmin  
erhaltenen Fc-Fragments aus Human-IgG-Globulin.  
Klin Wschr 47:270-2, 1 Mar 69 (Ger)  
BLOOD PROTEIN ELECTROPHORESIS/  
BUFFERS/ \*CRYSTALLIZATION/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS/ \*GAMMA  
GLOBULIN, 7S/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ PAPAIN/  
ULTRACENTRIFUGATION
2470. Hausamen JE, Brüster HT, Riech P, et al:  
Zahnextraktionen unter Substitutionsbehandlung bei  
Hämophilie A und B-Erfahrungsbericht über die  
Anwendung von Kryopräzipitaten und  
Plasmafraktionen I nach Cohn sowie  
kontaktaktiviertem Frischplasma.  
Deutsch Zahnärztl Z 25:319-25, Feb 70 (Ger)  
BLOOD TRANSFUSION/ \*CHRISTMAS  
DISEASE/ \*CRYOGLOBULINS,  
therapeutic use/ ENGLISH ABSTRACT/  
\*HEMOPHILIA, therapy/ \*HEMORRHAGE,  
ORAL, prevention & control/ HUMAN/  
\*THROMBIN, therapeutic use/ \*TOOTH  
EXTRACTION
2471. Haust MD, Geer JC: Mechanism of calcification in  
spontaneous aortic arteriosclerotic lesions of the  
rabbit. An electron microscopic study.  
Amer J Path 60:329-46, Sep 70  
\*ANIMAL DISEASES, pathology/ AORTIC  
DISEASES, etiology/ AORTIC DISEASES,  
pathology/ \*AORTIC DISEASES, veterinary/  
ARTERIOSCLEROSIS, etiology/  
ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, veterinary/  
CALCINOSIS, etiology/ CALCINOSIS,  
pathology/ \*CALCINOSIS, veterinary/  
COLLAGEN/ CONNECTIVE TISSUE,  
pathology/ DIET, ATHEROGENIC/ ELASTIC  
TISSUE, pathology/ MICROSCOPY,  
ELECTRON/ RABBITS/ \*RABBITS
2472. Haustein UF: Das fibrinolytische System bei  
allergischen Dermatosen.  
Derm Mschr 155:776-82, 1969 (Ger)  
AMINOBENZOIC ACID, pharmacodynamics/  
BLOOD COAGULATION, drug effects/  
\*BLOOD COAGULATION TESTS/  
\*DERMATITIS, CONTACT, blood/  
\*DERMATITIS MEDICAMENTOSA, blood/



# AUTHOR SECTION

- ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
HUMAN/ \*URTICARIA, blood
2473. Haustein UF: Purpura hyperfibrinolytica als pathogenetisches Prinzip eines hämorrhagischen Mikrobides Miescher.  
Derm Mschr 155:771-5, 1969 (Ger)  
AMINO BENZOIC ACID, therapeutic use/  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
\*HEMORRHAGIC DIATHESIS, etiology/ \*SKIN DISEASES, etiology/ VASCULAR DISEASES, drug therapy/ \*VASCULAR DISEASES, etiology
2474. Haustein UF: Nachweis des fibrinstabilisierenden Faktors (Faktor XIII) im Gewebe der gesunden Haut.  
Derm Mschr 155:293-8, 1969 (Ger)  
ENGLISH ABSTRACT/ \*FACTOR XIII, analysis/ HUMAN/ \*SKIN, analysis
2475. Haustein UF: Nachweis einer plasminogenähnlichen Substanz in der gesunden menschlichen Haut.  
Derm Mschr 155:395-9, 1969 (Ger)  
AUTOANALYSIS/ CATTLE/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEMOSTATICS/ HUMAN/ METHODS/ \*PLASMINOGEN, analysis/ \*SKIN, analysis
2476. Haut J: Traitement des dégénérescences maculaires séniles. Arch Ophthal (Paris) 29:909-15, Dec 69 (Fre)  
AGED/ ANABOLIC STEROIDS, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ LASERS, therapeutic use/ LENSES/ LIGHT COAGULATION/ \*MACULA LUTEA/ RETINAL DEGENERATION, drug therapy/ RETINAL DEGENERATION, surgery/ \*RETINAL DEGENERATION, therapy/ VISION DISORDERS, therapy
2477. Haven E, Billiet I, De Vriendt D: Un cas de Klippel-Trenaunay accompagné d'obstruction veineuse et lymphatique.  
Phlebologie 23:125-8, Apr-Jun 70 (Fre)  
\*ANGIOMATOSIS, complications/ \*BONE DISEASES, complications/ CASE REPORT/ FEMALE/ FEMORAL VEIN, abnormalities/ HUMAN/ HYPERTENSION, complications/ \*LEG, blood supply/ \*LYMPHEDEMA, etiology/ LYMPHOGRAPHY/ MIDDLE AGE/ PHLEBOGRAPHY/ \*VARICOSE VEINS, etiology
2478. Havia T, Scheinin TM: Intestinal obstruction.  
Ann Chir Gynaec Fenn 58:219-23, 1969  
ADHESIONS/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FEMORAL HERNIA, complications/ HUMAN/ INFANT/ INGUINAL HERNIA, complications/ \*INTESTINAL OBSTRUCTION, etiology/ \*INTESTINAL OBSTRUCTION, mortality/ MALE/ MIDDLE AGE/ UMBILICAL HERNIA, complications
2479. Haviar V, Fedorák M, Luknarova O: Der Einfluss von Heparin auf die oxydative Phosphorylierung im Myokard beim Menschen und im Experiment.  
Verh Deutsch Ges Kreislaufforsch 35:389-92, 1969 (Ger)  
ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ HEART, drug effects/ \*HEPARIN, pharmacodynamics/ HUMAN/ MITOCHONDRIA, MUSCLE, metabolism/ \*MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION/ PHOSPHATES, metabolism/ RABBITS
2480. Haviar V, Marčišová M, Kusá O: Skúsenosti s liečbou ischemickej choroby srdca heparínom v antisklerotických dákach.  
Vnitřní Lek 16:438-41, May 70 (Slo)  
\*CORONARY DISEASE, drug therapy/ ELECTROCARDIOGRAPHY/ FEMALE/ \*HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE
2481. Hawiger J, Horn RG, Koenig MG, et al: Activation and release of lysosomal enzymes from isolated leukocytic granules by liposomes. A proposed model for degranulation in polymorphonuclear leukocytes.  
Yale J Biol Med 42:57-70, Oct 69  
CATTLE/ CELL-FREE SYSTEM/ CENTRIFUGATION/ CEPHALINS, pharmacodynamics/ \*CYTOPLASMIC GRANULES/ ENZYME ACTIVATION/ FLUORIDES, pharmacodynamics/ GLUCURONATES, analysis/ GLUCURONIDASE, metabolism/ \*GLYCOSIDE HYDROLASES, metabolism/ HISTOCYTOCHEMISTRY/ HYDROGEN-ION CONCENTRATION/ LECITHINS, pharmacodynamics/ \*LEUKOCYTES, metabolism/ \*LYSOSOMES, enzymology/ MEMBRANES, enzymology/ \*MEMBRANES, metabolism/ MEMBRANES, ARTIFICIAL/ MICROSCOPY, ELECTRON/ \*PHAGOCYTOSIS/ PHOSPHOINOSITIDES, pharmacodynamics/ \*PHOSPHOLIPIDS, pharmacodynamics/ PROTAMINES, metabolism/ SERUM ALBUMIN, pharmacodynamics/ SOLUBILITY/ VIBRATION
2482. Hawiger J, Niewiarowski S, Gurewicz V, et al: Measurement of fibrinogen and fibrin degradation products in serum by staphylococcal clumping test.  
J Lab Clin Med 75:93-108, Jan 70  
ANIMAL EXPERIMENTS/ ARTHRITIS, RHEUMATOID, blood/ \*BLOOD COAGULATION TESTS/ CATS/ CATTLE/ ELECTROPHORESIS/ \*FIBRIN, analysis/ \*FIBRINOGEN, analysis/ FIBRINOLYSIS, pharmacodynamics/ FIBRINOLYSIS, drug effects/ GEL FILTRATION/ HUMAN/ LIVER CIRRHOSIS, blood/ METHODS/ PROTHROMBIN TIME/ RABBITS/ \*STAPHYLOCOCCUS/ STREPTOKINASE, pharmacodynamics/ THROMBIN, pharmacodynamics/ THROMBOSIS, blood/ TIME FACTORS
2483. Hay RK: Spontaneous brain hemorrhage: a current review. Appl Ther 12:18-23, Apr 70  
ANGIOGRAPHY/ \*CEREBRAL HEMORRHAGE/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, nursing/ HEMATOMA/ HUMAN/ HYPERTENSION, complications/ SPINAL PUNCTURE
2484. Hayakawa I, Yanagihashi K, Ueda Y: [Clinical studies on head injuries in infants]  
Brain Nerve (Tokyo) 22:295-305, Mar 70 (Jap)  
AGE FACTORS/ BRAIN, surgery/ \*BRAIN INJURY, ACUTE/ BRAIN INJURY, ACUTE, complications/ BRAIN INJURY, ACUTE, mortality/ BRAIN INJURY, ACUTE, occurrence/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ FEMALE/ FUNDUS OCULI/ HEMATOMA, complications/ HUMAN/ INFANT/ MALE/ NEUROLOGIC MANIFESTATIONS/ SEX FACTORS/ \*SKULL FRACTURES/ UNCONSCIOUSNESS, complications/ VOMITING, complications
2485. Hayashi H: [Inflammation]  
J Jap Med Ass 64:516-9, 15 Aug 70 (Jap)  
CAPILLARY PERMEABILITY/ HUMAN/ \*INFLAMMATION/ KININS, physiology/ PEPTIDE HYDROLASES, physiology
2486. Hayashi R, Albara S, Hata T: A unique carboxypeptidase activity of yeast proteinase C.  
Biochim Biophys Acta 212:359-61, 15 Aug 70  
\*CARBOXYPEPTIDASES/ CASEIN/ DIPEPTIDES/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/ \*SACCHAROMYCES, enzymology
2487. Hayashi Y, Mitsuda Y, Matsushima T, et al: [Cerebral arteriography by subtraction method]  
Rinsho Hosha 14:545-52, Jul 69 (Jap)  
\*CEREBRAL ANGIOGRAPHY/ HEMANGIOMA, radiography/ HUMAN/ SUBTRACTION TECHNIC/ \*TECHNOLOGY, RADIOLOGIC/ VASCULAR DISEASES, radiography
2488. Haynes CR, Dorner I, Leonard GL, et al: Persistent polyagglutinability in vivo unrelated to T-antigen activation. Transfusion 10:43-51, Mar-Apr 70  
ABO FACTORS/ ABSORPTION/ ALKALINE



# AUTHOR SECTION

- PHOSPHATASE, blood/ ANTI-ANTIBODIES, analysis/ \*ANTIGENS/ BLOOD TRANSFUSION/ BONE MARROW CELLS, immunology/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ ERYTHROCYTES, drug effects/ \*ERYTHROCYTES, immunology/ \*HEMAGGLUTINATION/ HEMAGGLUTINATION TESTS/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ LEUKOPENIA, blood/ MALE/ MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE/ NEOPLASMS, immunology/ NEURAMINIDASE, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ SPLEEN, pathology/ SPLENECTOMY/ TEMPERATURE/ THROMBOPENIA, blood/ THROMBOPENIA, drug therapy
2489. Hayreh SS: Choroidal melanoma. Fluorescence angiographic and histopathological study. Brit J Ophthalmol 54:145-60, Mar 70  
ADULT/ ANGIOGRAPHY/ \*CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ \*FLUORESCENCE, diagnostic use/ \*FUNDUS OCULI/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ \*MELANOMA, diagnosis/ MELANOMA, pathology/ MIDDLE AGE/ \*PHOTOGRAPHY/ PIGMENTS
2490. Häyry P, Defendi V: Surface antigen(s) of SV40-transformed tumor cells. Virology 41:22-9, May 70  
\*ANTIGENS, analysis/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ FLUORESCENT ANTIBODY TECHNIC/ HAMSTERS/ HEMAGGLUTINATION TESTS/ IMMUNE SERUMS/ MALE/ MICE/ NEOPLASMS, EXPERIMENTAL, immunology/ NEURAMINIDASE, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ POLYOMA VIRUS/ \*SV40 VIRUS/ \*TISSUE CULTURE
2491. Hazell K: Idiopathic thrombocytopenic purpura and low blood-iodine. Lancet 1:196, 24 Jan 70  
BLOOD PROTEINS, analysis/ FEMALE/ HUMAN/ \*IODINE, blood/ POTASSIUM IODIDE, therapeutic use/ PROTEIN BINDING/ \*PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, drug therapy
2492. Hazell K, Baloch KH: Vitamin K deficiency in the elderly. Geront Clin (Basel) 12:10-7, 1970  
AGE FACTORS/ AGED/ ANEMIA, etiology/ ANTIBIOTICS, administration & dosage/ ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD COAGULATION TESTS/ ECCHYMOSIS, etiology/ FEMALE/ HEMATURIA, etiology/ HUMAN/ LIVER DISEASES, complications/ MALABSORPTION SYNDROMES, blood/ MALE/ MIDDLE AGE/ VITAMIN K, administration & dosage/ VITAMIN K, analysis/ VITAMIN K DEFICIENCY, blood/ \*VITAMIN K DEFICIENCY, occurrence
2493. Heath H: Experimentally induced retinopathies in relation to the problem of diabetes. Brit Med Bull 26:151-5, May 70 (43 ref.)  
ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ CORTICOTROPIN/ CORTISONE/ CYANIDES/ DIABETIC RETINOPATHY, chemically induced/ \*DIABETIC RETINOPATHY, etiology/ \*DISEASE MODELS, ANIMAL/ ESTRONE/ HUMAN/ PANCREATECTOMY/ REVIEW/ SHWARTZMAN PHENOMENON, complications/ SOMATOTROPIN/ TESTOSTERONE
2494. Heath ML, Vickers MD, Dunlap D: A comparison of Macrodex and stored blood as replacement for blood loss during planned surgery. 3. Red cell sequestration. Brit J Anaesth 41:939-41, Nov 69  
\*BLOOD TRANSFUSION/ BLOOD VISCOSITY/ CHROMIUM ISOTOPES/ \*DEXTRAN, therapeutic use/ \*HEMATOCRIT/ \*HEMORRHAGE, therapy/ HUMAN/ PLASMA VOLUME/ SURGERY, OPERATIVE
2495. Hebden HF, Hadfield JR, Beer CT: The binding of vinblastine by platelets in the rat. Cancer Res 30:1417-24, May 70  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CENTRIFUGATION/ CHROMATOGRAPHY, THIN LAYER/ ERYTHROCYTES, metabolism/ IN VITRO/ LEUKOCYTES, metabolism/ MALE/ RATS/ TIME FACTORS/ TRITIUM/ VINBLASTINE, blood/ \*VINBLASTINE, metabolism
2496. Hebert GJ, Basrur PK, Gilman JP: Arginase activity in nickel sulfide-induced rat tumors. Cancer 25:1134-41, May 70  
ANGIOMA, SCLEROSING, chemically induced/ \*ANGIOMA, SCLEROSING, enzymology/ ANGIOOMA, SCLEROSING, pathology/ ANIMAL EXPERIMENTS/ \*ARGINASE, metabolism/ \*CARCINOGENS/ LUNG, pathology/ MUSCLES, pathology/ NEOPLASMS, EXPERIMENTAL, chemically induced/ \*NEOPLASMS, EXPERIMENTAL, enzymology/ NEOPLASMS, EXPERIMENTAL, pathology/ \*NICKEL/ RATS/ RHABDOMYOSARCOMA, chemically induced/ \*RHABDOMYOSARCOMA, enzymology/ RHABDOMYOSARCOMA, pathology/ SARCOMA, RETICULUM CELL, chemically induced/ \*SARCOMA, RETICULUM CELL, enzymology/ SARCOMA, RETICULUM CELL, pathology/ \*SULFIDES
2497. Hedfalk L: Trombocytos och reumatisk artrit. Lakartidningen 66:5263-6, 10 Dec 69 (Swe)  
AGED/ \*ARTHRITIS, RHEUMATOID, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ HUMAN/ MALE/ MIDDLE AGE/ \*THROMBOCYTOSIS, complications
2498. Hedlin AM, Monkhouse FC: Fibrinolytic activities of euglobulins precipitated at pH 6.4, 6.0, and 5.3. Canad J Physiol Pharmacol 47:935-40, Nov 69  
ANIMAL EXPERIMENTS/ ANTITHROMBIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ BUFFERS/ FIBRINOGEN, analysis/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ \*HYDROGEN-ION CONCENTRATION/ MALE/ PHOSPHATES/ PLASMINOGEN, analysis/ PROTHROMBIN, analysis/ RABBITS/ \*SERUM GLOBULINS, analysis/ SPECTROPHOTOMETRY/ THROMBIN
2499. Hedlund PO: Antifibrinolytic therapy with Cyklokapron in connection with prostatectomy. A double blind study. Scand J Urol Nephrol 3:177-82, 1969  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BODY TEMPERATURE/ CLINICAL RESEARCH/ \*CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ HEMOGLOBIN, blood/ \*HEMORRHAGE, drug therapy/ HUMAN/ HYPERPLASIA, surgery/ INJECTIONS, INTRAVENOUS/ MALE/ PLACEBOS/ \*POSTOPERATIVE COMPLICATIONS, drug therapy/ PROSTATECTOMY/ PROSTATIC NEOPLASMS, surgery
2500. Hedlund PO, Sjögren S: Kliniska erfarenheter av trombosdiagnostik med användning av 125 J-fibrinogen. Nord Med 84:952-3, 23 Jul 70 (Swe)  
\*FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ \*THROMBOSIS, diagnosis
2501. Hedner U, Nilsson IM, Jacobsen CD: Demonstration of low content of fibrinolytic inhibitors in individuals with high fibrinolytic capacity. Scand J Clin Lab Invest 25:329-36, Jun 70  
\*ANTIFIBRINOLYTIC AGENTS, blood/ FIBRINOLYSIS, analysis/ FIBRINOLYSIS/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ \*PLASMINOGEN, analysis/ PLASMINOGEN, antagonists & inhibitors
2502. Hedrick JL, Smith AJ, Bruening GE: Characterization



# AUTHOR SECTION

of the aggregated states of glycogen phosphorylases by gel electrophoresis.

Biochemistry (Wash) 8:4012-9, Oct 69  
ADENINE NUCLEOTIDES/ ANIMAL  
EXPERIMENTS/ BORON COMPOUNDS/ COLD/  
DETERGENTS/ \*ELECTROPHORESIS, DISK/  
\*GLUCOSYLTRANSFERASES, analysis/  
\*GLYCOGEN/ HEXOSEPHOSPHATES/  
ISOENZYMES, analysis/ MODELS,  
THEORETICAL/ MOLECULAR WEIGHT/  
MUSCLES, enzymology/  
OXIDATION-REDUCTION/  
POLYSACCHARIDES/ PROTEIN BINDING/  
RABBITS/ SULFATES/ TRYPSIN/  
ULTRACENTRIFUGATION/ UREA

2503. Heene DL: Zur Diagnostik der Verbrauchskoagulopathie. (Ger)

Bibl Haemat 32:270-80, 1969  
BLOOD COAGULATION DISORDERS,  
complications/ \*BLOOD COAGULATION  
DISORDERS, diagnosis/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS/  
FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS,  
diagnosis/ HEPARIN, diagnostic use/ HUMAN

2504. Heene DL, Lasch HG: The effect of gelatin plasma substitutes on the hemostatic mechanism.

Bibl Haemat 33:428-33, 1969  
BLOOD COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ COMPARATIVE  
STUDY/ DEXTRAN, pharmacodynamics/  
\*GELATIN, pharmacodynamics/ \*HEMOSTASIS/  
HUMAN/ IN VITRO/ \*PLASMA  
SUBSTITUTES

2505. Heer JL de: Huidhemanglomen by kinderen.

Nederl T Geneesk 114:1187-8, 11 Jul 70 (Dut)  
CHILD/ FEMALE/ \*HEMANGIOMA, drug  
therapy/ HUMAN/ \*PREDNISONE, therapeutic  
use/ \*SKIN NEOPLASMS, drug therapy

2506. Heeschen W, Reichmuth J, Tolle A, et al: Lysotypen, biochemische Leistungsspektren, Antibiotogramme und Euterpathogenität koagulasepositiver boviner Staphylokokken.

Zbl Bakt [Orig] 213:333-48, Apr 70 (Ger)  
AGGLUTINATION TESTS/ ANTIBIOTICS,  
pharmacodynamics/ \*BACTERIOPHAGE  
TYPING/ CATTLE/ CELL COUNT/  
\*COAGULASE, metabolism/ \*DRUG  
RESISTANCE, MICROBIAL/ ENGLISH  
ABSTRACT/ FEMALE/ GERMANY, WEST/  
HEMOLYSINS, biosynthesis/ MASTITIS,  
BOVINE, occurrence/ MASTITIS, BOVINE,  
pathology/ MILK, cytology/ \*MILK,  
microbiology/ RABBITS/ STAPHYLOCOCCAL  
INFECTIONS, occurrence/ STAPHYLOCOCCAL  
INFECTIONS, veterinary/  
STAPHYLOCOCCUS, classification/  
STAPHYLOCOCCUS, drug effects/  
STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, isolation & purification/  
STAPHYLOCOCCUS, metabolism/  
\*STAPHYLOCOCCUS, pathogenicity/ \*UDDER,  
microbiology

2507. Heger N, Bayindir S, Steckenmesser R, et al: Komplikationen bei Katheterarteriographien nach Seldinger-Technik.

Fortschr Roentgenstr 111:124-30, Jul 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/  
\*ANGIOGRAPHY, adverse effects/  
AORTOGRAPHY, adverse effects/  
CATHETERIZATION, adverse effects/ CELIAC  
ARTERY, radiography/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ HEMATOMA, etiology/ HUMAN/  
MALE/ MESENTERIC ARTERIES, radiography/  
METHODS/ MIDDLE AGE/ PELVIS, blood  
supply/ RENAL ARTERY, radiography/  
THROMBOEMBOLISM, etiology

2508. Hegner D, Lutz F, Schischke B, et al: Zur pharmakologischen Wirkung von Cu-Chlorophyllin. Naunyn Schmiedeberg Arch Pharm 264:245-6, 1969 (Ger)

ANIMAL EXPERIMENTS/ CHLOROPHYLL/  
\*CHLOROPHYLL, pharmacodynamics/  
COPPER/ DEPRESSION, CHEMICAL/

\*GLUCURONIDASE, antagonists & inhibitors/  
HUMAN/ LEUKOCYTES, enzymology/  
LYSOSOMES, enzymology/ MITOCHONDRIA,  
LIVER, metabolism/ OXIDATIVE  
PHOSPHORYLATION, drug effects/ \*PEPTIDE  
HYDROLASES, antagonists & inhibitors/ RATS

2509. Heidema JH, Kaiser ET: Studies on the desulfonylation of

2-hydroxy-5-nitro-alpha-toluenesulfonyl-alpha-chymotrypsin. J Amer Chem Soc 92:6050-5, 7 Oct 70

\*CHYMOTRYPSIN/ \*SULFONES/ TOLUENE

2510. Heikinheimo R: Metformin and fibrinolysis.

Scand J Haemat 6:288-90, 1969  
ADULT/ AGED/ BLOOD SUGAR, analysis/  
CHOLESTEROL, analysis/ FEMALE/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
\*FIBRINOLYSIS, drug effects/  
GASTROINTESTINAL DISEASES, chemically  
induced/ HUMAN/ MALE/ METFORMIN,  
adverse effects/ \*METFORMIN, therapeutic  
use/ MIDDLE AGE/ NAUSEA, chemically  
induced/ \*THROMBOEMBOLISM, prevention &  
control

2511. Heim RR, Freiberg J, Gehrman G: L-Asparaginase in der Behandlung solider Tumoren und Leukämien.

Deutsch Med Wschr 95:989-93, 1 May 70 (Ger)  
ACUTE DISEASE/ ADULT/ AGED/  
ASPARAGINASE, adverse effects/  
\*ASPARAGINASE, therapeutic use/ BLOOD  
COAGULATION TESTS/ BRONCHIAL  
NEOPLASMS, drug therapy/ CHRONIC  
DISEASE/ FEMALE/ HEMORRHAGIC  
DIATHESIS, chemically induced/ HODGKIN'S  
DISEASE, drug therapy/ HUMAN/  
\*LEUKEMIA, drug therapy/ LEUKEMIA,  
LYMPHOBLASTIC, drug therapy/ LEUKEMIA,  
MYELOCYTIC, drug therapy/ LIVER  
FUNCTION TESTS/ MALE/ MIDDLE AGE/  
\*NEOPLASMS, drug therapy

2512. Heine KM, Stobbe H, Klatt R, et al: Lymphocyte transformation tests in patients under treatment with immunosuppressive drugs.

Helv Med Acta 35:140-5, Nov 69  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, drug therapy/  
ARTHRITIS, RHEUMATOID, drug therapy/  
AZATHIOPRINE, therapeutic use/ FEMALE/  
HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS,  
therapeutic use/ KIDNEY, transplantation/  
LUPUS ERYTHEMATOSUS, SYSTEMIC, drug  
therapy/ LYMPHOCYTE TRANSFORMATION,  
drug effects/ \*LYMPHOCYTES, immunology/  
MALE/ MERCAPTOPYRINE, therapeutic use/  
MIDDLE AGE/ PLANT AGGLUTININS,  
pharmacodynamics/ PURPURA,  
THROMBOPENIC, drug therapy/  
STREPTOLYSIN, pharmacodynamics

2513. Heinrich HG: Zur Behandlung des Herzinfarktes unter besonderer Berücksichtigung fibrinolytischer Substanzen.

Folia Haemat (Leipzig) 92:38-45, 1969 (Ger)  
BISHYDROXYCOUMARIN, therapeutic use/  
BLOOD COAGULATION TESTS/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, therapeutic use/ HUMAN/  
INFUSIONS, PARENTERAL/ \*MYOCARDIAL  
INFARCT, drug therapy/ MYOCARDIAL  
INFARCT, etiology/ STREPTOKINASE,  
administration & dosage/  
THROMBOEMBOLISM, complications

2514. Heinrich P, Oschatz R: Chirurgisch behandelte komplikationen bei der indirekten Angiographie nach dem Seldinger-Verfahren.

Zbl Chir 94:12-22, 4 Jan 69 (Ger)  
ADOLESCENCE/ ADULT/ AMPUTATION/  
\*AORTOGRAPHY, adverse effects/  
CATHETERIZATION/ FEMALE/ FEMORAL  
ARTERY/ HEMATOMA, etiology/ HEMATOMA,  
surgery/ HUMAN/ INTERMITTENT  
CLAUDICATION, etiology/ LEG, surgery/  
MALE/ METHODS/ MIDDLE AGE/  
OSCILLOMETRY/ THROMBOSIS, etiology/  
THROMBOSIS, surgery/ TIME FACTORS/  
VASCULAR DISEASES, diagnosis



## AUTHOR SECTION

2515. **Heinrikson RL, Kingdon HS:** The amino acid sequence in the vicinity of the covalently bound adenylic acid in glutamine synthetase from *Escherichia coli*.  
J Biol Chem 245:138-42, 10 Jan 70  
ADENINE NUCLEOTIDES/ AMINO ACID SEQUENCE/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ \*ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ GLUTAMINE/ \*LIGASES, analysis/ PAPER/ TRYPSIN
2516. **Heiss J, Grasser H:** Das alternde Gelenk. Deutsch Zahnärztl Z 25:144-50, Feb 70 (Ger)  
\*AGING/ AUSCULTATION/ DISLOCATIONS, drug therapy/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ JOINT DISEASES, diagnosis/ \*JOINT DISEASES, therapy/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ SCLEROSING SOLUTIONS, therapeutic use/ \*TEMPOROMANDIBULAR JOINT, physiotherapy
2517. **Heisterkamp CA 3d, Matsumoto T, Hardaway RM 3d:** Hemostasis with cyanoacrylate: a new method. Milit Med 134:1508-9, Dec 69  
\*ACRYLATES/ ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ GELFOAM/ \*HEMOSTASIS/ MALE/ METHODS/ \*TISSUE ADHESIVES
2518. **Heisterkamp CA 3d, Simmons RL, Vernick J, et al:** Solid organ injuries in Vietnam. Emergency hemostasis with N-butyl cyanoacrylate adhesive. Arch Surg (Chicago) 100:109-12, Jan 70  
\*ABDOMINAL INJURIES, surgery/ \*ACRYLATES, therapeutic use/ ADULT/ AEROSOLS, therapeutic use/ \*HEMOSTATICS, therapeutic use/ HUMAN/ \*KIDNEY, injuries/ \*LIVER, injuries/ MALE/ MILITARY MEDICINE/ VASCULAR SURGERY/ VIETNAM/ \*WOUNDS AND INJURIES, surgery
2519. **Helbig W, Schwenke H, Müldner J:** Zytostatische Therapie der chronischen Myelose und Polycythaemia vera mit Myelobromol (Dibrommannitol) Folia Haemat (Leipzig) 92:182-96, 1969 (Ger)  
ALKALINE PHOSPHATASE, blood/ ALKYLATING AGENTS, adverse effects/ \*ALKYLATING AGENTS, therapeutic use/ BLOOD PLATELETS/ BUSULFAN, therapeutic use/ ENGLISH ABSTRACT/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ INTESTINAL ABSORPTION/ \*LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKOCYTE COUNT/ LEUKOCYTES, enzymology/ MANNITOL, administration & dosage/ MANNITOL, adverse effects/ \*MANNITOL, therapeutic use/ \*POLYCYTHEMIA VERA, drug therapy/ RETICULOCYTES
2520. **Helgebostad A, Skogan TR:** Examination of the thrombocyte count in mink in connection with anaemia. Acta Vet Scand 10:48-56, 1969  
ANEMIA, HYPOCHROMIC, blood/ \*ANEMIA, HYPOCHROMIC, veterinary/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ COMPARATIVE STUDY/ ERYTHROCYTE COUNT/ HEAT/ HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/ METHODS/ \*MINK/ \*THROMBOCYTOSIS, etiology
2521. **Heller W, Mayer W, Mörl FK:** Experimentelle Studien zur Fettembolie. Langenbecks Arch Chir 325:314-22, 1969 (Ger)  
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ DAIRY PRODUCTS/ \*EMBOLISM, FAT, blood/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ \*HYPERLIPEMIA, blood/ HYPERLIPEMIA, chemically induced/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LIPIDS/ \*LIPIDS, blood/ LIPOPROTEINS, blood/ PHOSPHOLIPIDS, blood/ RABBITS
2522. **Heller W, Oldenkott P:** Die Enzymdiagnostik bei traumatisch bedingten Hirn-Erkrankungen. Acta Neurochir (Wien) 20:299-308, 1969 (Ger)  
ACETYLCHOLINESTERASE, analysis/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BRAIN, enzymology/ \*BRAIN INJURY, ACUTE, enzymology/ CHOLINESTERASE, analysis/ \*ENZYMES, analysis/ FEMALE/ HUMAN/ ISOCITRATE DEHYDROGENASE, analysis/ KALLIKREIN-TRYPSIN INACTIVATOR, diagnostic use/ LACTATE DEHYDROGENASE, blood/ MALATE DEHYDROGENASE, analysis/ MALE
2523. **Hellström G:** Traumatic liver injuries. Progr Liver Dis 3:432-43, 1970 (101 ref.)  
HEMATOMA/ HUMAN/ \*LIVER, injuries/ REVIEW/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, diagnosis/ WOUNDS AND INJURIES, therapy
2524. **Helm HJ van der, Jonghe FE de:** Determination of psychotropic drugs in body fluids. Psychiat Neurol Neurochir 72:507-12, Nov-Dec 69  
BISHYDROXYCOUMARIN, metabolism/ CHLORPROMAZINE, metabolism/ ETHYL BISCOMACETATE, metabolism/ EXTRACELLULAR SPACE/ HUMAN/ ISONIAZID, metabolism/ METHOTRIMEPRAZINE, metabolism/ RECEPTORS, DRUG/ THIORIDAZINE, blood/ THIORIDAZINE, metabolism/ TIME FACTORS/ TRANQUILIZING AGENTS, blood/ \*TRANQUILIZING AGENTS, metabolism/ TRANQUILIZING AGENTS, urine
2525. **Helman J:** Effects of some enzymes, surface-active agents, and calcium chloride on the aqueous extraction of alkaloids from belladonna leaves. J Pharm Sci 58:1085-8, Sep 69  
AMYLASE/ \*BELLADONNA/ \*CALCIUM CHLORIDE/ CHEMISTRY/ \*GLYCOSIDE HYDROLASES/ \*PEPTIDE HYDROLASES/ \*SURFACE-ACTIVE AGENTS/ \*TROPANES, isolation & purification
2526. **Hemker HC, Muller AD, Loeliger EA:** Two types of prothrombin in vitamin K deficiency. Thromb Diath Haemorrh 23:633-7, 30 Jun 70  
HUMAN/ PEPTIDES, metabolism/ PROTHROMBIN, analysis/ \*PROTHROMBIN, biosynthesis/ PROTHROMBIN TIME/ \*VITAMIN K DEFICIENCY, enzymology
2527. **Hemmer R, Schneider J, Maleknasri F:** Zur Frage der fibrinolytischen Wirksamkeit des Liquors. Nervenarzt 41:303-5, Jun 70 (Ger)  
CEREBROSPINAL FLUID, analysis/ \*CEREBROSPINAL FLUID, physiology/ \*FIBRINOLYSIS/ HUMAN/ HYDROCEPHALUS, cerebrospinal fluid/ PARKINSONISM, cerebrospinal fluid
2528. **Henderson AH, Pugsley DJ, Thomas DP:** Fibrin degradation products in pre-eclamptic toxemia and eclampsia. Brit Med J 3:545-7, 5 Sep 70  
\*BLOOD COAGULATION DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ \*ECLAMPSIA, blood/ ECLAMPSIA, complications/ FEMALE/ \*FIBRIN, analysis/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, blood/ PREGNANCY TOXEMIAS, complications/ PUERPERIUM
2529. **Henderson GP Jr, Pope TH Jr, Hudson WR:** Ligation of internal maxillary artery for intractable epistaxis. Southern Med J 63:41-3, Jan 70  
ADULT/ AGED/ CHILD/ CHRONIC DISEASE/ \*EPISTAXIS, surgery/ FEMALE/ \*HEMOSTASIS/ HUMAN/ MALE/ \*MAXILLARY ARTERY, surgery/ METHODS/ MIDDLE AGE/ NOSE, blood supply
2530. **Henderson JR:** Serum-insulin or plasma-insulin? Lancet 2:545-7, 12 Sep 70



## AUTHOR SECTION

- ADULT/ EDTA, pharmacodynamics/ FASTING/  
FEMALE/ HEPARIN, pharmacodynamics/  
HUMAN/ IMMUNOASSAY/ \*INSULIN, blood/  
MALE/ METHODS/ MIDDLE AGE/ \*PLASMA,  
analysis
2531. Henderson KW, Nussbaum M: Mechanism of enhanced streptokinase-induced clot lysis following in-vitro factor-XIII inactivation.  
Brit J Haemat 17:445-53, Nov 69  
BLOOD COAGULATION, drug effects/  
CHLOROMERCURIBENZOATES,  
pharmacodynamics/ DIURETICS, MERCURIAL,  
pharmacodynamics/ ESTERS,  
pharmacodynamics/ \*FACTOR XIII, antagonists  
& inhibitors/ FIBRINOLYSIS, analysis/  
\*FIBRINOLYSIS, drug effects/ GLYCINE,  
pharmacodynamics/ HUMAN/ IN VITRO/  
STIMULATION, CHEMICAL/  
\*STREPTOKINASE, pharmacodynamics/  
THROMBELASTOGRAPHY
2532. Henneaux J: L'échoencéphalographie à une dimension (A scope). Son utilisation en clinique neurologique, dans un hôpital général.  
Acta Neurol Belg 69:632-60, Aug 69 (Fre)  
AUTOPSY/ BRAIN ABSCESS, diagnosis/  
BRAIN DISEASES, diagnosis/ BRAIN  
DISEASES, pathology/ BRAIN INJURY,  
ACUTE, diagnosis/ BRAIN NEOPLASMS,  
diagnosis/ CAROTID ARTERIES, radiography/  
CEREBRAL HEMORRHAGE, diagnosis/  
\*ECHOENCEPHALOGRAPHY, utilization/  
ENCEPHALOMALACIA, diagnosis/ ENGLISH  
ABSTRACT/ HEMANGIOMA, diagnosis/  
HEMATOMA, diagnosis/ HEMATOMA,  
SUBDURAL, diagnosis/ HUMAN
2533. Henning M: Studies on the mode of action of alpha-methyl dopa.  
Acta Physiol Scand 3:37, 1969 (134 ref.)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESSURE, drug effects/ BRAIN  
CHEMISTRY/ CATECHOLAMINES, analysis/  
CATECHOLAMINES, metabolism/ DOPA  
DECARBOXYLASE, antagonists & inhibitors/  
HYDRAZINES, pharmacodynamics/  
HYPERTENSION, chemically induced/  
INJECTIONS/ METHYLDOPA, administration  
& dosage/ \*METHYLDOPA, pharmacodynamics/  
METHYLTYROSINES, pharmacodynamics/  
MUSCLES, analysis/ MYOCARDIUM, analysis/  
NEURAL TRANSMISSION, drug effects/  
\*NEURONS, drug effects/ NEURONS,  
physiology/ PROPIONATES, pharmacodynamics/  
RATS/ RESERPINE, pharmacodynamics/  
REVIEW/ \*SYMPATHETIC NERVOUS  
SYSTEM, drug effects/ SYMPATHETIC  
NERVOUS SYSTEM, physiology/ TIME  
FACTORS
2534. Henningsen SJ, Zachariae H: Kinin formation and inactivation by alcalase, a proteolytic enzyme.  
Proc Soc Exp Biol Med 132:459-61, Nov 69  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ BRADYKININ, pharmacodynamics/  
CHYMOTRYPSIN, pharmacodynamics/  
\*ENZYMES, blood/ FEMALE/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ \*KININS, biosynthesis/  
METHODS/ \*PEPTIDE HYDROLASES/ RATS/  
UTERUS
2535. Henningsen SJ, Zachariae H: Glucocorticoids and Hageman factor activation of human plasma kallikrein. J Invest Derm 54:196-9, Mar 70  
ADULT/ AGED/ BETAMETHASONE,  
pharmacodynamics/ ENZYME ACTIVATION/  
\*FACTOR XII, physiology/ FEMALE/  
\*GLUCOCORTICOID, pharmacodynamics/  
GLUCOCORTICOID, therapeutic use/  
HUMAN/ HYDROCORTISONE,  
pharmacodynamics/ IN VITRO/ \*KALLIKREIN,  
blood/ KININS, biosynthesis/ KININS, blood/  
MALE/ MIDDLE AGE/ SKIN DISEASES,  
blood/ SKIN DISEASES, drug therapy
2536. Henningsen SJ, Zachariae H: Influence of betamethasone on Hageman factor activation of human plasma kallikrein.  
Scand J Clin Lab Invest Suppl 107:135+, 1969  
ADULT/ AGED/ \*BETAMETHASONE,  
pharmacodynamics/ \*BLOOD COAGULATION  
FACTORS, physiology/ FEMALE/ HUMAN/  
\*KALLIKREIN, blood/ KININS, biosynthesis/  
KININS, blood/ MALE/ MIDDLE AGE/  
STIMULATION, CHEMICAL
2537. Henningsen SJ, Zachariae H: Influence of betamethasone on Hageman factor activation of human plasma kallikrein.  
Scand J Clin Lab Invest 24:Suppl 107:135+, 1969  
ADULT/ AGED/ \*BETAMETHASONE,  
pharmacodynamics/ \*BLOOD COAGULATION  
FACTORS, physiology/ FEMALE/ HUMAN/  
\*KALLIKREIN, blood/ KININS, biosynthesis/  
KININS, blood/ MALE/ MIDDLE AGE/  
STIMULATION, CHEMICAL
2538. Henry J, Frühling J, Soumenkoff J: Etude ferrocinétique de 3 cas de thrombocythémie essentielle.  
Nouv Rev Franc Hemat 9:895-907, Nov-Dec 69 (Fre)  
AGED/ BONE MARROW EXAMINATION/  
CHROMIUM ISOTOPES/ ERYTHROPOIESIS/  
FEMALE/ HEMOGLOBIN, analysis/  
\*HEMORRHAGIC THROMBOCYTHEMIA, blood/  
HUMAN/ \*IRON, metabolism/ IRON  
ISOTOPES/ KINETICS/ LIVER/  
RADIOISOTOPE DILUTION TECHNIC/  
SPLEEN
2539. Henson PM: Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. II. Interaction of platelets with neutrophils. J Immun 105:490-501, Aug 70  
ACID PHOSPHATASE, blood/ ADENINE  
NUCLEOTIDES, blood/ ADENOSINE  
TRIPHOSPHATE, blood/ ANIMAL  
EXPERIMENTS/ \*ANTIBODIES/  
ANTIGEN-ANTIBODY COMPLEX/ \*ANTIGENS/  
ANTI-HISTAMINICS/ ASPIRIN/ \*BLOOD  
PLATELETS, immunology/ ENZYME  
ACTIVATION/ ESTERASES/ GLUCOSE/  
GLUCURONIDASE, blood/ HISTAMINE, blood/  
IN VITRO/ ISOFLUOROPHATE/ LACTATE  
DEHYDROGENASE, blood/ MAGNESIUM/  
\*NEUTROPHILS, immunology/ NUCLEOSIDES/  
PLATELET ADHESIVENESS/ RABBITS/  
SEROTONIN, blood/ SURFACE-ACTIVE  
AGENTS/ THROMBIN
2540. Henson PM: Mechanisms of release of constituents from rabbit platelets by antigen-antibody complexes and complement. I. Lytic and nonlytic reactions. J Immun 105:476-89, Aug 70  
ACID PHOSPHATASE, blood/ ADENINE  
NUCLEOTIDES, blood/ ANIMAL  
EXPERIMENTS/ \*ANTIBODIES/  
ANTIGEN-ANTIBODY COMPLEX/ \*ANTIGENS/  
BLOOD PLATELETS, enzymology/ \*BLOOD  
PLATELETS, immunology/ \*COMPLEMENT/  
ERYTHROCYTES, immunology/  
GLUCURONIDASE, blood/ HISTAMINE, blood/  
IN VITRO/ ISOFLUOROPHATE/ LACTATE  
DEHYDROGENASE, blood/ MICROSCOPY,  
ELECTRON/ NUCLEOTIDES, metabolism/  
RABBITS/ RADIOISOTOPES/ RUBIDIUM/  
SEROTONIN, blood/ ZYMOSAN
2541. Henson PM: Release of vasoactive amines from rabbit platelets induced by antiplatelet antibody in the presence and absence of complement. J Immun 104:924-34, Apr 70  
ABSORPTION/ ACID PHOSPHATASE/  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/  
BINDING SITES/ BLOOD PLATELETS,  
enzymology/ \*BLOOD PLATELETS,  
immunology/ \*COMPLEMENT/  
ERYTHROCYTES, immunology/ GAMMA  
GLOBULIN, 7S/ GLUCURONIDASE/  
HEMAGGLUTINATION/ HIRUDIN/  
\*HISTAMINE LIBERATION/ IMMUNE  
SERUMS/ IMMUNOELECTROPHORESIS/  
IODINE ISOTOPES/ ISOFLUOROPHATE/  
LACTATE DEHYDROGENASE/ LEUKOCYTES,  
immunology/ MERCAPTOETHANOL,  
pharmacodynamics/ MICROSCOPY,  
ELECTRON/ NUCLEOTIDES, metabolism/



## AUTHOR SECTION

- PEPSIN, pharmacodynamics/ PLATELET ADHESIVENESS/ RABBITS/ RADIOISOTOPES/ RUBIDIUM/ \*SEROTONIN/ SHEEP/ VENOMS, pharmacodynamics
2542. Henson PM: Release of vasoactive amines from rabbit platelets induced by sensitized mononuclear leukocytes and antigen. *J Exp Med* 131:287-306, Feb 70  
AMINES/ ANIMAL EXPERIMENTS/  
\*ANTIGENS, secretion/ BLOOD PLATELETS, pathology/ \*BLOOD PLATELETS, secretion/ BLOOD VESSELS, secretion/ BONE MARROW/ \*HISTAMINE, secretion/ IMMUNITY/ \*LEUKOCYTES, secretion/ LYMPH/ LYMPH NODES/ MICROSCOPY, ELECTRON/ PERITONEAL CAVITY/ RABBITS/ SPLEEN/ THORACIC DUCT
2543. Hepper NG, Black LF, Gleich GJ, et al: The prevalence of alpha 1-antitrypsin deficiency in selected groups of patients with chronic obstructive lung disease. *Mayo Clin Proc* 44:697-710, Oct 69  
ADULT/ AGED/ CHRONIC DISEASE/ FEMALE/ \*HEMOSIDEROSIS, enzymology/ HEMOSIDEROSIS, familial & genetic/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ \*LUNG DISEASES, enzymology/ LUNG DISEASES, familial & genetic/ MALE/ MIDDLE AGE/ PEDIGREE/ \*PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY EMPHYSEMA, radiography/ RESPIRATORY FUNCTION TESTS/ SPIROMETRY/ \*TRYPSIN, antagonists & inhibitors
2544. Herberman RB: Inhibition of natural cytotoxic rabbit antibody by human IgM: production of nontoxic rabbit serum for use as complement source. *J Immun* 104:805-9, Apr 70  
ANIMAL EXPERIMENTS/  
\*ANTIGEN-ANTIBODY REACTIONS/ BURKITT'S LYMPHOMA, immunology/ CELL LINE/ CHROMATOGRAPHY/ COMPLEMENT/ ELECTROPHORESIS/ GAMMA GLOBULIN, 19S, isolation & purification/ \*GAMMA GLOBULIN, 19S, pharmacodynamics/ GEL FILTRATION/ GUINEA PIGS/ HUMAN/ \*IMMUNE SERUMS, biosynthesis/ LEUKEMIA, immunology/ LYMPHOCYTES, immunology/ MACROGLOBULINEMIA, immunology/ MACROGLOBULINS, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MERCAPTOETHYLAMINES, pharmacodynamics/ RABBITS/ RATS/ SPECIES SPECIFICITY/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics
2545. Hercz A: The complex nature of proelastase, a propeptidase, and associated protein. *J Biol Chem* 244:5556-62, 25 Oct 69  
ALUMINUM/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ ELASTIN/ ELECTROPHORESIS/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS/ ENZYME PRECURSORS, antagonists & inhibitors/ ENZYME PRECURSORS, isolation & purification/ HYDROXYAPATITE/ METHODS/ OXIDES/ PANCREAS, enzymology/ \*PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PANCREATOPEPTIDASE, isolation & purification/ \*PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PROTEINS/ SOLUBILITY/ STARCH/ SWINE/ TRYPSIN/ UREA
2546. Herdman RC, Edson R, Pickering RJ, et al: Anticoagulants in renal disease in children. *Amer J Dis Child* 119:27-35, Jan 70  
ADOLESCENCE/ \*ANTICOAGULANTS, therapeutic use/ CHILD/ COMPLEMENT/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ \*KIDNEY DISEASES, drug therapy/ KIDNEY DISEASES, pathology/ MALE/ NEPHROSIS, drug therapy/ NEPHROTIC SYNDROME, drug therapy/ PROTEINURIA, drug therapy/ PURPURA, drug therapy/ WARFARIN, therapeutic use/ WEGENER'S GRANULOMATOSIS, drug therapy
2547. Herk W van: De extractie bij hemofilie A-patiënten. *Nederl T Tandheelk* 76:745-50, Oct 69 (Dut)  
ENGLISH ABSTRACT/ \*HEMOPHILIA/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ \*TOOTH EXTRACTION
2548. Herman B, Guenou J, Weyl-Aubert J: Un cas grave d'anurie après hématome rétro-placentaire (H.R.P.) *Bull Fed Gynec Obstet Franc* 21:73-8, Jan-Mar 69 (Fre)  
ADULT/ \*ANURIA, etiology/ FEMALE/ \*HEMATOMA, complications/ HUMAN/ \*PLACENTA/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC
2549. Heřmanský F, Caen J, Matoušová O: Some new observations on glycogenolysis in blood platelets studied by cytochemical scoring method. *Thromb Diath Haemorrh* 22:296-303, 15 Nov 69  
\*BLOOD PLATELETS, metabolism/ CYSTEINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ \*GLYCOGEN, blood/ GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ MERCAPTOETHANOL, pharmacodynamics/ MICROSCOPY, PHASE CONTRAST/ STAINS AND STAINING/ SULFHYDRYL COMPOUNDS, pharmacodynamics
2550. Hermansky F, Matousova O, Caen J: Etudes cytochimiques récentes de la glycogénolyse plaquettaire. *Nouv Rev Franc Hemat* 9:667-9, Sep-Oct 69 (Fre)  
BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CYSTEINE, pharmacodynamics/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ ETHYLMALAIMIDE, pharmacodynamics/ FERROCYNANIDES, pharmacodynamics/ GLUTATHIONE, pharmacodynamics/ \*GLYCOGEN, metabolism/ \*HISTOCYTOCHEMISTRY/ IODOACETATES, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MICROSCOPY, PHASE CONTRAST
2551. Hermida ME, Scrivano JL: Insuficiencia cerebrovascular aguda (ataques isquémicos focales) (semiología, patogenia, anatomía patológica y tratamiento) *Rev Clin Esp* 116:11-28, 15 Jan 70 (229 ref.) (Spa)  
ANTICOAGULANTS, therapeutic use/ ARM, blood supply/ BASILAR ARTERY, physiopathology/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VOLUME/ CAROTID ARTERIES, physiopathology/ CEREBRAL ARTERIOSCLEROSIS/ \*CEREBRAL ISCHEMIA, TRANSIENT/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, pathology/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ EMBOLISM/ EYE MANIFESTATIONS/ HUMAN/ NEUROLOGIC MANIFESTATIONS/ REVIEW/ SUBCLAVIAN STEAL SYNDROME/ VASCULAR DISEASES/ VASCULAR SURGERY/ VERTEBRAL ARTERY, physiopathology
2552. Hermier M, Mathieu M, Fillat M, et al: Etude de la fonction pancréatique exocrine dans la mucoviscidose. *Rev Franc Etud Clin Biol* 14:867-84, Nov 69 (Fre)  
ADOLESCENCE/ AMYLASE, analysis/ BICARBONATES, analysis/ CHILD/ CHILD, PRESCHOOL/ CHYMOTRYPSIN, analysis/ \*CYSTIC FIBROSIS, enzymology/ CYSTIC FIBROSIS, metabolism/ ENGLISH ABSTRACT/ FECES, analysis/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTUBATION, GASTROINTESTINAL/ LIPASE, analysis/ MALE/ \*PANCREAS, secretion/ \*PANCREATIC JUICE, analysis/ PANCREATIC JUICE, enzymology/ \*PANCREATIC JUICE,



# AUTHOR SECTION

- secretion/ PANCREOZYMIN, diagnostic use/  
SECRETIN, diagnostic use/ TRYPSIN,  
analysis/ VISCOSITY
2553. Hermodson MA, Suttle JW, Link KP: Warfarin metabolism and vitamin K requirement in the warfarin-resistant rat. *Amer J Physiol* 217:1316-9, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ CARBON ISOTOPES/  
HETEROZYGOTE/ INJECTIONS,  
INTRAPERITONEAL/ MALE/ NUTRITIONAL  
REQUIREMENTS/ PROTHROMBIN TIME/  
\*RATS/ \*VITAMIN K, metabolism/  
\*WARFARIN, metabolism
2554. Hernandez C, Morin G, Bellin A: Angiographie de la lacune scintigraphique hépatique. *Ann Radiol (Paris)* 12:629-54, 1969 (Fre)  
ABNORMALITIES, radiography/  
ADENOCARCINOMA, radiography/  
\*ANGIOGRAPHY/ ENGLISH ABSTRACT/  
HEMANGIOMA, radiography/ HEPATOMA,  
radiography/ HUMAN/ LIVER, abnormalities/  
LIVER DISEASES, diagnosis/ \*LIVER  
DISEASES, radiography/ LIVER DISEASES,  
PARASITIC, radiography/ LIVER  
NEOPLASMS, radiography/ \*RADIOISOTOPE  
SCANNING
2555. Herrmann JB, Woodward SC: The effects of a fluoroalkyl cyanoacrylate tissue adhesive upon granulation tissue development, fibroplasia and hemostasis. *Amer Surg* 36:276-82, May 70  
ABSORPTION/ ACRYLATES,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
CHEMISTRY/ FLUORINE, pharmacodynamics/  
GRANULATION TISSUE, cytology/  
\*GRANULATION TISSUE, drug effects/  
\*HEMOSTASIS/ HYDROXYPROLINE/ MALE/  
RATS/ TIME FACTORS/ \*TISSUE  
ADHESIVES/ \*WOUND HEALING, drug  
effects
2556. Herrmann RG, Kowalik KV: Selective presentation of DNA-regions and membranes in chloroplasts and mitochondria. *J Cell Biol* 45:198-202, Apr 70  
CELL MEMBRANE/ CELL NUCLEUS/  
\*CHLOROPLASTS, cytology/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
\*DNA/ ENDOPLASMIC RETICULUM/ GOLGI  
APPARATUS/ \*MEMBRANES/ MICROSCOPY,  
ELECTRON/ \*MITOCHONDRIA/ TRYPSIN,  
pharmacodynamics
2557. Herschlein HJ: Ultraschall-Diagnostik bei vorzeitiger Lösung der richtig sitzenden Plazenta. *Aerztl Forsch* 24:210-3, 10 Jul 70 (Ger)  
\*ABRUPTIO PLACENTAE, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ ENGLISH  
ABSTRACT/ FEMALE/ HEMATOMA,  
diagnosis/ HUMAN/ PLACENTA DISORDERS,  
diagnosis/ PREGNANCY/ \*ULTRASONICS,  
diagnostic use
2558. Herschlein HJ, Steichele DF: Unterschiedliche Formen der Verbrauchskoagulopathie und ihre Behandlung. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
ADULT/ ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ \*BLOOD COAGULATION  
DISORDERS, diagnosis/ BLOOD  
COAGULATION DISORDERS, drug therapy/  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
HEMORRHAGIC DIATHESIS, diagnosis/  
HEMORRHAGIC DIATHESIS, drug therapy/  
HEPARIN, therapeutic use/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC, diagnosis/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, drug therapy/ PROTAMINES,  
therapeutic use/ REVIEW/ SHOCK,  
ENDOTOXIC, drug therapy/ STREPTOKINASE,  
therapeutic use
2559. Herschlein HJ, Steichele DF: Unterschiedliche Formen der Verbrauchskoagulopathie und ihre Behandlung. *Med Welt* 44:2389-98, 1 Nov 69 (25 ref.) (Ger)  
ADULT/ ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ \*BLOOD COAGULATION  
DISORDERS, diagnosis/ BLOOD  
COAGULATION DISORDERS, drug therapy/  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
HEMORRHAGIC DIATHESIS, diagnosis/  
HEMORRHAGIC DIATHESIS, drug therapy/  
HEPARIN, therapeutic use/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC, diagnosis/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, drug therapy/ PROTAMINES,  
therapeutic use/ REVIEW/ SHOCK,  
ENDOTOXIC, drug therapy/ STREPTOKINASE,  
therapeutic use
2560. Herscovici R: Coagularea intravasculară diseminată. *Rev Medicochir Iasi* 74:301-7, Apr-Jun 70 (Rum)  
\*BLOOD COAGULATION DISORDERS/  
\*EMBOLISM, etiology/ \*ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR/ HUMAN/  
\*THROMBOSIS, etiology
2561. Herscovitz HB, Stelos P: Pronase and "Immunogenic RNA". Inactivation of mouse anti-phage antibody with pronase. *Biochim Biophys Acta* 200:408-11, 17 Feb 70  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/  
ANTIBODY FORMATION/ ANTIGENS/  
\*BACTERIOPHAGE/ CHEMISTRY/  
DEOXYRIBONUCLEASE/ FEMALE/ MICE/  
NEUTRALIZATION TESTS/ PAPAIN/  
PEPTIDE HYDROLASES/ RIBONUCLEASE/  
\*RNA/ SPLEEN, immunology/  
STREPTOCOCCUS FAECALIS
2562. Herscovitz HB, Stelos P: The induction of bacteriophage-neutralizing antibody by mouse spleen immunogenic RNA. I. Preparation and properties of immunogenic RNA. *J Immun* 105:771-8, Sep 70  
AMYLASE, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*ANTIBODY FORMATION/  
ANTIBODY FORMATION, drug effects/  
ANTIGENS/ \*BACTERIOPHAGE/  
CENTRIFUGATION, DENSITY GRADIENT/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
MICE/ PEPTIDE HYDROLASES,  
pharmacodynamics/ RIBONUCLEASE,  
pharmacodynamics/ \*RNA/ RNA, analysis/  
\*SPLEEN, immunology/ STREPTOCOCCUS/  
TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics/ ULTRACENTRIFUGATION
2563. Hersh EM, Bodey GP: Leukocytic mechanisms in inflammation. *Ann Rev Med* 21:105-32, 1970 (320 ref.)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION FACTORS/ BLOOD VESSELS,  
physiopathology/ BURNS, physiopathology/  
CAPILLARY PERMEABILITY/  
CATECHOLAMINES, physiology/  
CHEMOTAXIS/ COMPLEMENT,  
pharmacodynamics/ DILATATION/  
HISTAMINE, physiology/ HUMAN/  
INFLAMMATION, blood/ INFLAMMATION,  
chemically induced/ INFLAMMATION,  
etiology/ INFLAMMATION, immunology/  
\*INFLAMMATION, physiopathology/ KININS,  
physiology/ \*LEUKOCYTES, physiology/  
LEUKOPENIA, physiopathology/ LYSOSOMES/  
MAST CELLS, physiology/ MODELS,  
BIOLOGIC/ REVIEW/ SEROTONIN,  
physiology/ SERUM GLOBULINS, physiology/  
TEMPERATURE/ ULTRAVIOLET RAYS/  
WOUNDS AND INJURIES, blood
2564. Hersh LS, Weetall HH, Brown IW Jr: Heparin ionically linked to glass. *J Biomed Mat Res* 3:471-4, Sep 69  
\*GLASS/ \*HEPARIN/ HUMAN/ IN VITRO/  
PROPYLAMINES/ RHEOLOGY/ THROMBOSIS,  
prevention & control/ ULTRASONICS
2565. Herskovits TT, Gadegbeku B, Jalliet H: On the structural stability and solvent denaturation of proteins. I. Denaturation by the alcohols and glycols. *J Biol Chem* 245:2588-98, 25 May 70  
\*ALCOHOLS/ CHEMISTRY/ CHYMOTRYPSIN/  
CYTOCHROMES/ ENZYME PRECURSORS/  
\*GLYCOLS/ KINETICS/ MUSCLE PROTEINS/  
OPTICAL ROTATORY DISPERSION/  
PROTEIN BINDING/ \*PROTEIN  
DENATURATION/ \*PROTEINS/



# AUTHOR SECTION

- SPECTROPHOTOMETRY/ TEMPERATURE/  
X-RAY DIFFRACTION
2566. Herskovits TT, Menéndez CJ: The optical rotatory dispersion and circular dichroism of ribonuclease and its subtilisin modified derivatives.  
Arch Biochem 135:452-4, Dec 69  
AMINO ACIDS/ CATTLE/ OPTICAL  
ROTATORY DISPERSION/ PANCREAS,  
enzymology/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PROTEINS/  
\*RIBONUCLEASE/ SPECTRUM ANALYSIS/  
ULTRAVIOLET RAYS
2567. Herzig RH, Ratnoff OD, Shainoff JR: Studies on a procoagulant fraction of southern copperhead snake venom: the preferential release of fibrinopeptide B.  
J Lab Clin Med 76:451-65, Sep 70  
AMIDOHYDROLASES, isolation & purification/  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ CHEMISTRY/  
CHROMATOGRAPHY/ ESTERASES, isolation  
& purification/ \*FIBRINOGEN/  
FIBRINOLYSIS/ GEL FILTRATION/ PEPTIDE  
HYDROLASES, isolation & purification/  
\*PEPTIDES, metabolism/ \*SNAKES,  
enzymology/ THROMBIN/ \*VENOMS, analysis
2568. Hesse VE, Mink IB, Murphy GP, et al: Hemodialysis and hemostatic function.  
New York J Med 70:1851-6, 15 Jul 70  
ADULT/ AGED/ \*BLOOD COAGULATION/  
FEMALE/ \*HEMODIALYSIS/ HUMAN/  
\*KIDNEY FAILURE, CHRONIC, therapy/  
MALE/ MIDDLE AGE
2569. Hewitt D, Milner J: Prevalence of hemophilia in Ontario, 1966. Canad Med Ass J 102:174-7, 31 Jan 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
CHILD/ CHILD, PRESCHOOL/  
EPIDEMIOLOGIC METHODS/ \*HEMOPHILIA,  
occurrence/ HUMAN/ INFANT/ MALE/  
MEDICAL RECORDS/ ONTARIO/ SOCIETIES,  
MEDICAL
2570. Héwitt J, Guigon M: Histo-enzymological study of dermal vessels in normal and pathological skin.  
Brit J Derm 82:364-70, Apr 70  
ADENOSINE TRIPHOSPHATASE, analysis/  
ADULT/ ALKALINE PHOSPHATASE, analysis/  
\*BLOOD VESSELS, enzymology/ CARCINOMA,  
BASAL CELL, enzymology/ CARCINOMA,  
EPIDERMOID, enzymology/ FEMALE/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
analysis/ HEMANGIOMA, enzymology/  
HISTOCYTOCHEMISTRY/ HUMAN/  
HYDRO-LYASES, analysis/ ISOCITRATE  
DEHYDROGENASE, analysis/ MALE/  
OXIDOREDUCTASES, analysis/ PSORIASIS,  
enzymology/ SCLERODERMA, enzymology/  
\*SKIN, blood supply/ \*SKIN DISEASES,  
enzymology
2571. Heyden MJ: Rasputin provides clue for modern treatment. Dent Angles 10:11, Sep 69  
FAMOUS PERSONS/ HEMOPHILIA, therapy/  
HYPNOSIS, DENTAL, history/ SPECIAL LIST  
DENTAL
2572. Heydenrijk PA, Vreeken J, Deggeler K, et al: Treatment of a large pseudotumour of the iliac bone in a patient with a severe form of haemophilia A.  
Arch Chir Neerl 21:187-98, 1969  
ADULT/ BONE CYST, diagnosis/ BONE CYST,  
etiology/ \*BONE CYST, surgery/ BONE  
NEOPLASMS, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ HEMATOMA, complications/  
\*HEMOPHILIA, complications/ HUMAN/  
\*ILIUM/ MALE
2573. Hibbert LE, Hammond DM, Simmons JR: The effects of pH, buffers, bile and bile acids on excystation of sporozoites of various *Eimeria* species.  
J Protozool 16:441-4, Aug 69  
AIR/ ANIMAL EXPERIMENTS/ \*BILE/ \*BILE  
ACIDS AND SALTS, pharmacodynamics/  
\*BUFFERS/ CARBON DIOXIDE,  
pharmacodynamics/ CATTLE/ EIMERIA, drug  
effects/ \*EIMERIA, physiology/  
\*HYDROGEN-ION CONCENTRATION/  
TEMPERATURE/ TRYPSIN, pharmacodynamics
2574. Hickl EJ, Barsewisch B von, Dirschinger J: Untersuchungen zur Frage der Wirksamkeit von Fibrinolysehemmern für die Prophylaxe fetaler Hypoxieblutungen.  
Deutsch Med Wschr 95:616-8 passim, 20 Mar 70 (Ger)  
AMINES, administration & dosage/ \*ANOXIA,  
prevention & control/ \*ANTIFIBRINOLYTIC  
AGENTS, administration & dosage/  
CARBONATES, administration & dosage/  
CYCLOHEXANE, administration & dosage/  
FEMALE/ \*FETAL DISEASES, prevention &  
control/ FIBRINOLYSIS/ \*HEMORRHAGE,  
prevention & control/ HUMAN/ PREGNANCY/  
RETINAL VESSELS
2575. Hickman JA: Blood activity of 125-I-fibrinogen in venous thrombosis. Lancet 2:469, 29 Aug 70  
\*FIBRINOGEN, analysis/ FIBRINOGEN,  
metabolism/ HUMAN/ IODINE ISOTOPES,  
DIAGNOSTIC/ THROMBOPHLEBITIS, blood/  
\*THROMBOPHLEBITIS, diagnosis
2576. Hidaka H, Udenfriend S: Evidence of a hydrazine-reactive group at the active site of the nonheme portion of horseradish peroxidase.  
Arch Biochem 140:174-80, Sep 70  
BINDING SITES/ CARBON ISOTOPES/  
\*IPRONIAZID/ KINETICS/ LEUCINE  
AMINOPEPTIDASE/ PEPTIDE  
PEPTIDOHYDROLASES/ \*PEROXIDES/  
PLANTS, enzymology/ SPECTROPHOTOMETRY
2577. Hiemeyer V, Rasche H, Diehl K: Der Einfluss von Antikoagulantien und Streptokinase auf den Verlauf des akuten Herzinfarktes.  
Klin Wschr 47:371-5, 1 Apr 69 (Ger)  
ACUTE DISEASE/ ADULT/ AGED/  
ELECTROCARDIOGRAPHY/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEPARIN, therapeutic  
use/ HUMAN/ MALE/ MIDDLE AGE/  
\*MYOCARDIAL INFARCT, drug therapy/  
MYOCARDIAL INFARCT, mortality/  
\*STREPTOKINASE, therapeutic use
2578. Hilbrich P: Blinddarmkokzidiose und Vitamine.  
Zbl Veterinaarmed [B] 17:150-3, Jan 70 (Ger)  
BODY WEIGHT/ \*CECAL DISEASES,  
veterinary/ \*COCCIDIOSIS, veterinary/  
ENGLISH ABSTRACT/ \*POULTRY DISEASES,  
prevention & control/ VITAMIN A,  
therapeutic use/ VITAMIN B COMPLEX,  
therapeutic use/ VITAMIN K,  
therapeutic use/ \*VITAMINS, therapeutic use
2579. Hildebrandt G, Stintz AR: Zur Thromboembolieprophylaxe in der Unfallchirurgie.  
Zbl Chir 94:1605-9, 22 Nov 69 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ CASTS,  
SURGICAL/ COUMARINS, therapeutic use/  
FIBULA, injuries/ FRACTURE FIXATION/  
FRACTURES, complications/ HUMAN/  
PHLEBOGRAPHY/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
PULMONARY EMBOLISM, prevention &  
control/ \*THROMBOEMBOLISM, prevention &  
control/ THROMBOSIS, radiography/ \*TIBIAL  
FRACTURES, complications/ TIBIAL  
FRACTURES, surgery/ TIBIAL FRACTURES,  
therapy
2580. Hilgard P: Hypercalcemia and clotting.  
New Eng J Med 283:436, 20 Aug 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, complications/  
CARCINOMA 256, WALKER, complications/  
DISSEMINATED INTRAVASCULAR  
COAGULATION, complications/ HUMAN/  
\*HYPERCALCEMIA, complications/  
HYPERPARATHYROIDISM, complications/  
RATS/ THROMBOSIS, complications
2581. Hilgard P, Hiemeyer V: Fibrinolysis, thromboplastin activity and localization of radiolabeled fibrinogen in experimental tumors.  
Europ J Cancer 6:157-8, Apr 70  
ANIMAL EXPERIMENTS/ \*FIBRINOGEN,  
metabolism/ \*FIBRINOLYSIS/ IODINE



# AUTHOR SECTION

- ISOTOPES/ NEOPLASMS, diagnosis/  
\*NEOPLASMS, EXPERIMENTAL, metabolism/  
RATS/ \*THROMBOPLASTIN, metabolism
2582. Hilgard P, Hiemeyer V: Increased plasma fibrinogen and the release of a fibrinogen enhancing factor in tumour-bearing rats. *Experientia* 26:182-3, 1970  
ANIMAL EXPERIMENTS/ BENZOPYRENES/  
BLOOD/ \*BLOOD COAGULATION FACTORS,  
metabolism/ CROTON OIL/ FEMALE/  
\*FIBRINOGEN, analysis/ MALE/ MUSCLES,  
pathology/ NECROSIS/ NEOPLASM  
TRANSPLANTATION/ RATS/ \*SARCOMA,  
EXPERIMENTAL, blood/ SARCOMA,  
EXPERIMENTAL, chemically induced/  
\*SARCOMA, YOSHIDA, blood/ SODIUM  
CHLORIDE
2583. Hilgard P, Hiemeyer V: The cytotoxic effect of plasmin on Yoshida sarcoma cells.  
*Rev Franc Etud Clin Biol* 14:902-4, Nov 69  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
\*ANTINEOPLASTIC AGENTS,  
pharmacodynamics/ \*FIBRINOLYSIS,  
pharmacodynamics/ HUMAN/ IN VITRO/  
INFUSIONS, PARENTERAL/ INJECTIONS,  
INTRAPERITONEAL/ NEOPLASM  
METASTASIS/ RATS/ \*SARCOMA, YOSHIDA,  
drug therapy/ SWINE/ TRY PAN BLUE
2584. Hilgartner MW: Bleeding after cardiac catheterization.  
*New Eng J Med* 281:1247, 27 Nov 69  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
\*HEART CATHETERIZATION, adverse effects/  
HUMAN
2585. Hilgartner MW, Lankowsky P, Smith CH: The use of azathioprine in refractory idiopathic thrombocytopenic purpura in children.  
*Acta Paediat Scand* 59:409-15, Jul 70  
AZATHIOPRINE, administration & dosage/  
\*AZATHIOPRINE, therapeutic use/  
AZATHIOPRINE, toxicity/ BLOOD CELL  
COUNT/ CHILD/ CHILD, PRESCHOOL/  
FEMALE/ HEMOGLOBIN, analysis/ HUMAN/  
LEUKOCYTE COUNT/ LIVER FUNCTION  
TESTS/ MALE/ \*PURPURA, THROMBOPENIC,  
drug therapy/ SPLENECTOMY
2586. Hilgartner MW, Lankowsky P: Septicemia and disseminated intravascular coagulation in children postsplenectomy. *Amer J Dis Child* 119:192, Feb 70  
\*BLOOD COAGULATION DISORDERS,  
etiology/ CASE REPORT/ CHILD/ FEMALE/  
HUMAN/ \*SEPTICEMIA, etiology/  
SPHEROCYTOSIS, HEREDITARY, surgery/  
\*SPLENECTOMY, adverse effects
2587. Hilgartner MW, Lankowsky P, Lipsitz P: Perforation of small and large intestine following exchange transfusion. *Amer J Dis Child* 120:79-81, Jul 70  
COLON/ DIAGNOSIS, DIFFERENTIAL/  
\*ERYTHROBLASTOSIS, FETAL/ \*EXCHANGE  
TRANSFUSION, adverse effects/  
HEMOPHILIA, diagnosis/ HUMAN/  
HYPERBILIRUBINEMIA, therapy/ \*ILEUM/  
INFANT, NEWBORN/ INFANT, NEWBORN,  
DISEASES, diagnosis/ INTESTINAL  
PERFORATION, diagnosis/ \*INTESTINAL  
PERFORATION, etiology/ \*JEJUNUM/  
LAPAROTOMY/ MALE
2588. Hilgermann R: Veränderungen der Gc-Varianten durch enzymatische Einwirkungen.  
*Z Klin Chem* 7:617-23, Nov 69 (Ger)  
\*BLOOD GROUPS/ CARBOXYPEPTIDASES/  
\*CATHEPSIN/ CHEMISTRY/ ENGLISH  
ABSTRACT/ GEL DIFFUSION TESTS/  
HEMOLYSIS/ HUMAN/  
IMMUNOELECTROPHORESIS/ PEP SIN/  
PEPTIDE HYDROLASES/ \*SERUM  
GLOBULINS/ TRYPSIN
2589. Hilgert I, Kandutsch AA, Cherry M, et al: Fractionation of murine H-2 antigens with the use of detergents.  
*Transplantation* 8:451-61, Oct 69  
ANIMAL EXPERIMENTS/ BILE ACIDS AND  
SALTS/ CHROMATOGRAPHY/ CHROMIUM
- ISOTOPES/ \*DETERGENTS/  
\*HISTOCOMPATIBILITY/ INDICATORS AND  
REAGENTS/ \*ISOANTIGENS, isolation &  
purification/ KALLIKREIN-TRYPSIN  
INACTIVATOR/ LYMPHOCYTES, immunology/  
METHODS/ MICE/ SARCOMA,  
EXPERIMENTAL, immunology/  
SERODIAGNOSIS/ SOLUBILITY/  
SURFACE-ACTIVE AGENTS
2590. Hill CL: Epistaxis.  
*Med Trial Techn Quart* 16:29-32, Sep 69  
\*EPISTAXIS/ EPISTAXIS, prevention &  
control/ EPISTAXIS, therapy/ HEMOSTASIS/  
HUMAN/ NOSE, anatomy & histology/  
TAMPONS
2591. Hill FW, Kidder DE: The estimation of daily faecal trypsin levels in dogs as an indicator of gross pancreatic exocrine insufficiency.  
*J Small Anim Pract* 11:191-5, Mar 70  
\*DOG DISEASES, diagnosis/ DOGS/ \*FECES,  
enzymology/ FEMALE/ MALE/ \*PANCREATIC  
DISEASES, veterinary/ \*TRYPSIN, analysis
2592. Hill JD, Johnson DC, Miller GE Jr, et al: Latent mediastinal tamponade after open-heart surgery.  
*Arch Surg (Chicago)* 99:808-14, Dec 69  
ADULT/ AGED/ ANTICOAGULANTS, adverse  
effects/ \*CARDIAC TAMPONADE, etiology/  
DIAGNOSIS, DIFFERENTIAL/ \*HEART  
SURGERY, adverse effects/ \*HEMATOMA,  
complications/ HEMATOMA, diagnosis/  
HEPARIN, adverse effects/ HEPARIN,  
therapeutic use/ HUMAN/ MALE/  
\*MEDIASTINAL DISEASES, complications/  
MEDIASTINAL DISEASES, diagnosis/ MIDDLE  
AGE/ PERICARDIAL EFFUSION, diagnosis/  
POSTOPERATIVE COMPLICATIONS, diagnosis/  
PRESSURE
2593. Hill RJ, Naughton MA, Wake RG: The major genetic variant macropeptides of kappa-casein—a comparison of their amino acid contents and tryptic peptides.  
*Biochim Biophys Acta* 200:267-74, 17 Feb 70  
ALANINE/ AMINO ACID SEQUENCE/  
\*AMINO ACIDS, analysis/ ASPARTIC ACID/  
CARBOHYDRATES, analysis/ \*CASEIN/  
CASEIN, analysis/ CATTLE/ CHEMISTRY/  
CHROMATOGRAPHY, PAPER/  
ELECTROPHORESIS/ GENETIC CODE/  
ISOLEUCINE/ MODELS, BIOLOGIC/  
MUTATION/ \*PEPTIDES/ PEPTIDES, analysis/  
PEPTIDES, isolation & purification/  
THREONINE/ TRYPSIN
2594. Hills M, Ingram GI, Matchett MO: Lyophilized plasma as an assay standard for factor VIII: calibration and control with fresh plasma samples.  
*Brit J Haemat* 18:617-24, Jun 70  
ANALYSIS OF VARIANCE/ \*FACTOR VIII,  
analysis/ FREEZE DRYING/ HUMAN/  
METHODS/ PLASMA/ TISSUE  
PRESERVATION
2595. Hüschemann N: Die molekularen Grundlagen der Antikörperbildung.  
*Naturwissenschaften* 56:195-205, Apr 69 (Ger)  
AMINO ACID SEQUENCE/ \*ANTIBODY  
FORMATION/ CHYMOTRYPSIN/ CLONE  
CELLS, immunology/ ENZYME PRECURSORS/  
EVOLUTION/ \*GAMMA GLOBULIN, analysis/  
GENES, STRUCTURAL/ MOLECULAR  
BIOLOGY/ PEPTIDES, analysis/  
RECOMBINATION, GENETIC/ TRYPSINOGEN/  
VARIATION (GENETICS)
2596. Hilton GF, Norton EW, Curtin VT, et al: Retinal detachment surgery; a comparison of diathermy and cryosurgery. *Bibl Ophthal* 79:440-8, 1969  
ADHESIONS/ CHOROID/ COMPARATIVE  
STUDY/ \*CRYOGENIC SURGERY/  
CRYOGENIC SURGERY, adverse effects/  
\*DIATHERMY/ DIATHERMY, adverse effects/  
EYE DISEASES, etiology/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ \*RETINAL  
DETACHMENT, surgery/ \*RETINAL  
DETACHMENT, therapy/ VISUAL ACUITY
2597. Himmel A, Walasek L, Zakrzewski J, et al: Próba



## AUTHOR SECTION

- ustalenia wielkości dawki dekstranu 40 000.  
Pol Tyg Lek 24:1679-82, 3 Oct 69 (Pol)  
\*BLOOD VISCOSITY, drug effects/  
\*DEXTRAN, administration & dosage/  
ENGLISH ABSTRACT/ HUMAN/ MOLECULAR  
WEIGHT
2598. Himoe A: The effect of thionine on the kinetics of the beta-trypsin-catalyzed hydrolysis of tosyl-L-arginine methyl ester. J Biol Chem 245:1836-41, 10 Apr 70  
\*ACRIDINES/ \*ARGININE/ BINDING SITES/  
COMPUTERS, DIGITAL/ DYES/ ESTERS/  
KINETICS/ MATHEMATICS/  
SPECTROPHOTOMETRY/ \*SULFONIC ACIDS/  
TIME FACTORS/ \*TOLUENE/ \*TRYPSIN
2599. Hines JD, Cowan DH: Studies on the pathogenesis of alcohol-induced sideroblastic bone-marrow abnormalities. New Eng J Med 283:441-6, 27 Aug 70  
ADULT/ ALCOHOL, ETHYL, administration & dosage/ \*ALCOHOLISM, complications/  
ANEMIA, SIDEROBLASTIC, drug therapy/  
\*ANEMIA, SIDEROBLASTIC, etiology/  
ANEMIA, SIDEROBLASTIC, metabolism/  
\*BONE MARROW, pathology/ BONE MARROW  
EXAMINATION/ ERYTHROCYTES,  
metabolism/ FOLIC ACID, metabolism/ FOLIC  
ACID, therapeutic use/ FOLIC ACID  
DEFICIENCY, etiology/ HEMATOCRIT/  
HUMAN/ HYPOKALEMIA, etiology/ IRON,  
blood/ LIVER FUNCTION TESTS/  
MAGNESIUM, blood/ MALE/ MIDDLE AGE/  
POTASSIUM, blood/ PYRIDOXAL  
PHOSPHATE, blood/ PYRIDOXAL  
PHOSPHATE, therapeutic use/ PYRIDOXINE,  
metabolism/ PYRIDOXINE, therapeutic use/  
THROMBOPENIA, etiology
2600. Hirai KI: Light microscopic study of the peroxidatic activity of catalase in formaldehyde-fixed rat liver. J Histochem Cytochem 17:585-90, Sep 69  
ANIMAL EXPERIMENTS/ \*CATALASE,  
analysis/ CYTOPLASMIC GRANULES,  
enzymology/ FORMALDEHYDE/ HEAT/  
\*HYDROGEN PEROXIDE, metabolism/ \*LIVER,  
enzymology/ MICROSCOPY/ RATS/ STAINS  
AND STAINING/ TRYPSIN/ UREA
2601. Hirasawa S, Karaki T: [Statistical analysis of tumors of the hand]  
Orthop Surg (Tokyo) 20:1393-5, Nov 69 (Jap)  
ADOLESCENCE/ ADULT/ BONE NEOPLASMS,  
occurrence/ CHONDROMA, occurrence/  
FEMALE/ GIANT CELL TUMORS, occurrence/  
\*HAND/ HEMANGIOMA, occurrence/ HUMAN/  
JAPAN/ MALE/ \*NEOPLASMS, CONNECTIVE  
TISSUE, occurrence/ SEX FACTORS
2602. Hirayama C, Hiroshige K, Masuya T: Hepatic collagenolytic activity in rats after carbon tetrachloride poisoning. Biochem J 115:843-7, Dec 69  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ \*CARBON TETRACHLORIDE  
POISONING, enzymology/ \*COLLAGEN,  
metabolism/ HYDROXYPROLINE, analysis/  
LIVER, analysis/ \*LIVER, enzymology/ MALE/  
PEPTIDE HYDROLASES, analysis/ PROLINE,  
metabolism/ RATS
2603. Hirohata K: [Electron microscopic studies on the joint tissues under normal and pathologic conditions. 2. Pathologic joint tissues. (3d report)]  
J Jap Orthop Ass 44:47-66, Jan 70 (Jap)  
\*ARTHRITIS, JUVENILE RHEUMATOID,  
pathology/ ARTHRITIS, RHEUMATOID,  
pathology/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ HUMAN/ LYSOSOMES/  
MICROSCOPY, ELECTRON/ \*SYNOVIAL  
MEMBRANE, pathology/ \*TENDONS,  
PARA-ARTICULAR, pathology/ TRYPSIN
2604. Hirsch RL, Brodheim E, Ginsberg FE: A computer-based blood inventory and information system for hospital blood banks as part of a regional blood-management program.  
Transfusion 10:194-202, Jul-Aug 70  
\*BLOOD BANKS/ BLOOD PRESERVATION/  
BLOOD TRANSFUSION/ COMPUTERS,  
DIGITAL/ \*INFORMATION RETRIEVAL  
SYSTEMS
2605. Hirschman RJ, Itscoitz SB, Shulman NR: Prophylactic treatment of factor VIII deficiency.  
Blood 35:189-94, Feb 70  
ADULT/ BLOOD COAGULATION TESTS/  
CHILD/ FACTOR VIII, adverse effects/  
\*FACTOR VIII, therapeutic use/  
HEMARTHROSIS, complications/ HEMOPHILIA,  
complications/ \*HEMOPHILIA, drug therapy/  
\*HEMORRHAGE, prevention & control/  
HUMAN/ MALE/ TWINS/ VON  
WILLEBRAND'S DISEASE, complications
2606. Hirsh J, Cade JF, O'Sullivan EF: Clinical experience with anticoagulant therapy during pregnancy.  
Brit Med J 1:270-3, 31 Jan 70  
ADOLESCENCE/ ADULT/ FEMALE/ FETAL  
DISEASES, prevention & control/ FETUS,  
drug effects/ HEART VALVE PROSTHESIS/  
HEMORRHAGE, prevention & control/  
HEPARIN, adverse effects/ \*HEPARIN,  
therapeutic use/ HUMAN/ HYPERTENSION,  
PULMONARY, complications/ INFANT,  
NEWBORN/ MITRAL VALVE STENOSIS,  
complications/ MITRAL VALVE STENOSIS,  
drug therapy/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR, drug  
therapy/ PULMONARY EMBOLISM, drug  
therapy/ THROMBOPHLEBITIS, drug therapy/  
WARFARIN, adverse effects/ \*WARFARIN,  
therapeutic use
2607. Hirsh J, O'Sullivan EF, Martin M: Evaluation of a standard dosage schedule with streptokinase.  
Blood 35:341-9, Mar 70  
ANTIGENS/ BLOOD COAGULATION TESTS/  
FIBRINOLYSIS, drug effects/ HUMAN/  
MYOCARDIAL INFARCT, drug therapy/  
PREDNISOLONE, therapeutic use/  
PULMONARY EMBOLISM, drug therapy/  
RETINAL VESSELS/ \*STREPTOKINASE,  
administration & dosage/  
\*THROMBOEMBOLISM, drug therapy/  
THROMBOPHLEBITIS, drug therapy
2608. Hirsh J, O'Sullivan EF, Gallus AS, et al: Evaluation of subcutaneous calcium heparin therapy in the treatment of thrombo-embolic disease.  
Med J Aust 1:15-7, 3 Jan 70  
BLOOD COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ CALCIUM/ FEMALE/  
\*HEPARIN, therapeutic use/ HUMAN/  
INJECTIONS, SUBCUTANEOUS/ MALE/  
PREGNANCY/ \*THROMBOEMBOLISM, drug  
therapy
2609. Hirsh J, O'Sullivan EF, Gallus AS, et al: Arterial thrombosis in a patient with chronic thrombocytopenia. Successful treatment with intra-arterial infusion of streptokinase.  
Med J Aust 2:1304-6, 27 Dec 69  
ANGIOGRAPHY/ CASE REPORT/ CHRONIC  
DISEASE/ FEMORAL ARTERY/ HUMAN/  
INJECTIONS, INTRA-ARTERIAL/ MALE/  
MIDDLE AGE/ \*STREPTOKINASE, therapeutic  
use/ \*THROMBOPENIA, complications/  
\*THROMBOSIS, drug therapy/ \*THROMBOSIS,  
etiology
2610. Hirsóvá D, Koldovský O: On the question of the absorption of insulin from the gastrointestinal tract during postnatal development.  
Physiol Bohemoslov 18:281-4, 1969  
ANIMAL EXPERIMENTS/ \*GROWTH/  
HYPOGLYCEMIA, chemically induced/ ILEUM,  
metabolism/ \*INSULIN, metabolism/  
\*INTESTINAL ABSORPTION/ JEJUNUM,  
metabolism/ PEPTIDE HYDROLASES,  
metabolism/ RATS
2611. Hisazumi H: Studies on the fibrinolytic activity in human semen studied by gel filtration.  
Invest Urol 7:410-21, Mar 70  
AMINOCAPROIC ACID, pharmacodynamics/  
ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ BILE/ BLOOD PROTEIN  
ELECTROPHORESIS/ CASEIN, metabolism/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/ ELECTROPHORESIS/  
FEMALE/ \*FIBRINOLYSIS, drug effects/  
\*GEL FILTRATION/ HUMAN/



## AUTHOR SECTION

- HYDROGEN-ION CONCENTRATION/ MALE/  
PEPTIDE HYDROLASES, metabolism/  
PLASMINOGEN, metabolism/ RABBITS/  
\*SEMEN, analysis/ SEMEN, drug effects/  
SEMEN, enzymology/ SEMEN, metabolism
2612. Hishida H: IRBBB pattern after incising a subdivision of the right bundle branch.  
Jap Heart J 10:350-62, Jul 69  
ANIMAL EXPERIMENTS/ \*BUNDLE-BRANCH BLOCK, etiology/ DOGS/  
\*ELECTROCARDIOGRAPHY/  
ELECTROENCEPHALOGRAPHY/ \*HEART CONDUCTION SYSTEM, physiology/ HEART CONDUCTION SYSTEM, surgery/ HEPARIN/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ METHODS/  
\*VECTORCARDIOGRAPHY
2613. Hiss RG, Penner JA: The before and after of blood clotting. Med Clin N Amer 53:1321-30, Nov 69  
AFIBRINOGENEMIA/ ANTICOAGULANTS, pharmacodynamics/ \*BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION TESTS/ CAPILLARY FRAGILITY/ FIBRINOLYSIS/ HEMOPHILIA, etiology/ \*HEMOSTASIS/ HEMOSTATICS, pharmacodynamics/ HUMAN/ THROMBOPENIA, etiology/ VASCULAR RESISTANCE
2614. Hiss RG, Penner JA: The before and after of blood clotting. Med Clin N Amer 53:1309-20, Nov 69  
AFIBRINOGENEMIA/ ANTICOAGULANTS, pharmacodynamics/ \*BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION TESTS/ CAPILLARY FRAGILITY/ FIBRINOLYSIS/ HEMOPHILIA, etiology/ \*HEMOSTASIS/ HEMOSTATICS, pharmacodynamics/ HUMAN/ THROMBOPENIA, etiology/ VASCULAR RESISTANCE
2615. Hitzig WH: Therapie des Waterhouse-Friderichsen-Syndroms.  
Deutsch Med Wschr 95:642-3, 20 Mar 70 (Ger)  
ADRENAL CORTEX HORMONES, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BLOOD TRANSFUSION/ HUMAN/ NOREPINEPHRINE, administration & dosage/ PENICILLIN, therapeutic use/ PROTHROMBIN TIME/ WATER-ELECTROLYTE BALANCE/  
\*WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy
2616. Hixson HF Jr, Laskowski M Jr: Evidence that cocoonase and trypsin interact with soybean trypsin inhibitor at the same reactive site.  
Biochemistry (Wash) 9:166-70, 6 Jan 70  
AMINO ACIDS, analysis/ BINDING SITES/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ \*PLANTS, enzymology/ SOY BEANS/ \*TRYPSIN INHIBITORS
2617. Hixson HF Jr, Laskowski M Jr: Formation from trypsin and modified soybean trypsin inhibitor of a complex which upon kinetic control dissociation yields trypsin and virgin inhibitor. J Biol Chem 245:2027-35, 25 Apr 70  
ARGININE/ BINDING SITES/ CHEMISTRY/ ELECTROPHORESIS, DISK/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE/ KINETICS/ KINETICS, instrumentation/ SOY BEANS/ \*TRYPSIN/ \*TRYPSIN INHIBITORS/ ULTRAVIOLET RAYS
2618. Hizawa K, Kishino Y: [Diffuse cavernous hemangioma (differentiated hemangiosarcoma?) of the spleen with multiple visceral foci]  
Jap J Cancer Clin 15:831-7, Sep 69 (Jap)  
ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ BONE MARROW, pathology/ BONE NEOPLASMS, pathology/ \*HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ KIDNEY NEOPLASMS, pathology/ LIVER NEOPLASMS, pathology/ LUNG NEOPLASMS, pathology/ MALE/ NEOPLASM METASTASIS/ SPLENECTOMY/ \*SPLENIC NEOPLASMS, pathology
2619. Hjortdal O: The fate of resorbable hemostatic implants in rats. Acta Odont Scand 28:323-36, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD/ \*CONNECTIVE TISSUE, drug effects/ CONNECTIVE TISSUE, metabolism/ FILTRATION/ \*HEMOSTATICS, pharmacodynamics/ LEUKOCYTOSIS/ PERITONEAL CAVITY, surgery/ RATS/ SKIN, surgery/ SUPPURATION
2620. Hladovec J: Über den Einfluss der Antifibrinolytika auf die Thrombozytenaggregation in vitro und in vivo. Folia Haemat (Leipzig) 92:524-8, 1969 (Ger)  
ADENINE NUCLEOTIDES, metabolism/ AMINOBENZOIC ACID, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ CITRATES, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PHOTOMETRY/ PLATELET ADHESIVENESS, drug effects/ RATS
2621. Hnilica LS, Kappler HA, Jordan JJ: Assymetry in the distribution of basic amino acid residues in the moderately lysine-rich histone F2b from calf thymus. Experientia 26:353-5, 15 Apr 70  
\*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CYANIDES/ GEL FILTRATION/ \*HISTONES, analysis/ HYDROCHLORIC ACID/ LYSINE/ PEPTIDES, analysis/ \*THYMUS GLAND, analysis/ TRYPSIN
2622. Ho IK, Ellman GL: Triton solubilized acetylcholinesterase of brain.  
J Neurochem 16:1505-13, Nov 69  
\*ACETYLCHOLINESTERASE, isolation & purification/ ANIMAL EXPERIMENTS/ \*BRAIN, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ RATS/ SOLUBILITY/ SPECTROPHOTOMETRY/ \*SURFACE-ACTIVE AGENTS/ VENOMS
2623. Hochstrasser K, Ilchmann K, Werle E: Über pflanzliche Proteaseninhibitoren. VII. Die Aminosäuresequenz des spezifischen Trypsininhibitors aus Maissamen, Charakterisierung als Polymeres.  
Hoppe Seyler Z Physiol Chem 351:721-8, Jun 70 (Ger)  
\*AMINO ACID SEQUENCE/ CHROMATOGRAPHY, ION EXCHANGE/ \*CORN, analysis/ ENGLISH ABSTRACT/ \*PEPTIDES, analysis/ SEEDS/ \*TRYPSIN INHIBITORS, analysis
2624. Hochuli E, Schneider D, Frey P: Zur generellen postoperativen Thromboseprophylaxe mit Antikoagulantien.  
Zbl Gynaek 91:1211-8, 13 Sep 69 (Ger)  
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ \*ANTICOAGULANTS, therapeutic use/ CESAREAN SECTION/ COUMARINS, therapeutic use/ FEMALE/ GYNECOLOGIC DISEASES, surgery/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ HYSTERECTOMY/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ PULMONARY EMBOLISM, prevention & control/ STERILIZATION, SEXUAL/ THROMBOEMBOLISM, mortality/ \*THROMBOEMBOLISM, prevention & control/ TIME FACTORS
2625. Hocking DR: Acquired coagulation-factor deficiencies. Med J Aust 1:657-9, 28 Mar 70  
AGED/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION DISORDERS, chemically induced/ \*BLOOD COAGULATION



# AUTHOR SECTION

- DISORDERS, etiology/ BLOOD COAGULATION  
DISORDERS, immunology/ \*FACTOR VIII,  
antagonists & inhibitors/ \*FACTOR IX,  
antagonists & inhibitors/ HUMAN/ MALE/  
MIDDLE AGE
2626. Hodam RP: The risk of splenectomy. A review of 310 cases. *Amer J Surg* 119:709-13, Jun 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, surgery/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ HUMAN/ INFANT/  
LEUKEMIA, surgery/ LYMPHOMA, surgery/  
MALE/ MIDDLE AGE/ \*POSTOPERATIVE  
COMPLICATIONS/ SPHEROCYTOSIS,  
HEREDITARY, surgery/ \*SPLENECTOMY/  
SPLENECTOMY, mortality/ SPLENOMEGALY,  
surgery/ THALASSEMIA, surgery/  
THROMBOPENIA, surgery
2627. Hodge RL, Lowe RD, Vane JR: The role of circulating catecholamines in arterial baroreceptor reflexes in the dog and in man. *Clin Sci* 37:69-77, Aug 69  
ADULT/ AGED/ ANIMAL EXPERIMENTS/  
\*ARTERIES, physiology/ BIOLOGICAL ASSAY/  
BLOOD PRESSURE/ CAROTID ARTERIES/  
CHICKENS/ DOGS/ \*EPINEPHRINE, blood/  
FEMALE/ HEMOSTASIS/ HUMAN/ MALE/  
\*NOREPINEPHRINE, blood/ POSTURE/  
\*PRESSORECEPTORS, physiology/ \*REFLEX/  
SECRETORY RATE
2628. Hodgson CF, Mc Vey EB, Spikes JD: The effect of oxygen concentration on the quantum yields of the dye-sensitized photoinactivation of trypsin, alpha-chymotrypsin and lysozyme. *Experientia* 25:1021-2, 15 Oct 69  
\*BROMINE/ \*CHYMOTRYPSIN, radiation effects/ \*FLUORESCINS/ \*FMN/ \*LIGHT/  
\*METHYLENE BLUE/ \*MURAMIDASE,  
radiation effects/ \*OXYGEN/ RADIATION  
EFFECTS/ RADIOCHEMISTRY/ \*TRYPSIN,  
radiation effects
2629. Hoeflmayr J, Fried R: Die Eisenbestimmung in frischen und gelagerten Seren. *Z Klin Chem* 7:200, Mar 69 (Ger)  
BLOOD PRESERVATION/ \*IRON, blood
2630. Hoepfinger LM, Mertz ET: Studies on plasminogen. VII. Mechanism of activation of bovine plasminogen. *Canad J Biochem* 47:909-15, Oct 69  
ANIMAL EXPERIMENTS/ CATTLE/  
CHEMISTRY/ ELECTROPHORESIS/ ENZYME  
ACTIVATION/ FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS/ GEL FILTRATION/  
INDICATORS AND REAGENTS/ MOLECULAR  
WEIGHT/ PEPTIDE HYDROLASES/  
\*PEPTIDES/ \*PLASMINOGEN/ SULFIDES/  
UREA
2631. Höfer R, Kühböck J: Spätergebnisse der Radiophosphor-Therapie der Polycythaemia vera. *Blut* 20:237-41, Apr 70 (Ger)  
BLOOD PLATELETS/ ERYTHROCYTE  
COUNT/ HUMAN/ LEUKEMIA, complications/  
LEUKOCYTE COUNT/ \*PHOSPHORUS  
ISOTOPES, therapeutic use/ POLYCYTHEMIA  
VERA, complications/ \*POLYCYTHEMIA  
VERA, radiotherapy/ PROGNOSIS
2632. Hoferichter J: Die Wirkung von Proteinaseinaktivatoren bei akuten Pankreaserkrankungen. *Langenbecks Arch Chir* 325:347-51, 1969 (Ger)  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
AUTOPSY/ CHOLECYSTECTOMY/ ENGLISH  
ABSTRACT/ GASTRECTOMY/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ NECROSIS, drug therapy/  
PANCREATECTOMY/ \*PANCREATIC  
DISEASES, drug therapy/ PANCREATITIS,  
drug therapy/ POSTOPERATIVE  
COMPLICATIONS, drug therapy
2633. Hoffman DR, Campbell DH: Model systems for the study of drug hypersensitivity. I. The specificity of the rabbit anti-aspirin system. *J Immun* 103:855-61, Oct 69  
ACRYLATES/ AMINOCAPROIC ACID/  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
\*ASPIRIN/ BINDING SITES/ CARBON  
ISOTOPES/ \*DRUG HYPERSENSITIVITY/ GEL  
DIFFUSION TESTS/ HAPTENS/ LYSINE/  
\*MODELS, BIOLOGIC/ PASSIVE CUTANEOUS  
ANAPHYLAXIS/ PRECIPITIN TESTS/  
RABBITS/ SERUM ALBUMIN, BOVINE
2634. Hoffman H: Immunology of nerve growth factor (NGF). The effect of NGF-antiserum on sensory ganglia in vitro. *J Embryol Exp Morph* 23:273-87, Apr 70  
ANIMAL EXPERIMENTS/ CELL MOVEMENT/  
CHICK EMBRYO/ CULTURE MEDIA/  
\*GANGLIA, drug effects/ GANGLIA, growth & development/ \*GROWTH SUBSTANCES/  
HEPARIN, pharmacodynamics/ \*IMMUNE  
SERUMS, pharmacodynamics/ IN VITRO/  
NERVE GROWTH FACTOR/ NERVE GROWTH  
FACTOR, pharmacodynamics/ \*NERVE  
TISSUE, immunology/ PLASMA/ RABBITS/  
TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics
2635. Hoffmann A, Körbs E: Untersuchungen über den Energiestoffwechsel menschlicher Blutplättchen. *Folia Haemat (Leipzig)* 92:510-7, 1969 (Ger)  
ANTIMYCIN A, pharmacodynamics/ \*BLOOD  
PLATELETS, metabolism/ CYANATES,  
pharmacodynamics/ GLYCOLYSIS/ HUMAN/  
IODOACETATES, pharmacodynamics/  
OLIGOMYCIN, pharmacodynamics/ \*OXYGEN  
CONSUMPTION/ POTASSIUM,  
pharmacodynamics/ TETRAZOLIUM SALTS,  
metabolism
2636. Hoffmann B, Fiedoruk-Popławska T, Niewiarowski S et al: Zaburzenia hemostatycznej funkcji krwinek płytkowych w doświadczalnej rzekostkowicy i awitaminozie C u świnek morskich. *Wlad Parazyt* 15:343-6, 1969 (Pol)  
ANIMAL EXPERIMENTS/ \*ASCORBIC ACID  
DEFICIENCY, etiology/ BLOOD PLATELET  
DISORDERS/ \*BLOOD PLATELETS,  
physiopathology/ ENGLISH ABSTRACT/  
FEMALE/ GUINEA PIGS/ \*TRICHOMONAS  
INFECTIONS, physiopathology
2637. Hofmann F, Thomas K: Erfahrungen bei der Herstellung und analytischen Kontrolle der Plasmafraktion I nach Cohn. *Folia Haemat (Leipzig)* 93:316-9, 1970 (Ger)  
BLOOD TRANSFUSION/ \*FACTOR VIII,  
analysis/ FACTOR VIII, isolation &  
purification/ FIBRINOGEN, analysis/ HUMAN/  
PLASMA/ \*PLASMA, analysis
2638. Hofmann T: Amino-terminal groups in zymogen activation: effect of nitrous acid on pepsin. *Canad J Biochem* 47:1099-101, Dec 69  
AMINO ACIDS, analysis/ \*BIOCHEMISTRY/  
CASEIN/ ENZYME ACTIVATION/ \*ENZYME  
PRECURSORS/ ISOLEUCINE/ LYSINE/  
\*NITRITES/ \*PEPSIN/ PEPSIN, analysis/  
PEPTIDE PEPTIDOHYDROLASES/ SERINE/  
TRYPTOPHAN
2639. Hofmeier G, López-Tello CS: Erfahrungen mit der freien Vollhaut-Transplantation. *Bruns Beitr Klin Chir* 217:232-40, May 69 (Ger)  
ADULT/ AGED/ BURNS, complications/  
CARCINOMA, BASAL CELL, surgery/ CHILD  
CHILD, PRESCHOOL/ CICATRIX, surgery/  
ENGLISH ABSTRACT/ FACIAL NEOPLASMS,  
surgery/ FEMALE/ HEMANGIOMA, surgery/  
HUMAN/ INFANT/ MALE/ METHODS/  
RADIATION INJURY, surgery/ SCALP,  
surgery/ \*SKIN, transplantation/ SURGERY,  
PLASTIC/ TRANSPLANTATION,  
AUTOLOGOUS/ ULCER, surgery/ WOUND  
HEALING
2640. Hofstad T: Biological activities of endotoxin from *Bacteroides melanogenicus*. *Arch Oral Biol* 15:343-8, Apr 70  
ANIMAL EXPERIMENTS/ \*BACTEROIDES/  
CELL MOVEMENT, drug effects/  
\*ENDOTOXINS, toxicity/ FEMALE/  
LEUKOCYTES, drug effects/  
LIPOPOLYSACCHARIDES, toxicity/ MALE/  
MICE/ RABBITS/ SALMONELLA TYPHOSA/



## AUTHOR SECTION

- SHWARTZMAN PHENOMENON/  
STREPTOCOCCAL INFECTIONS/  
STREPTOCOCCUS PYOGENES
641. Hofstad T, Selvig KA: Ultrastructure of an anaerobic filamentous oral micro-organism.  
J Gen Microbiol 57:221-5, Aug 69  
AIR/ \*BACTERIA, cytology/ CELL  
MEMBRANE/ CELL WALL/ CYTOPLASM/  
HUMAN/ LEPTOTHRIX, cytology/  
MICROSCOPY, ELECTRON/ \*MOUTH,  
microbiology/ TRYPSIN
642. Högman C: Nationellt och internationellt samarbete vid transfusion med sällsynt blod.  
Läkartidningen 67:2741-3, 10 Jun 70 (Swe)  
\*BLOOD BANKS/ BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION,  
supply & distribution/ COMPUTERS/  
ENGLISH ABSTRACT/ HUMAN/  
INTERNATIONAL COOPERATION/  
ORGANIZATION AND ADMINISTRATION
643. Högman CF: Einführung und Anwendung der Datentechnik bei der Registrierung im Blutspendedienst. Bibl Haemat 32:165-9, 1969 (Ger)  
\*BLOOD BANKS/ \*BLOOD DONORS/ BLOOD  
PRESERVATION/ INFORMATION RETRIEVAL  
SYSTEMS/ PUNCHED-CARD SYSTEMS/  
\*RECORDS
644. Hoigné R, Müller U, Schneider HR: Bactrim Roche, ein Kombinationspräparat von Sulfamethoxazol und Trimethoprim.  
Schweiz Med Wschr 99:1511-8, 18 Oct 69 (Ger)  
DERMATITIS MEDICAMENTOSA, etiology/  
DRUG SYNERGISM/ ENGLISH ABSTRACT/  
ENTERITIS, drug therapy/ ESCHERICHIA  
COLI, drug effects/ FOLIC ACID  
ANTAGONISTS, adverse effects/ \*FOLIC  
ACID ANTAGONISTS, therapeutic use/  
HUMAN/ KLEBSIELLA, drug effects/  
LEUKOPENIA, chemically induced/ NAUSEA,  
chemically induced/ PROTEUS, drug effects/  
PYRIMIDINES, adverse effects/  
\*PYRIMIDINES, therapeutic use/  
RESPIRATORY TRACT INFECTIONS, drug  
therapy/ SULFAMETHOXAZOLE, adverse  
effects/ SULFAMETHOXAZOLE,  
pharmacodynamics/ \*SULFAMETHOXAZOLE,  
therapeutic use/ THROMBOPENIA, chemically  
induced/ \*URINARY TRACT INFECTIONS,  
drug therapy
645. Holcenberg JS, Bidgood M, Dixon RL: Studies of the possible therapeutic interaction between cyclamate and warfarin. Curr Ther Res 11:577-84, Sep 69  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ HUMAN/ IN VITRO/ \*PROTEIN  
BINDING/ PROTHROMBIN TIME/ RATS/  
SUCROSE/ SWEETENING AGENTS, blood/  
\*SWEETENING AGENTS, pharmacodynamics/  
WARFARIN, blood/ \*WARFARIN,  
pharmacodynamics
646. Holcenberg JS, Veltkamp JJ: Drug therapy. V. Oral anticoagulant therapy.  
Northwest Med 69:421-4, Jun 70  
ADMINISTRATION, ORAL/  
\*ANTICOAGULANTS, administration & dosage/  
BISHYDROXYCOUMARIN, administration &  
dosage/ BISHYDROXYCOUMARIN, adverse  
effects/ HUMAN/ PROTHROMBIN TIME/  
THROMBOPHLEBITIS, drug therapy/  
WARFARIN, administration & dosage/  
WARFARIN, adverse effects
647. Holden KR, Alexander F: Diffuse neonatal hemangiomatosis. Pediatrics 46:411-21, Sep 70  
BRAIN NEOPLASMS, congenital/ EYE  
NEOPLASMS, congenital/ FACIAL  
NEOPLASMS, congenital/ FEMALE/ FETAL  
DISEASES, etiology/ GASTROINTESTINAL  
NEOPLASMS, congenital/ HAMARTOMA,  
classification/ HEART NEOPLASMS,  
congenital/ HEMANGIOMA, classification/  
HEMANGIOMA, complications/  
HEMANGIOMA, congenital/ HEMANGIOMA,  
drug therapy/ HUMAN/ HYDROCEPHALUS,  
etiology/ INFANT, NEWBORN/ \*INFANT,  
NEWBORN, DISEASES/ INFANT, NEWBORN,  
DISEASES, complications/ KIDNEY  
NEOPLASMS, congenital/ LIP NEOPLASMS,  
congenital/ LIVER NEOPLASMS, congenital/  
LUNG NEOPLASMS, congenital/ MALE/  
NEOPLASMS, MULTIPLE PRIMARY,  
classification/ NEOPLASMS, MULTIPLE  
PRIMARY, complications/ \*NEOPLASMS,  
MULTIPLE PRIMARY, congenital/  
NEOPLASMS, MULTIPLE PRIMARY, drug  
therapy/ STEROIDS, therapeutic use/  
THROMBOPENIA, etiology/ TONGUE  
NEOPLASMS, congenital
2648. Holdom RS, Johnstone KI: Effect of the method of presentation of the medium on the germination and growth of single spores of *Bacillus subtilis*.  
J Appl Bact 33:256-61, Mar 70  
AGAR/ \*BACILLUS SUBTILIS, growth &  
development/ \*CULTURE MEDIA/ GELS/  
GLUCOSE/ \*HEAT/ MICROMANIPULATION/  
MICROSCOPY, PHASE CONTRAST/  
PEPTONES/ SOY BEANS/ \*SPORES, growth  
& development/ TRYPSIN
2649. Holdrinet A, Ewals M, Reichert WJ, et al: Mathematical correlation between ADP-induced platelet aggregation and subsequent disaggregation. A parameter for the velocity of disaggregation.  
Scand J Haemat 6:354-64, 1969  
ADENINE NUCLEOTIDES, pharmacodynamics/  
BLOOD CELL COUNT/ \*BLOOD PLATELETS,  
drug effects/ DENSITOMETRY/ HUMAN/  
MATHEMATICS/ PLATELET ADHESIVENESS,  
drug effects/ UREMIA, blood/ VON  
WILLEBRAND'S DISEASE, blood
2650. Holemans R, Mlynarczyk EJ, Silver MJ: Enhancement of fibrinolysis and blood clotting: role of microvascular changes.  
Med Exp (Basel) 18:299-307, 1968  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ DEPRESSION,  
CHEMICAL/ DOGS/ \*FIBRINOLYSIS, drug  
effects/ INJECTIONS, INTRAVENOUS/  
MONKEYS/ STIMULATION, CHEMICAL/  
THROMBELASTOGRAPHY/  
\*VASOCONSTRICTOR AGENTS,  
pharmacodynamics/ \*VASODILATOR AGENTS,  
pharmacodynamics
2651. Holland JA: Discussion of disseminated intravascular coagulation in decompression sickness. SMRL Report No. 585.  
US Naval Submar Med Cent 1-12, 20 Jun 69 (124 ref.)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, complications/  
CATS/ DECOMPRESSION SICKNESS, drug  
therapy/ \*DECOMPRESSION SICKNESS,  
etiology/ DECOMPRESSION SICKNESS,  
history/ DEXTRAN, therapeutic use/ DOGS/  
HISTORICAL ARTICLE/ HISTORY OF  
MEDICINE, 17TH CENT./ HISTORY OF  
MEDICINE, 18TH CENT./ HISTORY OF  
MEDICINE, 19TH CENT./ HISTORY OF  
MEDICINE, 20TH CENT./ HUMAN/ MICE/  
RABBITS/ RATS/ REVIEW/ SHOCK,  
complications
2652. Hollard D, Benabid Y, Laurent M, et al: Hyperfibrinogenemia after ECIB in calves.  
Brit J Haemat 17:413, Oct 69  
ANIMAL EXPERIMENTS/ \*BLOOD, radiation  
effects/ CATTLE/ COBALT ISOTOPES/  
\*EXTRACORPOREAL CIRCULATION/  
\*FIBRINOGEN, analysis/ GAMMA GLOBULIN,  
analysis/ \*RADIATION EFFECTS/  
THROMBOPLASTIN
2653. Holleman WH, Coen LJ: Characterization of peptides released from human fibrinogen by Arvin.  
Biochim Biophys Acta 200:587-9, 31 Mar 70  
AMINO ACIDS, analysis/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ \*FIBRINOGEN/ HUMAN/  
\*PEPTIDE HYDROLASES/ \*PEPTIDES/  
PEPTIDES, analysis/ SNAKES/ VENOMS
2654. Hollender A: A simple method for concentrating serum by freezing and thawing.



# AUTHOR SECTION

- Scand J Clin Lab Invest 25:63-4, Jan 70  
\*BLOOD PRESERVATION/ FREEZING/  
HUMAN/ METHODS/ REFRIGERATION
2655. Holm BJ: Inhibition of deoxyribonuclease activity in synchronized *Tetrahymena*.  
J Protozool 16:655-9, Nov 69  
ACIDS/ ACRYLIC RESINS, pharmacodynamics/  
AMINES, pharmacodynamics/ AMINO ACIDS,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
CELL DIVISION/ \*DEOXYRIBONUCLEASE,  
antagonists & inhibitors/ DNA, analysis/  
DNA, metabolism/ LYSINE/ MITOMYCIN,  
pharmacodynamics/ \*POLYMERS,  
pharmacodynamics/ PROTAMINES,  
pharmacodynamics/ PUROMYCIN,  
pharmacodynamics/ QUININE/  
SPECTROPHOTOMETRY/ \*TETRAHYMENA,  
enzymology
2656. Holm HH: Ultralydscanning til diagnostik af sygdomme i øvre del af abdomen.  
Ugeskr Laeg 131:2287-97, 25 Dec 69 (Dan)  
\*ABDOMEN, pathology/ ADOLESCENCE/  
ADULT/ AGED/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ HEMATOMA, diagnosis/ HUMAN/  
KIDNEY DISEASES, diagnosis/ LIVER  
DISEASES, diagnosis/ MALE/ MIDDLE AGE/  
NEOPLASMS, diagnosis/ \*ULTRASONICS,  
diagnostic use/ ULTRASONICS,  
instrumentation
2657. Holm SE, Halbert SP, Lin TM, et al: Cardiac auto-antibodies. II. Characterization, partial purification and attempted identification of the rabbit heart auto-antigens.  
Int Arch Allerg 38:130-49, 1970  
ACID PHOSPHATASE, analysis/  
AMINOPEPTIDASES, analysis/ ANIMAL  
EXPERIMENTS/ \*ANTIGENS, analysis/  
ANTIGENS, isolation & purification/  
\*AUTOANTIBODIES, analysis/  
CHROMATOGRAPHY/ CYSTEINE/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
ESTERASES, analysis/ GEL DIFFUSION  
TESTS/ GLUCOSIDASE, analysis/  
GLUCURONIDASE, analysis/ \*HEART,  
immunology/ HYDROGEN-ION  
CONCENTRATION/ LACTATE  
DEHYDROGENASE, analysis/ MUSCLE  
PROTEINS, analysis/ PAPAINE,  
pharmacodynamics/ PEP SIN,  
pharmacodynamics/ PEROXIDASES, analysis/  
RABBITS/ RIBONUCLEASE,  
pharmacodynamics/ TEMPERATURE/  
TRYPSIN, pharmacodynamics
2658. Holmberg L: Solitary mastocytoma.  
Acta Paediat Scand 59:558-64, Sep 70  
BLOOD COAGULATION TESTS/ FEMALE/  
FOOT/ FOREARM/ HISTAMINE, urine/  
HUMAN/ HYDROXYINDOLEACETIC ACID,  
urine/ INFANT/ MALE/ \*SARCOMA, MAST  
CELL/ SARCOMA, MAST CELL, urine/ \*SKIN  
NEOPLASMS/ SKIN NEOPLASMS, urine/  
THIGH
2659. Holmsen H, Day HJ, Pimentel M: Adenine nucleotide metabolism of blood platelets. V. Subcellular localization of some related enzymes.  
Biochim Biophys Acta 186:244-53, 1969  
ACID PHOSPHATASE, blood/ ADENINE/  
\*ADENINE NUCLEOTIDES, metabolism/  
AMINOHYDROLASES, blood/ \*BLOOD  
PLATELETS, enzymology/ CARBON  
ISOTOPES/ CELL MEMBRANE, enzymology/  
CENTRIFUGATION, DENSITY GRADIENT/  
CYTOCHROME OXIDASE, blood/  
GALACTOSIDASE, analysis/ GLUCURONIDASE,  
analysis/ HEXOKINASE, blood/ HUMAN/  
LACTATE DEHYDROGENASE, blood/  
MITOCHONDRIA, enzymology/  
PHOSPHOTRANSFERASES, blood/ PYRUVATE  
KINASE, blood/ SPECTROPHOTOMETRY/  
TRANSFERASES, blood
2660. Holmsen H, Day HJ, Storm E: Adenine nucleotide metabolism of blood platelets. VI. Subcellular localization of nucleotide pools with different functions in the platelet release reaction.  
Biochim Biophys Acta 186:254-66, 1969  
\*ADENINE NUCLEOTIDES, metabolism/  
BLOOD PLATELETS, drug effects/ \*BLOOD  
PLATELETS, metabolism/ CARBON  
ISOTOPES/ CELL MEMBRANE, metabolism/  
CENTRIFUGATION, DENSITY GRADIENT/  
COLLAGEN, pharmacodynamics/ CYTOPLASM,  
metabolism/ CYTOPLASMIC GRANULES/  
EDTA/ HUMAN/ MITOCHONDRIA,  
metabolism/ NUCLEOSIDES/ NUCLEOTIDES,  
biosynthesis/ PHOSPHORUS ISOTOPES/  
SEROTONIN, analysis/ THROMBIN,  
pharmacodynamics
2661. Holmsen H, Day HJ: The selectivity of the thrombin-induced platelet release reaction: subcellular localization of released and retained constituents. J Lab Clin Med 75:840-55, May 70  
ADENINE NUCLEOTIDES, blood/  
AMINOHYDROLASES, blood/ BLOOD  
PLATELETS, enzymology/ \*BLOOD  
PLATELETS, metabolism/ CATHEPSIN, blood/  
CELL MEMBRANE, metabolism/  
CYTOCHROME OXIDASE, blood/  
EXTRACELLULAR SPACE, enzymology/  
GALACTOSIDASE, blood/ GLUCURONIDASE,  
blood/ HEXOKINASE, blood/ HUMAN/  
HYDROLASES, blood/ IN VITRO/ LACTATE  
DEHYDROGENASE, blood/ LYSOSOMES,  
enzymology/ MITOCHONDRIA, enzymology/  
NUCLEOTIDASES, blood/  
PHOSPHOTRANSFERASES, blood/ PYRUVATE  
KINASE, blood/ SEROTONIN, blood/  
SULFATASES, blood/ \*THROMBIN,  
pharmacodynamics/ TRANSFERASES, blood
2662. Holmsen H, Day HJ, Stormorken H: The blood platelet release reaction. Scand J Haemat 3-26, 1969  
ACYLTRANSFERASES, secretion/ ADENINE  
NUCLEOTIDES, pharmacodynamics/  
ADENOSINE TRIPHOSPHATE, secretion/  
AMINOHYDROLASES, metabolism/ BLOOD  
COAGULATION FACTORS, secretion/ BLOOD  
PLATELETS, enzymology/ \*BLOOD  
PLATELETS, metabolism/ BLOOD  
PLATELETS, secretion/ CALCIUM,  
metabolism/ CATHEPSIN, secretion/ CELL  
MEMBRANE PERMEABILITY/ COLLAGEN,  
pharmacodynamics/ EXTRACELLULAR SPACE  
metabolism/ GALACTOSIDASE, secretion/  
GLUCURONIDASE, secretion/ HEMOSTASIS/  
HUMAN/ LATEX PARTICLES,  
pharmacodynamics/ MUCOPOLYSACCHARIDES  
secretion/ PHAGOCYTOSIS/ PHOSPHORUS  
ISOTOPES/ PLATELET ADHESIVENESS/  
POTASSIUM, secretion/ SEROTONIN,  
secretion/ THROMBIN, metabolism/  
THROMBOSIS, metabolism/ VENOMS,  
pharmacodynamics/ ZINC, secretion
2663. Holowiecki J: Studies on the use of human kidney tissue cultures for detection of cytotoxic properties human sera. Arch Immun Ther Exp 17:611-9, 1969  
ALBUMINS/ \*BLOOD/ \*COMPLEMENT/  
EMBRYO/ GLOMERULONEPHRITIS, etiology/  
GLOMERULONEPHRITIS, immunology/  
HUMAN/ \*KIDNEY, immunology/ KIDNEY,  
pathology/ KIDNEY TUBULES, pathology/  
PROTEIN HYDROLYSATES/ \*TISSUE  
CULTURE/ TRYPSIN
2664. Holsclaw DS, Grand RJ, Shwachman H: Massive hemoptysis in cystic fibrosis.  
J Pediatr 76:829-38, Jun 70  
BRONCHIECTASIS, complications/ CHILD/  
CHILD, PRESCHOOL/ \*CYSTIC FIBROSIS,  
complications/ FEMALE/ HEMATOCRIT/  
HEMOPTYSIS, diagnosis/ \*HEMOPTYSIS,  
etiology/ HEMOPTYSIS, mortality/  
HEMOPTYSIS, therapy/ HUMAN/ INFANT/  
LUNG, pathology/ MALE/ PROTHROMBIN  
TIME
2665. Holt HT: Carica papaya as ancillary therapy for athletic injuries. Curr Ther Res 11:621-4, Oct 69  
ADOLESCENCE/ ADULT/ \*ATHLETIC  
INJURIES, drug therapy/ HUMAN/ MALE/  
\*PEPTIDE HYDROLASES, therapeutic use/  
PLACEBOS/ PLANTS, MEDICINAL



# AUTHOR SECTION

2666. Holt JP: Flow through collapsible tubes and through in situ veins. IEEE Trans Biomed Engin 16:274-83, Oct 69  
ANIMAL EXPERIMENTS/ \*BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ MODELS, BIOLOGIC/ PULMONARY CIRCULATION/ VASCULAR RESISTANCE/ \*VEINS, physiology/ VENOUS PRESSURE
2667. Holt PJ, Holloway V, Raghupati N, et al: The effect of a fibrinolytic agent (Arvin) on wound healing and collagen formation. Clin Sci 38:9P, Feb 70  
ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ \*COLLAGEN, biosynthesis/ CONNECTIVE TISSUE, metabolism/ FIBRINOGEN/ SKIN, injuries/ SKIN, pathology/ \*VENOMS, pharmacodynamics/ \*WOUND HEALING, drug effects
2668. Holt PJ, Holloway V, Raghupati N, et al: Effect of a fibrinolytic agent (Arvin) on wound healing and collagen formation. Ann Rheum Dis 29:335-6, May 70  
ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ \*COLLAGEN, biosynthesis/ CONNECTIVE TISSUE, pathology/ RABBITS/ SKIN, injuries/ SKIN, pathology/ SNAKES/ \*VENOMS, pharmacodynamics/ \*WOUND HEALING, drug effects
2669. Holzknecht F: Die Verbrauchskoagulopathie. Deutsch Med Wschr 95:1277-8, 5 Jun 70 (Ger)  
AMINO BENZOIC ACID, therapeutic use/ AMINOCAPROIC ACID, therapeutic use/ \*BLOOD COAGULATION DISORDERS, drug therapy/ DEXTRAN, therapeutic use/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ \*HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MICROCIRCULATION/ THROMBELASTOGRAPHY/ THROMBOSIS, drug therapy
2670. Holzknecht F: Die Verbrauchskoagulopathie. Deutsch Med Wschr 95:1275-7, 5 Jun 70 (Ger)  
\*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DIAGNOSIS, DIFFERENTIAL/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ HUMAN/ PLASMINOGEN, analysis/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY
2671. Holzknecht F, Spöttl F, Constantini R, et al: Die fibrinolytisch bedingte Hämorrhagie in der Urologie. Urol Int 24:385-417, 1969 (122 ref.) (Ger)  
ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HEMATURIA, diagnosis/ \*HEMATURIA, etiology/ HEMATURIA, physiopathology/ HEMATURIA, therapy/ \*HEMORRHAGIC DIATHESIS, complications/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, physiopathology/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, etiology/ PROSTATIC HYPERTROPHY, surgery/ PROSTATIC NEOPLASMS, surgery/ REVIEW
2672. Holzknecht F, Spöttl F, Constantini R, et al: Platelet adhesion before and after venous occlusion. A comparison between normal subjects, patients with primary "carbohydrate-induced" hypertriglyceridemia and patients with arteriosclerotic vascular disease. Atherosclerosis 11:105-17, Jan-Feb 70  
ADOLESCENCE/ ADULT/ AGED/ \*ARTERIOSCLEROSIS, blood/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ CHOLESTEROL, blood/ HUMAN/ \*HYPERLIPIDEMIA, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ \*THROMBOPHLEBITIS, blood/ \*TRIGLYCERIDES, blood/ VEINS
2673. Hom FS, Miskel JJ: Oral dosage form design and its influence on dissolution rates for a series of drugs. J Pharm Sci 59:827-30, Jun 70  
ADMINISTRATION, ORAL/ BISHYDROXYCOUMARIN/ CAPSULES/ DIETHYLSTILBESTROL/ DIGITOXIN/ \*DOSAGE FORMS/ DRUG COMPOUNDING/ ETHINYL ESTRADIOL/ GASTRIC JUICE/ HYDROCORTISONE/ PHENOBARBITAL/ PHENYLBUTAZONE/ PROPYLTHIOURACIL/ RESERPINE/ \*SOLUBILITY/ SPECTROPHOTOMETRY/ SULFADIAZINE/ SURFACE-ACTIVE AGENTS/ TABLETS/ TIME FACTORS/ ULTRAVIOLET RAYS
2674. Homberg JC, Gerbal A, Bracq C, et al: Intérêt transfusionnel du système Kidd. Rev Franc Transfus 12:Suppl:113-22, 1969 (Fre)  
ADULT/ AGED/ ANAPHYLAXIS, etiology/ ANURIA, etiology/ \*BLOOD GROUP INCOMPATIBILITY/ \*BLOOD GROUPS/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ COOMBS' TEST/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ FEMALE/ GASTRECTOMY/ HUMAN/ ISOANTIBODIES, analysis/ MALE/ PREGNANCY/ STOMACH ULCER, therapy/ TRYPSIN, pharmacodynamics
2675. Homma N, Isoda S, Nishihara K: [Fecal bacterial flora in an infant without Bacterium bifidum--presence of Bacterium bifidus-inhibiting spherocytes] Acta Paediat Jap 73:374-80, 1 Mar 69 (Jap)  
BACTERIA, isolation & purification/ BLOOD COAGULATION TESTS/ ESCHERICHIA COLI, isolation & purification/ \*FECEs, microbiology/ FEMALE/ HUMAN/ INFANT, NEWBORN/ \*LACTOBACILLUS, isolation & purification/ MILK, HUMAN
2676. Honegger H: Das periorbitale Lidhämotom. Ein klinischer und experimenteller Beitrag zur Differentialdiagnose. Med Mschr 23:441-3, Oct 69 (Ger)  
ADULT/ DIAGNOSIS, DIFFERENTIAL/ \*EYELID DISEASES, diagnosis/ EYELIDS, anatomy & histology/ FORENSIC MEDICINE/ \*HEMATOMA, diagnosis/ HEMATOMA, etiology/ HUMAN/ MALE/ \*ORBIT, physiopathology/ SKULL FRACTURES, complications
2677. Honegger H: Beitrag zur Differentialdiagnose der Lidhämatoeme. Klin Mbl Augenhellk 155:68-71, Jul 69 (Ger)  
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ \*EYELID DISEASES, diagnosis/ FACIAL INJURIES, complications/ \*HEMATOMA, diagnosis/ HUMAN/ MALE/ SKIN, injuries/ SKULL FRACTURES, complications
2678. Hood CI: Cavernous hemangioma of the orbit. A consideration of pathogenesis with an illustrative case. Arch Ophthal (Chicago) 83:49-53, Jan 70  
AGED/ FEMALE/ HEMANGIOMA, CAVERNOUS, etiology/ \*HEMANGIOMA, CAVERNOUS, physiopathology/ HEMODYNAMICS/ HUMAN/ HYPERTHYROIDISM, complications/ ORBIT, surgery/ ORBITAL NEOPLASMS, etiology/ \*ORBITAL NEOPLASMS, physiopathology
2679. Hooja V, Sanyal SK, Agarwal KN, et al: Occult haemorrhagic diathesis in children with congenital heart disease. Indian Pediat 6:691-6, Nov 69  
\*BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ HEART DEFECTS, CONGENITAL, complications/ \*HEART DEFECTS, CONGENITAL, surgery/ \*HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ INFANT/ POSTOPERATIVE COMPLICATIONS, prevention & control
2680. Hoppe I: Zur Anwendung von Dimethylsulfoxid bei der Konservierung von Erythrozyten und teilungsfähigen Zellen. Bibl Haemat 32:217-21, 1969 (Ger)  
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ \*BLOOD PRESERVATION/ \*DIMETHYL SULFOXIDE, pharmacodynamics/ \*ERYTHROCYTES, drug effects/ MICE/



# AUTHOR SECTION

- SODIUM CHLORIDE/ SPLEEN, immunology/  
TIME FACTORS
2681. Hoppe W: Marcumarbehandlung und  
zahnärztlich-chirurgische Eingriffe.  
Zahnaerztl Welt 78:977-9, 10 Nov 69 (Ger)  
ANTICOAGULANTS/ \*COUMARINS,  
therapeutic use/ DRUG ANTAGONISM/  
HUMAN/ \*SURGERY, ORAL/ VITAMIN K,  
pharmacodynamics
2682. Hopsu-Havu VK, Ekfors TO: Distribution of a dipeptide  
naphthylamidase in rat tissues and its localisation by  
using diazo coupling and labeled antibody techniques.  
Histochemie 17:30-8, 1969  
ANIMAL EXPERIMENTS/ BRAIN, enzymology/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
DIAZONIUM COMPOUNDS/ DIPEPTIDES/  
FLUORESCENT ANTIBODY TECHNIC/ GEL  
DIFFUSION TESTS/ HISTOCYTOCHEMISTRY/  
KIDNEY, enzymology/ LIVER, enzymology/  
LUNG, enzymology/ MYOCARDIUM,  
enzymology/ NAPHTHALENES/ PANCREAS,  
enzymology/ \*PEPTIDE HYDROLASES,  
metabolism/ RATS/ SKIN, enzymology/  
SPLEEN, enzymology
2683. Hopsu-Havu VK, Ekfors TO: Identification in the rat  
skin and subcutaneous granuloma of an enzyme  
liberating N-terminal glycyl-proline from peptides.  
Arch Klin Exp Derm 235:301-7, 1969  
ANIMAL EXPERIMENTS/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
\*GRANULOMA, enzymology/ NEOPLASMS,  
EXPERIMENTAL, enzymology/ PEPTIDE  
HYDROLASES/ \*PEPTIDE HYDROLASES,  
analysis/ PEPTIDES/ \*PROLINE, analysis/  
RATS/ \*SKIN, enzymology/ \*SKIN  
NEOPLASMS, enzymology
2684. Hopsu-Havu VK, Jansén CT: Proteolytic enzymes in the  
skin. I. A critical review of the literature.  
Acta Dermatovenere (Stockholm) 49:458-67, 1969 (69  
ref.)  
AMIDES, metabolism/ AMINO ACIDS,  
metabolism/ AMINOPEPTIDASES, analysis/  
ANIMAL EXPERIMENTS/ ARTHUS  
PHENOMENON, enzymology/ CARCINOMA,  
EPIDERMAL, enzymology/ CASEIN,  
metabolism/ CHYMOTRYPSIN, analysis/  
CLOSTRIDIOPROTEINASE A, analysis/  
COLITIS, ULCERATIVE, enzymology/  
COLLAGEN, metabolism/ CONNECTIVE  
TISSUE, enzymology/ DERMATOMYOSITIS,  
enzymology/ DIPEPTIDASES, analysis/ DOGS/  
ECZEMA, enzymology/ ERYTHEMA,  
enzymology/ ERYTHEMA MULTIFORME,  
enzymology/ ERYTHRODERMA, enzymology/  
ESTERS, metabolism/ GUINEA PIGS/ HEAT/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
ICHTHYOSIS, enzymology/ IN VITRO/  
METHODS/ MICE/ MONKEYS/ PASSIVE  
CUTANEOUS ANAPHYLAXIS/ PEMPHIGUS,  
enzymology/ \*PEPTIDE HYDROLASES,  
analysis/ PEPTIDE PEPTIDOHYDROLASES,  
analysis/ PSORIASIS, enzymology/ RABBITS/  
RATS/ REVIEW/ SHEEP/ \*SKIN, enzymology/  
SKIN, transplantation/ \*SKIN DISEASES,  
enzymology/ SKIN NEOPLASMS, enzymology/  
TISSUE EXTRACTS/ TRANSPLANTATION,  
AUTOLOGOUS/ TRANSPLANTATION,  
HOMOLOGOUS/ TRYPSIN, analysis
2685. Hopsu-Havu VK, Jansén CT: Peptidases in the skin. II.  
Demonstration and partial separation of several  
specific dipeptide naphthylamidases in the rat and  
human skin. Arch Klin Exp Derm 235:53-62, 1969  
AMIDES/ \*AMINOPEPTIDASES, analysis/  
AMINOPEPTIDASES, isolation & purification/  
ANIMAL EXPERIMENTS/ DIPEPTIDES/ GEL  
FILTRATION/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ NAPHTHALENES/  
\*PEPTIDE HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, isolation & purification/  
PROTEINS, analysis/ RATS/ SKIN, analysis/  
\*SKIN, enzymology/ SULFHYDRYL  
COMPOUNDS
2686. Hopsu-Havu VK, Jansén CT, Järvinen M: Partial  
purification and characterization of an acid dipeptide  
naphthylamidase (carboxytripeptidase) of the rat  
skin. Arch Klin Exp Derm 236:282-96, 1970  
AMINO ACIDS/ ANIMAL EXPERIMENTS/  
ARSENIC, pharmacodynamics/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, PAPER/ CYANIDES,  
pharmacodynamics/ DIPEPTIDES/ EDTA,  
pharmacodynamics/ FLUORIDES,  
pharmacodynamics/ GEL FILTRATION/ HEAT/  
HYDROGEN-ION CONCENTRATION/  
HYDROXYLAMINES, pharmacodynamics/  
IODOACETATES, pharmacodynamics/  
MERCAPTOETHANOL, pharmacodynamics/  
METALS, pharmacodynamics/  
NAPHTHALENES/ \*PEPTIDE HYDROLASES,  
isolation & purification/ PRECIPITATION/  
RATS/ SALTS, pharmacodynamics/ \*SKIN,  
enzymology/ SODIUM, pharmacodynamics/  
SULFITES, pharmacodynamics
2687. Hopsu-Havu VK, Jansén CT, Järvinen M: Partial  
purification and characterization of an alkaline  
dipeptide naphthylamidase (Arg-Arg-Naase) of the  
rat skin. Arch Klin Exp Derm 236:267-81, 1970  
AMINO ACIDS/ ANIMAL EXPERIMENTS/  
ARSENIC, pharmacodynamics/ BENZOATES,  
pharmacodynamics/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CHROMATOGRAPHY,  
PAPER/ CYANIDES, pharmacodynamics/  
DIPEPTIDES/ EDTA, pharmacodynamics/  
FLUORIDES, pharmacodynamics/ GEL  
FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ HYDROXYLAMINES,  
pharmacodynamics/ IODOACETATES,  
pharmacodynamics/ MERCAPTOETHANOL,  
pharmacodynamics/ METALS,  
pharmacodynamics/ NAPHTHALENES/  
\*PEPTIDE HYDROLASES, isolation &  
purification/ RATS/ \*SKIN, enzymology/  
SODIUM CHLORIDE, pharmacodynamics/  
SULFHYDRYL COMPOUNDS,  
pharmacodynamics/ TEMPERATURE
2688. Horáček J: Erfahrungen mit den Rosskastanienstoffe  
enthaltenden Mitteln bei der Behandlung der  
varicösen Unterschenkelgeschwüre.  
Z Haut Geschlechtskr 44:743-6, 15 Sep 69 (Ger)  
ADULT/ \*AESCLUS, therapeutic use/ AGED/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
\*VARICOSE ULCER, drug therapy
2689. Hörder MH: Consumption coagulopathy in liver  
cirrhosis.  
Thromb Diath Haemorrh 36:Suppl 36:313-8, 1969  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION FACTORS,  
biosynthesis/ BLOOD COAGULATION TESTS/  
BLOOD FLOW VELOCITY/ BLOOD  
PLATELETS/ FACTOR V, analysis/ FEMALE/  
FIBRINOLYSIS/ HEPARIN, therapeutic use/  
HEPATITIS, blood/ HUMAN/  
HYPERTENSION, PORTAL, blood/ LIVER,  
blood supply/ \*LIVER CIRRHOSIS, blood/  
MIDDLE AGE/ PERFUSION/  
RETICULOENDOTHELIAL SYSTEM,  
physiopathology
2690. Hörder MH, Hey D, Brunswig D: Nebenwirkungen nach  
Verabreichung eines Heparin-Heparinoid-Gemisches  
beim Menschen.  
Arzneimittelforschung 19:1876-8, Nov 69 (Ger)  
ADULT/ AGED/ \*ALOPECIA, chemically  
induced/ BLOOD COAGULATION TESTS/  
DRUG SYNERGISM/ ENGLISH ABSTRACT/  
FEMALE/ \*HEPARIN, adverse effects/  
\*HEPARINOID, adverse effects/ HUMAN/  
\*LIVER, pathology/ MALE/ MIDDLE AGE
2691. Hörder MH, Stier WD, Brunswig D: Zur klinische  
Anwendung von Heparin-Heparinoid-Gemischen.  
Arzneimittelforschung 19:1873-6, Nov 69 (Ger)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/  
AGED/ ALOPECIA, chemically induced/  
\*ANTICOAGULANTS, pharmacodynamics/  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/  
COUMARINS, therapeutic use/ \*DOSAGE  
FORMS/ DRUG SYNERGISM/ ENGLISH



## AUTHOR SECTION

- ABSTRACT/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ \*HEPARIN, therapeutic use/ HEPARINOID, adverse effects/ HEPARINOID, antagonists & inhibitors/ HEPARINOID, pharmacodynamics/ \*HEPARINOID, therapeutic use/ HUMAN/ LIVER, pathology/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PROTAMINES, pharmacodynamics/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy/ TIME FACTORS
892. Hori S, Masumura S, Mizuta K, et al: Kallikreins and their inhibitors in various tissues. *Mie Med J* 18:223-33, Jan 69  
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRADYKININ, analysis/ BRAIN, enzymology/ ENZYME PRECURSORS, analysis/ GASTROINTESTINAL SYSTEM, enzymology/ GUINEA PIGS/ \*KALLIKREIN, analysis/ KALLIKREIN, blood/ \*KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ KIDNEY, enzymology/ LUNG, enzymology/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ RABBITS/ RATS/ SPLEEN, enzymology
893. Hori S, Masumura S, Mizuta K, et al: Effect of antihistaminics, trasyolol and cortisone acetate on kallikrein-induced proteinuria. *Mie Med J* 18:217-22, Jan 69  
ACETATES, therapeutic use/ ANIMAL EXPERIMENTS/ \*ANTI-HISTAMINICS, therapeutic use/ CENTRIFUGATION/ \*CORTISONE, therapeutic use/ GEL FILTRATION/ HUMAN/ \*KALLIKREIN/ KALLIKREIN, urine/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PROTEINURIA, chemically induced/ \*PROTEINURIA, drug therapy/ RABBITS
894. Horiguchi S, Tanaka S, Ichikawa S: [Clinical use of transamin in pharyngeal diseases] *Otolaryngology (Tokyo)* 41:375-9, May 69 (Jap)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CLINICAL RESEARCH/ \*CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*PHARYNGITIS, drug therapy/ PLACEBOS/ \*TONSILLITIS, drug therapy
895. Horiguchi S, Tanaka S, Ichikawa S: [Nasopharyngitis and fibrinolysis] *J Otolaryng Jap* 72:494-5, 20 Feb 69 (Jap)  
AUTONOMIC NERVOUS SYSTEM, physiopathology/ \*FIBRINOLYSIS/ HUMAN/ NASOPHARYNX, innervation/ \*PHARYNGITIS, blood
896. Horn RG, Hawiger J, Collins RD: Electron microscopy of fibrin-like precipitate formed during the paracoagulation reaction between soluble fibrin monomer complexes and protamine sulphate. *Brit J Haemat* 17:463-6, Nov 69  
ALDEHYDES/ CHROMIUM/ \*FIBRIN/ MICROSCOPY, ELECTRON/ OSMIUM/ \*PROTAMINES, pharmacodynamics/ SULFATES
897. Horn RG, Koenig MG, Goodman JS, et al: Phagocytosis of *Staphylococcus aureus* by hepatic reticuloendothelial cells. An ultrastructural study. *Lab Invest* 21:406-14, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CYTOPLASM/ HISTIOCYTES, immunology/ LEUKOCYTES, immunology/ LIVER, cytology/ \*LIVER, immunology/ LYSOSOMES/ MACROPHAGES, immunology/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGIC/ \*PHAGOCYTOSIS/ RABBITS/ \*RETICULOENDOTHELIAL SYSTEM, immunology/ \*STAPHYLOCOCCUS, immunology
898. Horn RG, Koenig MG, Goodman JS, et al: Phagocytosis of *Staphylococcus aureus* by hepatic reticuloendothelial cells. An ultrastructural study. *Lab Invest* 21:406-14, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CYTOPLASM/ LEUKOCYTES, cytology/ \*LIVER, cytology/ LIVER, microbiology/ LYSOSOMES/ MALE/ MICROSCOPY, ELECTRON/ \*PHAGOCYTOSIS/ RABBITS/ \*RETICULOENDOTHELIAL SYSTEM, cytology/ \*STAPHYLOCOCCAL INFECTIONS, physiopathology/ \*STAPHYLOCOCCUS
2699. Horne HW Jr, Scott JM: Adrenosem therapy for bleeding coincident with the use of intrauterine contraceptive devices: a double blind study. *Fertil Steril* 21:230-3, Mar 70  
CLINICAL RESEARCH/ FEMALE/ \*HEMOSTATICS, therapeutic use/ HUMAN/ \*INTRAUTERINE DEVICES, adverse effects/ MENSTRUATION/ PLACEBOS/ TAMPONS/ TIME FACTORS/ \*UTERINE HEMORRHAGE, drug therapy/ UTERINE HEMORRHAGE, etiology
2700. Horne HW Jr, Scott JM: Prevention of postoperative pelvic adhesions after conservative surgery. An interim report. *Fertil Steril* 20:1020-2, Nov-Dec 69  
\*ADHESIONS, prevention & control/ \*DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ \*PROMETHAZINE, therapeutic use/ \*STERILITY, FEMALE, surgery
2701. Hornstra G: A method for the determination of thrombocyte aggregation in circulating rat blood. *Experientia* 26:111-2, 15 Jan 70  
ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA/ \*BLOOD PLATELETS/ BLOOD VESSEL PROSTHESIS/ METHODS/ PLATELET ADHESIVENESS, drug effects/ POLYETHYLENES/ PROSTAGLANDINS, pharmacodynamics/ RATS
2702. Horowitz HI, Stein IM, Cohen BD, et al: Further studies on the platelet-inhibitory effect of guanidin succinic acid and its role in uremic bleeding. *Amer J Med* 49:336-45, Sep 70  
ACETIC ACIDS, pharmacodynamics/ ADENINE NUCLEOTIDES/ ARGININE, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ COLLAGEN/ CREATININE, pharmacodynamics/ EPINEPHRINE/ GUANIDINES, blood/ \*GUANIDINES, pharmacodynamics/ HUMAN/ IN VITRO/ MICROSCOPY, ELECTRON/ PERITONEAL DIALYSIS/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN, metabolism/ SUCCINATES, blood/ \*SUCCINATES, pharmacodynamics/ UREA, pharmacodynamics/ UREMIA, blood/ \*UREMIA, metabolism/ UREMIA, therapy
2703. Horowitz MI, Pamer T, Glass GB: Promotion of activation of pepsinogen by polyanions including RNA and sulfated mucosubstances. *Proc Soc Exp Biol Med* 133:853-7, Mar 70  
CHEMISTRY/ \*CHONDROITIN/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS/ GASTRIC JUICE, analysis/ \*GLYCOPROTEINS/ \*HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*PEPSIN/ \*RNA
2704. Horstman LL, Racker E: Partial resolution of the enzyme catalyzing oxidative phosphorylation. XXII. Interaction between mitochondrial adenosine triphosphatase inhibitor and mitochondrial adenosine triphosphatase. *J Biol Chem* 245:1336-44, 25 Mar 70  
\*ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATE/ ALCOHOL, ETHYL/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ BUFFERS/ CATTLE/ CHYMOTRYPSIN/ COLD/ DRUG STABILITY/ EDTA/ HEAT/ HYDROGEN-ION CONCENTRATION/ IODINE/ MAGNESIUM/ METHODS/ \*MITOCHONDRIA, MUSCLE/ MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM/ NUCLEOTIDES/ PROTAMINES/ \*PROTEINS/ PROTEINS, isolation & purification/ SOLUBILITY/ SULFATES/ TRICHLOROACETIC ACID/ TRYPSIN/ VIBRATION



# AUTHOR SECTION

2705. Horta EO, González-Parés EN, Pérez-Santiago E: The relationship of idiopathic thrombocytopenic purpura and systemic lupus erythematosus. Bol Asoc Med P Rico 62:41-51, Feb 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ \*LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ \*PURPURA, THROMBOPENIC, complications/ RETROSPECTIVE STUDIES/ SPLENECTOMY
2706. Horta EO, Maldonado N, Vélez-García E: Idiopathic thrombocytopenic purpura in adults. Bol Asoc Med P Rico 62:91-100, Mar 70  
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ FEMALE/ HEPATOMEGALY, complications/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ \*PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, therapy/ RESPIRATORY TRACT DISEASES, complications/ SEX FACTORS/ SPLENECTOMY
2707. Horton HR, Tucker WP: Dimethyl(2-hydroxy-5-nitrobenzyl)sulfonium salts. Water-soluble environmentally sensitive protein reagents. J Biol Chem 245:3397-401, 10 Jul 70  
BROMINE/ CHEMISTRY/ CHYMOTRYPSIN, analysis/ CYSTEINE, analysis/ DIPEPTIDES/ \*INDICATORS AND REAGENTS/ ONIUM COMPOUNDS/ \*PROTEINS, analysis/ SOLUBILITY/ \*SULFONIC ACIDS/ TRYPTOPHAN, analysis/ WATER
2708. Horton HR, Young G: 2-Acetoxy-5-nitrobenzyl chloride. A reagent designed to introduce a reporter group near the active site of chymotrypsin. Biochim Biophys Acta 194:272-8, 11 Nov 69  
BINDING SITES/ CATTLE/ CHEMISTRY/ CHLORINE/ \*CHYMOTRYPSIN/ ENZYME PRECURSORS/ GEL FILTRATION/ INDICATORS AND REAGENTS/ \*NITROBENZENES/ SERUM ALBUMIN, BOVINE/ \*TRYPTOPHAN
2709. Horton WA, Schimke RN: A new mucopolysaccharidosis. J Pediatr 77:252-8, Aug 70  
ADOLESCENCE/ BONE AND BONES, abnormalities/ CARBOHYDRATE METABOLISM, INBORN ERRORS, classification/ \*CARBOHYDRATE METABOLISM, INBORN ERRORS, familial & genetic/ CARBOHYDRATE METABOLISM, INBORN ERRORS, urine/ CHILD/ \*CHONDROITIN, urine/ \*CORNEAL OPACITY, familial & genetic/ CORNEAL OPACITY, urine/ ECCENTRO-OSTEOCHONDRODYSPLASIA/ FEMALE/ \*HEPARIN, urine/ HUMAN/ HYPERTRICHOSIS/ JOINT DISEASES/ LIPOCHONDRODYSSTROPHY, familial & genetic/ LIPOCHONDRODYSSTROPHY, urine/ MALE/ MENTAL RETARDATION/ RETINITIS PIGMENTOSA
2710. Horváth N, Somogyvári K, Somos P, et al: Experimental studies on the antigenic action of bioplast preparations. Acta Vet Acad Sci Hung 19:191-5, 1969  
\*ANTIBODY FORMATION, drug effects/ COMPARATIVE STUDY/ DOGS/ FIBRINOGEN, pharmacodynamics/ GEL DIFFUSION TESTS/ GUINEA PIGS/ \*HEMOSTATICS, pharmacodynamics/ HUMAN/ RABBITS
2711. Horwitz BA, Herd PA, Smith RE: Bioenergetics of brown adipose tissue. Lipids 5:30-4, Jan 70  
ACCLIMATIZATION/ \*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ \*BISHYDROXYCOUMARIN, pharmacodynamics/ BODY TEMPERATURE, drug effects/ BODY TEMPERATURE REGULATION/ BROWN FAT, drug effects/ BROWN FAT, innervation/ BROWN FAT, metabolism/ COLD/ COLON/ \*DINITROPHENOLS, pharmacodynamics/ ELECTRIC STIMULATION/ ELECTRON TRANSPORT/ FATTY ACIDS, metabolism/ IN VITRO/ LIVER/ MALE/ MODELS, BIOLOGIC/ MODELS, CHEMICAL/ NOREPINEPHRINE, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ OXYGEN CONSUMPTION/ RATS/ STIMULATION, CHEMICAL/ THERMOGRAPHY/ UNCOUPLING AGENTS, pharmacodynamics
2712. Hoshimo T: [Renin-secreting tumor (juxtaglomerular cell tumor)] Saishin Igaku 24:2561-9, Dec 69 (Jap)  
ADULT/ CASE REPORT/ FEMALE/ \*HEMANGIOPERICYTOMA, metabolism/ HUMAN/ HYPERTENSION, etiology/ \*JUXTAGLOMERULAR APPARATUS/ \*KIDNEY NEOPLASMS, metabolism/ NEPHRECTOMY/ \*RENIN, secretion/ TIME FACTORS
2713. Hoshino T: [Enzyme activity of the synovial membrane and fluid] Acta Med (Fukuoka) 39:172-88, May 69 (Jap)  
AMINOTRANSFERASES, metabolism/ \*ARTHRITIS, enzymology/ ENGLISH ABSTRACT/ FIBRINOLYSIS, metabolism/ GLUCOSE, metabolism/ HUMAN/ MURAMIDASE, metabolism/ MURAMIDASE, pharmacodynamics/ OVALBUMIN, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism/ \*SYNOVIAL FLUID, enzymology/ \*SYNOVIAL MEMBRANE, enzymology
2714. Hou-Jensen K, Jensen NK: Idiopathic thrombocythaemia. Acta Path Microbiol Scand [Suppl] 212:Suppl 212:193+, 1970  
AGED/ AUTOPSY/ BONE MARROW, pathology/ FEMALE/ \*HEMORRHAGIC THROMBOCYTHEMIA, pathology/ HUMAN/ KIDNEY GLOMERULUS, pathology/ LIVER, pathology/ SPLEEN, pathology
2715. Houcke M, Palliez R, Dupont A, et al: Etude anatomique de deux chorio-angiomes placentaires. Bull Fed Gynec Obstet Franc 21:44-7, Jan-Mar 69 (Fre)  
ADULT/ FEMALE/ \*HEMANGIOMA, etiology/ HUMAN/ \*PLACENTA/ PREGNANCY/ \*PREGNANCY COMPLICATIONS
2716. Housman D, Jacobs-Lorena M, Rajbhandary UL, et al: Initiation of haemoglobin synthesis by methionyl-tRNA. Nature (London) 227:913-8, 29 Aug 70  
CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ ESCHERICHIA COLI/ FORMATES/ GENETIC CODE/ \*HEMOGLOBIN, biosynthesis/ KINETICS/ LYSINE, metabolism/ METHIONINE, metabolism/ PEPTIDE HYDROLASES/ RETICULOCYTES, metabolism/ RIBOSOMES, metabolism/ RNA, BACTERIAL/ \*RNA, SOLUBLE, pharmacodynamics/ STIMULATION, CHEMICAL/ SULFUR ISOTOPES/ TRYPSIN/ YEASTS
2717. Houston LL, Walsh KA: The transient inactivation of trypsin by mild acetylation with N-acetylhydrazide. Biochemistry (Wash) 9:156-66, 6 Jan 70  
\*ACETATES/ BINDING SITES/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ \*IMIDAZOLES/ ISOFLUOROPHATE/ LYSINE/ MODELS, CHEMICAL/ PHOSPHORUS ISOTOPES/ SERINE/ SOLVENTS/ SPECTROPHOTOMETRY/ \*TRYPSIN/ TYROSINE
2718. Houston S, Ousterhout DK, Sleeman KH, et al: The effect of n-butyl 2-cyanoacrylate on liver function. J Biomed Mat Res 4:25-8, Mar 70  
\*ACRYLIC RESINS, toxicity/ ANIMAL EXPERIMENTS/ DOGS/ \*HEMOSTATICS, toxicity/ \*LIVER, drug effects/ LIVER FUNCTION TESTS/ \*TISSUE ADHESIVES, toxicity



## AUTHOR SECTION

2719. Hovig T: L'ultrastructure des plaquettes sanguines en relation avec leur fonction hémostatique.  
Nouv Rev Franc Hemat 9:496-506, Jul-Aug 69 (Fre)  
BLOOD COAGULATION/ \*BLOOD  
PLATELETS, cytology/ BLOOD PLATELETS,  
physiology/ BLOOD VESSELS, cytology/  
CYTOPLASMIC GRANULES/ FIBRIN/  
\*HEMOSTASIS/ HUMAN/ MICROSCOPY,  
ELECTRON
2720. Hovig T, Jorgensen L, Rowsell HC, et al: The structure of thrombus-like deposits formed in extracorporeal shunts. Amer J Path 59:75-100, Apr 70  
ANIMAL EXPERIMENTS/ ARTERIOVENOUS  
SHUNT, SURGICAL/ BLOOD PLATELETS/  
CAROTID ARTERIES/ COLLAGEN,  
administration & dosage/ \*EXTRACORPOREAL  
CIRCULATION/ FIBRIN, analysis/ JUGULAR  
VEIN/ LEUKOCYTES, analysis/ MICROSCOPY,  
ELECTRON/ REGIONAL BLOOD FLOW/  
SURFACE PROPERTIES/ SWINE/  
\*THROMBOSIS, pathology/ TIME FACTORS
2721. Howard EB, Sawa TR, Nielsen SW, et al: Mastocytoma and gastroduodenal ulceration. Gastric and duodenal ulcers in dogs with mastocytoma.  
Path Vet (Basel) 6:146-58, 1969  
\*DOG DISEASES/ DOGS/ DUODENAL ULCER,  
complications/ DUODENAL ULCER,  
veterinary/ FEMALE/ HEPARIN,  
pharmacodynamics/ HISTAMINE,  
pharmacodynamics/ MALE/ PEPTIC ULCER,  
chemically induced/ PEPTIC ULCER,  
complications/ PEPTIC ULCER, pathology/  
\*PEPTIC ULCER, veterinary/ PEPTIC ULCER  
PERFORATION, complications/ SARCOMA,  
MAST CELL, complications/ \*SARCOMA,  
MAST CELL, veterinary/ SKIN NEOPLASMS,  
complications/ \*SKIN NEOPLASMS, veterinary/  
STOMACH ULCER, chemically induced/  
STOMACH ULCER, complications/ STOMACH  
ULCER, pathology/ STOMACH ULCER,  
veterinary/ VASCULAR DISEASES,  
complications
2722. Howard SM, Pierce JG: The tryptic glycopeptides of bovine thyrotropin. Their composition and similarities to those of luteinizing hormone.  
J Biol Chem 244:6468-76, 10 Dec 69  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CARBOHYDRATES, analysis/  
CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/  
CHROMATOGRAPHY, PAPER/  
COUNTERCURRENT DISTRIBUTION/  
ELECTROPHORESIS/ FUCOSE, analysis/  
GALACTOSE, analysis/ GEL FILTRATION/  
GLUCOSAMINE, analysis/ \*GLYCOPROTEINS/  
GLYCOPROTEINS, analysis/ GLYCOPROTEINS,  
isolation & purification/ HEXOSAMINES,  
analysis/ \*LH/ LH, analysis/ MANNOSE,  
analysis/ METHODS/ \*PEPTIDES/ PEPTIDES,  
analysis/ PEPTIDES, isolation & purification/  
PITUITARY GLAND, analysis/ SHEEP/  
\*THYROTROPIN/ THYROTROPIN, analysis/  
TRYPSIN
2723. Howell MJ: Excystment of the metacercariae of Echinoparyphium serratum (Trematoda: Echinostomatidae). J Helminth 44:35-58, 1970  
ANIMAL EXPERIMENTS/ BILE ACIDS AND  
SALTS, pharmacodynamics/ CARBON  
DIOXIDE, pharmacodynamics/ DRUG  
SYNERGISM/ FASCIOLA HEPATICA, growth  
& development/ HYDROGEN-ION  
CONCENTRATION/ OXIDATION-REDUCTION/  
PEPSIN, pharmacodynamics/ \*SNAILS/  
TEMPERATURE/ TREMATODA, drug effects/  
\*TREMATODA, growth & development/  
TRYPSIN, pharmacodynamics
2724. Howorka E, Wyrzykiewicz T: Ilodciowe zmiany fibrynogenu w osoczu u kobiet przygotowywanych do zabiegu przerwania ciąży przez dożylnie wstrzykiwanie EACA. Przegl Lek 26:378-90, 18 Mar 70 (Pol)  
\*ABORTION, THERAPEUTIC/  
\*AMINOCAPROIC ACID, administration &  
dosage/ ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOGEN, analysis/ HUMAN/  
INJECTIONS, INTRAVENOUS/ PREGNANCY
2725. Howorka E, Wyrzykiewicz T: Podawanie kwasu epsi-aminokapronowego (EACA) w zapobieganiu krwotokom fibrynolitycznym towarzyszącym wydalaniu jaja płodowego, zatrzymanego w macicy po śmierci płodu. Wiad Lek 23:973-7, Jun 70 (Pol)  
\*ABORTION, MISSED, complications/  
\*AMINOCAPROIC ACID, administration &  
dosage/ ENGLISH ABSTRACT/ FEMALE/  
FIBRINOLYSIS/ HUMAN/ PREGNANCY/  
UTERINE HEMORRHAGE, etiology/ \*UTERINE  
HEMORRHAGE, prevention & control
2726. Hoy WE, Nelson DS: Studies on cytophilic antibodies. V. Alloantibodies cytophilic for mouse macrophages. Aust J Exp Biol Med Sci 47:525-39, Oct 69  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/  
\*ANTIBODY FORMATION/ CULTURE MEDIA/  
ELECTROPHORESIS/ ERYTHROCYTES/  
IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/  
IMMUNOGLOBULINS/ IN VITRO/  
LYMPHOCYTES/ \*MACROPHAGES,  
immunology/ MICE/ NEOPLASM  
TRANSPLANTATION/ \*SARCOMA,  
EXPERIMENTAL, immunology/  
TRANSPLANTATION, HOMOLOGOUS/  
\*TRANSPLANTATION IMMUNOLOGY/  
TRYPSIN, pharmacodynamics
2727. Hoyer LW, Breckenridge RT: Immunologic studies of antihemophilic factor (AHF, factor VIII) II. Properties of cross-reacting material.  
Blood 35:809-20, Jun 70  
ADSORPTION/ ANTIGENS, analysis/ BARIUM  
SULFATE/ CALCIUM PHOSPHATES/ CROSS  
REACTIONS/ \*FACTOR VIII, analysis/  
GENETICS, BIOCHEMICAL/ HEATING/  
\*HEMOPHILIA, immunology/ HUMAN/  
IMMUNOCHEMISTRY/ THROMBIN
2728. Hoyeraal HM, Lamvik J, Moe PJ: Congenital hypoplastic thrombocytopenia and cerebral malformations in two brothers.  
Acta Paediat Scand 59:185-91, Mar 70  
ADRENAL CORTEX HORMONES, therapeutic  
use/ AUTOPSY/ \*BLOOD PLATELET  
DISORDERS, congenital/ BLOOD PLATELET  
DISORDERS, diagnosis/ BLOOD PLATELET  
DISORDERS, familial & genetic/ BODY  
HEIGHT/ BODY WEIGHT/ BONE MARROW  
EXAMINATION/ \*BRAIN, abnormalities/  
\*CEREBELLUM, abnormalities/  
HEMAGGLUTINATION TESTS/ HUMAN/  
INFANT/ INFANT, NEWBORN/ MALE/  
MEGAKARYOCYTES, analysis/ MENTAL  
RETARDATION/ SPLENECTOMY/  
TOXOPLASMOSIS, CONGENITAL, diagnosis
2729. Hrazdira I, Skalka M: Changes produced by ultrasound in the deoxyribonucleoprotein complex in vitro.  
Folia Biol (Praha) 16:121-3, 1970  
ANIMAL EXPERIMENTS/ DNA/ FEMALE/  
HEPARIN/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ LIVER/  
MALE/ MICE/ \*NUCLEOPROTEINS/  
POLYNUCLEOTIDES/ SPLEEN/  
\*ULTRASONICS
2730. Hrodek O: L'agrégation des plaquettes chez le nouveau-né.  
Nouv Rev Franc Hemat 9:569-73, Jul-Aug 69 (Fre)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
BLOOD PLATELET DISORDERS, blood/  
\*BLOOD PLATELETS, drug effects/  
\*EPINEPHRINE, pharmacodynamics/  
HEMOPHILIA, blood/ HODGKIN'S DISEASE,  
blood/ HUMAN/ \*INFANT, NEWBORN/  
LEUKEMIA, blood/ \*NOREPINEPHRINE,  
pharmacodynamics/ PLATELET  
ADHESIVENESS/ PURPURA, blood/  
SPECTROPHOTOMETRY
2731. Hronková-Zoulková J, Ivašková E: Identifikace leukocytárních antigenů a jejich význam pro klinickou transplantaci a hematologii. IV. Význam destičkového testu fixace komplementu pro určování antigenů HL-A systému. Vnitřní Lek 15:990-4, Oct 69 (Cze)  
BLOOD DONORS/ \*BLOOD PLATELETS,  
immunology/ \*COMPLEMENT FIXATION  
TESTS/ ENGLISH ABSTRACT/



# AUTHOR SECTION

- \*HEMATOLOGIC DISEASES, immunology/  
HUMAN/ \*LEUKOCYTES, immunology/  
\*TRANSPLANTATION IMMUNOLOGY
2732. Hrubisko M: Súčasný stav a perspektívy výroby účinných antihemofilických prípravkov u nás. Vnitřní Lek 16:47-9, Jan 70 (Slo)  
CZECHOSLOVAKIA/ DRUG INDUSTRY/  
ENGLISH ABSTRACT/ FACTOR VIII/  
\*PLASMA SUBSTITUTES, chem synthesis
2733. Hrubisková K: Zur Frage der Dosierung von antihämophillem Globulin, bzw. Antihämophilieplasma sowie Cohnscher Fraktion I bei Mangelzuständen an Faktor VIII. Folia Haemat (Lepzig) 93:363-8, 1970 (Ger)  
ADULT/ BLOOD COAGULATION TESTS/  
BLOOD TRANSFUSION/ \*FACTOR VIII,  
administration & dosage/ \*HEMOPHILIA,  
therapy/ HUMAN/ MALE/ \*PLASMA
2734. Hruby K: Die "straffe" Glaskörperabhebung. Docum Ophthal 26:555-65, 1969 (Ger)  
ADHESIONS/ ADULT/ ENGLISH ABSTRACT/  
EYE DISEASES/ EYE DISEASES,  
complications/ HUMAN/ MALE/ MIDDLE  
AGE/ POSTOPERATIVE COMPLICATIONS/  
RETINAL DETACHMENT, complications/  
RETINAL DETACHMENT, surgery/  
\*VITREOUS BODY/ VITREOUS BODY,  
pathology
2735. Hruby K: Hämorrhagische Maculopathie im rechten Auge eines 32-jährigen Mannes. Ber Deutsch Ophth Ges 69:654-6, 1969 (Ger)  
ADULT/ CASE REPORT/ FLUOROSCOPY/  
FUNDUS OCULI/ HUMAN/ \*LIVER  
CIRRHOSIS, complications/ \*MACULA LUTEA/  
MALE/ \*RETINAL HEMORRHAGE, etiology/  
\*THROMBOPENIA, complications
2736. Hsieh H, Liu FV: Serological identities of proteases and alkaline phosphatases of the so-called nonagglutinable (NAG) vibrios and those of Vibrio cholerae. J Infect Dis 121:251-9, Mar 70  
AEROMONAS, enzymology/ \*ALKALINE  
PHOSPHATASE, isolation & purification/  
CROSS REACTIONS/ IMMUNE SERUMS/  
NEUTRALIZATION TESTS/ \*PEPTIDE  
HYDROLASES, isolation & purification/  
PRECIPITATION/ \*VIBRIO, enzymology/  
VIBRIO, immunology
2737. Huang CC, Kako KJ: Mechanism of triglyceridemia in hypercholesterolemic rabbits. Circ Res 26:771-82, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/  
CHOLESTEROL, pharmacodynamics/ FATTY  
ACIDS, NONESTERIFIED, metabolism/  
\*HYPERCHOLESTEREMIA, blood/  
LIPOPROTEIN LIPASE, antagonists &  
inhibitors/ LIPOPROTEIN LIPASE, blood/  
LIPOPROTEIN LIPASE, physiology/  
\*LIPOPROTEINS, metabolism/ LIVER,  
metabolism/ MYOCARDIUM, enzymology/  
RABBITS/ TRIGLYCERIDES, biosynthesis/  
\*TRIGLYCERIDES, blood
2738. Huang CC, Montgomery R: Enzymatic degradation of the components of asparaginy-carbohydrate from chicken ovalbumin. Biochem Biophys Res Commun 37:94-8, 24 Sep 69  
AMINO ACIDS, analysis/ \*ASPARAGINE/  
ASPARAGINE, isolation & purification/  
\*CARBOHYDRATES/ CARBOHYDRATES,  
analysis/ CARBOHYDRATES, isolation &  
purification/ CHEMISTRY/ CHICKENS/  
CHROMATOGRAPHY, ION EXCHANGE/ GEL  
FILTRATION/ GLUCOSAMINE/ GLYCOSIDE  
HYDROLASES/ HEXOSAMINES, analysis/  
MANNOSIDE, analysis/ METHODS/ MODELS,  
STRUCTURAL/ \*OVALBUMIN/ OVALBUMIN,  
analysis/ PEPTIDE HYDROLASES
2739. Huang CL, O'Brien ET, Thornes RD: The thrombolytic action of protease I on experimentally produced venous thrombi in the dog. Irish J Med Sci 2:379-89, Aug 69  
ANIMAL EXPERIMENTS/ DOGS/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
\*PEPTIDE HYDROLASES, therapeutic use/  
THROMBIN, therapeutic use/ \*THROMBOSIS,  
drug therapy
2740. Huang SN, Marshall KG: Pneumocystis carinii infection. A cytologic, histologic, and electron microscopic study of the organism. Amer Rev Resp Dis 102:623-35, Oct 70  
ADULT/ BIOPSY/ CELL WALL/ EXUDATES  
AND TRANSUDATES/ FIBRIN/ HUMAN/  
IMMUNOSUPPRESSIVE AGENTS, adverse  
effects/ KIDNEY, transplantation/ \*LUNG,  
pathology/ MALE/ MICROSCOPY, ELECTRON/  
\*PNEUMONIA, INTERSTITIAL PLASMA  
CELL, microbiology/ PNEUMONIA,  
INTERSTITIAL PLASMA CELL, pathology/  
\*PROTOZOA, cytology/ STAINS AND  
STAINING/ TRANSPLANTATION,  
HOMOLOGOUS
2741. Huang WY, Tang J: Carboxyl-terminal sequence of human gastricsin and pepsin. J Biol Chem 245:2189-93, 10 May 70  
\*AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ AUTOANALYSIS/ BACTERIA,  
enzymology/ CHEMISTRY/ CHYMOTRYPSIN/  
ELECTROPHORESIS/ EVOLUTION/ GEL  
FILTRATION/ HUMAN/ \*PEPSIN, analysis/  
\*PEPTIDE HYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES, analysis/  
PEPTIDES, isolation & purification/ RENIN/  
TRYPSIN
2742. Huart F d': Syndromes occlusifs par hématomes intrapariétaux de l'intestin grêle au cours des traitements anticoagulants. (A propos de 3 cas, dont 2 opérés) Mem Acad Chir (Paris) 95:755-61, 1969 (Fre)  
ADULT/ \*CARDIOVASCULAR DISEASES, drug  
therapy/ FEMALE/ \*HEMATOMA, chemically  
induced/ HEMATOMA, complications/ HUMAN/  
INTESTINAL NEOPLASMS, complications/  
\*INTESTINAL OBSTRUCTION, etiology/  
INTESTINE, SMALL/ MALE/ MIDDLE AGE/  
\*PHENINDIONE, adverse effects
2743. Huber H, Douglas SD: Receptor sites on human monocytes for complement: binding of red cells sensitized by cold autoantibodies. Brit J Haemat 19:19-26, Jul 70  
\*AUTOANTIBODIES/ \*BINDING SITES/  
\*COLD/ \*COMPLEMENT/ EDTA,  
pharmacodynamics/ \*ERYTHROCYTES,  
immunology/ GAMMA GLOBULIN, 7S/  
GAMMA GLOBULIN, 19S/ HEMOLYSIS/  
HUMAN/ IN VITRO/ MAGNESIUM/  
\*MONOCYTES, immunology/ TEMPERATURE/  
TRYPSIN
2744. Huber R, Kukla D, Rühlmann A, et al: The basic trypsin inhibitor of bovine pancreas. I. Structure analysis and conformation of the polypeptide chain. Naturwissenschaften 57:389-92, Aug 70  
ANIMAL EXPERIMENTS/ BINDING SITES/  
CATTLE/ CHEMISTRY/ CRYSTALLIZATION/  
\*PANCREAS, enzymology/ \*TRYPSIN  
INHIBITORS, analysis
2745. Huffstadt AJ: Huidhemangiomen bij kinderen. Nederl T Geneesk 114:181-5, 31 Jan 70 (Dut)  
CHILD/ CHILD, PRESCHOOL/ FEMALE/  
\*HEMANGIOMA/ \*HEMANGIOMA,  
CAVERNOUS/ \*HEMANGIOEPICYTOMA/  
HUMAN/ INFANT/ MALE/ \*NEVUS,  
PIGMENTED/ \*SKIN NEOPLASMS
2746. Hug G, Schubert WK, Chuck G: Liver glycogenosis and phosphorylase kinase deficiency. Amer J Hum Genet 22:484, Jul 70  
BLOOD PLATELETS, analysis/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ \*GLYCOGENOSIS,  
familial & genetic/ HUMAN/ LEUKOCYTES,  
analysis/ \*LIVER, enzymology/ \*LIVER  
DISEASES, familial & genetic/  
PHOSPHORYLASE KINASE, blood/  
\*PHOSPHORYLASE KINASE, metabolism/ SEX  
FACTORS
2747. Huggins CG, Corcoran RJ, Gordon JS, et al: Kinetics of the plasma and lung angiotensin I converting enzymes. Circ Res 27:Suppl 1:934+, Jul 70



## AUTHOR SECTION

- ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ DIALYSIS/ DOGS/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ ENZYME REPRESSION/ HORSES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LEAD, pharmacodynamics/ \*LUNG, enzymology/ MERCURY, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, blood/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ PLASMA, enzymology/ SWINE
2748. Hugli TE, Gurd FR: Carboxymethylation of sperm whale myoglobin in the crystalline state. *J Biol Chem* 245:1930-8, 25 Apr 70  
ACETIC ACIDS/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CETACEA/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CRYSTALLIZATION/ ELECTROPHORESIS/ HISTIDINE/ LYSINE/ METHIONINE/ \*MYOGLOBIN/ MYOGLOBIN, analysis/ MYOGLOBIN, isolation & purification/ PEPTIDES, analysis/ TRYPSIN/ VALINE
2749. Hugues J: Plaquettes sanguines et structure du vaisseau. *Nouv Rev Franc Hemat* 9:529-49, Jul-Aug 69 (Fre)  
ADENOSINE TRIPHOSPHATASE/ AMINOCAPROIC ACID, pharmacodynamics/ BASEMENT MEMBRANE/ BLOOD COAGULATION/ \*BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, physiopathology/ \*BLOOD VESSELS, anatomy & histology/ CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ COLLAGEN, pharmacodynamics/ CONNECTIVE TISSUE/ DENSITOMETRY/ EDTA, pharmacodynamics/ EPITHELIUM/ GLYCOPROTEINS, analysis/ HEPARIN, pharmacodynamics/ HIRUDIN, pharmacodynamics/ HUMAN/ KIDNEY GLOMERULUS, physiology/ LIPIDS, analysis/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, analysis/ NEURAMINIC ACIDS, analysis/ PHAGOCYTOSIS/ PHOSPHOTRANSFERASES/ PLATELET ADHESIVENESS/ PROMETHAZINE, pharmacodynamics/ PROTEINS, analysis/ THROMBOEMBOLISM, etiology
2750. Hugulier M, Lagaussie P de: Acquisitions récentes sur les pancréatites aiguës. *Cah Coll Med Hop Paris* 10:903-6, Sep 69 (Fre)  
AGE FACTORS/ \*AMYLASE, blood/ AMYLASE, urine/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MIDDLE AGE/ PANCREATITIS, diagnosis/ PANCREATITIS, surgery/ \*PANCREATITIS, therapy/ PERITONEAL DIALYSIS
2751. Hugulier M, Maillard JN, Lagaussie P de: Conceptions actuelles sur le traitement médical des pancréatites aiguës. *Ann Chir* 23:1335-9, Dec 69 (Fre)  
ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ PANCREATITIS, radiotherapy/ \*PANCREATITIS, therapy/ PERITONEAL DIALYSIS/ TRYPSIN INHIBITORS, therapeutic use
2752. Huisman TH, Adams HR, Wilson JB, et al: Hemoglobin G Georgia or alpha 2-95 Leu (G-2) beta-2. *Biochim Biophys Acta* 200:578-80, 31 Mar 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHILD/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ERYTHROCYTE COUNT/ ERYTHROCYTES, anatomy & histology/ GEORGIA/ GLOBINS, analysis/ HEMATOCRIT/ HEMOGLOBIN, analysis/ \*HEMOGLOBINS, ABNORMAL/ HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ LEUCINE/ MALE/ NEGROES/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROLINE/ TRYPSIN
2753. Hule V: Metodické podmínky ovlivňující izoenzymogram laktátdehydrogenázy lidských krevních destiček. *Cas Lek Cesk* 109:196-9, 20 Feb 70 (Cze)  
AGAR/ \*BLOOD PLATELETS, enzymology/ BLOOD PROTEIN ELECTROPHORESIS/ DENSITOMETRY/ ENGLISH ABSTRACT/ HUMAN/ \*LACTATE DEHYDROGENASE ISOENZYMES, blood
2754. Hule V: Protilátky proti antihemofilickému globulinu (koagulačnímu faktoru VIII). *Vnitřní Lek* 16:50-2, Jan 70 (Cze)  
ENGLISH ABSTRACT/ \*FACTOR VIII, antagonists & inhibitors/ HUMAN
2755. Humphries SV: The use of trypsin in the treatment of inflammatory oedema. *Cent Afr J Med* 15:186-7, Aug 69  
ADOLESCENCE/ ADULT/ AGED/ \*ANTI-INFLAMMATORY AGENTS, therapeutic use/ \*EDEMA, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ \*TRYPSIN, therapeutic use/ WOUNDS AND INJURIES, complications
2756. Hünig R, Binkert D, Wellauer J: Zürcher Erfahrungen mit der Vertebralsangiographie bei Tumoren der hinteren Schädelgrube. *Radiologe* 9:470-3, Dec 69 (Ger)  
ASTROCYTOMA, radiography/ \*BRAIN NEOPLASMS, radiography/ CARCINOMA, radiography/ \*CEREBRAL ANGIOGRAPHY/ CRANIAL FOSSA, POSTERIOR, radiography/ EPENDYMOMA, radiography/ GLIOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ MENINGIOMA, radiography/ OLIGODENDROGLIOMA, radiography/ SARCOMA, radiography/ \*SKULL, radiography/ SWITZERLAND/ \*VERTEBRAL ARTERY, radiography
2757. Hunkapiller M, Heinze JE, Mills JN: Comparative studies on the effect of specific inactivators on human gastricsin and pepsin. *Biochemistry (Wash)* 9:2897-902, 7 Jul 70  
ACETOPHENONES/ AMINO ACIDS, analysis/ BINDING SITES/ CATTLE/ COPPER/ GASTRIC JUICE, enzymology/ HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PEPSIN, analysis/ \*PEPSIN, antagonists & inhibitors/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ SWINE
2758. Hunt PS, Reeve TS, Hollings RM: A comparison of the anticoagulant effects of heparin and phenindione on a standard experimental arterial thrombus. *Aust New Zeal J Surg* 39:207-8, Nov 69  
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMORAL ARTERY/ HEPARIN, administration & dosage/ \*HEPARIN, therapeutic use/ PHENINDIONE, administration & dosage/ \*PHENINDIONE, therapeutic use/ SHEEP/ \*THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control
2759. Hunt RT, Hunter AR, Munro AJ: The control of haemoglobin synthesis: factors controlling the output of alpha and beta chains. *Proc Nutr Soc* 28:248-54, Sep 69 (19 ref.)  
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ \*HEMOGLOBIN, biosynthesis/ LYSINE, metabolism/ PROTEIN DEFICIENCY, metabolism/ RABBITS/ RETICULOCYTES, metabolism/ REVIEW/ RIBOSOMES, metabolism/ RNA, MESSENGER/ THREONINE, metabolism/ TRITIUM/ TRYPSIN/ TRYPTOPHAN, metabolism
2760. Hunter JA, Bhutani LK, Magnus IA: Chlorpromazine photosensitivity in mice: its action spectrum and the effect of anti-inflammatory agents. *Brit J Derm* 82:157-68, Feb 70  
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*CHLORPROMAZINE/ CHLORPROMAZINE, antagonists & inhibitors/ FIBRINOLYSIS, metabolism/ MALE/ MICE/ PEPTIDE HYDROLASES, metabolism/



# AUTHOR SECTION

- \*PHOTOSENSITIZATION, chemically induced/  
PHOTOSENSITIZATION, pathology/  
SPECTROPHOTOMETRY/ \*TRYPSIN  
INHIBITORS, pharmacodynamics
2761. Hurt JP, Krigman MR: Selected procoagulants in the guinea pig. *Amer J Physiol* 218:832-7, Mar 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION TESTS/ \*BLOOD  
PLATELETS/ \*FACTOR V/ \*FACTOR VIII/  
\*FACTOR IX/ FEMALE/ \*FIBRINOGEN/  
GUINEA PIGS/ HEMOPHILIA, blood/ MALE/  
\*PROTHROMBIN/ PROTHROMBIN TIME/  
SERUM GLOBULINS/ THROMBOPLASTIN
2762. Hurt JP, Odom MH, Perlmutt L, et al: Blood clotting changes in guinea pigs with a heterologous intracranial neoplasm. *Lab Invest* 23:179-83, Aug 70  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ \*BRAIN NEOPLASMS,  
complications/ FACTOR V, analysis/ FACTOR  
VIII, analysis/ FIBRINOGEN, analysis/  
\*GLIOBLASTOMA MULTIFORME,  
complications/ GUINEA PIGS/ HUMAN/  
NEOPLASM TRANSPLANTATION/  
\*NEOPLASMS, EXPERIMENTAL,  
complications/ PROTHROMBIN, analysis/  
PROTHROMBIN TIME/ THROMBOPLASTIN,  
analysis/ TRANSPLANTATION,  
HETEROLOGOUS
2763. Hurvitz AI, Haskins SC, Fischer CA:  
Macroglobulinemia with hyperviscosity syndrome in a dog. *J Amer Vet Med Ass* 157:455-60, 15 Aug 70  
BLOOD CHEMICAL ANALYSIS/ BLOOD  
PROTEINS, analysis/ BLOOD  
SEDIMENTATION/ \*BLOOD VISCOSITY/  
\*DOG DISEASES, blood/ DOG DISEASES,  
pathology/ DOG DISEASES, therapy/ DOGS/  
MACROGLOBULINEMIA, blood/  
MACROGLOBULINEMIA, pathology/  
MACROGLOBULINEMIA, therapy/  
\*MACROGLOBULINEMIA, veterinary/ MALE/  
MYOCARDIUM, pathology/ PLASMAPHERESIS,  
veterinary/ PROTEINURIA, veterinary/  
SPLEEN, pathology
2764. Husain SS, Lowe G: A reinvestigation of residues 64-68 and 175 in papain. Evidence that residues 64 and 175 are asparagine. *Biochem J* 116:889-92, Feb 70  
AMINO ACID SEQUENCE/ \*ASPARAGINE,  
analysis/ BINDING SITES/ CHYMOTRYPSIN/  
CYSTEINE/ GEL FILTRATION/ HISTIDINE/  
IMIDAZOLES/ PAPAIN/ \*PAPAIN, analysis/  
PROTEIN BINDING
2765. Husain SS, Lowe G: The amino acid sequence around the active-site cysteine and histidine residues, and the buried cysteine residue in ficin. *Biochem J* 117:333-40, Apr 70  
ACETONE, pharmacodynamics/ \*AMINO ACID  
SEQUENCE/ BINDING SITES/ CARBON  
ISOTOPES/ CHROMATOGRAPHY/  
CHYMOTRYPSIN/ \*CYSTEINE, analysis/  
\*HISTIDINE, analysis/ METHYLCELLULOSE/  
PAPAIN/ \*PEPTIDE HYDROLASES, analysis/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ RUBBER/ TRYPSIN
2766. Husain SS, Lowe G: The amino acid sequence around the active-site cysteine and histidine residues of stem bromelain. *Biochem J* 117:341-6, Apr 70  
AMINO ACID SEQUENCE/ \*BROMELAINS,  
analysis/ BROMELAINS, antagonists &  
inhibitors/ CARBON ISOTOPES/  
CHYMOTRYPSIN/ \*CYSTEINE, analysis/  
\*HISTIDINE, analysis/ IODOACETATES,  
pharmacodynamics/ PAPAIN, analysis/  
PEPTIDE HYDROLASES, analysis/ PLANTS,  
EDIBLE/ TRYPSIN
2767. Hussar DA: Tabular compilation of drug interactions. *Amer J Pharm* 141:109-56, Jul-Aug 69  
ANALGESICS AND ANTIPYRETICS/  
ANESTHETICS/ ANTIBIOTICS/  
ANTICOAGULANTS/ ANTICONVULSANTS/  
ANTIDEPRESSIVE AGENTS/ ANTIDIABETICS/  
ANTIHISTAMINICS/ ANTIHYPERTENSIVE  
AGENTS/ ANTI-INFECTION AGENTS/  
ANTILIPEMIC AGENTS/ ANTINEOPLASTIC  
AGENTS/ DIGITALIS GLYCOSIDES/  
DIURETICS/ \*DRUG ANTAGONISM/ \*DRUG  
SYNERGISM/ ENZYMES/  
GASTROINTESTINAL AGENTS/ HORMONES/  
HYPNOTICS AND SEDATIVES/ MUSCLE  
RELAXANTS, CENTRAL/  
PARASYMPATHOMIMETICS/  
SYMPATHOMIMETICS/ TRANQUILIZING  
AGENTS/ URICOSURIC AGENTS/ VITAMINS
2768. Hussar DA: Oral anticoagulants--their interactions. *J Amer Pharm Ass* 10:78-82 passim, Feb 70 (73 ref.)  
ANALGESICS AND ANTIPYRETICS,  
pharmacodynamics/ ANTICHOLESTEREMIC  
AGENTS, pharmacodynamics/  
\*ANTICOAGULANTS/ ANTICOAGULANTS,  
antagonists & inhibitors/ ANTIDEPRESSIVE  
AGENTS, pharmacodynamics/  
ANTI-INFECTION AGENTS, pharmacodynamics/  
CARDIAC GLYCOSIDES, pharmacodynamics/  
DRUG SYNERGISM/ HORMONES,  
pharmacodynamics/ HYPNOTICS AND  
SEDATIVES, pharmacodynamics/  
MYOCARDIAL DEPRESSANTS,  
pharmacodynamics/ REVIEW/  
TRANQUILIZING AGENTS, pharmacodynamics
2769. Hussar DA: Drug Interactions. *Penn Med* 72:40-4, Dec 69  
ANALGESICS AND ANTIPYRETICS,  
pharmacodynamics/ ANTICOAGULANTS,  
pharmacodynamics/ ANTIDEPRESSIVE  
AGENTS, pharmacodynamics/ ANTIDIABETICS,  
pharmacodynamics/ BARBITURATES,  
pharmacodynamics/ BINDING SITES/ \*DRUG  
ANTAGONISM/ DRUG INCOMPATIBILITY/  
\*DRUG SYNERGISM/ \*DRUG THERAPY,  
adverse effects/ DRUGS, metabolism/  
ENZYME ACTIVATION/ ENZYME  
REPRESSION/ HUMAN/ INTESTINAL  
ABSORPTION, drug effects/ RECEPTORS,  
DRUG
2770. Huston TM, Subhas T: The influence of environmental temperature on the plasma proteins of domestic fowl. *Poult Sci* 48:997-1000, May 69  
\*ALPHA GLOBULIN, analysis/ \*FIBRINOGEN,  
analysis/ \*SERUM ALBUMIN, analysis/  
\*TEMPERATURE
2771. Huston TM, Subhas T: The influence of environmental temperature on the plasma proteins of domestic fowl. *Poult Sci* 48:997-1000, May 69  
ALPHA GLOBULIN/ \*BLOOD PROTEINS/  
\*CHICKENS/ FIBRINOGEN/ SERUM  
ALBUMIN/ \*TEMPERATURE
2772. Hutchison DC, Cook PJ, Barter CE: Pulmonary emphysema and alpha 1-antitrypsin deficiency. *Clin Sci* 38:19P, Mar 70  
ADULT/ ELECTROPHORESIS/ HUMAN/  
\*METABOLISM, INBORN ERRORS/  
\*PULMONARY EMPHYSEMA, blood/  
PULMONARY EMPHYSEMA, etiology/  
SMOKING/ \*TRYPSIN INHIBITORS, blood
2773. Huth K: Klinik und Therapie der Verbrauchskoagulopathie. (Ger)  
*Bibl Haemat* 32:281-7, 1969  
ANTICOAGULANTS, therapeutic use/ \*BLOOD  
COAGULATION DISORDERS/ BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION DISORDERS,  
pathology/ DDD, poisoning/ HEMORRHAGIC  
DIATHESIS, complications/ HEPARIN,  
therapeutic use/ HUMAN/ NECROSIS,  
complications/ NEISSERIA MENINGITIDIS/  
PREDNISONE, therapeutic use/ SHOCK,  
complications/ THROMBOSIS, complications/  
WATERHOUSE-FRIDERICHSEN SYNDROME,  
microbiology
2774. Hutton MM, Prentice CR, Allison ME, et al: Renal homotransplant rejection associated with microangiopathic haemolytic anaemia. *Brit Med J* 3:87-8, 11 Jul 70  
ADULT/ \*ANEMIA, HEMOLYTIC, etiology/  
BIOPSY/ BLOOD COAGULATION TESTS/  
HEPARIN, therapeutic use/ HUMAN/



# AUTHOR SECTION

- KIDNEY, pathology/ \*KIDNEY,  
transplantation/ MALE/ THROMBOPENIA,  
etiology/ TRANSPLANTATION,  
HOMOLOGOUS/ \*TRANSPLANTATION  
IMMUNOLOGY
775. Hwang YF, Hamilton HE, Sheets RF:  
Vinblastine-induced thrombocytosis.  
Lancet 2:1075-6, 15 Nov 69  
ADULT/ BLOOD CELL COUNT/ HUMAN/  
MALE/ MIDDLE AGE/ \*THROMBOCYTOSIS,  
chemically induced/ \*VINBLASTINE, adverse  
effects
776. Hyman LR, Wong PW, Grossman A: Plasma lipoprotein  
lipase in children with idiopathic nephrotic syndrome.  
Pediatrics 44:1021-4, Dec 69  
BLOOD PROTEINS, analysis/ CHILD/ CHILD,  
PRESCHOOL/ CHOLESTEROL, blood/ FATTY  
ACIDS, NONESTERIFIED, blood/ FEMALE/  
HUMAN/ INFANT/ \*LIPOPROTEIN LIPASE,  
blood/ LIPOPROTEINS, blood/  
LIPOPROTEINS, metabolism/ MALE/  
\*NEPHROTIC SYNDROME, blood
777. Hynes AC, Robb HJ, Margulis RR: Influence of an  
industrial surfactant (pluronic F-68) on human  
amniotic fluid embolism.  
Amer J Obstet Gynec 107:1217-22, 15 Aug 70  
AMNIOTIC FLUID/ ANIMAL EXPERIMENTS/  
BLOOD PRESSURE, drug effects/ \*DEXTRAN,  
pharmacodynamics/ \*EMBOLISM, AMNIOTIC  
FLUID/ \*GLYCOLS, pharmacodynamics/  
MESENTERIC ARTERIES/ MESENTERIC  
VEINS/ METHODS/ MICROCIRCULATION,  
drug effects/ MOLECULAR WEIGHT/  
MOTION PICTURES/ POLYMERS,  
pharmacodynamics/ RABBITS/  
\*SURFACE-ACTIVE AGENTS,  
pharmacodynamics
778. Hynes HE: Factor 8 in fresh frozen plasma. Selection of  
units of plasma with high activity in the hospital blood  
bank. Techn Bull Regist Med Techn 39:228-30, Oct 69  
BLOOD BANKS/ BLOOD DONORS/ \*BLOOD  
PRESERVATION/ EXERTION/ \*FACTOR VIII,  
analysis/ HUMAN/ \*PLASMA, analysis/  
REFRIGERATION
779. Hynes HE, Owen CA Jr, Bowie EJ, et al: Citrate  
stabilization of chromatographically purified factor 8.  
Blood 34:601-9, Nov 69  
ADSORPTION/ BARIUM SULFATE/  
BUFFERS/ \*CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CITRATES/ \*FACTOR  
VIII, isolation & purification/ FIBRINOGEN,  
analysis/ FREEZE DRYING/ HUMAN/  
OXALATES/ PHOSPHATES
780. Hynie S: Prostaglandiny.  
Cesk Fysiol 18:43-71, Jun 69 (417 ref.) (Cze)  
ADENOSINE CYCLIC 3',5'-PHOSPHATE/  
ANIMAL EXPERIMENTS/ HUMAN/  
LIPOPROTEIN LIPASE, analysis/  
\*PROSTAGLANDINS/ PROSTAGLANDINS,  
biosynthesis/ PROSTAGLANDINS, metabolism/  
PROSTAGLANDINS, pharmacodynamics/  
REVIEW/ TRITIUM
- I
81. Iadrova VM, Avakimian MA: O vlianií bromistogo  
natrila na aktivnost' gemostaticheskikh preparatov.  
Farmakol Toksik 32:632-3, Sep-Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ \*BROMIDES,  
pharmacodynamics/ \*CALCIUM CHLORIDE,  
pharmacodynamics/ COMPARATIVE STUDY/  
DOGS/ DRUG SYNERGISM/ ENGLISH  
ABSTRACT/ FEMALE/ FIBRINOGEN, blood/  
FIBRINOLYSIS, drug effects/ \*HEMOSTATICS,  
pharmacodynamics/ HEPARIN, blood/ MALE/  
PLANTS, MEDICINAL/ PROTHROMBIN,  
blood/ \*SODIUM, pharmacodynamics/  
STIMULATION, CHEMICAL
82. Iakhontova OI: Aktivnost' fermentov podzheludochnoi  
zhelezy v syvorotke krovi u bol'nykh khronicheskim  
pankreatitom. Vrach Delo 6:59-61, Jun 68 (Rus)
- \*AMYLASE, blood/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ \*ENZYME TESTS/  
FEMALE/ HUMAN/ \*LIPASE, blood/ MALE/  
\*PANCREATITIS, enzymology/ \*TRYPSIN,  
blood
2783. Iakhontova OI, Valenkevich LN: Vlianie  
parenteral'nogo belkovogo pitanija na  
vneshnesekretornuiu funktsiju podzheludochnoi  
zhelezy u bol'nykh khronicheskim pankreatitom.  
Vop Pitani 29:67-70, May-Jun 70 (Rus)  
ADULT/ AGED/ ALKALINE PHOSPHATASE,  
analysis/ AMYLASE, analysis/  
BICARBONATES, analysis/ CHRONIC  
DISEASE/ \*DIETARY PROTEINS,  
administration & dosage/ DUODENUM/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
INTESTINAL SECRETIONS, analysis/ LIPASE,  
analysis/ MALE/ MIDDLE AGE/ NITROGEN,  
analysis/ \*PANCREAS, physiopathology/  
PANCREATITIS, enzymology/  
PANCREATITIS, physiopathology/  
PANCREATITIS, therapy/ \*PARENTERAL  
FEEDING/ PEPTIDE PEPTIDOHYDROLASES,  
analysis/ PROTEIN HYDROLYSATES/  
TRYPSIN, analysis
2784. Iakovlev IP: Sostolanie svertyvalushchei sistemy krovi  
u bol'nykh sakharnym diabetom.  
Ter Arkh 41:64-7, Jul 69 (Rus)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ \*BLOOD COAGULATION/ BLOOD  
SUGAR/ \*DIABETES MELLITUS, blood/  
DIABETES MELLITUS, complications/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ TIME FACTORS
2785. Iashvili VV: Splenektomia u bol'noi s ostroí formoi  
bolezní ver'igofa, oslozhnennoi tserebral'nymi  
gemorragiyami. Probl Gemat 13:45-6, Feb 68 (Rus)  
ADULT/ \*CEREBRAL HEMORRHAGE,  
etiology/ FEMALE/ HUMAN/ PURPURA,  
THROMBOPENIC, complications/ \*PURPURA,  
THROMBOPENIC, surgery/ \*SPLENECTOMY
2786. Iatsozhinskiĭ IuD, Pen'kova NG: Ganglioblokatory v  
terapii legochnogo krovotecnija.  
Vrach Delo 11:59-62, Nov 69 (Rus)  
ENGLISH ABSTRACT/ \*GANGLIONIC  
BLOCKADERS, therapeutic use/  
\*HEMOPTYSIS, drug therapy/  
HEMORRHAGE, drug therapy/ HEMORRHAGE,  
etiology/ \*HEMOSTASIS/ HUMAN/ \*LUNG  
DISEASES, drug therapy/ TUBERCULOSIS,  
PULMONARY, complications
2787. Ibolan SR: [Pneumonia in 1-year-old infants according  
to the data from the IV pediatric clinical hospital in  
Erevan] Zh Eksp Klin Med 9:91-5, 1969 (Arm)  
AGE FACTORS/ ARMENIA/ FEMALE/  
HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ INFANT/ MALE/ NUTRITION  
DISORDERS, complications/ PNEUMONIA,  
complications/ \*PNEUMONIA, diagnosis/  
PNEUMONIA, occurrence/ RICKETS,  
complications
2788. Ichikawa H: [Correlation between the clinical course of  
nasopharyngitis and the activity of fibrinolytic  
system] J Otolaryng Jap 73:220-36, Feb 70 (Jap)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AUTONOMIC DRUGS, pharmacodynamics/  
CHRONIC DISEASE/ FEMALE/  
\*FIBRINOLYSIS/ FIBRINOLYSIS,  
drug effects/ HUMAN/ MALE/ MIDDLE AGE/  
\*PHARYNGITIS, blood/ PHARYNGITIS,  
therapy
2789. Ichikawa Y, Yamano T: Preparation and  
physicochemical properties of functional  
hemoprotein P450 from mammalian tissue  
microsomes.  
Biochim Biophys Acta 200:220-40, 17 Feb 70  
\*ADRENAL GLANDS, analysis/ ANIMAL  
EXPERIMENTS/ CARBON MONOXIDE/  
CATTLE/ CHEMISTRY/ \*CYTOCHROMES/  
CYTOCHROMES, isolation & purification/  
ELECTRON SPIN RESONANCE/  
HYDROGEN-ION CONCENTRATION/  
IMIDAZOLES/ MALE/ METHODS/



# AUTHOR SECTION

- \*MICROSOMES, analysis/ \*MICROSOMES, LIVER, analysis/ MODELS, CHEMICAL/ NADP/ NITROSO COMPOUNDS/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ PIGMENTS/ PROTEIN DENATURATION/ RABBITS/ SOLUBILITY/ SPECTROPHOTOMETRY/ SWINE/ TEMPERATURE/ TRIAZOLES/ TRYPSIN/ ULTRAVIOLET RAYS
2790. Idiatullina RG: Ekskretsiia katekholaminov i nekotorye pokazateli svertyvalushchei sistemy krovi u rozhenits.  
Vop Okhr Materin Dets 14:40-2, Dec 69 (Rus)  
\*BLOOD COAGULATION/  
CATECHOLAMINES, urine/ FEMALE/  
HUMAN/ PREGNANCY/ \*PUERPERIUM
2791. Ihle JN, Dure L 3d: Hormonal regulation of translation inhibition requiring RNA synthesis.  
Biochem Biophys Res Commun 38:995-1001, 27 Mar 70  
COTTON, drug effects/ COTTON, metabolism/  
DACTINOMYCIN, pharmacodynamics/  
DEPRESSION, CHEMICAL/ METABOLISM,  
drug effects/ MODELS, BIOLOGIC/  
MORPHOGENESIS/ \*PEPTIDE HYDROLASES,  
biosynthesis/ \*PLANT GROWTH  
REGULATORS, pharmacodynamics/ PLANT  
PROTEINS, biosynthesis/ PLANTS,  
enzymology/ PLANTS, growth & development/  
\*PLANTS, metabolism/ \*RNA, MESSENGER,  
biosynthesis/ SEEDS, metabolism/ TIME  
FACTORS
2792. Iida S, Kanno M, Nakamura K: An increased sensitivity to alcohol in rabbits treated with a certain factor contained in a microsomal subfraction of the brain.  
Jap J Pharmacol 19:409-17, Sep 69  
\*ALCOHOL, ETHYL/ ANESTHESIA,  
INTRAVENOUS/ ANIMAL EXPERIMENTS/  
BRAIN, cytology/ \*BRAIN CHEMISTRY/  
CENTRIFUGATION/ CORNEA, drug effects/  
DIALYSIS/ DRUG STABILITY/ \*DRUG  
TOLERANCE, drug effects/ EDTA/ GEL  
FILTRATION/ INJECTIONS, INTRAVENOUS/  
KIDNEY, analysis/ LIVER, analysis/  
MICROSCOPY, ELECTRON/ \*MICROSOMES,  
analysis/ RABBITS/ REFLEX, drug effects/  
SUCROSE/ TIME FACTORS/ TISSUE  
EXTRACTS, pharmacodynamics/ TRYPSIN/  
VITAMIN E
2793. Iijima N, Inoue K, Yamamoto T, et al: Experimental studies on intra-abdominal adhesions.  
Postgrad Med J 46:278-82, May 70  
\*ABDOMEN/ ACID PHOSPHATASE, blood/  
\*ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ FEMALE/ GLUCURONIDASE,  
blood/ LIVER, metabolism/ MALE/ MICE/  
PERITONEUM, injuries/ \*PORPHYRINS,  
therapeutic use/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
RATS
2794. Iijima N, Yamamoto T, Inoue K: Prevention of intra-abdominal adhesions by protoporphyrin; an experimental study. Jap J Exp Med 39:311-9, Jun 69  
\*ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ FIBRINOGEN, metabolism/  
FIBRINOLYSIS, drug effects/ HYPERBARIC  
OXYGENATION/ IODINE ISOTOPES/ MALE/  
MICE/ MITOCHONDRIA, LIVER, drug effects/  
\*PERITONEAL DISEASES, prevention &  
control/ PERITONEUM, drug effects/  
\*PORPHYRINS, therapeutic use/ RATS
2795. Iijima N, Yamamoto T, Inoue K, et al: Experimental studies on dynamic behavior of cells in subcutaneous solid tumor (MH 134-C3H-He).  
Jap J Exp Med 39:205-21, Jun 69  
ANIMAL EXPERIMENTS/  
ELECTROPHYSIOLOGY/ \*HEPATOMA,  
pathology/ HEPATOMA, surgery/ LYMPH  
NODES, immunology/ MALE/ MICE/  
NECROSIS/ \*NEOPLASM METASTASIS/  
NEOPLASM TRANSPLANTATION/  
NEOPLASMS, EXPERIMENTAL, enzymology/  
\*NEOPLASMS, EXPERIMENTAL, pathology/  
NEOPLASMS, EXPERIMENTAL, surgery/
- PEPTIDE HYDROLASES, metabolism/ TISSUE  
EXTRACTS
2796. Ikari H: [Case report of hemophilia A diagnosed in the neonatal stage]  
Acta Paediat Jap 74:423-8, 1 Apr 70 (Jap)  
FACTOR VIII, analysis/ HEMOPHILIA, blood/  
\*HEMOPHILIA, diagnosis/ HUMAN/ INFANT,  
NEWBORN/ MALE/ PEDIGREE/ UMBILICAL  
CORD
2797. Iian J, Iian J, Patel N: Mechanism of gene expression in Tenebrio molitor. Juvenile hormone determination of translational control through transfer ribonucleic acid and enzyme. J Biol Chem 245:1275-81, 25 Mar 70  
ANIMAL EXPERIMENTS/ \*BEETLES, drug  
effects/ BEETLES, growth & development/  
CARBON ISOTOPES/ CELL-FREE SYSTEM/  
CHROMATOGRAPHY/ DEPRESSION,  
CHEMICAL/ GENETICS/ \*INVERTEBRATE  
HORMONES, pharmacodynamics/ JUVENILE  
HORMONE, pharmacodynamics/ LEUCINE,  
metabolism/ \*LIGASES, metabolism/  
MICROSOMES, metabolism/ PEPTIDES,  
biosynthesis/ PROTEINS, biosynthesis/  
PYROPHOSPHATES/ RIBOSOMES, metabolism/  
RNA, MESSENGER, metabolism/ \*RNA,  
SOLUBLE, metabolism/ RNA, SOLUBLE,  
pharmacodynamics/ TIME FACTORS/  
TRITIUM/ TRYPSIN/ TYROSINE, metabolism
2798. Imai H, Lee SK, Pastori SJ, et al: Degeneration of arterial smooth muscle cells: ultrastructural study of smooth muscle cell death in control and cholesterol-fed animals.  
Virchow Arch [Path Anat] 350:183-204, 1970  
ADMINISTRATION, ORAL/ ANIMAL  
EXPERIMENTS/ AORTA, ABDOMINAL,  
pathology/ \*ARTERIES, pathology/ BASEMENT  
MEMBRANE/ CAROTID ARTERIES, pathology/  
CELL NUCLEOLUS/ CELL NUCLEUS/  
\*CHOLESTEROL, adverse effects/ DIET,  
ATHEROGENIC, adverse effects/  
ENDOPLASMIC RETICULUM/ MALE/  
MICROSCOPY, ELECTRON/ MITOCHONDRIA/  
MONKEYS/ \*MUSCLE, SMOOTH, pathology
2799. Imai Y, Masuhara E: [Preparation of nonthrombogenic plastic materials]  
Rep Inst Med Dent Engn (Tokyo) 3:72-4, 1969 (Jap)  
BLOOD COAGULATION TESTS/  
HEMOGLOBIN, pharmacodynamics/ PLASTICS,  
pharmacodynamics/ POLYMERS,  
pharmacodynamics/ SPECIAL LIST DENTAL/  
THROMBOSIS, etiology
2800. Imam SA, Dutta GP: Effect of emetine hydrochloride on cysts of amoebae in presence of trypsin and lysozyme. Indian J Biochem 6:233-5, Dec 69  
\*AMOEBAS, drug effects/ ANIMAL  
EXPERIMENTS/ CELL WALL, drug effects/  
\*EMETINE, pharmacodynamics/  
HYDROCHLORIC ACID/ \*MURAMIDASE,  
pharmacodynamics/ \*TRYPSIN,  
pharmacodynamics
2801. Imamura T: [Studies on retinal artery occlusion. Results of treatment]  
Acta Soc Ophthal Jap 73:1486-94, Sep 69 (Jap)  
ADULT/ ANTICOAGULANTS, therapeutic use/  
ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ ARTERIES/ BLOOD  
PRESSURE/ COMPARATIVE STUDY/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ \*RETINAL VESSELS/ \*VASCULAR  
DISEASES, drug therapy/ VASODILATOR  
AGENTS, therapeutic use/ VISUAL ACUITY
2802. Inada M: Studies on hog intrinsic factor. II. Immunoradiographic studies of the properties of hog intrinsic factor and evidences suggesting its possible existence in hog tissues of hog intrinsic factor. J Vitamin (Kyoto) 16:17-24, 10 Mar 69  
ACETONE/ ALCOHOL, ETHYL/ ANIMAL  
EXPERIMENTS/ ANTIGENS, analysis/ BILE,  
analysis/ CHYMOTRYPSIN/ GEL DIFFUSION  
TESTS/ HEAT/ IMMUNE SERUMS/  
INTESTINES, analysis/ \*INTRINSIC FACTOR,  
analysis/ INTRINSIC FACTOR, blood/  
KIDNEY, analysis/ LIVER, analysis/ PEPTIDE



## AUTHOR SECTION

- PEPTIDOHYDROLASES, analysis/  
RADIOAUTOGRAPHY/ SPLEEN, analysis/  
STOMACH, analysis/ SWINE/ THYROID  
GLAND, analysis/ TRYPSIN/ UREA
2803. Inada Y, Matsushima A, Kotoku I, et al: Molecular weight and amino acid composition of equine thrombin. *J Biochem (Tokyo)* 68:193-8, Aug 70  
\*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ GEL FILTRATION/ HEXOSES, analysis/ HORSES/ \*MOLECULAR WEIGHT/ \*THROMBIN, analysis/ THROMBIN, isolation & purification/ THROMBIN, metabolism/ ULTRACENTRIFUGATION
2804. Inagami T: A kinetic study of the trypsin catalyzed hydrolysis of a specific anilide substrate. *J Biochem (Tokyo)* 66:277-9, Aug 69  
\*ANILIDES/ ARGININE/ BENZENE/ BIOCHEMISTRY/ DIMETHYLFORMAMIDE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYDROXAMIC ACID/ HYDROXYLAMINES, pharmacodynamics/ KINETICS/ SOY BEANS/ \*TRYPSIN
2805. Inbar M, Sachs L: Interaction of the carbohydrate-binding protein concanavalin A with normal and transformed cells. *Proc Nat Acad Sci USA* 63:1418-25, Aug 69  
AGGLUTINATION, drug effects/ ANIMAL EXPERIMENTS/ \*BINDING SITES/ \*CARBOHYDRATES/ \*CELL TRANSFORMATION, NEOPLASTIC/ HAMSTERS/ HUMAN/ LEUKEMIA, EXPERIMENTAL/ PLANT EXTRACTS/ POLYOMA VIRUS/ \*PROTEIN BINDING/ RATS/ TISSUE CULTURE/ TRYPSIN
2806. Inceman S, Tangün Y: Platelet factor 3 availability in Glanzmann's disease. *Israel J Med Sci* 5:1259-62, Nov-Dec 69  
\*AGAMMAGLOBULINEMIA, blood/ BLOOD COAGULATION/ BLOOD PLATELETS, analysis/ CLOT RETRACTION/ HUMAN/ \*THROMBOPLASTIN, analysis/ \*THYMUS GLAND, abnormalities/ TIME FACTORS
2807. Inceman S, Tangün Y: Thrombopathie au cours d'une leucémie benzolique. *Nouv Rev Franc Hemat* 9:573-4, Jul-Aug 69 (Fre)  
ADENINE NUCLEOTIDES, pharmacodynamics/ BENZENE/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, etiology/ \*BLOOD PLATELETS/ COLLAGEN, pharmacodynamics/ DENSITOMETRY/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ KAOLIN/ LEUKEMIA, MYELOBLASTIC, chemically induced/ \*LEUKEMIA, MYELOBLASTIC, complications/ PLATELET ADHESIVENESS
2808. Inglis AS, Liu TY: The stability of cysteine and cystine during acid hydrolysis of proteins and peptides. *J Biol Chem* 245:112-6, 10 Jan 70  
ALCOHOLS/ CATTLE/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ \*CYSTEINE, analysis/ \*CYSTINE, analysis/ GLUTATHIONE/ INDOLES/ METHODS/ MURAMIDASE, analysis/ OVUM/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDES, analysis/ PROTEIN HYDROLYSATES, analysis/ \*PROTEINS, analysis/ RIBONUCLEASE/ STREPTOCOCCUS/ SULFUR/ TRYPTOPHAN/ WOOL, analysis
2809. Ingram GI, Knights SF, Hills M: A new heparin assay. *Brit J Haemat* 17:612, Dec 69  
BIOLOGICAL ASSAY/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ COLLAGEN/ \*HEPARIN, analysis/ HUMAN/ IN VITRO
2810. Inman JK, Dintzis HM: The derivatization of cross-linked polyacrylamide beads. Controlled introduction of functional groups for the preparation of special-purpose, biochemical adsorbents. *Biochemistry (Wash)* 8:4074-82, Oct 69  
\*ACRYLATES/ \*ADSORPTION/ AMINES/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ CATTLE/ \*CHROMATOGRAPHY, ION EXCHANGE/ DIAZONIUM COMPOUNDS/ DIMETHYLFORMAMIDE/ ETHYLENEDIAMINES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ MURAMIDASE/ PROTEIN BINDING/ RABBITS/ SERUM ALBUMIN, BOVINE/ TRYPSIN
2811. Innerfield I, Rowley GR, Cutler R, et al: Casein clearing: a rapid test for proteolytic activity. *Exp Med Surg* 26:152-5, Mar 68  
BACTERIA, enzymology/ \*CASEIN/ CHEMISTRY/ CYSTADENOMA, diagnosis/ FEMALE/ HUMAN/ METHODS/ OVARIAN NEOPLASMS, diagnosis/ PANCREATIC CYST, diagnosis/ \*PEPTIDE HYDROLASES, analysis/ TRYPSIN, analysis
2812. Ino A, Nohara M, Suzuki M, et al: [Pericardial cyst: report of a case] *Jap J Thorac Surg* 23:283-7, 1 Apr 70 (Jap)  
ADOLESCENCE/ CASE REPORT/ CYSTS/ ENGLISH ABSTRACT/ \*HEART NEOPLASMS/ \*HEMANGIOMA/ HUMAN/ MALE/ \*PERICARDIUM
2813. Inoue S, Ando T: Interaction of clupeine with deoxyribonucleic acid. II. Optical rotatory dispersion studies. *Biochemistry (Wash)* 9:395-8, 20 Jan 70  
ARGININE/ CHEMISTRY/ CHEMISTRY, ANALYTICAL/ \*DNA/ DRUG STABILITY/ FISHES/ HEAT/ LYSINE/ MALE/ NUCLEIC ACID DENATURATION/ OPTICAL ROTATORY DISPERSION/ ORNITHINE/ \*PEPTIDES/ PHOSPHORUS/ \*PROTAMINES/ SPERMATOZOA/ ULTRAVIOLET RAYS/ VIBRATION
2814. Inoue S, Ando T: Interaction of clupeine with deoxyribonucleic acid. I. Thermal melting and sedimentation studies. *Biochemistry (Wash)* 9:388-94, 20 Jan 70  
ANIMAL EXPERIMENTS/ ARGININE/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY/ DIALYSIS/ \*DNA/ DRUG STABILITY/ FISHES/ LYSINE/ MALE/ METHODS/ NUCLEIC ACID DENATURATION/ ORNITHINE/ OSMOLAR CONCENTRATION/ PEPTIDES/ PHOSPHORUS/ \*PROTAMINES/ PROTAMINES, analysis/ SOLUBILITY/ SPECTROPHOTOMETRY/ SPERMATOZOA/ TEMPERATURE/ TESTIS/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS/ VIBRATION
2815. Inoue S, Fuke M: An electron microscope study of deoxyribonucleoproteins. *Biochim Biophys Acta* 204:296-303, 15 Apr 70  
ANIMAL EXPERIMENTS/ \*DNA/ HUMAN/ MICROSCOPY, ELECTRON/ \*NUCLEOPROTEINS/ \*PROTAMINES/ SALMONIDAE/ \*SPERMATOZOA/ TESTIS
2816. Inouye A, Kataoka K, Sorimachi M, et al: 5-hydroxytryptamine releasing effect on domestic fowl thrombocytes of the alkali kidney extract and some drugs. *Europ J Pharmacol* 8:200-3, Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ CHICKENS/ GLUCOSE, pharmacodynamics/ KIDNEY, metabolism/ \*OLEIC ACID, pharmacodynamics/ RESERPINE, pharmacodynamics/ \*SEROTONIN, metabolism/ SWINE/ THROMBIN, pharmacodynamics/ \*TISSUE EXTRACTS, pharmacodynamics
2817. Inouye A, Shio H, Sorimachi M, et al: Unsaturated fatty acids: platelet-serotonin releasers in tissue extract. *Experientia* 26:308-9, 15 Mar 70  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ GLUCOSE, pharmacodynamics/ \*KIDNEY/ LINOLEIC ACID, pharmacodynamics/ MANNOSE, pharmacodynamics/ OLEIC ACID, pharmacodynamics/ \*SEROTONIN, metabolism/



# AUTHOR SECTION

- STIMULATION, CHEMICAL/ SWINE/ \*TISSUE  
EXTRACTS, pharmacodynamics
2818. Inui M, Chiba R, Shike S: An autopsy case of  
klippel-trenaunay-Weber's disease.  
Acta Path Jap 19:251-63, May 69  
ADOLESCENCE/ \*ANGIOMATOSIS/ AUTOPSY/  
HEART, pathology/ HUMAN/ HYPERTROPHY/  
KERATOSIS/ KIDNEY, pathology/ LIVER,  
pathology/ LUNG, pathology/ MALE/  
MEDICAL HISTORY TAKING/ MESENTERIC  
ARTERIES, pathology/ PAPILLOMA/ SPLEEN,  
pathology/ SPLENIC ARTERY, pathology/  
THORAX, pathology
2819. Ioakimides O: Epi mias spanias periptoseos syndromou  
ton Sturge-Weber meta Klippel-Trenaunay.  
Stomatologia (Athen) 26:301-7, Sep-Oct 69 (Gre)  
ADOLESCENCE/ \*ANGIOMATOSIS/ CASE  
REPORT/ ENGLISH ABSTRACT/ HUMAN/  
MALE/ \*MOUTH DISEASES
2820. Iolster NJ: Blood coagulation in children with cyanotic  
congenital heart disease.  
Acta Paediat Scand 59:551-7, Sep 70  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
FACTORS, analysis/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS/ CHILD/ CHILD,  
PRESCHOOL/ FACTOR VII, analysis/  
FIBRINOGEN, analysis/ \*HEART DEFECTS,  
CONGENITAL, blood/ HEART DEFECTS,  
CONGENITAL, complications/ HEMOGLOBIN/  
INFANT/ POSTOPERATIVE COMPLICATIONS/  
TETRALOGY OF FALLOT/ THROMBOPENIA,  
complications/ THROMBOSIS
2821. Ionăşescu R: Adezivitatea plachetară. Tehnica pentru  
testare in vitro.  
Med Intern (Bucur) 22:761-4, Jun 70 (Rum)  
ADULT/ \*BLOOD PLATELETS/ HUMAN/ IN  
VITRO/ PLATELET ADHESIVENESS, analysis
2822. Ionescu MI, Ross DN, Deac R, et al: Autologous fascia  
lata for heart valve replacement.  
Thorax 25:46-56, Jan 70  
ADOLESCENCE/ ADULT/ AGED/  
ANTICOAGULANTS/ AORTIC VALVE,  
surgery/ CHILD/ CINEANGIOGRAPHY/  
FASCIA, physiology/ \*FASCIA, transplantation/  
FEMALE/ HEART VALVE DISEASES,  
mortality/ HEART VALVE DISEASES,  
surgery/ HEART VALVE PROSTHESIS/  
\*HEART VALVES, surgery/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ MITRAL VALVE,  
surgery/ POSTOPERATIVE COMPLICATIONS/  
THROMBOEMBOLISM, occurrence/  
TRANSPLANTATION, AUTOLOGOUS/  
TRICUSPID VALVE, surgery
2823. Ippen H: Haarausfall durch Medikamente.  
Deutsch Med Wschr 95:1411-6, 26 Jun 70 (62 ref.) (Ger)  
\*ALOPECIA, chemically induced/ ALOPECIA,  
metabolism/ ALOPECIA, veterinary/ AMINO  
ACIDS, adverse effects/ ANTICOAGULANTS,  
adverse effects/ ANTINEOPLASTIC AGENTS,  
adverse effects/ COMPARATIVE STUDY/  
DOPA, adverse effects/ HAIR, pathology/  
HUMAN/ NICOTINIC ACID, adverse effects/  
PLANT EXTRACTS, adverse effects/  
PLANTS, EDIBLE/ REVIEW/ SHEEP  
DISEASES, chemically induced/ THALLIUM,  
adverse effects/ THIOURACIL,  
adverse effects/ TRIPARANOL, adverse  
effects/ TRYPTOPHAN, adverse effects/  
VITAMIN A, adverse effects
2824. Irion E, Blombäck M: Prostaglandins in platelet  
aggregation. Scand J Clin Lab Invest 24:141-4, Sep 69  
ADENINE NUCLEOTIDES, antagonists &  
inhibitors/ ADENINE NUCLEOTIDES,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ \*BLOOD PLATELETS, drug  
effects/ HUMAN/ IN VITRO/ PLATELET  
ADHESIVENESS, drug effects/  
\*PROSTAGLANDINS, pharmacodynamics
2825. Iritani N, Nakanishi S, Numa S: Alterations in the  
sensitivity to effectors of rat liver acetyl-CoA  
carboxylase following trypsin treatment.  
Life Sci 8:1157-65, 15 Nov 69  
ANIMAL EXPERIMENTS/ BINDING SITES,  
drug effects/ BIOLOGICAL ASSAY/  
CENTRIFUGATION, DENSITY GRADIENT/  
COENZYME A/ IN VITRO/ \*LIGASES/  
LIGASES, antagonists & inhibitors/ LIGASES,  
isolation & purification/ \*LIVER, enzymology/  
RATS/ STIMULATION, CHEMICAL/  
\*TRYPSIN, pharmacodynamics
2826. Iritani N, Takeuchi N: Influence of lactose feeding on  
cholesterol absorption and metabolism.  
J Atheroscler Res 10:207-16, Sep-Oct 69  
ANIMAL EXPERIMENTS/ BILE, analysis/  
BILE ACIDS AND SALTS, analysis/  
BIOLOGICAL TRANSPORT, drug effects/  
CARBON ISOTOPES/ \*CHOLESTEROL,  
metabolism/ DEPRESSION, CHEMICAL/ DIET,  
ATHEROGENIC/ INJECTIONS,  
INTRAVENOUS/ \*INTESTINAL ABSORPTION,  
drug effects/ INTESTINE, SMALL, analysis/  
\*LACTOSE, pharmacodynamics/ LIVER,  
analysis/ MALE/ RATS/ STEROLS, analysis/  
STIMULATION, CHEMICAL
2827. Irvine AR, Kaufman HE: Intraocular pressure following  
penetrating keratoplasty.  
Amer J Ophthalm 68:835-44, Nov 69  
ACETAZOLAMIDE, therapeutic use/  
ADOLESCENCE/ ADULT/ AGED/ CATARACT  
EXTRACTION/ CHYMOTRYPSIN, therapeutic  
use/ CORNEA, injuries/ \*CORNEA,  
transplantation/ DEXAMETHASONE,  
therapeutic use/ ELECTRONICS, MEDICAL/  
EYE BURNS, surgery/ GLAUCOMA, drug  
therapy/ GLAUCOMA, etiology/ HUMAN/  
\*INTRAOCULAR PRESSURE/ IRITIS, surgery/  
KERATOCONUS, surgery/ MIDDLE AGE/  
PILOCARPINE, therapeutic use/  
POSTOPERATIVE COMPLICATIONS/ PUPIL/  
TONOMETRY
2828. Isaacs WA: Gene expression in an interspecific hybrid:  
analysis of hemoglobins in donkey, horse, and mule by  
peptide mapping. Biochem Genet 4:73-85, Feb 70  
ALANINE, analysis/ AMINO ACID  
SEQUENCE/ AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ ASPARAGINE,  
analysis/ BLOOD PROTEIN  
ELECTROPHORESIS/ GENES, REGULATOR/  
\*GENETICS, BIOCHEMICAL/ GLYCINE,  
analysis/ \*HEMOGLOBIN/ HISTIDINE,  
analysis/ HORSES/ HYBRIDIZATION/  
\*PEPTIDES, analysis/ PERISSODACTYLA/  
TRYPSIN
2829. Isacson S: Effect of prednisolone on the coagulation  
and fibrinolytic systems. Scand J Haemat 7:212-6, 1970  
ADOLESCENCE/ ADULT/ BIOPSY/ \*BLOOD  
COAGULATION, drug effects/ FEMALE/  
\*FIBRINOLYSIS, drug effects/ HUMAN/  
MALE/ PLASMINOGEN/ \*PREDNISOLONE,  
pharmacodynamics
2830. Isacson S, Linell F, Möller H, et al: Coagulation and  
fibrinolysis in chronic panniculitis.  
Acta Dermatovenere (Stockholm) 50:213-7, 1970  
ADULT/ AGED/ \*BLOOD COAGULATION/  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION TESTS/ CHRONIC  
DISEASE/ FEMALE/ \*FIBRINOLYSIS/  
HUMAN/ MALE/ MIDDLE AGE/  
\*PANNICULITIS, NODULAR  
NONSUPPURATIVE, blood/ PLATELET  
ADHESIVENESS
2831. Isacson S, Nilsson IM: The kidneys and the fibrinolytic  
activity in the blood.  
Thromb Diath Haemorrh 22:211-5, 15 Nov 69  
ADOLESCENCE/ ADULT/ FEMALE/ FIBRIN,  
metabolism/ \*FIBRINOLYSIS/ FIBRINOLYTIC  
AGENTS, metabolism/ HEMODIALYSIS/  
HISTOCYTOCHEMISTRY/ HUMAN/ \*KIDNEY,  
physiology/ KIDNEY DISEASES, therapy/  
MACROGLOBULINS, metabolism/ MALE/  
NEPHRECTOMY/ PLASMINOGEN, antagonists  
& inhibitors/ PLASMINOGEN, metabolism/  
VEINS, metabolism
2832. Isawa T, Benfield JR, Johnson DE, et al: Lung scanning



## AUTHOR SECTION

- and differential bronchospirometry: a comparative study. Surg Forum 20:230-1, 1969  
ANIMAL EXPERIMENTS/  
\*BRONCHOSPIROMETRY/ COMPARATIVE  
STUDY/ DOGS/ HEMOSTASIS/ IODINE  
ISOTOPES, DIAGNOSTIC/ PNEUMONECTOMY/  
PULMONARY ARTERY/ \*PULMONARY  
CIRCULATION/ \*RADIOISOTOPE SCANNING/  
REIMPLANTATION/ \*RESPIRATION/  
TECHNETIUM
3. Isayama Y: [Tumors of the fundus oculi]  
Ophthalmology (Tokyo) 12:648-57, Aug 70 (Jap)  
ANGIOMATOSIS/ CHILD, PRESCHOOL/  
CHOROID NEOPLASMS/ \*EYE NEOPLASMS/  
FEMALE/ \*FUNDUS OCULI/ HEMANGIOMA/  
HUMAN/ INFANT/ MALE/ MELANOMA/  
NEUROEPITHELIOMA/  
NEUROFIBROMATOSIS/ RETINOBLASTOMA/  
TUBEROUS SCLEROSIS
4. Ishida M, Hamaguchi K, Ikenaka T: A study on the  
interaction of soybean trypsin inhibitor with trypsin  
by circular dichroism.  
J Biochem (Tokyo) 67:363-71, Mar 70  
CALCIUM CHLORIDE/ CHEMISTRY/  
CIRCULAR DICHROISM/ FLUOROMETRY/  
HYDROGEN-ION CONCENTRATION/ \*SOY  
BEANS/ \*TRYPSIN/ \*TRYPSIN INHIBITORS
5. Ishida N: [One case of choroidal hemangioma]  
Folia Ophthal Jap 21:177-86, Mar 70 (Jap)  
ADULT/ CASE REPORT/ \*CHOROID  
NEOPLASMS/ CHOROID NEOPLASMS,  
pathology/ ENGLISH ABSTRACT/  
\*HEMANGIOMA, CAVERNOUS/  
HEMANGIOMA, CAVERNOUS, pathology/  
HUMAN/ MALE
6. Ishihara S: Clinical and experimental evaluation of  
urinary histidine derivatives as an index of folic acid  
metabolism. II. The observation in neoplastic diseases  
with or without methotrexate administration.  
J Vitamin (Kyoto) 15:305-20, 10 Dec 69  
ADULT/ AGED/ ANIMAL EXPERIMENTS/  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
DOGS/ FEMALE/ FIGLU TEST/ \*FOLIC  
ACID, metabolism/ \*HISTIDINE, urine/  
HUMAN/ LEUKOCYTE COUNT/ LIVER  
NEOPLASMS/ LUNG NEOPLASMS, urine/  
MALE/ \*METHOTREXATE, pharmacodynamics/  
METHOTREXATE, therapeutic use/ MIDDLE  
AGE/ \*NEOPLASMS, urine
7. Ishikawa H: Isolation of different types of anterior  
pituitary cells in rats. Endocr Jap 16:517-29, Oct 69  
ANIMAL EXPERIMENTS/ CENTRIFUGATION/  
CLOSTRIDIOPROTEINASE A,  
pharmacodynamics/ DEXTRAN,  
pharmacodynamics/ FILTRATION/  
\*HISTOLOGICAL TECHNIQUES/ METHODS/  
MICROSCOPY, ELECTRON/  
PANCREATOPEPTIDASE, pharmacodynamics/  
\*PITUITARY GLAND, cytology/ RATS/  
STAINS AND STAINING/ SURGICAL MESH/  
TRYPSIN, pharmacodynamics
8. Ishikawa S: Properties of an oxidative phosphorylation  
system reconstituted from coupling factors in  
Micrococcus lysodelfticus.  
J Biochem (Tokyo) 67:297-312, Feb 70  
ADENOSINE TRIPHOSPHATASE, metabolism/  
ANTIBIOTICS, pharmacodynamics/ CELL  
MEMBRANE, metabolism/  
CHROMATOGRAPHY/ EDTA,  
pharmacodynamics/ ENERGY TRANSFER/  
HEAT/ \*MICROCOCCUS, metabolism/  
MITOCHONDRIA, metabolism/ \*OXIDATIVE  
PHOSPHORYLATION/ OXIDATIVE  
PHOSPHORYLATION, drug effects/  
PHOSPHATES, pharmacodynamics/ TRYPSIN,  
pharmacodynamics/ TYROTHRININ,  
pharmacodynamics
9. Ishikawa T, Toh-E A, Uno I, et al: Isolation and  
characterization of nuclease mutants in Neurospora  
crassa. Genetics 63:75-92, Sep 69  
DEOXYRIBONUCLEASE, antagonists &  
inhibitors/ \*DEOXYRIBONUCLEASE, isolation  
& purification/ GENES/ GENETICS,  
MICROBIAL/ \*MUTATION/ \*NEUROSPORA,  
enzymology/ NUCLEIC ACIDS, metabolism/  
NUCLEOTIDES, metabolism/ PEPTIDE  
HYDROLASES, pharmacodynamics/  
RIBONUCLEASE, antagonists & inhibitors/  
\*RIBONUCLEASE, isolation & purification
2840. Ishimori A, Sakurada H: [Measurement of pH activity  
curve of urinary proteolytic enzyme]  
Saishin Igaku 25:1961-5, Sep 70 (Jap)  
HUMAN/ \*HYDROGEN-ION CONCENTRATION/  
\*PEPTIDE HYDROLASES, urine
2841. Ishioka T, Matsumura T, Shimamoto T: Effects of  
adrenaline and noradrenaline on euglobulin lysis time  
and effects of adrenergic receptor blocking agents on  
shortening of lysis time by adrenaline.  
Angiologica (Basel) 7:104-8, 1970  
ADOLESCENCE/ ADRENERGIC ALPHA  
RECEPTOR BLOCKADERS, pharmacodynamics/  
ADRENERGIC BETA RECEPTOR  
BLOCKADERS, pharmacodynamics/ ADULT/  
AGED/ CLINICAL RESEARCH/  
\*EPINEPHRINE, pharmacodynamics/ FEMALE/  
\*FIBRINOLYSIS, drug effects/ HUMAN/  
INJECTIONS, INTRAVENOUS/ MALE/  
MIDDLE AGE/ \*NOREPINEPHRINE,  
pharmacodynamics/ PHENOXYBENZAMINE,  
pharmacodynamics/ PRONETHALOL,  
pharmacodynamics/ \*SERUM GLOBULINS,  
metabolism/ \*SYMPATHOLYTICS,  
pharmacodynamics/ TIME FACTORS
2842. Ishiyama E: Semiquantitative analysis of acid  
mucopolysaccharides in the guinea pig's cochlea.  
Pract Otorhinolaryng (Basel) 31:274-82, 1969  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY, THIN LAYER/  
\*COCHLEA, analysis/ COCHLEA, physiology/  
GUINEA PIGS/ HISTOCYTOCHEMISTRY/  
\*LABYRINTHINE FLUIDS, analysis/  
\*MUCOPOLYSACCHARIDES, analysis/  
TRYPSIN
2843. Ishizu H: Relationship between anaphylactic shock and  
fibrinolysis. Jap J Leg Med 23:218-29, May 69  
ACETYLCHOLINE/ ADRENALECTOMY/  
\*ANAPHYLAXIS, physiopathology/ ANIMAL  
EXPERIMENTS/ FEMALE/ \*FIBRINOLYSIS/  
GUINEA PIGS/ HISTAMINE/ MALE/ SHOCK,  
physiopathology
2844. Ishizu H: Relationship between anaphylactic shock and  
fibrinolysis (a supplemental study).  
Jap J Leg Med 23:230-40, May 69  
ACETYLCHOLINE, pharmacodynamics/  
\*ANAPHYLAXIS, physiopathology/ ANIMAL  
EXPERIMENTS/ DOGS/ FEMALE/  
\*FIBRINOLYSIS/ MALE/ SHOCK,  
physiopathology/ TIME FACTORS
2845. Isidori A, Butti A, Rossi G: Studio dell'attività  
antilipemica e fibrinolitica di un  
sulfomucopolisaccaride estrattivo nella malattia  
aterosclerotica.  
Minerva Med 60:Suppl 99:5077+, 12 Dec 69 (Ita)  
\*ARTERIOSCLEROSIS, drug therapy/ \*BLOOD  
COAGULATION, drug effects/ CHOLESTEROL,  
blood/ ENGLISH ABSTRACT/ FIBRINOLYSIS,  
drug effects/ \*HEPARIN, therapeutic use/  
\*HEPARINOID, therapeutic use/ HUMAN/  
\*LIPIDS, blood/ \*PLACEBOS, therapeutic use
2846. Islamov II: Vlianie e-aminokapronovoi kisloty na  
transkapillarnyi obmen vody i belkov v organizme  
sobak pri toksicheskom oteke legkikh (k voprosu o  
sushchestvovanii fibrinovogo sloia v sosudakh)  
Pat Fiziol Eksp Ter 13:27-31, Nov-Dec 69 (Rus)  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD VESSELS/  
\*CAPILLARY PERMEABILITY, drug effects/  
DISEASE MODELS, ANIMAL/ DOGS/  
ENGLISH ABSTRACT/ FEMALE/ \*FIBRIN/  
MALE/ PROTEINS/ \*PULMONARY EDEMA,  
prevention & control/ WATER
2847. Isler O: Developments in the field of vitamins.  
Experientia 26:225-40, 15 Mar 70  
ACETONE/ ALCOHOLS, chem synthesis/  
ASCORBIC ACID, biosynthesis/ ASCORBIC



# AUTHOR SECTION

- ACID, chem synthesis/ BIOTIN, biosynthesis/  
CHOLECALCIFEROL, biosynthesis/ FOLIC  
ACID, biosynthesis/ NICOTINAMIDE,  
biosynthesis/ PANTOTHENIC ACID,  
biosynthesis/ PHYTONADIONE, chem  
synthesis/ PYRIDOXINE/ RIBOFLAVIN,  
biosynthesis/ STEREOISOMERS/ THIAMINE/  
UBIQUINONE/ VITAMIN A, chem synthesis/  
VITAMIN B 12, chem synthesis/ VITAMIN E,  
chem synthesis/ \*VITAMINS/ VITAMINS,  
physiology
2848. Isobe S, Ando T, Yoshida T, et al: [Clinical studies of  
tryptic digests of bovine growth hormone (TBGH)]  
Clin Endocr (Tokyo) 18:757-60, Sep 70 (Jap)  
ADOLESCENCE/ ANTIBODIES, analysis/  
BLOOD SUGAR, analysis/ DWARFISM,  
PITUITARY, drug therapy/ FATTY ACIDS,  
NONESTERIFIED, blood/ HUMAN/  
PEPTIDES, pharmacodynamics/ PEPTIDES,  
therapeutic use/ \*SOMATOTROPIN,  
pharmacodynamics/ SOMATOTROPIN,  
therapeutic use/ \*TRYPSIN, pharmacodynamics
2849. Isogai Y, Ichiba K, Iida A, et al: [Blood rheology, with  
special reference to its significance in clinical internal  
medicine]  
Saishin Igaku 24:2097-118, Oct 69 (111 ref.) (Jap)  
ACIDOSIS, physiopathology/ ANEMIA, SICKLE  
CELL, physiopathology/ \*BLOOD/ BLOOD  
VISCOSITY/ DIABETES MELLITUS,  
physiopathology/ ERYTHROCYTES/  
HEMATOCRIT/ HISTORICAL ARTICLE/  
HISTORY OF MEDICINE, 18TH CENT./  
HISTORY OF MEDICINE, 19TH CENT./  
HISTORY OF MEDICINE, 20TH CENT./  
HUMAN/ INTERNAL MEDICINE/  
MACROGLOBULINEMIA, physiopathology/  
MYOCARDIAL INFARCT, physiopathology/  
NEOPLASMS, physiopathology/  
POLYCYTHEMIA, physiopathology/ REVIEW/  
\*RHEOLOGY/ RHEOLOGY, history/ SHOCK,  
physiopathology/ VISCOSITY
2850. Isogai Y, Ichiba K, Iida A, et al: On the interrelation  
between blood viscosity and the erythrocyte  
sedimentation rate. Biorheology 6:245, Jan 70  
\*BLOOD SEDIMENTATION/ \*BLOOD  
VISCOSITY/ FIBRINOGEN, analysis/  
HEMATOCRIT/ HUMAN/ PLASMA/ SERUM  
GLOBULINS, analysis
2851. Isojima S, Kayama K, Tanaka C, et al: [Relationship  
between antigenicity and bioassay of human chorionic  
gonadotropin]  
Clin Endocr (Tokyo) 17:650-5, Aug 69 (Jap)  
ANTIBODIES/ ANTIGEN-ANTIBODY  
REACTIONS/ \*ANTIGENS/ \*BIOLOGICAL  
ASSAY/ CELLULOSE/ CHROMATOGRAPHY/  
FEMALE/ GEL FILTRATION/  
\*GONADOTROPINS, CHORIONIC, analysis/  
GONADOTROPINS, CHORIONIC, blood/  
GONADOTROPINS, CHORIONIC, urine/  
HUMAN/ \*IMMUNOASSAY/ PEPTIDE  
HYDROLASES, pharmacodynamics/  
PREGNANCY/ RADIOIMMUNOASSAY
2852. Ito K: Studies on morphological precursors of the  
mouse hepatoma induced with o-aminoozotoluene. II.  
Sequence to the development of hepatoma and its  
gradation with strain SL mice.  
Mie Med J 19:173-87, Sep 69  
AMYLOIDOSIS/ ANIMAL EXPERIMENTS/  
FEMALE/ HEMANGIOENDOTHELIOMA/  
\*HEPATOMA, chemically induced/  
HEPATOMA, pathology/ LEUKEMIA/ LIVER  
NEOPLASMS/ LUNG NEOPLASMS/ MALE/  
MAMMARY NEOPLASMS, EXPERIMENTAL/  
MICE/ \*TOLUENE, physiology
2853. Ito T, Takizawa S, Ito A, et al: [A comparative study of  
the effects of x-ray and cyclophosphamide (endoxan)  
on the hematopoietic tissue in mice]  
Acta Haemat Jap 31:1082-104, Nov 68 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS/ BONE MARROW/  
\*CYCLOPHOSPHAMIDE, pharmacodynamics/  
ENGLISH ABSTRACT/ ERYTHROCYTES/  
\*HEMATOPOIETIC SYSTEM, drug effects/  
\*HEMATOPOIETIC SYSTEM, radiation effects/
- IRON ISOTOPES/ LEUKOCYTES/ MICE/  
\*RADIATION EFFECTS/ TIME FACTORS
2854. Iurlov VM: Izmeneniia gemokoagullatsii i nekotorykh  
pokazatelei perifericheskoi krovi u bol'nykh  
anemiiami pri perelivani  
gemoglobinsoderzhashchego preparata érigem.  
Ter Arkh 41:55-61, Jul 69 (Ru)  
ANEMIA, physiopathology/ \*ANEMIA, therapy/  
\*BLOOD COAGULATION/ \*BLOOD  
TRANSFUSION/ ERYTHROCYTE COUNT/  
FEMALE/ \*HEMOGLOBIN, administration &  
dosage/ HUMAN/ KIDNEY, physiopathology/  
LIVER, physiopathology/ MALE
2855. Iusim EM: K voprosu o fibrinoliticheskoi aktivnosti  
tkani matki pri nekotorykh ginekologicheskikh  
zabolevaniakh. Sovet Med 32:36-41, Dec 69 (Ru)  
ADULT/ AGED/ FEMALE/ \*FIBRINOLYSIS/  
\*GYNECOLOGIC DISEASES, blood/ HUMAN/  
MENSTRUATION DISORDERS, blood/ MIDDLE  
AGE/ \*MYOMA, blood/ UTERINE  
HEMORRHAGE, blood/ \*UTERINE  
NEOPLASMS, blood/ UTERUS
2856. Ivaniuta OM, Fomicheva NI, Chaban VM: Izmene  
svertyvaniia krovi u bol'nykh tuberkulezom legkikh  
protssesse lecheniia ikh preparatami pervogo r  
Vrach Delo 8:38-9, Aug 69 (Ru)  
ADOLESCENCE/ ADULT/ AGED/  
AMINOSALICYLIC ACID, administration &  
dosage/ \*ANTITUBERCULAR AGENTS,  
administration & dosage/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ HUMAN/ INFANT/  
INJECTIONS, INTRAMUSCULAR/  
INJECTIONS, INTRAVENOUS/ ISONIAZID,  
administration & dosage/ MALE/ MIDDLE  
AGE/ STREPTOMYCIN, administration &  
dosage/ \*TUBERCULOSIS, PULMONARY,  
blood/ \*TUBERCULOSIS, PULMONARY, drug  
therapy
2857. Ivanov EP: O nekotorykh voprosakh mekhanizma  
sposobakh ucheta spontannogo fibrinoliza plazmy  
krovi. Lab Delo 2:81-7, 1970 (Ru)  
\*FIBRINOLYSIS/ HUMAN/ MATHEMATICS/  
METHODS
2858. Ivanov EP, Danilin II: Mikrometod izucheniia  
sostoiianiia svertyvalushchei sistemy krovi.  
Lab Delo 8:500-3, 1969 (Ru)  
\*BLOOD COAGULATION TESTS/ \*BLOOD  
COAGULATION TESTS, instrumentation/  
HUMAN/ METHODS/ MICROCHEMISTRY
2859. Ivanov LV: Shtamp dlia zapolneniia étiketok  
Probl Gemat 13:60, May 68 (Ru)  
\*BLOOD PRESERVATION, instrumentation/  
DRUG LABELING/ \*HOSPITAL MEDICATION  
SYSTEMS/ USSR
2860. Ivanova LG, Bulatova TI, Matveev KI: Preparativnoe  
vydelenie i immunokhimicheskoe issledovanie  
N-antigennykh komponentov Cl. botulinum tipov  
B. Zh Mikrobiol 46:51-8, Dec 69 (Ru)  
\*ANTIGENS, isolation & purification/  
\*BACTERIAL PROTEINS, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CLOSTRIDIUM BOTULINUM, analysis/  
\*CLOSTRIDIUM BOTULINUM, immunology/  
ENGLISH ABSTRACT/ GEL DIFFUSION  
TESTS/ GEL FILTRATION/ NUCLEIC ACID  
analysis/ NUCLEOPROTEINS, analysis/  
\*POLYSACCHARIDES, BACTERIAL, analysis/  
PRECIPITIN TESTS/ SEROTYPING/ SPECIFICITY/ TRYPSIN
2861. Ivanova NP, Shesternia: Primenenie fibrinolizina  
lechenii otmorozhenii.  
Ortop Travm Protez 31:50-1, Mar 70 (Ru)  
ADULT/ ANTIHISTAMINICS, therapeutic use/  
ASCORBIC ACID, therapeutic use/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIN, therapeutic use/  
\*FROSTBITE, drug therapy/ HUMAN/ MALE/  
PROCAINE/ VASODILATOR AGENTS,  
therapeutic use
2862. Ivanova RK: Vliianie orotovoï kisloty na



## AUTHOR SECTION

- trombotsitopoez pri ostrom massivnom krvopuskanii u morskikh svinov.  
Pat Fiziol Eksp Ter 13:71-2, Mar-Apr 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS/ ENGLISH ABSTRACT/ GUINEA  
PIGS/ \*HEMATOPOIESIS, drug effects/  
\*HEMORRHAGE, blood/ \*OROTIC ACID,  
therapeutic use
63. Ivleva A Ia: Vlianie antibiotikov glikopeptidnogo stroenila na sodержania fibrinogena i fibrinoliticheskuyu aktivnost' krovi.  
Farmakol Toksik 32:719-23, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ ANTIBIOTICS,  
administration & dosage/ \*ANTIBIOTICS,  
pharmacodynamics/ COMPARATIVE STUDY/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ \*FIBRINOGEN, analysis/  
\*FIBRINOLYSIS, drug effects/ HEPARIN,  
administration & dosage/ \*HEPARIN,  
pharmacodynamics/ MALE/ RATS/  
STIMULATION, CHEMICAL/ TIME FACTORS
64. Iwai K, Ishikawa K, Hayashi H: Amino-acid sequence of slightly lysine-rich histone.  
Nature (London) 226:1056-8, 13 Jun 70  
\*AMINO ACID SEQUENCE/ CATTLE/  
CHYMOTRYPSIN/ DNA/ \*HISTONES, analysis/  
\*LYSINE/ PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ PROTEIN BINDING/ THYMUS  
GLAND/ TRYPSIN
65. Iwanaga Y, Tanimura A, Kitsukawa H, et al: The role of endothelial cells in the pathogenesis of atherosclerosis. Acta Path Jap 19:161-78, May 69  
ANIMAL EXPERIMENTS/ AORTA, cytology/  
AORTA, pathology/ \*ARTERIOSCLEROSIS,  
etiology/ CHOLESTEROL/ CORONARY  
VESSELS/ CYTOPATHOGENIC EFFECT,  
VIRAL/ EDEMA/ FIBROBLASTS/  
FLUORESCENT ANTIBODY TECHNIC/  
GUINEA PIGS/ HEMODYNAMICS/ HUMAN/  
HYPERCHOLESTEREMIA/ HYPERTENSION,  
RENAL/ LIPIDS/ MALE/ METHODS/  
MICROSCOPY, ELECTRON/ PEROXIDASES,  
pharmacodynamics/ PLASMA/ RABBITS/  
RATS/ THROMBOSIS/ TISSUE CULTURE/  
TRYPSIN
66. Iwata H, Shikimi T, Iida M, et al: Pharmacological significances of peptidase and proteinase in the brain. 4. Effect of bradykinin on the central nervous system and role of the enzyme inactivating bradykinin in mouse brain. Jap J Pharmacol 20:80-6, Mar 70  
AMINOPHYLLINE, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BRADYKININ,  
antagonists & inhibitors/ \*BRADYKININ,  
pharmacodynamics/ BRAIN/ \*BRAIN,  
enzymology/ \*CENTRAL NERVOUS SYSTEM,  
drug effects/ EDTA, pharmacodynamics/  
GLUTATHIONE, pharmacodynamics/  
HEXOBARBITAL, pharmacodynamics/  
INJECTIONS/ INJECTIONS, INTRAVENOUS/  
KININS, metabolism/ MALE/ MICE/  
MORPHINE, pharmacodynamics/ MOTOR  
ACTIVITY, drug effects/ \*PEPTIDE  
PEPTIDOHYDROLASES, metabolism/ SLEEP,  
drug effects
67. Iwata S, Von Leden H: Clinical evaluation of vocal velocity index in laryngeal disease.  
Ann Otol 79:259-68, Apr 70  
CYSTS, diagnosis/ FEMALE/ FIBROMA,  
diagnosis/ GRANULOMA, diagnosis/  
HEMATOMA, diagnosis/ HUMAN/  
\*LARYNGEAL DISEASES, diagnosis/  
LARYNGEAL NEOPLASMS, diagnosis/  
LARYNGITIS, diagnosis/ MALE/ PAPILLOMA,  
diagnosis/ POLYPS, diagnosis/  
PSYCHOPHYSIOLOGIC DISORDERS, diagnosis/  
SEX FACTORS/ \*SPIROMETRY/ VITAL  
CAPACITY/ VOCAL CORD PARALYSIS,  
diagnosis/ \*VOCAL CORDS, physiopathology
68. Iwatsuki K: [Application of neuromuscular blocking agents in anesthesia]  
Jap J Anesth 19:595-604, Jun 70 (42 ref.) (Jap)  
ACID-BASE EQUILIBRIUM/ ADULT/ AGED/  
ANESTHESIA, GENERAL/ ANTIBIOTICS,  
pharmacodynamics/ BODY TEMPERATURE/  
CHEMISTRY/ CHOLINESTERASE INHIBITORS,  
pharmacodynamics/ DRUG ANTAGONISM/  
DRUG SYNERGISM/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ INFANT, NEWBORN/  
KALLIKREIN, pharmacodynamics/ MALE/  
MIDDLE AGE/ \*NEUROMUSCULAR  
DEPOLARIZING AGENTS/ NEUROMUSCULAR  
DEPOLARIZING AGENTS, adverse effects/  
NEUROMUSCULAR DEPOLARIZING AGENTS,  
antagonists & inhibitors/ POSTOPERATIVE  
COMPLICATIONS/ RESPIRATION, drug  
effects/ REVIEW/ TRYPSIN,  
pharmacodynamics
2869. Izbický A, Slačáková V: Eine einfache Aufbewahrungsweise von Erythrozyten mit gebundenen Antigenen für den Hämagglutinationstest.  
Experientia 26:335-6, 15 Mar 70 (Ger)  
\*BLOOD PRESERVATION/ BUFFERS/  
\*ERYTHROCYTES/ FORMALDEHYDE/  
\*HEMAGGLUTINATION TESTS/ HUMAN/  
METHODS/ OVALBUMIN/  
POLYSACCHARIDES, BACTERIAL/  
SALMONELLA TYPHOSA, immunology/  
TANNINS
- J
2870. Jabbari M, Valberg LS: Role of acid secretion in aspirin-induced gastric mucosal injury.  
Canad Med Ass J 102:178-81, 31 Jan 70  
ACHLORHYDRIA/ ADULT/ AGED/ \*ASPIRIN,  
adverse effects/ ASPIRIN, pharmacodynamics/  
BIOPSY/ BLOOD COAGULATION TESTS/  
FEMALE/ \*GASTRIC JUICE, secretion/  
GASTRIC MUCOSA, cytology/ \*GASTRIC  
MUCOSA, drug effects/ HISTAMINE,  
diagnostic use/ HUMAN/ MALE/ MELENA,  
chemically induced/ MIDDLE AGE
2871. Jablonsky VR: Primary hemangioma of the pericardium.  
Illinois Med J 137:144-6, Feb 70  
AUTOPSY/ CASE REPORT/ \*HEART  
NEOPLASMS, pathology/ \*HEMANGIOMA,  
pathology/ HUMAN/ MALE/ MIDDLE AGE/  
\*PERICARDIUM, pathology
2872. Jablon PA, Banker GS, Smolen VF: In vitro and in vivo chlorpromazine availability from flocculated polysalt complex systems. J Pharm Sci 59:1143-9, Aug 70  
ANIMAL EXPERIMENTS/  
BIOPHARMACEUTICS/ CHEMISTRY/  
\*CHLORPROMAZINE/ CHLORPROMAZINE,  
pharmacodynamics/ DRUG STABILITY/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ \*MACROMOLECULAR SYSTEMS/  
METHYLCELLULOSE/ MODELS, CHEMICAL/  
MOTOR ACTIVITY, drug effects/  
PROTAMINES/ RADIOMETRY/ RATS/  
SULFUR ISOTOPES/ TIME FACTORS
2873. Jackson DR: Sustained hypotension secondary to protamine sulfate. Angiology 21:295-8, May 70  
AGED/ BLOOD VESSELS, surgery/ FEMALE/  
HUMAN/ \*HYPOTENSION, chemically induced/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ \*PROTAMINES, adverse  
effects/ SULFATES, adverse effects
2874. Jackson DR, Harrower HW: Pulmonary embolization following inferior vena caval interruption.  
Vasc Surg 3:129-37, Sep 69  
ADULT/ ANTICOAGULANTS, administration &  
dosage/ CHRONIC DISEASE/ COLLATERAL  
CIRCULATION/ FEMALE/ HEMOSTASIS/  
HUMAN/ LEG, blood supply/ MALE/  
PHLEBOGRAPHY/ POSTOPERATIVE  
COMPLICATIONS/ \*PULMONARY EMBOLISM,  
prevention & control/ SUTURE TECHNIQUES/  
\*THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, surgery/ \*VENA CAVA,  
INFERIOR, surgery
2875. Jackson RL, Hirs CH: The primary structure of porcine pancreatic ribonuclease. I. The distribution and sites of carbohydrate attachment.  
J Biol Chem 245:624-36, 10 Feb 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ ASPARTIC ACID,



# AUTHOR SECTION

- analysis/ BINDING SITES/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
FUCOSE, analysis/ GALACTOSE, analysis/  
GEL FILTRATION/ \*GLYCOPROTEINS,  
analysis/ HEXOSAMINES, analysis/ HEXOSES,  
analysis/ MANNOSE, analysis/ METHIONINE,  
analysis/ NEURAMINIC ACIDS, analysis/  
OXIDATION-REDUCTION/ PANCREATIC  
JUICE, enzymology/ \*PEPTIDES, analysis/  
POLYSACCHARIDES, analysis/  
\*RIBONUCLEASE/ RIBONUCLEASE, analysis/  
SERINE, analysis/ SULFIDES/ SWINE/  
TRYPSIN
2876. Jackson RL, Hirs CH: The primary structure of porcine  
pancreatic ribonuclease. II. The amino acid sequence  
of the reduced S-aminoethylated protein.  
J Biol Chem 245:837-53, 10 Feb 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ ASPARAGINE,  
analysis/ BINDING SITES/ CATTLE/  
CHEMISTRY/ CHYMOTRYPSIN/ CYANIDES/  
CYSTEINE, analysis/ GEL FILTRATION/  
GLUTAMINE, analysis/ \*GLYCOPROTEINS/  
GLYCOPROTEINS, analysis/ KINETICS/  
OXIDATION-REDUCTION/ PANCREATIC  
JUICE, enzymology/ PAPAIN/ \*PEPTIDES/  
PEPTIDES, analysis/ PEPTIDES, isolation &  
purification/ POLYSACCHARIDES/ RATS/  
\*RIBONUCLEASE/ SPECIES SPECIFICITY/  
SPECTROPHOTOMETRY/ SWINE/ TRYPSIN
2877. Jackson WM, Brandts JF: Thermodynamics of protein  
denaturation. A calorimetric study of the reversible  
denaturation of chymotrypsinogen and conclusions  
regarding the accuracy of the two-state  
approximation.  
Biochemistry (Wash) 9:2294-301, 26 May 70  
\*CALORIMETRY/ \*CHYMOTRYPSIN/ COLD/  
\*ENZYME PRECURSORS/ HEAT/  
HYDROGEN-ION CONCENTRATION/  
\*PROTEIN DENATURATION/  
THERMODYNAMICS
2878. Jacob H: Właściwości koagulacyjne protrombiny  
desialowej.  
Postepy Hig Med Dosw 24:565-608, 1970 (Pol)  
ACID-BASE EQUILIBRIUM/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION/  
CATTLE/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ ESTERASES, metabolism/  
FACTOR IX/ FACTOR X/ FACTOR XI/  
FACTOR XII/ GEL DIFFUSION TESTS/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
METHODS/ \*NEURAMINIC ACIDS/  
\*PROTHROMBIN
2879. Jacobelli G, Pozzi M: Profili dell'emorragia a nappo  
in chirurgia generale e ginecologia.  
Minerva Med 60:4615-9, 21 Nov 69 (Ita)  
ADULT/ AGED/ CAPILLARIES/ ENGLISH  
ABSTRACT/ \*ETHYLAMINES,  
therapeutic use/ FEMALE/ \*GYNECOLOGIC  
DISEASES, surgery/ HEMORRHAGE, drug  
therapy/ \*HEMORRHAGE, prevention &  
control/ \*HEMOSTASIS/ HUMAN/ MALE/  
MIDDLE AGE/ \*NEOPLASMS, surgery/  
\*SULFONIC ACIDS, therapeutic use/  
\*SURGERY, OPERATIVE
2880. Jacobs HR: A multiplying microviscometer for blood.  
Biorheology 6:237, Jan 70  
BLOOD FLOW VELOCITY/ \*BLOOD  
VISCOSITY/ \*RHEOLOGY, instrumentation
2881. Jacobson JW, Trickland WN, Barratt RW: The amino  
acid composition of the subunit of the NADP-specific  
glutamate dehydrogenase from Neurospora crassa.  
Biochim Biophys Acta 188:283-6, 1969  
\*AMINO ACIDS, analysis/ AUTOANALYSIS/  
CATTLE/ CHROMATOGRAPHY, PAPER/  
\*GLUTAMATE DEHYDROGENASE, analysis/  
INDICATORS AND REAGENTS/ LIVER,  
enzymology/ MOLECULAR WEIGHT/ \*NADP/  
\*NEUROSPORA, enzymology/ \*PEPTIDES,  
analysis/ SPECIES SPECIFICITY/ TRYPSIN
2882. Jacobsson B, Bergentz SE, Ljungqvist U: Platelet  
adhesion and thrombus formation on vascular catheters  
in dogs.  
Acta Radiol [Diagn] (Stockholm) 8:221-7, May 6  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS/ BRACHIAL ARTERY/  
\*CATHETERIZATION, adverse effects/  
CHROMIUM ISOTOPES/ DOGS/ FEMORAL  
ARTERY/ FEMORAL VEIN/ PLATELET  
ADHESIVENESS/ POLYMERS/  
\*THROMBOEMBOLISM, etiology
2883. Jacobsson B, Nilsson IM: Catheter material and blood  
coagulation studies in vitro.  
Scand J Haemat 6:386-94, 1969  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS  
physiopathology/ BLOOD PRESERVATION/  
CALCIUM, metabolism/ \*CATHETERIZATION,  
adverse effects/ FIBRINOLYSIS/  
FLUOROCARBON POLYMERS,  
adverse effects/ HUMAN/ LIPOPROTEINS/  
POLYETHYLENES, adverse effects/ SURFAC  
PROPERTIES/ \*THROMBOEMBOLISM, etiology
2884. Jacquillat C, Weil M, Tanzer J, et al: Les très longu  
rémissions complètes des leucémies aiguës. A prop  
de 65 observations de leucémies aiguës dont la durée  
dépassé 4 ans. Presse Med 78:253-6, 31 Jan 70 (Fr)  
ACUTE DISEASE/ BLOOD PLATELETS/  
CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ HUMAN/ \*LEUKEMIA, mortality/  
LEUKEMIA, LYMPHOBLASTIC, complications/  
LEUKEMIA, LYMPHOBLASTIC, drug therapy/  
LEUKEMIA, LYMPHOBLASTIC, mortality/  
LEUKEMIA, MYELOBLASTIC, drug therapy/  
LEUKEMIA, MYELOBLASTIC, mortality/  
LONG TERM CARE/ MERCAPTOPYRINE,  
therapeutic use/ METHOTREXATE,  
administration & dosage/ PREDNISONE,  
therapeutic use/ VINCRISTINE, administration  
& dosage/ VINCRISTINE, therapeutic use
2885. Jaeger RJ, Rubin RJ: Contamination of blood stored  
plastic packs. Lancet 2:151, 18 Jul 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ PLASTICS/ RATS/  
STERILIZATION
2886. Jaeger RJ, Rubin RJ: Plasticisers from P.V.C.  
Lancet 2:778, 10 Oct 70  
\*BLOOD PRESERVATION/ BLOOD  
TRANSFUSION, instrumentation/ HUMAN/  
PHTHALIC ACID, blood/ \*PLASTICS, adverse  
effects/ \*POLYVINYLS, adverse effects
2887. Jaekel J, Lorbacher H, Blobel H: Lysotypie "Canine  
Staphylokokken.  
Zbl Bakt [Orig] 210:145-8, Jun 69 (G)  
ANIMAL EXPERIMENTS/ \*BACTERIOPHAG  
TYPING/ COAGULASE/ CULTURE MEDIA/  
DOGS/ ENGLISH ABSTRACT/ LYSOGENY/  
\*STAPHYLOCOCCAL PHAGES, isolation &  
purification/ TISSUE CULTURE
2888. Jaenike JR: The renal response to ureteral obstructi  
a model for the study of factors which influ  
glomerular filtration pressure.  
J Lab Clin Med 76:373-82, Sep 70  
ACETYLCHOLINE, pharmacodynamics/  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL, surgery/ DISEASE MODELS,  
ANIMAL/ FEMALE/ GLOMERULAR  
FILTRATION RATE/ HEMOSTASIS/ KIDNE  
drug effects/ KIDNEY FAILURE, ACUTE,  
etiology/ \*KIDNEY FAILURE, ACUTE,  
physiopathology/ KIDNEY FUNCTION TEST  
\*KIDNEY GLOMERULUS, physiopathology/  
MANNITOL, pharmacodynamics/ PAPAVERI  
pharmacodynamics/ PRESSURE/ RATS/  
URETERAL OBSTRUCTION, complications/  
\*URETERAL OBSTRUCTION, physiopatholog  
VASODILATOR AGENTS, pharmacodynamics
2889. Jaffe BF: Sudden deafness—a local manifestation  
systemic disorders: fat emboli, hypercoagulation  
infections. Laryngoscope 80:788-801, May 70  
ADULT/ AUDIOMETRY/ \*BLOOD  
COAGULATION DISORDERS, complications/  
\*DEAFNESS, complications/ \*EMBOLISM, f  
complications/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ MYCOPLASMA INFECTION



## AUTHOR SECTION

complications/ PROSPECTIVE STUDIES/  
\*RESPIRATORY TRACT INFECTIONS,  
complications/ \*THROMBOSIS, complications/  
VIRUS DISEASES, complications

therapeutic use/ \*ANTIBIOTICS, therapeutic  
use/ \*ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*POSTOPERATIVE CARE/  
\*POSTOPERATIVE COMPLICATIONS, therapy/  
PREOPERATIVE CARE

2890. Jaffe HL: Anticoagulant therapy in coronary ischemic disease. New York J Med 70:1766-9, 1 Jul 70 (30 ref.)  
ANTICOAGULANTS, adverse effects/  
\*ANTICOAGULANTS, therapeutic use/  
\*CORONARY DISEASE, drug therapy/  
HUMAN/ MYOCARDIAL INFARCT, drug  
therapy/ MYOCARDIAL INFARCT, mortality/  
MYOCARDIAL INFARCT, prevention &  
control/ PROGNOSIS/ REVIEW
2891. Jain IS, Das KC, Mahajan BC: Von Hippel-Lindau disease. A chromosomal study.  
J All India Ophthal Soc 17:1-7, Feb 69  
ADULT/ ANGIOMATOSIS, diagnosis/  
\*ANGIOMATOSIS, familial & genetic/  
FEMALE/ HUMAN/ INFANT/ KARYOTYPING
2892. Jakob W, Krieg K, Hilgenfeld M: Vergleichende Untersuchungen über das histochemische Verhalten amyloider, fibrinöider und hyaliner Ablagerungen in der Gefäßwand verschiedener Säugetiere und Vögel.  
1. Proteine. Path Vet (Basel) 6:557-67, 1969 (Ger)  
\*AMYLOID, analysis/ ANIMAL  
EXPERIMENTS/ ARGININE, analysis/ BIRDS/  
\*BLOOD VESSELS, analysis/ ENGLISH  
ABSTRACT/ \*FIBRIN, analysis/  
HISTOCYTOCHEMISTRY/ \*HYALIN  
SUBSTANCE, analysis/ INDICATORS AND  
REAGENTS/ MAMMALS/ SULFHYDRYL  
COMPOUNDS, analysis/ SULFIDES, analysis/  
TRYPTOPHAN, analysis/ TYROSINE, analysis
2893. Jakobovits A, Herczeg J: A köldökzsinór haemgliomája.  
Orv Hetil 110:2886-7, 7 Dec 69 (Hun)  
ADULT/ FEMALE/ \*HEMANGIOMA,  
pathology/ HUMAN/ PLACENTA, pathology/  
PREGNANCY/ UMBILICAL ARTERIES,  
pathology/ \*UMBILICAL CORD, pathology/  
UMBILICAL VEINS, pathology
2894. Jakoubková J, Májský A, Ivašková E, et al: Immunology of trophoblastic tumours.  
Neoplasma (Bratisl) 17:223-9, 1970  
\*ANTIBODIES, analysis/ BLOOD PLATELETS,  
immunology/ CHORIOCARCINOMA,  
embryology/ \*CHORIOCARCINOMA,  
immunology/ CZECHOSLOVAKIA/ FEMALE/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
LEUKOCYTES, immunology/ MALE/  
PREGNANCY/ SEX FACTORS/  
TRANSPLANTATION IMMUNOLOGY/  
TROPHOBLASTIC TUMOR, embryology/  
\*TROPHOBLASTIC TUMOR, immunology
2895. Jakubczak E, Montreuil J: Etude sur les glycoprotides. Hétérogénéité de l'ovomucoïde de l'œuf de poule. Mise en évidence et étude physico-chimique de 7 variants "alloglycopoliprotéiniques".  
C R Acad Sci [D] (Paris) 271:537-40, 3 Aug 70 (Fre)  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CARBOHYDRATES, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
GALACTOSE, analysis/ GLUCOSAMINE,  
analysis/ IMMUNOELECTROPHORESIS/  
MANNOSE, analysis/ NEURAMINIC ACIDS,  
analysis/ \*OVALBUMIN, analysis/ POULTRY/  
TRYPSIN, antagonists & inhibitors/  
\*VARIATION (GENETICS)
2896. Jame P, Marque J: Etude de 600 souches de staphylocoques isolés en pratique bactériologique courante. Ann Biol Clin (Paris) 28:75-8, 1970 (Fre)  
ANTIBIOTICS/ \*BACTERIOLOGICAL  
TECHNIQUES/ COAGULASE, analysis/  
DEOXYRIBONUCLEASE, analysis/ DRUG  
RESISTANCE, MICROBIAL/ ENGLISH  
ABSTRACT/ HUMAN/ PHOSPHATASES,  
analysis/ STAPHYLOCOCCUS, analysis/  
STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, isolation & purification/  
\*STAPHYLOCOCCUS, pathogenicity
2897. James DG: Il periodo post-operatorio.  
Recent Progr Med (Roma) 47:480-8, Nov 69 (Ita)  
\*ANALGESICS AND ANTIPYRETICS,
2898. James DG: The operative umbrella of drugs. 1.  
Nurs Times 66:587-8, 7 May 70  
ADRENAL CORTEX HORMONES,  
administration & dosage/ ANALGESICS AND  
ANTIPYRETICS, administration & dosage/  
ANTICOAGULANTS, administration & dosage/  
\*DRUG THERAPY/ HUMAN/  
\*POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS, etiology
2899. James DW, Tresman RL: An electron-microscopic study of the de novo formation of neuromuscular junctions in tissue culture.  
Z Zellforsch 100:126-40, 1969  
ANIMAL EXPERIMENTS/ AXONS/  
BUTTOCKS/ CHICK EMBRYO/ COLLAGEN/  
CYTOPLASM/ FEMUR/ LUMBOSACRAL  
REGION/ MICROSCOPY/ MICROSCOPY,  
ELECTRON/ \*MUSCULOSKELETAL SYSTEM,  
cytology/ \*NEUROMUSCULAR JUNCTION,  
growth & development/ \*SPINAL CORD/  
TISSUE CULTURE/ TRYPSIN
2900. James TN: Cardiac conduction system: fetal and postnatal development.  
Amer J Cardiol 25:213-26, Feb 70  
ANATOMY, COMPARATIVE/ ANIMAL  
EXPERIMENTS/ ARRHYTHMIA, pathology/  
CHOLINESTERASE, analysis/ COLLAGEN,  
analysis/ DOGS/ FETUS/ GESTATIONAL  
AGE/ HEART BLOCK, pathology/ HEART  
CONDUCTION SYSTEM, embryology/ \*HEART  
CONDUCTION SYSTEM, growth &  
development/ HEART CONDUCTION SYSTEM,  
pathology/ HUMAN/ MICROSCOPY,  
ELECTRON/ PURPURA, THROMBOTIC  
THROMBOPENIC, complications/ SINO-ATRIAL  
NODE, analysis/ SINO-ATRIAL NODE,  
embryology/ SINO-ATRIAL NODE,  
enzymology/ SINO-ATRIAL NODE, growth &  
development/ SINO-ATRIAL NODE, pathology
2901. James TN: The delivery and distribution of coronary collateral circulation.  
Chest 58:183-203, Sep 70 (57 ref.)  
AORTA, THORACIC, physiology/  
ARTERIOVENOUS ANASTOMOSIS, physiology/  
BLOOD PRESSURE/ BLOOD VISCOSITY/  
\*COLLATERAL CIRCULATION/ COLLATERAL  
CIRCULATION, drug effects/ CORONARY  
DISEASE, drug therapy/ CORONARY  
DISEASE, physiopathology/ \*CORONARY  
VESSELS, anatomy & histology/ CORONARY  
VESSELS, drug effects/ HEART, physiology/  
HEART CONDUCTION SYSTEM, physiology/  
HUMAN/ REVIEW
2902. Ján H, Káposztás J, Lükő G: Anticoagulans kezelés után fellépett intramurális bél bevézés.  
Orv Hetil 111:2005-7, 23 Aug 70 (Hun)  
\*ANTICOAGULANTS, adverse effects/  
FEMALE/ \*HEMORRHAGE,  
GASTROINTESTINAL, chemically induced/  
HUMAN/ MIDDLE AGE
2903. Jancsó-Gábor A, Szołcányi J: Action of rare earth metal complexes on neurogenic as well as on bradykinin-induced inflammation.  
J Pharm Pharmacol 22:366-71, May 70  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, pharmacodynamics/  
\*ANTI-INFLAMMATORY AGENTS,  
pharmacodynamics/ BLOOD COAGULATION/  
\*BRADYKININ, antagonists & inhibitors/  
\*CATECHOL, pharmacodynamics/  
CONJUNCTIVA, drug effects/  
CYPROHEPTADINE, pharmacodynamics/  
DYES/ ELECTRIC STIMULATION/ EYELIDS,  
drug effects/ FLUFENAMIC ACID,  
pharmacodynamics/ INDOMETHACIN,  
pharmacodynamics/ INFLAMMATION,  
chemically induced/ KALIKREIN, antagonists  
& inhibitors/ \*NEODYMIUM,  
pharmacodynamics/ PHENYLBUTAZONE,



## AUTHOR SECTION

- pharmacodynamics/ RABBITS/ RATS/ SODIUM SALICYLATE, pharmacodynamics/ VENOMS, antagonists & inhibitors
2904. Janda R, Cencora A, Uziębło W: Rozpuszczanie zakrzepów i zatorów za pomocą streptokinazy. I. Własny materiał kliniczny. (Pol) Przegl Lek 25:748-52, 1969  
ADULT/ \*EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ HUMAN/ MALE/ MIDDLE AGE/ \*PULMONARY EMBOLISM, drug therapy/ \*STREPTOKINASE, therapeutic use/ \*THROMBOPHLEBITIS, drug therapy
2905. Janda R, Cencora A, Uziębło W: Rozpuszczanie zakrzepów i zatorów za pomocą streptokinazy. II. Aktywacja fibrinolizy, mechanizm działania plazminy, wskazania i przeciwwskazania, zasady leczenia. (Pol) Przegl Lek 25:701-5, 1969  
BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD PLATELET DISORDERS, chemically induced/ \*EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ \*FIBRINOLYSIS, drug effects/ HUMAN/ STREPTOKINASE, adverse effects/ \*STREPTOKINASE, therapeutic use/ \*THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control
2906. Janček J, Spížek J: The synthesis of beta-galactosidase in *Escherichia coli* in the presence of 7-azatryptophan. Folia Microbiol (Praha) 14:529-35, 1969  
BACTERIAL PROTEINS, biosynthesis/ ENZYME INDUCTION, drug effects/ ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ ESCHERICHIA COLI, immunology/ \*ESCHERICHIA COLI, metabolism/ \*GALACTOSIDASE, biosynthesis/ HEAT/ PERMEASES, biosynthesis/ TRYPSIN, pharmacodynamics/ \*TRYPTOPHAN, pharmacodynamics/ UREA, pharmacodynamics
2907. Janicki J, Warchalewski J, Skupin J, et al: Inhibitory trypsinu pochodzenia roślinnego. Postepy Biochem 16:101-18, 1970 (195 ref.) (Pol)  
ANIMAL EXPERIMENTS/ CHICKENS/ DIETARY PROTEINS, metabolism/ ENGLISH ABSTRACT/ INTESTINAL ABSORPTION/ INTESTINES, enzymology/ \*PEPTIDE HYDROLASES/ \*PLANTS, EDIBLE, enzymology/ RATS/ REVIEW/ THYMUS GLAND, enzymology/ TRYPSIN, metabolism/ \*TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, physiology
2908. Janiec W, Chruściel TL, Plech A: Effect of an atherosclerotic diet on the uptake and metabolism of norepinephrine 14C in the rat. Life Sci [II] 9:571-80, 22 May 70  
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CARBON ISOTOPES/ CHOLESTEROL, blood/ \*DIET, ATHEROGENIC/ INTESTINE, SMALL, metabolism/ KIDNEY, metabolism/ LIPIDS, blood/ LIVER, metabolism/ MALE/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, blood/ \*NOREPINEPHRINE, metabolism/ NORMETANEPHRINE, blood/ NORMETANEPHRINE, metabolism/ RATS
2909. Janis R, Hamerman D: Articular cartilage changes in early arthritis. Bull Hosp Joint Dis 30:136-52, Oct 69  
ADULT/ ARTHRITIS, RHEUMATOID, diagnosis/ \*ARTHRITIS, RHEUMATOID, diagnosis/ ARTHRITIS, RHEUMATOID, metabolism/ BIOPSY/ CARTILAGE, ARTICULAR, analysis/ \*CARTILAGE, ARTICULAR, pathology/ DIABETES MELLITUS, metabolism/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GANGRENE, metabolism/ HUMAN/ HYALURONIDASE, analysis/ KNEE JOINT/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, metabolism/ PEPTIDE HYDROLASES, analysis/ POLYSACCHARIDES, analysis/ REITER'S DISEASE, metabolism/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, analysis
2910. Janisch K, Hübner R, Bürger K: Die Antikagulantien-Therapie in der rekonstruktiven Arterienchirurgie. Zbl Chir 95:23-5, 3 Jan 70 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ \*ARTERIES, surgery/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*THROMBOEMBOLISM, prevention & control
2911. Janoff A: Mediators of tissue damage in leukocyte lysosomes. X. Further studies on human granulocyte elastase. Lab Invest 22:228-36, Mar 70  
ANIMAL EXPERIMENTS/ ARTERITIS, enzymology/ BASEMENT MEMBRANE, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPROTEINASE A, metabolism/ DOGS/ EDTA, pharmacodynamics/ ELASTIN/ ELECTROPHORESIS/ HEMORRHAGE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INFLAMMATION/ LEUKOCYTES/ \*LEUKOCYTES, enzymology/ \*LYSOSOMES/ \*PANCREATOPROTEINASE, metabolism/ PEPTIDE HYDROLASES, metabolism/ RABBITS
2912. Jansén CT, Hopsu-Havu VK: Proteolytic enzymes in the skin. 3. Studies on the extractability, stability and modifier characteristics of the caseinolytic enzymes in the rat skin. Acta Dermatovener (Stockholm) 49:525-35, 1969  
ACETONE, pharmacodynamics/ ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ CASEIN, metabolism/ COPPER, pharmacodynamics/ DRUG STABILITY/ ENZYMES, isolation & purification/ FREEZING/ HEAT/ HEMOGLOBIN, metabolism/ HYDROCHLORIC ACID, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MALE/ MERCURY, pharmacodynamics/ \*PEPTIDE HYDROLASES, metabolism/ POTASSIUM CHLORIDE/ RATS/ \*SKIN, enzymology/ SOY BEANS/ TEMPERATURE/ TIME FACTORS/ TRYPSIN INHIBITORS
2913. Jansén CT, Hopsu-Havu VK: Proteolytic enzymes in the skin. II. A comparative study of skin homogenates of five mammalian species. Acta Dermatovener (Stockholm) 49:468-75, 1969  
AMIDES, metabolism/ ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CASEIN, metabolism/ CATS/ ESTERS, metabolism/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ \*PEPTIDE HYDROLASES, analysis/ RATS/ \*SKIN, enzymology/ SPECIES SPECIFICITY/ SWINE/ TIME FACTORS/ TISSUE EXTRACTS, analysis/ TYROSINE, metabolism
2914. Jansen JA, Schou J, Hvidberg E: Determination of cortisol in capillary blood from man. Acta Endocr (Kobenhavn) 62:624-6, Dec 69  
\*CAPILLARIES/ HEPARIN/ HUMAN/ \*HYDROCORTISONE, blood/ INDICATORS AND REAGENTS/ MICROCHEMISTRY/ SPECTROPHOTOMETRY
2915. Jansen LH, Bleumink E: Flare and rash reactions in contact allergy of the guinea-pig. Brit J Derm 83:Suppl:48-55, 1970  
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTHUS PHENOMENON, pathology/ \*DERMATITIS, CONTACT, pathology/ DISEASE MODELS, ANIMAL/ FEMALE/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ NITROBENZENES, administration & dosage/ NITROBENZENES, adverse effects/ PROMETHAZINE, pharmacodynamics/ SKIN, pathology/ SKIN TESTS
2916. Jansson L, Lindahl U: Evidence for the existence of multichain proteoglycan of heparan sulphate. Biochem J 117:699-702, May 70  
ANIMAL EXPERIMENTS/ AORTA, analysis/ CATTLE/ CHROMATOGRAPHY/



## AUTHOR SECTION

- ELECTROPHORESIS/ \*GLYCOPROTEINS, analysis/ \*HEPARIN, analysis/ HYALURONIDASE/ \*MUCOPOLYSACCHARIDES, analysis/ PAPAINE
17. Januszko T: Aktywność fibrynolityczna krwi. Roczni Akad Med Marchlewski Suppl 22:1-74, 1969 (Pol)  
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FACTOR XII, physiology/ FEMALE/ FIBRINOGEN, antagonists & inhibitors/ \*FIBRINOGEN, physiology/ \*FIBRINOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*KIDNEY, physiology/ \*LIVER, physiology/ MALE/ \*PLASMINOGEN, physiology/ PLASMINOGEN, secretion/ RABBITS/ SERUM GLOBULINS, physiology
18. Japa J, Kardaszewicz E: Wyniki immunosupresyjnego leczenia toczenia trzewnego. Pol Tyg Lek 24:1534-6, 6 Oct 69 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ \*AZATHIOPRINE, therapeutic use/ DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ \*LUPUS ERYTHEMATOSUS, systemic, drug therapy/ MALE/ \*MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE/ \*NITROGEN MUSTARD COMPOUNDS, therapeutic use/ THROMBOPENIA, chemically induced
19. Jardin A: Le praticien devant une hématurie. Presse Med 78:1513-5, 11 Jul 70 (Fre)  
ADENOMA, diagnosis/ AGE FACTORS/ ANGIOGRAPHY/ ANTICOAGULANTS, adverse effects/ BLADDER NEOPLASMS, diagnosis/ CALCULI, diagnosis/ CYSTOSCOPY/ DIAGNOSIS, DIFFERENTIAL/ ENDOSCOPY/ FEMALE/ FIBRINOLYSIS/ \*HEMATURIA, etiology/ HUMAN/ KIDNEY NEOPLASMS, diagnosis/ MALE/ NEPHRITIS, diagnosis/ PROSTATIC NEOPLASMS, diagnosis/ SCHISTOSOMIASIS, diagnosis/ TUBERCULOSIS, RENAL, diagnosis/ URETERAL NEOPLASMS, diagnosis/ UROGRAPHY
20. Jaroš Z: Streptokinasa. Vnitřní Lek 16:923-4, Sep 70 (Cze)  
HUMAN/ MYOCARDIAL INFARCT, therapy/ \*STREPTOKINASE, therapeutic use
21. Jarumilinta R, Maegraith BG: Enzymes of entamoeba histolytica. Bull WHO 41:269-73, 1969  
\*ENTAMOEBAS HISTOLYTICA, enzymology/ ENTAMOEBAS HISTOLYTICA, pathogenicity/ HYALURONIDASE, analysis/ HYALURONIDASE, metabolism/ \*PEPTIDE HYDROLASES, metabolism
22. Jarvis B, Mahoney RR: Inactivation of nisin by alpha-chymotrypsin. J Dairy Sci 52:1448-9, Sep 69  
\*ANTIBIOTICS, antagonists & inhibitors/ \*CHYMOTRYPSIN, pharmacodynamics
23. Jastrzębski J, Zienkiewicz K: Niektóre zagadnienia anestezjologiczne przy wycięciu śledziony ze wskazań hematologicznych. Pol Przegl Chir 42:355-9, Apr 70 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ \*ANESTHESIA, GENERAL/ BLOOD COAGULATION DISORDERS, etiology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ \*HEMATOLOGIC DISEASES, therapy/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ \*SPLENECTOMY/ SPLENECTOMY, adverse effects
24. Jaton JC, Waterfield MD, Margolies MN, et al: Isolation and characterization of structurally homogeneous antibodies from antipneumococcal sera. Proc Nat Acad Sci USA 66:959-66, Jul 70  
ACETATES/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ \*ANTIBODIES, isolation & purification/ BACTERIAL VACCINES/ BLOOD PROTEIN
- ELECTROPHORESIS/ CELLULOSE/ CHROMATOGRAPHY, GAS/ CHYMOTRYPSIN/ \*DIPLOCOCCUS PNEUMONIAE, immunology/ \*IMMUNE SERUMS, analysis/ PEPTIDES, analysis/ POLYSACCHARIDES, BACTERIAL/ RABBITS/ RADIOAUTOGRAPHY
2925. Javier RP, Hildner FJ, Berry W, et al: Systemic embolism and the Beall mitral valve prosthesis. Ann Thorac Surg 10:20-6, Jul 70  
FOLLOW-UP STUDIES/ HEART VALVE DISEASES, surgery/ \*HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ \*MITRAL VALVE, surgery/ THROMBOEMBOLISM, drug therapy/ \*THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ WARFARIN, therapeutic use
2926. Jay AC: Platelet transfusion. J Indiana Med Ass 63:910, Aug 70  
\*BLOOD PLATELETS/ \*BLOOD TRANSFUSION/ HUMAN/ \*THROMBOPENIA, therapy
2927. Jayakar PA, Bhaskaran CS: A study of some biological properties of staphylococci isolated from pathological material in human infections. Indian J Path Bact 12:26-32, Jan 69  
BACTERIOLOGICAL TECHNIQUES/ \*COAGULASE, diagnostic use/ ENZYME TESTS/ HUMAN/ METHODS/ SPUTUM, microbiology/ \*STAPHYLOCOCCAL INFECTIONS, microbiology/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, pathogenicity/ SUPPURATION, microbiology
2928. Jayawardene A, Farkas-Himsley H: Mode of action of vibriocin. J Bact 102:382-8, May 70  
ADSORPTION/ BACTERIAL PROTEINS, biosynthesis/ \*BACTERIOCINS, pharmacodynamics/ CARBON ISOTOPES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ CHLORAMPHENICOL, pharmacodynamics/ DNA, BACTERIAL, biosynthesis/ POTASSIUM, metabolism/ POTASSIUM ISOTOPES/ RNA, BACTERIAL, biosynthesis/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics/ ULTRAVIOLET RAYS/ URACIL, metabolism/ \*VIBRIO/ VIBRIO, drug effects/ VIBRIO, metabolism
2929. Jean R, Crastes de Paulet A, Bonnet H, et al: L'hyperlipémie de la néphrose lipidique de l'enfant. Etude par l'épreuve de charge en triglycérides par voie veineuse. Arch Franc Pediat 27:123-60, Feb 70 (Fre)  
CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FAT TOLERANCE TEST/ FATS/ HUMAN/ \*HYPERLIPEMIA, physiopathology/ LIPOPROTEIN LIPASE/ METHODS/ NEPHROSIS, LIPOID/ \*NEPHROSIS, LIPOID, physiopathology/ PHOSPHOLIPIDS, blood/ \*TRIGLYCERIDES/ TRIGLYCERIDES, blood
2930. Jedličková J, Churý Z: Útlum kostní dřeně u skryté příjce. Vnitřní Lek 16:798-801, Aug 70 (Cze)  
\*ANEMIA, APLASTIC, etiology/ BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING/ FEMALE/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MIDDLE AGE/ PREDNISONE, therapeutic use/ \*SYPHILIS, LATENT, complications/ SYPHILIS, LATENT, drug therapy/ TESTOSTERONE, therapeutic use
2931. Jellinek R: Komplikationen und Todesursachen nach der Sphincterotomie. Langenbecks Arch Chir 325:594-8, 1969 (Ger)  
ADULT/ AGED/ DUODENUM, surgery/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/



## AUTHOR SECTION

- MIDDLE AGE/ NECROSIS, complications/  
NECROSIS, prevention & control/  
PANCREATIC DISEASES, complications/  
PANCREATIC DISEASES, prevention &  
control/ \*POSTOPERATIVE COMPLICATIONS,  
mortality/ SURGICAL WOUND DEHISCENCE,  
diagnosis/ \*VATER'S AMPULLA, surgery
2932. Jeljaszewicz J, Pulverer G: Zur biologischen Aktivität  
pathogener Staphylokokken.  
Deutsch Med Wschr 94:2349-54, 7 Nov 69 (118 ref.)  
(Ger)  
BACTERIOLOGICAL TECHNIQS/ COAGULASE,  
isolation & purification/ COAGULASE,  
pharmacodynamics/ HEMOLYSINS, isolation &  
purification/ LEUKOCIDIN, analysis/  
LEUKOCIDIN, pharmacodynamics/ LIPASE,  
isolation & purification/ MURAMIDASE,  
isolation & purification/  
PHOSPHOTRANSFERASES, isolation &  
purification/ REVIEW/ STAPHYLOCOCCAL  
TOXOID, isolation & purification/  
STAPHYLOCOCCUS, analysis/  
STAPHYLOCOCCUS, immunology/  
\*STAPHYLOCOCCUS, metabolism/  
STAPHYLOCOCCUS, pathogenicity
2933. Jemelin M, Frei J: Leukocyte energy metabolism. 3.  
Anaerobic and aerobic ATP production and related  
enzymes. Enzym Biol Clin (Basel) 11:298-323, 1970  
\*ADENOSINE TRIPHOSPHATE, biosynthesis/  
ALDEHYDES/ BLOOD PLATELETS/  
CENTRIFUGATION/ DEXTRAN/ GLUTAMATE  
DEHYDROGENASE, metabolism/  
GLUTAMATES/ GLYCEROLPHOSPHATE  
DEHYDROGENASE, metabolism/  
\*GLYCOLYSIS/ HUMAN/ ISOENZYMES,  
metabolism/ KREBS CYCLE/ LEUKOCYTES,  
enzymology/ \*LEUKOCYTES, metabolism/  
MALATE DEHYDROGENASE, metabolism/  
METABOLISM, drug effects/ MITOCHONDRIA,  
metabolism/ NUCLEOTIDES, metabolism/  
\*OXIDATIVE PHOSPHORYLATION/  
OXYGEN/ PHOSPHOGLYCERATE KINASE,  
metabolism/ PYRUVATE KINASE, metabolism/  
SUCCINATES/ ULTRACENTRIFUGATION
2934. Jennings JF, Hughes LA: The effect of  
phytohemagglutinin on phagocytosis in the mouse  
peritoneal cavity.  
J Reticuloendothel Soc 7:617-26, May 70  
ANIMAL EXPERIMENTS/ EDTA,  
pharmacodynamics/ ERYTHROCYTES/  
IMMUNE SERUMS, pharmacodynamics/  
MACROPHAGES, cytology/ \*MACROPHAGES,  
drug effects/ MICE/ PERITONEAL CAVITY,  
cytology/ \*PHAGOCYTOSIS, drug effects/  
\*PLANT AGGLUTININS, pharmacodynamics/  
RABBITS/ RECEPTORS, DRUG/  
STIMULATION, CHEMICAL/ TEMPERATURE/  
TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics
2935. Jensen HM, Mottet NK: Ultrastructural changes in  
keratinizing epithelium following trypsinization,  
epidermal detachment and apposition to  
mesenchymes. J Cell Sci 6:511-35, Mar 70  
ANIMAL EXPERIMENTS/ CELL  
DIFFERENTIATION/ CHICK EMBRYO/  
\*CONNECTIVE TISSUE, embryology/  
EPITHELIUM/ HISTOLOGICAL TECHNIQS/  
\*KERATIN/ MICROSCOPY, ELECTRON/ SKIN,  
cytology/ SKIN, drug effects/ \*SKIN,  
embryology/ \*TRYPSIN, pharmacodynamics
2936. Jensen HP: Klinik und Differntialdiagnose des  
Ischias-Syndroms.  
Langenbecks Arch Chir 325:550-8, 1969 (Ger)  
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ FEMALE/  
HEMANGIOMA, diagnosis/ HUMAN/  
INTERVERTEBRAL DISK DISPLACEMENT,  
diagnosis/ LIPOMA, diagnosis/ LUMBAR  
VERTEBRAE, surgery/ MALE/ MIDDLE AGE/  
\*SCIATICA, diagnosis/ SCIATICA, surgery/  
SPINAL NEOPLASMS, diagnosis
2937. Jensen NE: Severe dermatitis and "biological"  
detergents. Brit Med J 1:299, 31 Jan 70  
\*DERMATITIS, CONTACT, etiology/  
\*DETERGENTS, adverse effects/ ECZEMA,  
chemically induced/ HUMAN/ \*PEPTIDE  
HYDROLASES, adverse effects
2938. Jenson O, Walleit LH: Von Willebrand's disease in an  
Icelandic family. Acta Med Scand 187:229-34, 3 Mar 70  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, familial  
& genetic/ BLOOD COAGULATION TESTS/  
CARRIER STATE/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ GENES/ HUMAN/  
ICELAND/ MALE/ MIDDLE AGE/  
MUTATION/ PEDIGREE/ TELANGIECTASIA,  
HEREDITARY HEMORRHAGIC, complications/  
TIME FACTORS/ \*VON WILLEBRAND'S  
DISEASE, familial & genetic
2939. Jentsch J: Enzymatische Spaltung nativer  
cystinhaltiger Polypeptide durch Thermolysin (E.S.  
3.4.4.). II. Vergleich von Thermolysin mit  
alpha-Protease aus *Crotalus atrox*-Gift und Subtilisin.  
Z Naturforsch [B] 24:1290-300, Oct 69 (Ger)  
ALKYLATION/ AMINO ACID SEQUENCE/  
CATTLE/ CHROMATOGRAPHY, PAPER/  
COMPARATIVE STUDY/ CYSTINE/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
GEL FILTRATION/ \*INSULIN, analysis/  
METHODS/ \*PEPTIDE  
PEPTIDOHYDROLASES/ \*PEPTIDES, analysis/  
SNAKES/ \*VENOMS
2940. Jereb B, Anggård A, Båryd I: Juvenile nasopharyngeal  
angiofibroma. A clinical study of 69 cases.  
Acta Radiol [Ther] (Stockholm) 9:302-10, Aug 70  
ADOLESCENCE/ ADULT/ ANGIOMA,  
SCLEROSING, radiotherapy/ ANGIOMA,  
SCLEROSING, surgery/ \*ANGIOMA,  
SCLEROSING, therapy/ CHILD/ CHILD,  
PRESCHOOL/ FOLLOW-UP STUDIES/  
HUMAN/ MALE/ NASOPHARYNGEAL  
NEOPLASMS, radiotherapy/  
NASOPHARYNGEAL NEOPLASMS, surgery/  
\*NASOPHARYNGEAL NEOPLASMS, therapy/  
NEOPLASM REGRESSION, SPONTANEOUS
2941. Jergil B, Dixon GH: Protamine kinase from rainbow  
trout testis. Partial purification and characterization  
J Biol Chem 245:425-34, 25 Jan 70  
ADENOSINE CYCLIC 3',5'-PHOSPHATE/  
ADENOSINE TRIPHOSPHATE/ ALCOHOLS/  
ANIMAL EXPERIMENTS/ CASEIN/ CELL  
NUCLEUS, enzymology/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DRUG STABILITY/  
ELECTROPHORESIS/ ENZYME ACTIVATION/  
GEL FILTRATION/ HISTONES/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ MAGNESIUM/ MALE/ METHODS/  
NUCLEOTIDES/ OSMOLAR CONCENTRATION/  
PHOSPHATASES/ PHOSPHORUS ISOTOPES/  
\*PHOSPHOTRANSFERASES/  
PHOSPHOTRANSFERASES, antagonists &  
inhibitors/ PHOSPHOTRANSFERASES,  
isolation & purification/ PROTAMINES/  
SALMONIDAE/ SERINE/ SODIUM CHLORIDE  
SULFUR/ \*TESTIS, enzymology/ TIME  
FACTORS/ ULTRACENTRIFUGATION
2942. Jerman RP: Removal of the normal appendix: the cause  
of serious complications.  
Brit J Clin Pract 23:466-7, Nov 69  
ADHESIONS, etiology/ ADOLESCENCE/  
ADULT/ \*APPENDECTOMY/ CHILD/  
FEMALE/ HUMAN/ INTESTINAL  
OBSTRUCTION, etiology/ MALE/  
\*POSTOPERATIVE COMPLICATIONS
2943. Jérôme H, Kamoun P: Déficit de captation de  
noradrénaline par les plaquettes sanguines des sujets  
trisomiques 21. Demonstration d'un mécanisme  
commun pour la noradrénaline et la sérotonine  
C R Acad Sci [D] (Paris) 269:516-9, 1969 (Fr)  
ADOLESCENCE/ ADULT/ \*BLOOD  
PLATELETS, metabolism/ CARBON  
ISOTOPES/ CHILD/ CHILD, PRESCHOOL/  
CHROMOSOMES, HUMAN, 21-22/ HUMAN/  
\*NOREPINEPHRINE, metabolism/  
\*SEROTONIN, metabolism/ TIME FACTORS/  
\*TRISOMY



## AUTHOR SECTION

2944. Jeske W: Kininy--przedstawiciele hormonów tkankowych.  
Pol Tyg Lek 24:1624-7, 20 Oct 69 (17 ref.) (Pol)  
ANGIOTENSIN/ BLOOD COAGULATION  
FACTORS/ BRADYKININ/ FACTOR XII/  
HUMAN/ KALLIKREIN/ \*KININS/ RENIN/  
REVIEW
2945. Jeyasingh K, Maurer B, Rosengarten DS, et al: Decline in blood activity of 125-I-fibrinogen in venous thrombosis. Lancet 2:294-6, 8 Aug 70  
\*FIBRINOGEN, analysis/ HUMAN/ IODINE  
ISOTOPES/ \*THROMBOPHLEBITIS, blood/  
THROMBOPHLEBITIS, diagnosis
2946. Jirgensons B: Circular dichroism of proteins of known and unknown conformations.  
Biochim Biophys Acta 200:9-17, 20 Jan 70  
AMYLASE, analysis/ BENICE JONES PROTEIN,  
analysis/ CARBOXYPEPTIDASES, analysis/  
CLOSTRIDIOPEPTIDASE A, analysis/ GAMMA  
GLOBULIN, 7S, analysis/ HEXOKINASE,  
analysis/ HYALURONIDASE, analysis/  
HYDRO-LYASES, analysis/ LACTATE  
DEHYDROGENASE, analysis/ LIPASE,  
analysis/ MURAMIDASE, analysis/  
MYOGLOBIN, analysis/  
PANCREATOPEPTIDASE, analysis/ PAPAIN,  
analysis/ \*PROTEINS, analysis/ PYRUVATE  
KINASE, analysis/ RIBONUCLEASE, analysis/  
SERUM ALBUMIN, analysis/ \*SPECTRUM  
ANALYSIS/ TRANSFERRIN, analysis/  
TRYPSIN, analysis
2947. Jivani SK, Mann JR: Haemomediastinum in a haemophilic after minor trauma.  
Thorax 25:372-4, May 70  
BLOOD TRANSFUSION/ CHILD/ FACTOR  
XIII, therapeutic use/ \*HEMOPHILIA,  
complications/ \*HEMORRHAGE, etiology/  
HEMORRHAGE, therapy/ HUMAN/ MALE/  
\*MEDIASTINUM/ \*THORACIC INJURIES,  
complications/ THORACIC INJURIES,  
radiography
2948. Jobin F, DeLage JM: Aspirin and prednisone in microangiopathic haemolytic anaemia.  
Lancet 2:208-10, 25 Jul 70  
ADULT/ \*ANEMIA, HEMOLYTIC, ACQUIRED/  
ANEMIA, HEMOLYTIC, ACQUIRED, etiology/  
ANEMIA, HEMOLYTIC, ACQUIRED, urine/  
\*ASPIRIN, therapeutic use/ BLOOD  
PLATELET DISORDERS, complications/  
BLOOD UREA NITROGEN/ CASE REPORT/  
ERYTHROCYTES, ABNORMAL/ FEMALE/  
HEMOLYSIS/ HUMAN/ KIDNEY DISEASES,  
complications/ NEUROLOGIC  
MANIFESTATIONS/ OSMOTIC FRAGILITY/  
\*PREDNISONE, therapeutic use/ PURPURA,  
THROMBOTIC THROMBOPENIC, complications/  
THROMBOPENIA, complications
2949. Jobin F, Gagnon FT: Platelet reactions and immune processes. IV. The inhibition of complement by pyrazole compounds and other inhibitors of platelet reactions. Canad J Microbiol 16:63-7, Feb 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION, drug effects/ BLOOD  
PLATELETS, drug effects/ \*BLOOD  
PLATELETS, immunology/ CHLOROQUINE,  
pharmacodynamics/ \*COMPLEMENT,  
antagonists & inhibitors/ ERYTHROCYTES/  
GUINEA PIGS/ \*HEMOLYSIS, drug effects/  
HYDROXYCHLOROQUINE, pharmacodynamics/  
IN VITRO/ INFLAMMATION/  
\*OXYPHENBUTAZONE, pharmacodynamics/  
SHEEP/ \*SULFINPYRAZONE,  
pharmacodynamics/ THROMBOSIS
2950. Jobin F, Tremblay F: Platelet reactions and immune processes. I. Activation of complement by several platelet-activating surfaces when coated with gammaglobulin; mechanism of complement fixation. Thromb Diath Haemorrh 22:450-65, 31 Dec 69  
ADSORPTION/ ALUMINUM SILICATES/  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
BETAMETHASONE/ BLOOD PLATELETS,  
immunology/ CHARCOAL/ COLLAGEN/  
\*COMPLEMENT/ \*COMPLEMENT FIXATION
- TESTS/ ERYTHROCYTES, immunology/  
\*GAMMA GLOBULIN/ GAMMA GLOBULIN,  
7S/ HUMAN/ KAOLIN/ LATEX PARTICLES/  
PLATELET ADHESIVENESS/ SHEEP/  
SURFACE-ACTIVE AGENTS/ SURFACE  
PROPERTIES
2951. Jobin F, Tremblay F, Morissette M: Platelet reactions and immune processes. 3. The inhibition of platelet aggregation by chymotrypsin substrates and inhibitors.  
Thromb Diath Haemorrh 23:110-9, 28 Feb 70  
\*AMINO ACIDS, pharmacodynamics/  
BENZOATES, pharmacodynamics/ \*BLOOD  
PLATELETS, immunology/ \*CHYMOTRYPSIN,  
antagonists & inhibitors/ CINNAMATES,  
pharmacodynamics/ COLLAGEN/  
CYCLOHEXANE, pharmacodynamics/  
EPINEPHRINE/ ESTERASES/ \*HISTAMINE  
LIBERATION, drug effects/ HUMAN/  
ISOQUINOLINES, pharmacodynamics/ LATEX  
PARTICLES/ LYSINE, pharmacodynamics/  
PHENOLS, pharmacodynamics/  
PHENYLACETATES, pharmacodynamics/  
PHENYLALANINE, pharmacodynamics/  
PLATELET ADHESIVENESS, prevention &  
control/ QUINOLINES, pharmacodynamics/  
TRYPTOPHAN, pharmacodynamics/ TYROSINE,  
pharmacodynamics
2952. Jobst K, Kellermeyer N: The effect of trypsin digestion on the dry weights of nuclei.  
Acta Histochem (Jena) 28:183-5, 1967  
ANIMAL EXPERIMENTS/ \*BIREFRINGENCE/  
\*CELL NUCLEUS, drug effects/ DNA/  
LYMPHOCYTES/ MICROSCOPY,  
INTERFERENCE/ MICROSCOPY,  
POLARIZATION/ NUCLEOPROTEINS/ RATS/  
THYMUS GLAND, cytology/ \*TRYPSIN,  
pharmacodynamics
2953. Joffe N, Millan VG: Postemetic dissecting intramural hematoma of the esophagus.  
Radiology 95:379-80, May 70  
CASE REPORT/ \*ESOPHAGEAL DISEASES,  
etiology/ ESOPHAGEAL DISEASES,  
radiography/ \*ESOPHAGEAL NEOPLASMS,  
complications/ FEMALE/ \*HEMATOMA,  
etiology/ HEMATOMA, radiography/ HUMAN/  
\*LYMPHOSARCOMA, complications/ MIDDLE  
AGE/ \*VOMITING, complications
2954. Johanovská K: Klinický a polygrafický obraz idiopatických kardiomyopatií.  
Bratisl Lek Listy 53:420-32, Apr 70 (Cze)  
ADULT/ CAROTID ARTERIES, radiography/  
DIAGNOSIS, DIFFERENTIAL/  
ELECTROCARDIOGRAPHY/ ENGLISH  
ABSTRACT/ HEART FAILURE, CONGESTIVE,  
diagnosis/ HUMAN/ KINETOCARDIOGRAPHY/  
MALE/ MIDDLE AGE/ \*MYOCARDIAL  
DISEASES, PRIMARY, diagnosis/  
MYOCARDIAL DISEASES, PRIMARY,  
radiography/ PHONOCARDIOGRAPHY/  
THROMBOPENIA, complications
2955. Johansen J: Dentoalveolar kirurgi hos hemofilikere.  
Norske Tannlaegeforen Tid 79:535-45, Oct 69 (Nor)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
COAGULATION/ BLOOD TRANSFUSION/  
CHILD/ CHILD, PRESCHOOL/ CHRISTMAS  
DISEASE/ ENGLISH ABSTRACT/  
\*HEMOPHILIA/ \*HEMORRHAGE, ORAL,  
therapy/ HUMAN/ INFANT/ MALE/ MIDDLE  
AGE/ MOUTH DISEASES, surgery/  
POSTOPERATIVE COMPLICATIONS, therapy/  
\*SURGERY, ORAL
2956. Johansen JT: Chemical derivatives of subtilisins with modified proteolytic activities. II. Succinyl- and glutarylsubtilisin type Carlsberg.  
C R Lab Carlsberg 37:145-77, 1970  
ANHYDRIDES/ ARGININE/ BACILLUS  
SUBTILIS, enzymology/ BINDING SITES, drug  
effects/ CASEIN/ GELATIN/ \*GLUTARATES/  
\*PEPTIDE HYDROLASES/  
SPECTROPHOTOMETRY/ \*SUCCINATES
2957. Johansen JT, Oliver RW, Svendsen I: Some spectral and kinetic properties of the acyl enzymes of native and



## AUTHOR SECTION

- chemically modified subtilisin type Carlsberg and  
type Novo. C R Lab Carlsberg 37:87-105, 1969  
\*BACILLUS SUBTILIS, enzymology/ \*PEPTIDE  
HYDROLASES/ SPECTRUM ANALYSIS
2958. John DW, Miller LL: Regulation of net biosynthesis of serum albumin and acute phase plasma proteins. Induction of enhanced net synthesis of fibrinogen, alpha<sub>1</sub>-acid glycoprotein, alpha<sub>2</sub> (acute phase)-globulin, and haptoglobin by amino acids and hormones during perfusion of the isolated normal rat liver. *J Biol Chem* 244:6134-42, 25 Nov 69  
\*ALPHA GLOBULIN/ \*AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BILE/ CARBON ISOTOPES/ \*FIBRINOGEN, biosynthesis/ GLUCOSE, metabolism/ \*GLYCOPROTEINS, biosynthesis/ \*HAPTOGLOBINS, biosynthesis/ \*HYDROCORTISONE, pharmacodynamics/ IN VITRO/ \*INSULIN, pharmacodynamics/ LIVER, drug effects/ \*LIVER, metabolism/ LYSINE, metabolism/ MALE/ PERFUSION/ RATS/ \*SERUM ALBUMIN, biosynthesis/ \*SOMATOTROPIN, pharmacodynamics/ UREA, biosynthesis
2959. Johnson AJ, Karpatkin MH, Newman J: Purification and clinical evaluation of a factor 8 concentrate. *Bibl Haemat* 34:30-9, 1970  
\*BLOOD TRANSFUSION/ \*FACTOR VIII/ FACTOR VIII, isolation & purification/ FACTOR VIII, therapeutic use/ HEAD INJURIES, therapy/ HEMATURIA, therapy/ \*HEMOPHILIA, therapy/ HEMORRHAGE, prevention & control/ HUMAN/ MALE/ SURGERY, OPERATIVE
2960. Johnson BF, Bhatia CK, Rzeszutowski WJ, et al: Preliminary clinical evaluation of glybenclamide in treatment of diabetes mellitus. *Diabetes* 19:579-84, Aug 70  
ALKALINE PHOSPHATASE, analysis/ AMINOTRANSFERASES, metabolism/ ANTIDIABETICS, administration & dosage/ ANTIDIABETICS, adverse effects/ \*ANTIDIABETICS, therapeutic use/ BILIRUBIN, urine/ BLOOD CELL COUNT/ BLOOD SEDIMENTATION/ BLOOD SUGAR/ BLOOD UREA NITROGEN/ CHLORPROPAMIDE, pharmacodynamics/ CLINICAL RESEARCH/ CREATININE, urine/ \*DIABETES MELLITUS, drug therapy/ FEMALE/ HUMAN/ HYPOGLYCEMIA, chemically induced/ INSULIN, blood/ MALE/ PROTHROMBIN TIME/ TRIGLYCERIDES, urine
2961. Johnson BJ, May WP: Rapid peptide synthesis: synthesis of human fibrinopeptide A. *J Pharm Sci* 58:1568, Dec 69  
FIBRIN/ HUMAN/ \*PEPTIDES, chem synthesis
2962. Johnson CM, Westwood JC: Immunodiffusion studies on the myxoviruses. II. Identification of influenza A-PR8 precipitins in the serum of normal rabbits. *Canad J Microbiol* 15:1333-40, Nov 69  
ANIMAL EXPERIMENTS/ GAMMA GLOBULIN, isolation & purification/ GEL DIFFUSION TESTS/ HEAT/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ \*INFLUENZA VIRUSES, immunology/ NEURAMINIDASE, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PRECIPITIN TESTS/ \*PRECIPITINS, isolation & purification/ RABBITS/ TRYPSIN, pharmacodynamics
2963. Johnson DC, Reeve TS: The effects and clinical significance of heparin and phenindione on a standard experimental femoral venous thrombus. *Aust New Zeal J Surg* 39:209-16, Nov 69  
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ \*FEMORAL VEIN/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ \*HEPARIN, therapeutic use/ PHENINDIONE, administration & dosage/ PHENINDIONE, pharmacodynamics/ \*PHENINDIONE, therapeutic use/ SHEEP/ \*THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, prevention & control
2964. Johnson HA: Silastic breast implants: coping with complications. *Plast Reconstr Surg* 44:588-91, Dec 69  
ADULT/ \*BREAST, surgery/ FEMALE/ HEMATOMA, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ \*PROSTHESIS, adverse effects/ \*SILICONES, adverse effects/ \*SURGERY, PLASTIC, adverse effects
2965. Johnson HA: Silastic breast implants: coping with complications. *Plast Reconstr Surg* 44:588-91, Dec 69  
ADULT/ \*BREAST, surgery/ FEMALE/ HEMATOMA, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ \*PROSTHESIS, adverse effects/ \*SILICONES, adverse effects/ SURGERY, PLASTIC
2966. Johnson L, Wikström S, Nylander G: Proteolytic activity of nonpancreatic origin in different segments of the small intestine of rats. *Acta Chir Scand* 135:449-54, 1969  
ANIMAL EXPERIMENTS/ COMMON BILE DUCT, surgery/ INTESTINAL ABSORPTION/ \*INTESTINE, SMALL, enzymology/ PANCREAS, secretion/ PANCREATIC JUICE, secretion/ \*PEPTIDE HYDROLASES, analysis/ RATS/ SERUM ALBUMIN, RADIO-IODINATED, analysis/ TISSUE CULTURE
2967. Johnson RE: Modern approaches to the radiotherapy of lymphoma. *Seminars Hemat* 6:357-75, Oct 69 (37 ref.)  
BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ FEMALE/ HEMOGLOBINOMETRY/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, radiotherapy/ LEUKOCYTE COUNT/ LYMPH NODES, pathology/ LYMPHOMA, diagnosis/ LYMPHOMA, pathology/ \*LYMPHOMA, radiotherapy/ LYMPHOSARCOMA, radiotherapy/ RADIOTHERAPY DOSAGE/ REVIEW/ SARCOMA, RETICULUM CELL, radiotherapy
2968. Johs S: Behandlingsopplegg ved våre sykehus. *T Norsk Laegeforen* 89:1501-2, 1 Oct 69 (Nor)  
\*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ SURGERY, OPERATIVE/ \*THROMBOSIS, prevention & control/ VITAMIN K, antagonists & inhibitors/ WARFARIN, therapeutic use
2969. Join F, Tremblay F: Platelet reactions and immune processes. II. The inhibition of platelet aggregation by complement inhibitors. *Thromb Diath Haemorrh* 22:466-81, 31 Dec 69  
ALDEHYDES, pharmacodynamics/ ANTHRANILIC ACID, pharmacodynamics/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ CATECHOL, pharmacodynamics/ CELL MEMBRANE, immunology/ CHLOROQUINE, pharmacodynamics/ COLCHICINE, pharmacodynamics/ COLLAGEN/ \*COMPLEMENT, antagonists & inhibitors/ COMPLEMENT FIXATION TESTS/ GUAIACOL, pharmacodynamics/ HUMAN/ LATEX FIXATION TESTS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ RESORCINOL, pharmacodynamics/ SALICYLATES, pharmacodynamics/ SILICONES/ SODIUM, pharmacodynamics/ SULFINPYRAZONE, pharmacodynamics
2970. Jones BM, Kemp RB, Gröschel-Stewart U: Inhibition of cell aggregation by antibodies directed against actomyosin. *Nature (London)* 226:261-2, 18 Apr 70  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/ \*ANTIGEN-ANTIBODY REACTIONS/ BLOOD PLATELETS, immunology/ \*CELL AGGREGATION/ CHICK EMBRYO/ DEPRESSION, CHEMICAL/ FIBROBLASTS,



## AUTHOR SECTION

Immunology/ HUMAN/ IN VITRO/ \*MUSCLE  
PROTEINS/ MUSCLE, SMOOTH, immunology/  
PECTORALIS MUSCLES, immunology/  
SURFACE PROPERTIES/ UTERUS

2971. Jones D, Gerber LP, Drell W: A rapid enzymatic method for estimating ethanol in body fluids.

Clin Chem 16:402-7, May 70

ALCOHOL, ETHYL, analysis/ \*ALCOHOL,  
ETHYL, blood/ ALCOHOL, ETHYL, urine/  
\*ALCOHOL OXIDOREDUCTASES/  
ALCOHOLISM, blood/ ALCOHOLS, analysis/  
ANTICOAGULANTS, blood/ BLOOD  
PROTEINS/ BODY FLUIDS, analysis/  
CHEMISTRY, ANALYTICAL/ CHROMATES/  
CHROMATOGRAPHY, GAS/ COLORIMETRY/  
COMPARATIVE STUDY/ DRUG STABILITY/  
FORENSIC MEDICINE/ HUMAN/ INDICATORS  
AND REAGENTS/ METHODS/  
SACCHAROMYCES, enzymology/ TIME  
FACTORS

2972. Jones EW: Vessel proliferation with reference to pyogenic granuloma. *Biorheology* 6:261, Jan 70

ADULT/ \*GRANULOMA, pathology/  
HEMANGIOMA, etiology/ \*HEMANGIOMA,  
pathology/ HUMAN/ MALE/ \*SKIN DISEASES,  
pathology/ \*SKIN NEOPLASMS, pathology

2973. Jones EW, Bleehen SS: Inflammatory angiomatous nodules with abnormal blood vessels occurring about the ears and scalp (pseudo or atypical pyogenic granuloma). *Brit J Derm* 81:804-16, Nov 69

ADULT/ ALKALINE PHOSPHATASE, analysis/  
\*ANGIOMATOSIS, pathology/ CAPILLARIES,  
enzymology/ CAPILLARIES, pathology/  
DIAGNOSIS, DIFFERENTIAL/ \*EAR,  
EXTERNAL/ FEMALE/ \*GRANULOMA/  
HEMANGIOENDOTHELIOMA, diagnosis/  
HISTIOCYTES/ HUMAN/ INFLAMMATION,  
pathology/ LYMPHOCYTES/ MALE/ MIDDLE  
AGE/ \*SCALP/ \*SKIN DISEASES/ SKIN  
DISEASES, diagnosis/ \*SKIN NEOPLASMS/  
SUPPURATION

2974. Jones IK, Glazer AN: Comparative studies on four sulfhydryl endopeptidases ("ficins") of *Ficus glabrata* latex. *J Biol Chem* 245:2765-72, 10 Jun 70

AMINO ACIDS, analysis/ ARGININE, analysis/  
CASEIN/ CHEMISTRY/ CHROMATOGRAPHY,  
ION EXCHANGE/ ELECTROPHORESIS/  
ESTERS/ INSULIN/ KINETICS/ \*LATEX  
PARTICLES/ LEUCINE, analysis/  
MOLECULAR WEIGHT/ PEPTIDES, analysis/  
\*PLANTS, enzymology/ SPECIES  
SPECIFICITY/ SULFHYDRYL COMPOUNDS/  
TRYPSIN/ TYROSINE, analysis/  
ULTRACENTRIFUGATION

2975. Jong JW de, Hülsmann WC: A comparative study of palmitoyl-CoA synthetase activity in rat-liver, heart and gut mitochondrial and microsomal preparations. *Biochim Biophys Acta* 197:127-35, 3 Mar 70

ALKALINE PHOSPHATASE, metabolism/  
ANIMAL EXPERIMENTS/ COENZYME A,  
biosynthesis/ CYTOCHROME OXIDASE,  
metabolism/ ESTERASES, metabolism/ FATTY  
ACIDS, metabolism/ GLUCOSEPHOSPHATASE,  
metabolism/ INTESTINE, SMALL, cytology/  
\*INTESTINE, SMALL, enzymology/ JEJUNUM/  
\*LIGASES, metabolism/ MALE/  
MICROSOMES, enzymology/ \*MICROSOMES,  
LIVER, enzymology/ \*MITOCHONDRIA,  
enzymology/ \*MITOCHONDRIA, LIVER,  
enzymology/ \*MITOCHONDRIA, MUSCLE,  
enzymology/ MONOAMINE OXIDASE,  
metabolism/ MYOCARDIUM, cytology/  
\*MYOCARDIUM, enzymology/  
OXIDOREDUCTASES, metabolism/ PALMITIC  
ACID, metabolism/ PEPTIDE  
PEPTIDOHYDROLASES/ RATS

2976. Jönsson AG: Some enzymic properties of a protease from *Alternaria tenuissima*.

Acta Chem Scand 23:1943-50, 1969

BLOOD PROTEINS/ CASEIN/ CHELATING  
AGENTS, pharmacodynamics/ COBALT,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
ESTERASES, antagonists & inhibitors/  
FUNGI, enzymology/ HYDROGEN-ION

CONCENTRATION/ ISOFLUOROPHATE,  
pharmacodynamics/ MERCURY,  
pharmacodynamics/ \*PEPTIDE HYDROLASES/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ PEPTIDE HYDROLASES, isolation  
& purification/ \*PEPTIDE  
PEPTIDOHYDROLASES/ SILVER,  
pharmacodynamics/ SOY BEANS/  
TEMPERATURE/ TRYPSIN, antagonists &  
inhibitors

2977. Joé F, Csillik B, Zoltán OT: Untersuchungen über das durch Triäthylzinn-sulfat verursachte Hirnödem bei der Ratte. 6. Über die protektive Wirkung des Aescins gegen die durch Triäthylzinn-sulfat bedingte Erhöhung der Permeabilität der Blut-Hirn-Schranke.

Arzneimittelforschung 20:863-4, Jun 70 (Ger)

\*AESCULUS, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*BLOOD-BRAIN BARRIER,  
drug effects/ CAPILLARIES, analysis/  
CAPILLARIES, pathology/ \*CAPILLARY  
PERMEABILITY, drug effects/ CONTRAST  
MEDIA, analysis/ CYTOPLASM, analysis/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ FEMALE/ MALE/ MICROSCOPY,  
ELECTRON/ MITOCHONDRIA, analysis/  
RATS/ SERUM ALBUMIN,  
RADIO-IODINATED/ \*SULFATES, antagonists  
& inhibitors/ SULFATES, poisoning/ \*TIN,  
antagonists & inhibitors/ TIN, poisoning

2978. Joos RW, Carr CW: The binding of calcium to phospholipid-protein complexes.

Proc Soc Exp Biol Med 132:865-70, Dec 69

\*BINDING SITES/ \*CALCIUM/ CEPHALINS/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ MURAMIDASE/ \*PHOSPHOLIPIDS/  
PROTAMINES/ \*PROTEINS/ SERUM  
ALBUMIN, BOVINE

2979. Joosten EM, Hommes OR, Meijer E: Spinaal arachnoïdale bloedsstolsel als complicatie van een lumbale punctie gedurende therapie met anticoagulantia.

Nederl T Geneesk 114:1364-6, 15 Aug 70 (Dut)

\*ANTICOAGULANTS, adverse effects/  
ENGLISH ABSTRACT/ \*HEMATOMA, etiology/  
\*LUMBOSACRAL PLEXUS/ \*SPINAL  
PUNCTURE, adverse effects/  
\*SUBARACHNOID SPACE

2980. Jordan HH: Orthopaedic and other surgical aspects of hemophilia. Introduction of topic.

Bibl Haemat 34:159-61, 1970

HEMARTHROSIS, physiotherapy/  
\*HEMOPHILIA/ HEMOPHILIA,  
physiotherapy/ HEMOPHILIA, rehabilitation/  
HEMORRHAGE/ HUMAN/ HYPNOSIS/ \*JOINT  
DISEASES/ JOINT DISEASES, rehabilitation/  
MALE/ ORTHOPEDIC EQUIPMENT

2981. Jordan J, Tobolska E: Objawowy naczylniak kregu szyjnego. *Otolaryng Pol* 24:99-103, 1970 (Pol)

\*BONE NEOPLASMS/ BONE NEOPLASMS,  
radiotherapy/ \*CERVICAL VERTEBRAE/  
FEMALE/ \*HEMANGIOMA/ HEMANGIOMA,  
radiotherapy/ HUMAN/ MIDDLE AGE

2982. Jørgensen L, Torvik A: Ischaemic cerebrovascular diseases in an autopsy series. 2. Prevalence, location, pathogenesis, and clinical course of cerebral infarcts. *J Neurol Sci* 9:285-320, Sep-Oct 69

AGE FACTORS/ AGED/ ANTICOAGULANTS,  
pharmacodynamics/ CEREBRAL ARTERIES,  
pathology/ CEREBRAL EMBOLISM AND  
THROMBOSIS, occurrence/ CEREBRAL  
EMBOLISM AND THROMBOSIS, pathology/  
CEREBRAL HEMORRHAGE, chemically  
induced/ CEREBRAL HEMORRHAGE,  
pathology/ CEREBROVASCULAR DISORDERS,  
mortality/ \*CEREBROVASCULAR DISORDERS,  
pathology/ FEMALE/ HUMAN/ INFARCTION/  
MALE/ NORWAY/ SEX FACTORS/ TIME  
FACTORS

2983. Jori G, Gallazzo G, Tamburro AM, et al: Dye-sensitized photooxidation as a tool for determining the degree of exposure of amino acid residues in proteins. The methionyl residues in ribonuclease A.



# AUTHOR SECTION

- J Biol Chem 245:3375-83, 10 Jul 70  
ACETIC ACIDS/ CHEMISTRY/ CIRCULAR  
DICHROISM/ \*DYES/ KINETICS/ LIGHT/  
METHIONINE/ METHODS/  
OXIDATION-REDUCTION/ PORPHYRINS/  
PROTEIN DENATURATION/ PROTEINS/  
RADIATION EFFECTS/ \*RIBONUCLEASE,  
radiation effects/ ROTATION/  
SPECTROPHOTOMETRY/ SPECTRUM  
ANALYSIS/ TEMPERATURE/ TRYPSIN/  
ULTRAVIOLET RAYS/ WATER
2984. Jörnvall H: Horse liver alcohol dehydrogenase. The  
primary structure of the protein chain of the  
ethanol-active isoenzyme.  
Europ J Biochem 16:25-40, Sep 70  
ALCOHOL, ETHYL/ \*ALCOHOL  
OXIDOREDUCTASES/ ALKYLATION/ AMINO  
ACID SEQUENCE/ CARBON ISOTOPES/  
CHEMISTRY/ CHYMOTRYPSIN/ CYANIDES/  
CYSTEINE, analysis/ GEL FILTRATION/  
HISTIDINE, analysis/ HORSES/  
IDOACETATES/ ISOENZYMES/ LIVER,  
enzymology/ MALATES/ METHIONINE/  
MUTATION/ PEPsin/ PEPTIDES, analysis/  
SERINE/ TRYPSIN
2985. Jörnvall H: Horse liver alcohol dehydrogenase. On the  
primary structures of the isoenzymes.  
Europ J Biochem 16:41-9, Sep 70  
ALCOHOL, ETHYL/ \*ALCOHOL  
OXIDOREDUCTASES/ \*AMINO ACID  
SEQUENCE/ AMINO ACIDS, analysis/  
BINDING SITES/ CARBON ISOTOPES/  
CHEMISTRY/ ELECTROPHORESIS/ GENES/  
HORSES/ IDOACETATES/ ISOENZYMES/  
LIVER, enzymology/ PEPTIDES, analysis/  
RADIOAUTOGRAPHY/ SOLUBILITY/  
STERIODS/ TRYPSIN
2986. Jörnvall H, Harris JI: Horse liver alcohol  
dehydrogenase. On the primary structure of the  
ethanol-active isoenzyme.  
Europ J Biochem 13:565-76, Apr 70  
ALCOHOL, ETHYL/ \*ALCOHOL  
OXIDOREDUCTASES, analysis/ AMINO ACID  
SEQUENCE/ AMINO ACIDS, analysis/  
CARBON ISOTOPES/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CYSTEINE, analysis/ GEL  
FILTRATION/ GUANIDINES/ HORSES/  
IDOACETATES/ \*ISOENZYMES, analysis/  
\*LIVER, enzymology/ METHIONINE, analysis/  
MOLECULAR WEIGHT/ PHENYLALANINE,  
analysis/ RADIOAUTOGRAPHY/ TRYPSIN/  
TRYPTOPHAN, analysis
2987. Josey WE, Cook CC: Septic pelvic thrombophlebitis.  
Report of 17 patients treated with heparin.  
Obstet Gynec 35:891-7, Jun 70  
ABORTION, SEPTIC, complications/  
ADOLESCENCE/ ADULT/ ANTIBIOTICS,  
therapeutic use/ CESAREAN SECTION,  
adverse effects/ DELIVERY, adverse effects/  
FEMALE/ HEPARIN, therapeutic use/  
HUMAN/ HYSTERECTOMY, adverse effects/  
OVARY, blood supply/ \*PELVIS,  
blood supply/ PREGNANCY/ PREGNANCY,  
TUBAL, complications/ THROMBOPHLEBITIS,  
drug therapy/ THROMBOPHLEBITIS, etiology/  
THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy/ VEINS/  
VENA CAVA, INFERIOR, surgery
2988. Joshi MS, Yaron A, Lindner HR: An endopeptidase in  
the uterine secretion of the proestrous rat and its  
relation to a sperm decapitating factor.  
Biochem Biophys Res Commun 38:52-7, 6 Jan 70  
ANIMAL EXPERIMENTS/ CALCIUM/  
CATTLE/ DIALYSIS/ ELECTROPHORESIS/  
ENZYME ACTIVATION/ EPIDIDYMIIS/  
ESTRADIOL, pharmacodynamics/ ESTRUS/  
FEMALE/ GEL FILTRATION/ GELS/ GUINEA  
PIGS/ HYDROGEN-ION CONCENTRATION/  
KINETICS/ MALE/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES/  
PROSTATE, secretion/ RIBONUCLEASE/  
SEMINAL VESICLES, physiology/ SHEEP/  
\*SPERMATOZOA, drug effects/ \*UTERUS,  
enzymology/ UTERUS, secretion
2989. Joshi N, Robitaille G: Enhancing effect of proteolytic  
enzymes on interferon production.  
Canad J Microbiol 16:206-7, Mar 70  
CHICK EMBRYO/ \*CHIKUNGUNYA VIRUS/  
CULTURE MEDIA/ FIBROBLASTS/  
INTERFERON, analysis/ \*INTERFERON,  
biosynthesis/ \*PEPTIDE HYDROLASES,  
pharmacodynamics/ \*TISSUE CULTURE
2990. Josso F, Ménaché D, Steinbuch M, et al: The P.P.S.B.  
fraction. Bibl Haemat 34:18-22, 1970  
BISHYDROXYCOUMARIN, adverse effects/  
BLOOD COAGULATION DISORDERS, therapy/  
\*BLOOD TRANSFUSION/ \*FACTOR VII/  
\*FACTOR X/ \*FACTOR XI/ \*HEMOPHILIA,  
therapy/ HEMORRHAGIC DISEASE OF  
NEWBORN, therapy/ HUMAN/ LIVER  
DISEASES, therapy/ MALE/ \*PROTHROMBIN/  
VITAMIN K DEFICIENCY, therapy
2991. Jost P: Cumarinnekrosen.  
Schweiz Med Wschr 99:1069-77, 26 Jul 69 (Ger)  
ACENOCOUMAROL, adverse effects/ ADULT/  
AGED/ ANTICOAGULANTS, therapeutic use/  
BREAST DISEASES/ \*CEREBRAL EMBOLISM  
AND THROMBOSIS, drug therapy/  
\*COUMARINS, adverse effects/ DIABETES  
MELLITUS, complications/ ENGLISH  
ABSTRACT/ FEMALE/ FOOT DISEASES/  
\*HEMORRHAGE, chemically induced/  
HEMORRHAGE, therapy/ HUMAN/ MIDDLE  
AGE/ \*NECROSIS, chemically induced/  
NECROSIS, therapy/ OBESITY IN DIABETES,  
complications/ \*PULMONARY EMBOLISM,  
drug therapy/ THROMBOEMBOLISM, drug  
therapy/ \*THROMBOPHLEBITIS, drug therapy/  
THROMBOSIS, prevention & control
2992. Jouan P, Sampedro S, Rocaboy JC, et al: Mise en  
évidence d'un composé de faible poids moléculaire  
associé à la 5-hydroxytryptamine-3H dans le cerveau  
de rat.  
C R Acad Sci [D] (Paris) 271:244-7, 15 Jul 70 (Fre)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS/ \*BRAIN, metabolism/  
CHROMATOGRAPHY, PAPER/  
CHROMATOGRAPHY, THIN LAYER/  
ELECTROPHORESIS/ GEL FILTRATION/  
LIPIDS, metabolism/ LIVER EXTRACTS,  
analysis/ MALE/ MOLECULAR WEIGHT/  
\*RECEPTORS, DRUG/ \*SEROTONIN,  
metabolism/ SYNAPTIC VESICLES/ \*TISSUE  
EXTRACTS, analysis/ TRITIUM
2993. Jouhar AJ: Cost of treatment.  
Brit Med J 2:794, 27 Jun 70  
\*COSTS AND COST ANALYSIS/ HUMAN/  
PULMONARY EMBOLISM, drug therapy/  
\*STREPTOKINASE, therapeutic use/  
THROMBOPHLEBITIS, drug therapy
2994. Józsa L, Szederkényi G, Lusztig G: Untersuchung über  
die Intermediärsubstanz der Aorta bei Aneurysma  
dissecans im Vergleich zu anderen Krankheitsbildern.  
Acta Biol Med German 23:323-8, 1969 (Ger)  
\*AORTA, analysis/ AORTIC ANEURYSM,  
complications/ \*AORTIC ANEURYSM,  
metabolism/ \*AORTIC DISEASES, metabolism/  
AORTIC RUPTURE, etiology/  
ARTERIOSCLEROSIS, metabolism/ AUTOPSY/  
CARDIAC TAMPONADE, etiology/  
\*CHONDROITIN, analysis/ CUSHING'S  
SYNDROME, metabolism/ DIABETIC  
ANGIOPATHIES, metabolism/ FEMALE/  
\*HEPARIN, analysis/ HUMAN/ \*HYALURONIC  
ACID, analysis/ HYPERTHYROIDISM,  
metabolism/ HYPOTHYROIDISM, metabolism/  
MALE/ MIDDLE AGE/  
\*MUCOPOLYSACCHARIDES, analysis/  
SULFATES, analysis/ SYPHILIS,  
CARDIOVASCULAR, metabolism
2995. Józsa L, Szederkényi G, Lusztig G: Der  
Mukopolysaccharidgehalt der menschlichen Aorta  
bei Hyperthyreose.  
Endokrinologie 54:265-72, 1969 (Ger)  
ADULT/ AORTA, analysis/ \*AORTA,  
metabolism/ CHONDROITIN, analysis/  
\*CHONDROITIN, metabolism/ HEPARIN,  
analysis/ \*HEPARIN, metabolism/ HUMAN/



## AUTHOR SECTION

- HYALURONIC ACID, analysis/ \*HYALURONIC ACID, metabolism/ \*HYPERTHYROIDISM, metabolism/ MIDDLE AGE/ MOLECULAR WEIGHT
2996. Juhlin L, Michaëlsson G: Treatment of urticaria with a kallikrein inhibitor.  
Scand J Clin Lab Invest Suppl 107:149+, 1969  
ADULT/ FEMALE/ HUMAN/ KALLIKREIN, pharmacodynamics/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ SKIN TESTS/ \*URTICARIA, drug therapy
2997. Juhlin L, Michaëlsson G: Treatment of urticaria with a kallikrein inhibitor.  
Scand J Clin Lab Invest 24:Suppl 107:149+, 1969  
ADULT/ FEMALE/ HUMAN/ KALLIKREIN, pharmacodynamics/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ SKIN TESTS/ \*URTICARIA, drug therapy
2998. Jungerman D, Lipnicki D: Investigations of the immunochemical properties of a coagulase-negative mutant of *Staphylococcus aureus*.  
Bull Acad Pol Sci [Biol] 17:101-7, 1969  
COAGULASE, analysis/ MUTATION/ \*RADIATION EFFECTS/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, immunology/ \*STAPHYLOCOCCUS, radiation effects/ \*ULTRAVIOLET RAYS
2999. Jurasek L, Fackre D, Smillie LB: Remarkable homology about the disulfide bridges of a trypsin-like enzyme from *Streptomyces griseus*.  
Biochem Biophys Res Commun 37:99-105, 24 Sep 69  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ ELECTROPHORESIS/ HISTIDINE/ METHODS/ PEP SIN/ \*PEPTIDE HYDROLASES/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDES, analysis/ \*STREPTOMYCES, enzymology/ \*SULFIDES/ TRYPSIN
3000. Jürgens J: Diskussions-Bemerkung zum Artikel E. Maurer, "Behandlung mit Anticoagulantien".  
Internist (Berlin) 10:Suppl:36-7, Aug 69 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ BLOOD PRESERVATION/ HUMAN/ METHODS/ \*PROTHROMBIN TIME/ TIME FACTORS
3001. Jürgens J, Lindvall S, Magnusson O, et al: Proteolytic inhibitors in plasma from man treated with a protease from *Aspergillus oryzae*.  
Acta Physiol Scand 78:11-9, Jan 70  
ADULT/ AGED/ ASPERGILLUS, enzymology/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, administration & dosage/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ POPLITEAL ARTERY/ RETINAL VESSELS/ THROMBOPHLEBITIS, drug therapy
3002. Jurko A, Augustínová A, Kulíšek D, et al: Naše zkušenosti s perikarditidami u dětí.  
Česk Pediat 25:267-70, Jun 70 (Slo)  
AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PERICARDIAL EFFUSION, diagnosis/ \*PERICARDITIS, diagnosis/ PERICARDITIS, etiology/ PERICARDITIS, CONSTRUCTIVE, diagnosis/ SKIN TESTS/ STREPTOKINASE, diagnostic use
3003. Jurukova Z, Knierrm HJ: Elektronenmikroskopische Untersuchungen über die Organisation arterieller Thromben.  
Virchow Arch [Path Anat] 349:368-81, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CAROTID ARTERY THROMBOSIS, chemically induced/ \*CAROTID
- ARTERY THROMBOSIS, pathology/ ENDOPLASMIC RETICULUM/ ERYTHROCYTES/ FORMALDEHYDE/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PHAGOCYTOSIS/ RATS/ RIBOSOMES
3004. Jussek EG, Roscher AA: Critical review of contemporary cellulartherapy (celltherapy).  
J Geront 25:119-25, Apr 70 (65 ref.)  
ADRENAL GLAND HYPOFUNCTION/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD TRANSFUSION/ CENTRAL NERVOUS SYSTEM, Immunology/ CUSHING'S SYNDROME/ ECTODERM, Immunology/ ENDOMETRIUM/ FACTOR VIII/ \*GRAFT VS HOST REACTION/ HEART, metabolism/ HEART, transplantation/ \*HISTOCOMPATIBILITY TESTING/ HORMONES, secretion/ HUMAN/ IMMUNITY/ INJECTIONS, INTRAMUSCULAR/ KIDNEY, metabolism/ KIDNEY, transplantation/ LIVER, metabolism/ MESODERM, Immunology/ PANCREATIC EXTRACTS/ PLACENTA, metabolism/ REVIEW/ TESTIS/ TISSUE CULTURE/ \*TISSUE THERAPY/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS
3005. Justus J: Tödliche Luftembolie 3 Stunden post partum bei hochgradiger hypofibrinogenämischer Unterblutung. Zbl Gynaek 91:987-9, 26 Jul 69 (Ger)  
ADULT/ AFIBRINOGENEMIA, complications/ AUTOPSY/ \*EMBOLISM, AIR, complications/ EMBOLISM, AIR, pathology/ FEMALE/ \*HEMORRHAGE, POSTPARTUM, complications/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ PREGNANCY/ TIME FACTORS
- K
3006. Kaaden OR: Zur Wirkung von Pronase und Trypsin auf ein murines Reo-3-Virus.  
Zbl Bakt [Orig] 212:408-12, 1970 (Ger)  
CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ HELA CELLS/ HEMAGGLUTININS, VIRAL, analysis/ MICE/ MICROSCOPY, ELECTRON/ \*PEPTIDE HYDROLASES, pharmacodynamics/ REOVIRUS, drug effects/ REOVIRUS, Immunology/ REOVIRUS, isolation & purification/ REOVIRUS, pathogenicity/ SUCROSE/ TEMPERATURE/ \*TRYPSIN, pharmacodynamics
3007. Kabachnik MI: Vliianie fosfororganicheskikh veshchestv na peredachu nervnogo vozbuзhdeniia. Vestn Akad Nauk SSSR 38:86-94, May 68 (Rus)  
ACETYLCHOLINE, metabolism/ ACETYLCHOLINESTERASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CHOLINESTERASE, blood/ CHYMOTRYPSIN, metabolism/ HUMAN/ \*NEURAL TRANSMISSION, drug effects/ \*PHOSPHATES, pharmacodynamics/ SYNAPSES, enzymology/ TRYPSIN, metabolism
3008. Kabat D: Phosphorylation of ribosomal proteins in rabbit reticulocytes. Characterization and regulatory aspects. Biochemistry (Wash) 9:4160-75, 13 Oct 70  
ALKALINE PHOSPHATASE/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYCLOHEXIMIDE, pharmacodynamics/ DETERGENTS/ EDTA, pharmacodynamics/ ELECTROPHORESIS/ ESCHERICHIA COLI, enzymology/ FLUORIDES, pharmacodynamics/ IN VITRO/ KINETICS/ LIVER, analysis/ \*MOLECULAR WEIGHT/ MUSCLES, analysis/ MYOCARDIUM, analysis/ OSMOLAR CONCENTRATION/ PEPTIDE PEPTIDOHYDROLASES/ \*PHOSPHATES, metabolism/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ PROTEINS, analysis/ \*PROTEINS, biosynthesis/ RABBITS/ RADIOAUTOGRAPHY/ \*RETICULOCYTES, metabolism/ RIBOSOMES, drug effects/ \*RIBOSOMES, metabolism/ RNA,



# AUTHOR SECTION

- biosynthesis/ SERINE/ SOLUBILITY/  
SULFURIC ACIDS/ THREONINE
3009. Kabins SA, Lerner C: Fulminant pneumococemia and sickle cell anemia. JAMA 211:467-71, 19 Jan 70  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
\*ANEMIA, SICKLE CELL, complications/  
ANEMIA, SICKLE CELL, drug therapy/  
BICARBONATES, therapeutic use/ CHILD/  
CHILD, PRESCHOOL/ ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR,  
complications/ FEMALE/  
HEMOGLOBINOPATHIES, drug therapy/  
HEPARIN, therapeutic use/ HUMAN/  
INFANT/ MALE/ MENINGITIS,  
PNEUMOCOCCAL, complications/ MENINGITIS,  
PNEUMOCOCCAL, mortality/ MENINGITIS,  
PNEUMOCOCCAL, occurrence/ OXYGEN,  
therapeutic use/ PENICILLIN G, therapeutic  
use/ \*PNEUMOCOCCAL INFECTIONS,  
etiology/ \*SEPTICEMIA, etiology/ SPLEEN,  
pathology/ THALASSEMIA, complications
3010. Kaffarnik H, Meyer-Bertenrath JG: Bestimmung von Esteraseaktivitäten in vivo mit dem neuen Substrat Fluoresceindilaurinsäureester.  
Arzneimittelforschung 20:754-6, Jun 70 (Ger)  
AMYLASE, pharmacodynamics/ BILE/  
DUODENUM, enzymology/ ENGLISH  
ABSTRACT/ \*ENZYMES, pharmacodynamics/  
\*ESTERASES, metabolism/ ESTERS,  
metabolism/ FATTY ACIDS, metabolism/  
\*FLUORESCINS, urine/ HUMAN/ LIPASE,  
pharmacodynamics/ \*PANCREATIC DISEASES,  
enzymology/ PANCREATIC DISEASES,  
metabolism/ PANCREATIC DISEASES, urine/  
\*PANCREATIN, pharmacodynamics/ PEPTIDE  
HYDROLASES, pharmacodynamics/  
STIMULATION, CHEMICAL/ \*TISSUE  
EXTRACTS, pharmacodynamics
3011. Kagami M: [Laboratory methods for the estimation of plasma clotting factors. Phase 2]  
Jap J Clin Path 16:Suppl 16:85-92, 1969 (Jap)  
\*BLOOD COAGULATION FACTORS, analysis/  
\*BLOOD COAGULATION TESTS/ FACTOR V,  
analysis/ FACTOR X, analysis/ HUMAN/  
METHODS/ PROTHROMBIN, analysis/  
PROTHROMBIN TIME/ THROMBOPLASTIN,  
analysis
3012. Kagami Y: [Consumption coagulopathy]  
Jap J Clin Path 17:831-7, Nov 69 (Jap)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, physiopathology/  
BLOOD COAGULATION TESTS/ FEMALE/  
HUMAN/ LEUKEMIA, MYELOCYTIC,  
physiopathology/ MALE/ MIDDLE AGE/  
MULTIPLE MYELOMA, physiopathology/  
WATERHOUSE-FRIDERICHSEN SYNDROME,  
physiopathology
3013. Kagamiyama H, Morino Y, Snell EE: The chemical structure of tryptophanase from Escherichia coli. I. Isolation and structure of a pyridoxyl decapeptide from borohydride-reduced holotryptophanase.  
J Biol Chem 245:2819-24, 10 Jun 70  
AMINO ACIDS, analysis/ BORON  
COMPOUNDS/ CHROMATOGRAPHY, ION  
EXCHANGE/ CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN/ ELECTROPHORESIS/  
ESCHERICHIA COLI, cytology/  
\*ESCHERICHIA COLI, enzymology/  
FLUORESCENCE/ \*HYDRO-LYASES, isolation  
& purification/ INDOLES, isolation &  
purification/ LYSINE, analysis/  
METHYLATION/ OXIDATION-REDUCTION/  
PAPER/ PEPTIDES, isolation & purification/  
PYRUVATES, isolation & purification/  
SPECTROPHOTOMETRY/ TRYPTOPHAN,  
isolation & purification
3014. Kagan HM, Vallee BL: Environmental sensitivity of azo chromophores in arsanilazocarbonylpeptidase.  
Biochemistry (Wash) 8:4223-31, Nov 69  
AMINO ACIDS, analysis/ \*ARSENIC/  
AUTOANALYSIS/ \*AZO COMPOUNDS/  
\*CARBOXYPEPTIDASES/  
CARBOXYPEPTIDASES, analysis/  
CHEMISTRY/ ESTERASES/ GEL  
FILTRATION/ GUANIDINES/ LYSINE/  
OPTICAL ROTATORY DISPERSION/ PEPTIDE  
HYDROLASES/ PROPIONATES/ PROTEIN  
DENATURATION/ SPECTROPHOTOMETRY/  
SPECTRUM ANALYSIS/ TYROSINE/  
ULTRAVIOLET RAYS/ ZINC
3015. Kagnoff MF: Reduced platelet adhesiveness after whole-body x-irradiation.  
Int J Radiat Biol 15:587-90, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD PLATELETS, radiation  
effects/ DOGS/ PLATELET ADHESIVENESS,  
radiation effects/ \*RADIATION EFFECTS
3016. Kahn MJ, Hemker HC: Studies on blood coagulation factor V. I. The interaction of salts of fatty acids and coagulation factors.  
Thromb Diath Haemorrh 22:417-30, 31 Dec 69  
ADSORPTION/ ANTICOAGULANTS,  
pharmacodynamics/ BARIUM/ \*BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION FACTORS, isolation &  
purification/ BLOOD COAGULATION TESTS/  
CALCIUM, metabolism/ CENTRIFUGATION/  
CITRATES/ ENZYME ACTIVATION/  
\*FACTOR V/ FACTOR IX/ FACTOR X/  
\*FATTY ACIDS/ FILTRATION/ GEL  
FILTRATION/ HIRUDIN, metabolism/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
OXALATES/ PHOSPHOLIPIDS/ SALTS/  
STEARIC ACID/ THROMBIN, biosynthesis
3017. Kahn RA, Cooper RG, Cornell CN, et al: Electron microscopy of bleeder swine platelets.  
Amer J Vet Res 31:679-84, Apr 70  
\*BLOOD COAGULATION DISORDERS,  
veterinary/ BLOOD PLATELET DISORDERS,  
blood/ BLOOD PLATELET DISORDERS,  
complications/ \*BLOOD PLATELET  
DISORDERS, veterinary/ \*BLOOD  
PLATELETS, cytology/ HEMOPHILIA, familial  
& genetic/ \*HEMOPHILIA, veterinary/  
\*MICROSCOPY, ELECTRON/ SWINE/ SWINE  
DISEASES, blood/ SWINE DISEASES,  
complications/ SWINE DISEASES, familial &  
genetic/ \*SWINE DISEASES, pathology
3018. Kalhara M, Fukada E: Dynamic viscoelastic study of the structure of fibrin networks in the clots of blood and plasma. Biorheology 6:329-39, Apr 70  
\*BLOOD COAGULATION/ BLOOD VISCOSITY  
CATTLE/ CHEMISTRY, PHYSICAL/ CLOT  
RETRACTION/ \*ELASTICITY/ FEMALE/  
\*FIBRIN/ IN VITRO/ PHYSICS/ \*PLASMA/  
TEMPERATURE
3019. Kakade ML, Simons NR, Liener IE: The molecular weight of the Bowman-Birk soybean protease inhibitor. Biochim Biophys Acta 200:168-9, 20 Jan 70  
CHYMOTRYPSIN, antagonists & inhibitors/  
GEL FILTRATION/ KINETICS/ \*MOLECULAR  
WEIGHT/ SOY BEANS/ \*TRYPSIN  
INHIBITORS, analysis
3020. Kakade ML, Swenson DH, Liener IE: Note on the determination of chymotrypsin and chymotrypsin inhibitor activity using casein.  
Anal Biochem 33:255-8, Feb 70  
\*CASEIN/ \*CHYMOTRYPSIN, analysis/  
CHYMOTRYPSIN, antagonists & inhibitors/  
COMPARATIVE STUDY/ METHODS/ \*SOY  
BEANS, analysis/ SPECTRUM ANALYSIS/  
TRICHLOROACETIC ACID/ ULTRAVIOLET  
RAYS
3021. Kakkar VV: Treatment of deep vein thrombosis.  
Proc Roy Soc Med 63:133-5, Feb 70  
ANTICOAGULANTS, administration & dosage/  
FIBRINOGEN, metabolism/ HEPARIN,  
administration & dosage/ HUMAN/ IODINE  
ISOTOPES, DIAGNOSTIC/ STREPTOKINASE,  
administration & dosage/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy/ VENOMS,  
administration & dosage
3022. Kakkar VV: The problems of thrombosis in the de



# AUTHOR SECTION

- veins of the leg.  
Ann Roy Coll Surg Eng 45:257-76, Nov 69  
ADULT/ CINEANGIOGRAPHY/ FEMALE/  
FIBRINOGEN/ HEMORRHAGE, chemically  
induced/ HEPARIN, administration & dosage/  
HEPARIN, adverse effects/ HISTORICAL  
ARTICLE/ HISTORY OF MEDICINE, 18TH  
CENT./ HUMAN/ IODINE ISOTOPES,  
DIAGNOSTIC/ \*LEG, blood supply/ MALE/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ STREPTOKINASE,  
administration & dosage/ STREPTOKINASE,  
adverse effects/ \*THROMBOPHLEBITIS/  
THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, history/  
THROMBOPHLEBITIS, occurrence/  
THROMBOPHLEBITIS, prevention & control/  
THROMBOPHLEBITIS, radiography/  
THROMBOPHLEBITIS, surgery/ VENOMS,  
administration & dosage
3023. Kakkar VV, Nicolaidis AN, Renney JT, et al:  
125-I-labelled fibrinogen test adapted for routine  
screening for deep-vein thrombosis.  
Lancet 1:540-2, 14 Mar 70  
COMPARATIVE STUDY/ FEMALE/  
\*FIBRINOGEN, diagnostic use/ HUMAN/  
\*IODINE ISOTOPES, DIAGNOSTIC/  
METHODS/ PREGNANCY/ PUERPERAL  
DISORDERS, diagnosis/ RADIOISOTOPE  
SCANNING, instrumentation/  
\*THROMBOPHLEBITIS, diagnosis
3024. Kakkar VV, Raftery EB: Selection of patients with  
pulmonary embolism for thrombolytic therapy.  
Lancet 2:237-41, 1 Aug 70  
ACUTE DISEASE/ ADULT/ ANGIOGRAPHY/  
BLOOD PRESSURE/ BRACHIAL ARTERY/  
ELECTROCARDIOGRAPHY/ FEMALE/  
FIBRINOLYTIC AGENTS, therapeutic use/  
HEART RATE/ HUMAN/ MALE/ MIDDLE  
AGE/ OXYGEN, blood/ PULMONARY  
ARTERY/ \*PULMONARY EMBOLISM, drug  
therapy/ PULMONARY EMBOLISM, surgery/  
STREPTOKINASE, administration & dosage/  
\*STREPTOKINASE, therapeutic use
3025. Kakkar VV, Raftery EB: Thrombolytic therapy in  
pulmonary embolism. Lancet 2:610, 19 Sep 70  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, therapeutic use/ HUMAN/  
\*PULMONARY EMBOLISM, drug therapy/  
STREPTOKINASE, therapeutic use
3026. Kakkar VV, Renney JT, Nicolaidis AN: A modified  
radioactive fibrinogen test for diagnosing deep-vein  
thrombosis of the legs. Brit J Surg 57:382, May 70  
\*FIBRINOGEN, diagnostic use/ HEART RATE/  
HUMAN/ \*IODINE ISOTOPES, DIAGNOSTIC/  
LEG/ \*THROMBOPHLEBITIS, diagnosis
3027. Kalakutskii LV, Duzha MI: Fermentativnaiaktivnost'  
intaktnykh konidii aktinomitsitov.  
Mikrobiologiya 36:279-83, Mar-Apr 67 (Rus)  
\*ALKALINE PHOSPHATASE, metabolism/  
\*AMINOHYDROLASES, metabolism/ ENGLISH  
ABSTRACT/ KREBS CYCLE/  
\*OXIDOREDUCTASES, metabolism/ PEPTIDE  
HYDROLASES, metabolism/ SPORES,  
enzymology/ \*STREPTOMYCETES, enzymology
3028. Kalantar NR: Sostoiianie trombopoëza pri  
gemotsitoblastozakh.  
Zh Eksp Klin Med 9:64-8, 1969 (Rus)  
\*BLOOD PLATELETS, physiopathology/  
FEMALE/ HUMAN/ \*LEUKEMIA,  
physiopathology/ MALE/ MEGAKARYOCYTES,  
physiopathology
3029. Kalhan SC, Lorber L: Retinal vein thrombosis with  
peripheral venous thrombosis and thrombocytopenia.  
Proc Roy Soc Med 62:910-1, Sep 69  
BONE MARROW DISEASES, pathology/  
CHILD/ FEMORAL VEIN, radiography/  
HUMAN/ MALE/ PREDNISOLONE, therapeutic  
use/ \*RETINAL VESSELS/ \*THROMBOPENIA,  
complications/ \*THROMBOPHLEBITIS,  
complications/ VASCULAR DISEASES, drug  
therapy
3030. Kallagina VP: O dinamike nekotorykh kishechnykh  
fermentov pri kompleksom lechenii (s vklucheniem  
induktothermii) bol'nykh khronicheskim kolitom.  
Vop Kurort Fizioter 34:409-12, Sep-Oct 69 (Rus)  
ADULT/ ALKALINE PHOSPHATASE, analysis/  
CHRONIC DISEASE/ \*COLITIS, enzymology/  
\*COLITIS, therapy/ FECEES, analysis/ \*FECEES,  
enzymology/ FEMALE/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ PEPTIDE  
PEPTIDOHYDROLASES, analysis
3031. Kaller H: Farmacologia do trasyloi.  
Hospital (Rio) 75:715-22, Feb 69 (Por)  
ENZYMES, antagonists & inhibitors/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
metabolism
3032. Kaller H: Die Beeinflussung verschiedener  
Odemformen der Rattenpfote durch Trasyloi.  
Langenbecks Arch Chir 325:288-92, 1969 (Ger)  
ANIMAL EXPERIMENTS/ DEXTRAN/ EDEMA,  
chemically induced/ \*EDEMA, drug therapy/  
ENGLISH ABSTRACT/ FOOT DISEASES,  
chemically induced/ FORMALDEHYDE/  
KALLIKREIN/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ OVALBUMIN/  
POLYVINYLPIRROLIDONE/ RATS/  
SEROTONIN/ SILICA/ TIME FACTORS/  
YEAST, DRIED
3033. Kallinikos-Maniatis A: Megakaryocytes and platelets in  
central venous and arterial blood.  
Acta Haemat (Basel) 42:330-5, 1969  
ADOLESCENCE/ ADULT/ AORTA/ BLOOD  
CELL COUNT/ \*BLOOD PLATELETS/ CELL  
NUCLEUS/ CYTOPLASM/ FEMALE/ HEART  
CATHETERIZATION/ HUMAN/ MALE/  
\*MEGAKARYOCYTES/ MIDDLE AGE/  
PULMONARY ARTERY
3034. Kalra IS, Sabri MI, Dutta GP, et al: Effect of metabolic  
activators, inhibitors and drugs on the proteolytic  
activity of Entamoeba histolytica.  
Zbl Bakt [Orig] 213:135-41, 1970  
AMEBICIDES, pharmacodynamics/  
ANTIBIOTICS, pharmacodynamics/  
\*ANTI-INFECTIVE AGENTS,  
pharmacodynamics/ CASEIN, metabolism/  
CATTLE/ \*CHELATING AGENTS,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
EDTA, pharmacodynamics/ \*EGG YOLK/  
ENTAMOEBA HISTOLYTICA, drug effects/  
\*ENTAMOEBA HISTOLYTICA, enzymology/  
HEMOGLOBIN, metabolism/ HORSES/  
\*IMMUNE SERUMS, pharmacodynamics/ IONS/  
\*METALS, pharmacodynamics/ MONKEYS/  
PEPTIDE PEPTIDOHYDROLASES, antagonists  
& inhibitors/ PEPTIDE  
PEPTIDOHYDROLASES, isolation &  
purification/ \*PEPTIDE  
PEPTIDOHYDROLASES, metabolism/ SERUM  
ALBUMIN, BOVINE, metabolism/  
STIMULATION, CHEMICAL/ TISSUE  
EXTRACTS/ ULTRACENTRIFUGATION
3035. Kamat DN, Samant VT: Studies on esterase  
histochemistry of amphibian kidney.  
Histochemie 20:11-20, 1969  
ACETATES/ ANIMAL EXPERIMENTS/  
CYSTEINE/ \*ESTERASES, metabolism/  
\*FROGS, metabolism/  
HISTOCYTOCHEMISTRY/ \*KIDNEY,  
enzymology/ MERCURY/ NAPHTHALENES/  
PHYSOSTIGMINE/ SODIUM CHLORIDE/  
\*TOADS, metabolism/ TRYPSIN/ WATER  
DEPRIVATION/ WATER-ELECTROLYTE  
BALANCE
3036. Kameyama S, Akama K: Titration of kappa toxin of  
Clostridium perfringens and kappa antitoxin by a  
modified azocoll method.  
Jap J Med Sci Biol 23:31-46, Feb 70  
\*ANTITOXINS, analysis/ AZO COMPOUNDS,  
metabolism/ \*CLOSTRIDIUM PERFRINGENS,  
analysis/ COLLAGEN, metabolism/ DYES,  
metabolism/ METHODS/ NEUTRALIZATION



# AUTHOR SECTION

- TESTS/ PEPTIDE HYDROLASES,  
pharmacodynamics/ \*TOXINS, analysis
3037. Kamino K, Inouye A: Light-scattering studies on rabbit brain microsomes. 3. Coupling of cytochrome b5 and related oxidative activities with microsomal contraction. *Biochim Biophys Acta* 205:246-53, 1970  
AMOBARBITAL/ ANTIMYCIN A/ \*BRAIN, cytology/ CHEMISTRY/  
CHLOROMERCURIBENZOATES/ CYANIDES/  
\*CYTOCHROMES, metabolism/  
ETHYLMALIMIDE/ \*MICROSOMES, metabolism/ NAD/ NADP/ OUABAIN/  
ROTENONE/ VITAMIN K
3038. Kamiya K, Ban I, Nakata Y, et al: [Present status of blood vessel prosthesis]  
*Surg Ther (Osaka)* 21:334-40, Sep 69 (39 ref.) (Jap)  
ARTERIOSCLEROSIS OBLITERANS, surgery/  
\*BLOOD VESSEL PROSTHESIS/ BLOOD VESSEL PROSTHESIS, instrumentation/  
FLUOROCARBON POLYMERS/ HEPARIN, therapeutic use/ HUMAN/ REVIEW/  
THROMBOANGIITIS OBLITERANS, surgery/  
THROMBOSIS, prevention & control
3039. Kamoun P, Kleinknecht D, Ducrot H, et al: Platelet-serotonin in uraemia. *Lancet* 1:782, 11 Apr 70  
ADULT/ \*BLOOD PLATELETS, analysis/  
BLOOD PLATELETS, metabolism/  
GLOMERULONEPHRITIS, blood/ HUMAN/  
PYELONEPHRITIS, blood/  
RETROPERITONEAL FIBROSIS, blood/  
\*SEROTONIN, blood/ \*UREMIA, blood
3040. Kamoun PP, Hamburger J: Measurement of antiplatelet activity of antilymphocyte sera based on the inhibition of 5-hydroxytryptamine uptake by blood platelets. *Transplantation* 10:53-8, Jul 70  
\*ANTIBODIES, analysis/ \*ANTIGENS/  
\*ANTILYMPHOCYTE SERUM, analysis/  
\*BLOOD PLATELETS, immunology/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COMPLEMENT FIXATION TESTS/  
HEMAGGLUTINATION TESTS/ HUMAN/  
METHODS/ \*SEROTONIN, metabolism/  
THROMBOPENIA/ TISSUE CULTURE
3041. Kanaya H, Osawa K: [Excision of hematoma in hypertensive cerebral hemorrhage]  
*Surg Ther (Osaka)* 21:8-16, Jul 69 (Jap)  
\*CEREBRAL HEMORRHAGE, surgery/  
ECHOENCEPHALOGRAPHY/ \*HEMATOMA, surgery/ HUMAN/ \*HYPERTENSION, complications/ METHODS/ POSTOPERATIVE CARE/ POSTURE/ TREPHINING
3042. Kanda K: [Successful hemostasis in massive hemorrhage in labor]  
*Sanfujin Jissai* 18:1004-5, Oct 69 (Jap)  
ADULT/ FEMALE/ HEMORRHAGE, POSTPARTUM, therapy/ \*HEMOSTASIS/  
HUMAN/ KIDNEY DISEASES, complications/  
LABOR COMPLICATIONS/ PREGNANCY/  
UTERINE DISEASES, complications
3043. Kaneshiro MM, Mielke CH Jr, Kasper CK, et al: Bleeding time after aspirin in disorders of intrinsic clotting. *New Eng J Med* 281:1039-42, 6 Nov 69  
ASPIRIN, adverse effects/ \*ASPIRIN, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/  
BLOOD TRANSFUSION/ CHRISTMAS DISEASE, blood/ FACTOR VIII, analysis/  
FACTOR XI DEFICIENCY, blood/  
HEMOPHILIA, blood/ \*HEMORRHAGIC DIATHESIS, blood/ HUMAN/ MALE/  
PLATELET ADHESIVENESS, drug effects/  
VON WILLEBRAND'S DISEASE, blood
3044. Kang AH, Gross J: Amino acid sequence of cyanogen bromide peptides from the amino-terminal region of chick skin collagen.  
*Biochemistry (Wash)* 9:796-804, 17 Feb 70  
ALANINE, analysis/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/  
CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPEPTIDASE A/  
\*COLLAGEN, analysis/ CYANIDES/ GEL FILTRATION/ LYSINE, analysis/ \*PEPTIDES, analysis/ RATS/ SERINE, analysis/ \*SKIN, analysis/ SPECIES SPECIFICITY/ TRYPSIN
3045. Kanoe M, Biobel H, Schaeg W: Selektive Anreicherung von Staphylokokken-Panton-Valentine-Leukozidin mit Aluminiumoxid-Cholesterin.  
*Z Naturforsch [B]* 24:1431-5, Nov 69 (Ger)  
ADSORPTION/ ALUMINUM/ CHOLESTEROL/  
COAGULASE/ DIALYSIS/ EGG YOLK/  
ENGLISH ABSTRACT/ FIBRINOLYSIN/  
FILTRATION/ HEMOLYSINS/  
IMMUNOELECTROPHORESIS/ \*LEUKOCIDIN, isolation & purification/ OXIDES/  
\*STAPHYLOCOCCUS, analysis
3046. Kaplan AP, Metzger H: Partial sequences of six macroglobulin light chains. Absence of sequence correlates to functional activity.  
*Biochemistry (Wash)* 8:3944-51, Oct 69  
AMINO ACID SEQUENCE/ ANTIBODIES, physiology/ HUMAN/ MACROGLOBULINEMIA/  
\*MACROGLOBULINS, analysis/  
MACROGLOBULINS, physiology/ PEPTIDE HYDROLASES/ PEPTIDES/ TRYPSIN
3047. Kaplan BS, Koornhof HJ: Haemolytic-uraemic syndrome: failure to demonstrate circulating endotoxin. *Lancet* 2:1424-5, 27 Dec 69  
\*ANEMIA, HEMOLYTIC, blood/  
\*ENDOTOXINS, blood/ HUMAN/ \*KIDNEY FAILURE, ACUTE, blood/ SHWARTZMAN PHENOMENON/ \*THROMBOPENIA, blood
3048. Kaplan H, Symonds VB, Dugas H, et al: A comparison of properties of the alpha-lytic protease of *Sorangium* sp. and porcine elastase.  
*Canad J Biochem* 48:649-58, Jun 70  
ALANINE/ AMINO ACIDS, analysis/  
DEUTERIUM/ GLYCINE/ HISTIDINE/  
HYDROGEN-ION CONCENTRATION/  
ISOLEUCINE/ KETONES/ KINETICS/  
LEUCINE/ \*MYXOMYCETES, enzymology/  
OPTICAL ROTATORY DISPERSION/  
\*PANCREATOPEPTIDASE/ \*PEPTIDE HYDROLASES/ SERINE/ SWINE
3049. Kaplay SS, Jagannathan V: Purification and properties of ox brain acetylcholinesterase.  
*Arch Biochem* 138:48-57, May 70  
\*ACETYLCHOLINESTERASE/  
ACETYLCHOLINESTERASE, antagonists & inhibitors/ ACETYLCHOLINESTERASE, isolation & purification/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/  
\*BRAIN, enzymology/ CALCIUM PHOSPHATES/ CARBON DIOXIDE/ CATTLE/  
CAUDATE NUCLEUS, cytology/ \*CAUDATE NUCLEUS, enzymology/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DRUG STABILITY/  
ENZYME ACTIVATION/ FREEZING/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/  
METALS/ METHODS/  
PANCREATOPEPTIDASE/ PRECIPITATION/  
PROTAMINES/ SHEEP/ SOLUBILITY/  
SPECTROPHOTOMETRY/ SULFATES/  
SULFURIC ACIDS/ TEMPERATURE
3050. Kaplun MS, Protasevich AI, Orlov VS, et al: Primenenie antibiotikov i proteoliticheskikh fermentov pri lechenii ostrykh odontogennykh osteomielitov.  
*Vestn Khir Grekov* 103:58-9, Dec 69 (Rus)  
\*ANTIBIOTICS, therapeutic use/ HUMAN/  
\*JAW DISEASES, drug therapy/  
\*OSTEOMYELITIS, drug therapy/  
OSTEOMYELITIS, etiology/ \*PEPTIDE HYDROLASES, therapeutic use/ TRYPSIN, therapeutic use
3051. Kapoor NK, Nityanand S: Role of catecholamines in experimental atherosclerosis.  
*Indian J Exp Biol* 7:143-4, Jul 69  
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ EPINEPHRINE, analysis/ \*EPINEPHRINE, blood/  
\*HYPERCHOLESTEREMIA, blood/ MALE/  
NOREPINEPHRINE, analysis/  
\*NOREPINEPHRINE, blood/ PHOSPHOLIPIDS, blood/ RABBITS



## AUTHOR SECTION

052. Kaptiukh RF, Byshevskii ASH: Sostolanie sistemy svertyvaniia u belykh kryss pri dlitel'nom vvedenii pangamata kal'tsila i metionina.  
Vop Pitn 28:25-7, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/  
ANTIFIBRINOLYTIC AGENTS, metabolism/  
ANTITHROMBIN, metabolism/ \*BLOOD  
COAGULATION, drug effects/  
CALCIFICATION, PHYSIOLOGIC,  
drug effects/ CALCIUM, pharmacodynamics/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ FIBRINOGEN, metabolism/  
FIBRINOLYSIS, metabolism/ HEPARIN,  
metabolism/ METHIONINE, administration &  
dosage/ \*METHIONINE, pharmacodynamics/  
PROTHROMBIN, metabolism/ RATS/  
STIMULATION, CHEMICAL/ TIME FACTORS/  
\*VITAMIN B COMPLEX, administration &  
dosage
053. Karády G, Karácsonyi S, Stekker K, et al: Über die Änderung der peripheren Thrombozyten- und Leukozytenzahl bei zirrhatischen Patienten mit Porta-Cava-Shunt.  
Acta Chir Acad Sci Hung 10:325-9, 1969 (Ger)  
\*BLOOD CELL COUNT/ BLOOD PLATELETS/  
ENGLISH ABSTRACT/ HEMORRHAGE,  
GASTROINTESTINAL, prevention & control/  
HUMAN/ HYPERSPLENISM, occurrence/  
HYPERTENSION, PORTAL, blood/  
\*HYPERTENSION, PORTAL, complications/  
HYPERTENSION, PORTAL, surgery/  
LEUKOCYTE COUNT/ \*LIVER CIRRHOSIS,  
surgery/ \*PORTACAVAL ANASTOMOSIS/  
POSTOPERATIVE COMPLICATIONS,  
occurrence/ SPLENOMEGALY, prevention &  
control
054. Karafin L, Kendall AR, Fleisher DS: Urologic complications in percutaneous renal biopsy in children. J Urol 103:332-5, Mar 70  
ADOLESCENCE/ \*BIOPSY, adverse effects/  
CHILD/ CHILD, PRESCHOOL/ \*HEMATOMA,  
etiology/ \*HEMATURIA, etiology/ HUMAN/  
KIDNEY, pathology/ \*KIDNEY DISEASES,  
diagnosis
055. Karapally JC, Dietrich CP: A uronic acid isomerase in Flavobacterium heparinum.  
Canad J Biochem 48:164-9, Feb 70  
\*BACTERIA, enzymology/ BORATES/  
BUFFERS/ CARBON ISOTOPES/  
CHONDROITIN/ CHROMATOGRAPHY, PAPER/  
GLUCOSE/ GLUCURONATES/ HEPARIN/  
HYALURONIC ACID/ HYDROGEN-ION  
CONCENTRATION/ \*ISOMERASES/  
ISOMERASES, antagonists & inhibitors/  
ISOMERASES, isolation & purification/  
ISOMERASES, metabolism/  
MONOSACCHARIDES/  
MUCOPOLYSACCHARIDES, metabolism/  
PHOSPHATES/ RADIOAUTOGRAPHY/  
TEMPERATURE/ URONIC ACIDS
056. Karasniarskala MP: Opyt primenenia geparina u bol'nykh aterosklerozom i pri ego oslozhneniakh.  
Klin Med (Moskva) 47:143-5, May 69 (Rus)  
AGED/ \*ARTERIOSCLEROSIS, drug therapy/  
FEMALE/ \*HEPARIN, therapeutic use/  
HUMAN/ MALE
057. Karatay S, Katircioglu S, Erözden O: Titration of hormone metabolites in cases of nasopharyngeal angiofibroma five years after the operation.  
Acta Otolaryng (Stockholm) 67:97-100, Feb-Mar 69  
ANGIOMA, SCLEROSING, drug therapy/  
\*ANGIOMA, SCLEROSING, urine/ ESTRONE,  
urine/ FOLLOW-UP STUDIES/ HUMAN/  
17-HYDROXYCORTICOSTEROIDS, urine/  
17-KETOSTEROIDS, urine/ MALE/  
NASOPHARYNGEAL NEOPLASMS, drug  
therapy/ \*NASOPHARYNGEAL NEOPLASMS,  
urine
058. Kärcher KH: Die Behandlung der lokalen und allgemeinen Strahlenreaktion.  
Langenbecks Arch Chir 325:993-7, 1969 (Ger)  
BRONCHIAL NEOPLASMS, radiotherapy/  
ELECTROLYTES, therapeutic use/ ENGLISH  
ABSTRACT/ HUMAN/ INTESTINAL  
NEOPLASMS, radiotherapy/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*NEOPLASMS, radiotherapy/  
PANCREATIC NEOPLASMS, radiotherapy/  
PREDNISOLONE, therapeutic use/  
PYRIDOXINE, therapeutic use/ \*RADIATION  
INJURY, drug therapy/ RADIODERMATITIS,  
drug therapy/ RADIOTHERAPY, HIGH  
ENERGY, adverse effects
3059. Karev NI, Lichinitser MR, Moroz LV, et al: Rezul'taty klinicheskogo izucheniia preparata asafan.  
Vop Onkol 16:41-5, May 70 (Rus)  
BONE NEOPLASMS, drug therapy/ BREAST  
NEOPLASMS, drug therapy/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ KIDNEY  
NEOPLASMS, drug therapy/ LEUKOPENIA,  
chemically induced/ LIVER NEOPLASMS, drug  
therapy/ NEOPLASM METASTASIS/  
\*NEOPLASMS, drug therapy/ NITROGEN  
MUSTARD COMPOUNDS, adverse effects/  
\*NITROGEN MUSTARD COMPOUNDS,  
therapeutic use/ OVARIAN NEOPLASMS, drug  
therapy/ STOMACH NEOPLASMS, drug  
therapy/ THROMBOPENIA, chemically induced
3060. Karges HE, Kühn K: The cross striation pattern of the fibrin fibril. Europ J Biochem 14:94-7, 1 May 70  
ACETATES/ CATTLE/ \*FIBRIN/  
MICROSCOPY, ELECTRON/ STAINS AND  
STAINING/ TUNGSTEN/ URANIUM
3061. Karitzky D, Pringsheim W, Künzer W: Fibrinogen and fibrinolysis in the respiratory distress syndrome: observation during the first day of life.  
Acta Paediat Scand 59:281-7, May 70  
AUTOPSY/ CEREBRAL HEMORRHAGE,  
complications/ \*FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ HUMAN/ IMMUNE SERUMS/  
IMMUNOASSAY/ IN VITRO/ INFANT,  
NEWBORN/ METHODS/ RESPIRATORY  
DISTRESS SYNDROME, complications/  
\*RESPIRATORY DISTRESS SYNDROME,  
immunology/ TIME FACTORS
3062. Karkalitskii IM, Karkalitskala GV, Ashikhmina EM, et al: K kharakteristike biokhemiceskikh sdvigov pri éksperimental'nom B6-glipovitaminnoze.  
Vop Pitn 29:23-8, Jan-Feb 70 (Rus)  
ALANINE AMINOTRANSFERASE, metabolism/  
ALPHA GLOBULIN, metabolism/ ANIMAL  
EXPERIMENTS/ APPETITE DISORDERS,  
etiology/ ARTERIOSCLEROSIS, pathology/  
ASPARTATE AMINOTRANSFERASE,  
metabolism/ BETA GLOBULIN, metabolism/  
BODY WEIGHT/ CONVULSIONS, etiology/  
ENGLISH ABSTRACT/ FATTY LIVER,  
etiology/ FATTY STREAK, ARTERIAL/  
FEMALE/ INJECTIONS, INTRAMUSCULAR/  
ISONIAZID, pharmacodynamics/ LEG,  
physiopathology/ LIPOPROTEINS, metabolism/  
MALE/ PARESIS, etiology/ PYRIDOXINE,  
urine/ \*PYRIDOXINE DEFICIENCY, chemically  
induced/ PYRIDOXINE DEFICIENCY,  
diagnosis/ PYRIDOXINE DEFICIENCY,  
enzymology/ PYRIDOXINE DEFICIENCY,  
metabolism/ RIBOFLAVIN, urine/ RODENTS/  
SERUM GLOBULINS, metabolism/ SKIN  
DISEASES, etiology
3063. Karlsson FA, Peterson PA, Berggard I: Properties of halves of immunoglobulin light chains.  
Proc Nat Acad Sci USA 64:1257-63, Dec 69  
AMINO ACIDS, analysis/ BENCE JONES  
PROTEIN/ BLOOD PROTEIN  
ELECTROPHORESIS/ CHEMISTRY/ \*GAMMA  
GLOBULIN/ HUMAN/ IMMUNE SERUMS/  
IMMUNOGLOBULINS/ IMMUNOGLOBULINS,  
analysis/ IMMUNOGLOBULINS, urine/  
MOLECULAR WEIGHT/ MULTIPLE  
MYELOMA, urine/ PAPAIN/ PEPSIN/  
TRYPSIN
3064. Karpas CM, Madden RE: Tumor cells and megakaryocytes in the blood: their detection and importance. Progr Clin Cancer 4:62-83, 1970 (184 ref.)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION FACTORS/ HUMAN/  
\*MEGAKARYOCYTES/ \*NEOPLASM  
CIRCULATING CELLS/ \*NEOPLASM



# AUTHOR SECTION

- METASTASIS/ NEOPLASM SEEDING/  
NEOPLASMS, immunology/ NEOPLASMS,  
pathology/ NEOPLASMS, surgery/  
NEOPLASMS, therapy/ REVIEW
3065. Karparkin M: Fibrin split products in serum of newborn: possible technical errors. Pediatrics 45:157-8, Jan 70  
\*BLOOD COAGULATION TESTS, standards/  
\*FIBRINOLYSIS/ HUMAN/ \*INFANT, NEWBORN
3066. Karparkin S, Charnatz A, Langer RM: Glycogenesis and glyconeogenesis in human platelets. Incorporation of glucose, pyruvate, and citrate into platelet glycogen; glycogen synthetase and fructose-1,6-diphosphatase activity. J Clin Invest 49:140-9, Jan 70  
ADENOSINE TRIPHOSPHATE, metabolism/  
\*ALDEHYDE-LYASES/ BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ \*CITRATES, metabolism/ \*GLUCONEOGENESIS/ GLUCOSE, metabolism/  
\*GLUCOSYLTRANSFERASES, metabolism/  
\*GLYCOGEN, biosynthesis/ GLYCOGEN, metabolism/ HEXOSEPHOSPHATES/ HUMAN/ IN VITRO/ LACTATES, biosynthesis/  
\*PYRUVATES, metabolism
3067. Karparkin S, Charnatz A: Heterogeneity of human platelets. 3. Glycogen metabolism in platelets of different sizes. Brit J Haemat 19:135-43, Aug 70  
BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CITRATES, metabolism/  
GLUCOSE, metabolism/  
GLUCOSYLTRANSFERASES, metabolism/  
GLYCOGEN, analysis/ GLYCOGEN, biosynthesis/ \*GLYCOGEN, metabolism/  
HEXOSEDIPHOSPHATASE, metabolism/  
HUMAN/ IN VITRO/ KINETICS/  
PYRUVATES, metabolism
3068. Karpinskaia VM: Immunelektroforeticheskoe izuchenie fibrinogena i produktov raspada fibrinogena i fibrina. (Rus)  
Probl Gemat 13:53-6, Jan 68  
\*BLOOD COAGULATION DISORDERS, blood/  
ENGLISH ABSTRACT/ \*FIBRIN, analysis/  
\*FIBRINOGEN, analysis/ FIBRINOLYSIS/  
HUMAN/ IMMUNOELECTROPHORESIS
3069. Karpiński H, Mondelski S: Próba wstępnej ujęcia zagadnienia zakrzepu żyły środkowej ślaskówki. (Pol)  
Klin Oczna 40:45-9, 1970  
ENGLISH ABSTRACT/ \*HEPARIN, therapeutic use/ HUMAN/ \*RETINAL VESSELS/  
\*THROMBOSIS, drug therapy/ \*VASODILATOR AGENTS, therapeutic use/ VEINS
3070. Karpov MV: Vlianie transportirovki na konservirovanniu krov'. (Rus)  
Voennomed Zh 12:70-1, Dec 69  
\*BLOOD PRESERVATION/ \*MILITARY MEDICINE/ USSR/ \*VIBRATION
3071. Karppinen K: The electrophoretic mobility of red cells and platelets and the plasma viscosity in coronary heart disease. Acta Med Scand [Suppl] Suppl 506:7+, 1970  
ADULT/ BLOOD PLATELETS, physiopathology/ \*BLOOD PLATELETS, physiopathology/ BLOOD SUGAR, analysis/  
\*BLOOD VISCOSITY/ CHOLESTEROL, blood/  
\*CORONARY DISEASE, blood/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS/  
ERYTHROCYTES, physiopathology/  
\*ERYTHROCYTES, physiopathology/  
FIBRINOGEN, analysis/ GLUCOSE TOLERANCE TEST/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ MOTION/  
RHEOLOGY/ TRIGLYCERIDES, blood/ URIC ACID, blood
3072. Kartashevskii NG, Rumiantsev VV: Mikroskustki konservirovannoi krovli. (Rus)  
Probl Gemat 13:6-9, May 68  
\*BLOOD COAGULATION/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, adverse effects/ \*EMBOLISM, etiology/  
ENGLISH ABSTRACT/ HUMAN/ METHODS/  
TIME FACTORS
3073. Kartin P, Petek A: Von Hippel-Lindausche Krankheit mit spinaler Symptomatik und Pyelon et Ureter duplex. Nervenarzt 40:333-5, Jul 69 (Ger)  
ABNORMALITIES, MULTIPLE/ ADULT/  
\*ANGIOMATOSIS, complications/ \*EYE NEOPLASMS, complications/ HUMAN/  
\*KIDNEY PELVIS, abnormalities/ MALE/  
MYELOGRAPHY/ \*RETINA/ SPINAL CORD DISEASES, complications/ \*URETER, abnormalities/ UROGRAPHY
3074. Karyofilis A, Schiersmann O: Zur röntgenologische Differentialdiagnose des Cauda-Syndroms. (Ger)  
Nervenarzt 40:542-5, Nov 69  
CEREBROSPINAL FLUID PROTEINS, analysis/ CONTRAST MEDIA/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ \*INTERVERTEBRAL DISK DISPLACEMENT, radiography/ MALE/  
MYELOGRAPHY/ NEURILEMMOMA, radiography/ NEUROLOGIC MANIFESTATIONS/ SPINAL CORD NEOPLASMS, cerebrospinal fluid/ \*SPINAL CORD NEOPLASMS, radiography/ URINARY INCONTINENCE
3075. Kasab'ian SS, Belikov ES: Gistokhimicheskaja kharakteristika askorbinovoi kisloty v opukholkah nervnoi sistemy. Arkh Pat 31:48-52, 1969 (Ru)  
ARACHNOID/ \*ASCORBIC ACID, analysis/  
ASTROCYTOMA, metabolism/ ENGLISH ABSTRACT/ EPENDYMOMA, metabolism/  
GLIOBLASTOMA MULTIFORME, metabolism/  
\*GLIOMA, metabolism/  
\*HEMANGIOENDOTHELIOMA, metabolism/  
HISTOCYTOCHEMISTRY/ HUMAN/  
MEDULLOBLASTOMA, metabolism/  
MENINGIOMA, metabolism/ \*NEOPLASMS, NERVOUS TISSUE, metabolism
3076. Kasai N, Hayashi Y, Komatsu N, et al: [Symposium activity of endotoxin] Jap J Bact 25:163-7, Mar 70 (J)  
ANIMAL EXPERIMENTS/ CHICK EMBRYO/  
\*ENDOTOXINS/ FEVER/ GUINEA PIGS/  
PHAGOCYTOSIS/ POLYSACCHARIDES, BACTERIAL, analysis/ RABBITS/  
SHWARTZMAN PHENOMENON
3077. Kasai Y, Danjo Y: [Present status of the artificial kidney] Surg Ther (Osaka) 21:326-33, Sep 69 (45 ref.) (J)  
BLOOD UREA NITROGEN/  
EXTRACORPOREAL CIRCULATION/  
HEMODIALYSIS/ HEPARIN, therapeutic use/  
HUMAN/ \*KIDNEY, ARTIFICIAL/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY FAILURE, CHRONIC, therapy/ PERFUSION REVIEW/ WATER-ELECTROLYTE BALANCE
3078. Kasatkina ID, Bistritskaite GB, Zheltova ET: Obnaruzhenie razlichnykh gidrolaz u mikroorganizmov na plotnykh sredakh. (R)  
Mikrobiologija 38:41-7, Jan-Feb 69  
\*AMYLASE, analysis/ \*ASPERGILLUS, enzymology/ \*BACILLUS, enzymology/  
CULTURE MEDIA/ ENGLISH ABSTRACT/  
METHODS/ \*NUCLEOSIDASES, analysis/  
\*PEPTIDE HYDROLASES, analysis
3079. Kasche V: Activity distributions in modified alpha-chymotrypsin. Biochem Biophys Res Commun 38:875-81, 12 Mar 69  
BUFFERS/ CHEMISTRY/  
CHROMATOGRAPHY/ \*CHYMOTRYPSIN/  
CHYMOTRYPSIN, antagonists & inhibitors/  
CHYMOTRYPSIN, radiation effects/ COBAL ISOTOPES/ HEAT/ KINETICS/ OSMOLAR CONCENTRATION/ PLANTS/  
POLYSACCHARIDES/ RADIATION EFFECTS/  
SPECTRUM ANALYSIS/ TRYPSIN INHIBITORS/ ULTRAVIOLET RAYS
3080. Kashin AS: Epsilon-aminokapronovaja kislota khirurgii. Veterinarlia 46:63-4, Jun 69 (R)  
\*AMINOCAPROIC ACID/ ANIMAL



## AUTHOR SECTION

- EXPERIMENTS/ RABBITS/ \*VETERINARY MEDICINE
3081. Kassens WD Jr, Tobin G, Peacock EE Jr: Preoperative induction of healing in skin wounds in rats. Surg Forum 20:60-3, 1969  
ADIPOSE TISSUE, injuries/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ \*COLLAGEN, biosynthesis/ FASCIA, injuries/ HEMATOMA, metabolism/ LIVER, transplantation/ LIVER REGENERATION/ RATS/ \*SKIN, injuries/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ \*WOUND HEALING/ WOUNDS AND INJURIES, metabolism
3082. Katalin Z, László K, Agnes F: A vér fibrinolyticus aktivitása atherosclerosisban. Orv Hetil 111:1579-80, 5 Jul 70 (Hun)  
\*ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS/ HUMAN
3083. Kato H, Suzuki T: Substrate specificities of kinin releasing enzymes: hog pancreatic kallikrein and snake venom kininogenase. J Biochem (Tokyo) 68:9-17, Jul 70  
AMINO ACIDS/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ESTERS/ FIBRINOLYSIS, metabolism/ \*KALLIKREIN, metabolism/ KININS, biosynthesis/ KININS, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ OXIDATION-REDUCTION/ PANCREAS, enzymology/ \*PEPTIDE HYDROLASES, metabolism/ PEPTIDES/ SNAKES/ SWINE, enzymology/ TRYPSIN, metabolism/ \*VENOMS
3084. Kato I: [Affinity chromatography] Protein (Tokyo) 14:1143-51, Dec 69 (28 ref.) (Jap)  
ANTIBODIES, analysis/ \*CHROMATOGRAPHY/ ENZYMES, analysis/ METHODS/ OVALBUMIN, analysis/ PEPTIDES, analysis/ POLYSACCHARIDES, analysis/ PROTEINS, analysis/ REVIEW/ STAPHYLOCOCCUS, analysis/ TRYPSIN, analysis
3085. Kato I, Anfinsen CB: Purification of synthetic ribonuclease S-peptide derivatives by specific complex formation on columns of ribonuclease S-protein bound to agarose. J Biol Chem 244:5849-55, 10 Nov 69  
AMINO ACIDS, analysis/ BROMINE/ CHROMATOGRAPHY/ CYANIDES/ ELECTROPHORESIS/ GEL FILTRATION/ METHODS/ PEPTIDES, analysis/ PEPTIDES, chem synthesis/ \*PEPTIDES, isolation & purification/ \*POLYSACCHARIDES/ \*PROTEINS/ \*RIBONUCLEASE/ TRYPSIN
3086. Kato T, Abe H: [Adhesive ovarian tumors] Sanfujin Jissai 19:358-61, Apr 70 (Jap)  
ADHESIONS, diagnosis/ \*ADHESIONS, surgery/ FEMALE/ HUMAN/ OVARIAN NEOPLASMS, diagnosis/ \*OVARIAN NEOPLASMS, surgery
3087. Katori M: [Determination method for plasma kinin and related enzymes and their role in various disease states] Jap J Allerg 18:505-17, Jun 69 (67 ref.) (Jap)  
ADULT/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRADYKININ, analysis/ BRADYKININ, blood/ DOGS/ EDEMA, blood/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ \*ENZYMES/ ENZYMES, blood/ ENZYMES, physiology/ FEMALE/ GUINEA PIGS/ HISTAMINE, antagonists & inhibitors/ HUMAN/ KALLIKREIN, blood/ \*KININS/ KININS, analysis/ KININS, blood/ KININS, physiology/ MALE/ METHODS/ PREGNANCY/ RABBITS/ RATS/ REVIEW/ TRYPSIN INHIBITORS
3088. Katsas AG, Sapountzis DP, Leoutsakos BG: Unusual cause of intramural hematoma of duodenum. Amer Surg 36:563-4, Sep 70  
ADULT/ \*DUODENAL OBSTRUCTION, etiology/ DUODENAL ULCER, surgery/ DUODENUM, injuries/ GASTRECTOMY/ \*HEMATOMA, etiology/ HUMAN/ MALE/
- \*PYLORUS, surgery/ \*SURGERY, OPERATIVE, adverse effects
3089. Katsuyama N: [Electron microscopic study on the effect of vitamins E and K1, anabolic steroids and adrenal cortex hormones on experimental liver diseases of dietary origin] Acta Paediat Jap 73:1177-82, 1 Aug 69 (Jap)  
\*ADRENAL CORTEX HORMONES, pharmacodynamics/ \*ANABOLIC STEROIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ DIET/ \*LIVER, drug effects/ LIVER DISEASES, etiology/ LIVER DISEASES, pathology/ MICROSCOPY, ELECTRON/ \*PHYTONADIONE, pharmacodynamics/ RATS/ \*VITAMIN E, pharmacodynamics
3090. Kattermann R, Creutzfeldt W: The effect of experimental cholestasis on the negative feedback regulation of cholesterol synthesis in rat liver. Scand J Gastroent 5:337-42, 1970  
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ CARBON ISOTOPES/ CHOLESTASIS, metabolism/ \*CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ FEEDBACK/ GLYCERIDES, analysis/ IN VITRO/ \*JAUNDICE, OBSTRUCTIVE, metabolism/ LIPIDS, analysis/ LIPIDS, blood/ LIVER, analysis/ \*LIVER, metabolism/ MALE/ PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, blood/ RATS/ TIME FACTORS/ TRIGLYCERIDES, blood
3091. Kattlove HE, Shapiro SS, Spivack M: Hereditary prothrombin deficiency. New Eng J Med 282:57-61, 8 Jan 70  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ FEMALE/ GEL DIFFUSION TESTS/ HOMOZYGOTE/ HUMAN/ HYPOPROTHROMBINEMIAS, complications/ \*HYPOPROTHROMBINEMIAS, familial & genetic/ HYPOPROTHROMBINEMIAS, therapy/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ PEDIGREE/ \*PROTHROMBIN, analysis/ PROTHROMBIN TIME/ TOOTH EXTRACTION, adverse effects
3092. Kattlove HE, Spaet TH: The effect of chromium on platelet function in vitro. Blood 35:659-68, May 70  
ADENINE NUCLEOTIDES, metabolism/ BLOOD COAGULATION FACTORS, antagonists & inhibitors/ \*BLOOD PLATELETS, drug effects/ CHROMATES, pharmacodynamics/ \*CHROMIUM, pharmacodynamics/ CHROMIUM ISOTOPES/ CONNECTIVE TISSUE/ DENSITOMETRY/ EPINEPHRINE, metabolism/ HUMAN/ IN VITRO/ LIPOPROTEINS, antagonists & inhibitors/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, metabolism/ SODIUM, pharmacodynamics/ THROMBIN
3093. Katz AH: Hemophilia. Some vocational aspects. Bibl Haemat 34:203-8, 1970  
\*HEMOPHILIA, rehabilitation/ HUMAN/ MALE/ \*REHABILITATION, VOCATIONAL/ SELF CONCEPT/ SOCIAL ADJUSTMENT
3094. Katz J, Levitz M, Gorstein F, et al: Influence of trypsin on in vitro RNA synthesis by disrupted nuclei of rat and human uteri in different hormonal states. Endocrinology 87:294-301, Aug 70  
ANIMAL EXPERIMENTS/ CASTRATION/ \*ENDOMETRIUM, analysis/ ENDOMETRIUM, metabolism/ \*ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ HYSTERECTOMY/ IN VITRO/ PHYSIOLOGY, COMPARATIVE/ \*PROGESTERONE, administration & dosage/ RATS/ \*RNA, biosynthesis/ SPECIES SPECIFICITY/ \*TRYPSIN, pharmacodynamics/ \*UTERUS, drug effects/ \*UTERUS, metabolism
3095. Katz WA, Schubert M: The interaction of monosodium urate with connective tissue components. J Clin Invest 49:1783-9, Oct 70  
ANIMAL EXPERIMENTS/ BINDING SITES/ BUFFERS/ \*CARTILAGE, analysis/ CATTLE/



## AUTHOR SECTION

- \*CHONDROITIN/ CRYSTALLIZATION/  
DIALYSIS/ GOUT, metabolism/  
HYALURONIDASE, pharmacodynamics/ IN  
VITRO/ \*PROTEINS/ \*SODIUM/ SOLUBILITY/  
\*SOLUBILITY/ SPECTROPHOTOMETRY/  
SULFATES/ TRYPSIN, pharmacodynamics/  
\*URIC ACID
3096. Kaufmann J, Siefker K: Medikamentöse Senkung  
postoperativer Blutungen nach Prostatektomien  
(Erfahrungen mit dem Fibrinolysehemmer AMCA)  
Urologe 8:57-9, Mar-Apr 69 (Ger)  
ANTIFIBRINOLYTIC AGENTS,  
adverse effects/ \*ANTIFIBRINOLYTIC  
AGENTS, therapeutic use/  
\*CYCLOHEXANECARBOXYLIC ACIDS,  
therapeutic use/ ENGLISH ABSTRACT/  
\*HEMORRHAGE, drug therapy/ HUMAN/  
MALE/ POSTOPERATIVE COMPLICATIONS,  
drug therapy/ \*PROSTATECTOMY, adverse  
effects
3097. Kaulla E von, Kaulla KN von: Oral contraceptives and  
low antithrombin-3 activity. Lancet 1:36, 3 Jan 70  
\*ANTITHROMBIN, blood/ BLOOD  
COAGULATION TESTS/ \*CONTRACEPTIVES,  
ORAL/ ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR/ FEMALE/ HUMAN/  
MALE/ THROMBOEMBOLISM, etiology
3098. Kaulla KN von, Wasantapruek S: Extraction of  
plasminogen activator from canine vascular segments  
in situ. Proc Soc Exp Biol Med 132:830-4, Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD VESSELS/  
DOGS/ FEMORAL ARTERY/ FEMORAL  
VEIN/ HYDROGEN-ION CONCENTRATION/  
JUGULAR VEIN/ METHODS/ \*PLASMINOGEN,  
isolation & purification/ TEMPERATURE
3099. Kawafuchi JI, Shirakura T, Azuma M, et al:  
Hematological study on a case with cerebellar  
hemangioblastoma associated with erythrocytosis,  
with special reference to a erythropoiesis-stimulating  
activity present in the fluid of the cyst of tumor.  
Blut 20:69-75, Feb 70  
ADOLESCENCE/ \*ANGIOSARCOMA, blood/  
ANGIOSARCOMA, complications/  
ANGIOSARCOMA, familial & genetic/  
ANGIOSARCOMA, pathology/ BIOLOGICAL  
ASSAY/ BLOOD CELL COUNT/ BLOOD  
VOLUME/ BONE MARROW EXAMINATION/  
\*CEREBELLAR NEOPLASMS, blood/  
CEREBELLAR NEOPLASMS, complications/  
CEREBELLAR NEOPLASMS, familial &  
genetic/ CEREBELLAR NEOPLASMS, surgery/  
ERYTHROCYTES, metabolism/  
\*ERYTHROPOIESIS/ FEMALE/  
HEMANGIOENDOTHELIOMA, surgery/  
HEMATOCRIT/ HEMOGLOBINOMETRY/  
HUMAN/ IRON, blood/ IRON ISOTOPES/  
MALE/ \*POLYCYTHEMIA, blood/  
POLYCYTHEMIA, complications/  
RETICULOCYTES
3100. Kawakita Y, Goto H, Takahama T, et al: [Refractory  
idiopathic thrombocytopenic purpura]  
Nanka 24:1049-54, Dec 69 (Jap)  
ADULT/ CHRONIC DISEASE/ FEMALE/  
HUMAN/ PARAMETHASONE, therapeutic use/  
PURPURA, THROMBOPENIC, drug therapy/  
PURPURA, THROMBOPENIC, surgery/  
\*PURPURA, THROMBOPENIC, therapy/  
SPLENECTOMY
3101. Kawamoto M, Graumann W: Histologische und  
spektralphotometrische Untersuchungen zur  
fluoreszenzmikroskopischen Bestimmung der "Stärke  
der Metachromotopie" mit Akridinorange.  
Acta Histochem (Jena) 33:238-46, 1969 (Ger)  
\*ACRIDINES/ ANIMAL EXPERIMENTS/  
CHEMISTRY/ CHONDROITIN/ DYE DILUTION  
TECHNIC/ ENGLISH ABSTRACT/  
\*FLUORESCENT DYES/ FLUOROMETRY/  
GLYCOGEN/ HAMSTERS/ HEPARIN/  
HEPARIN, antagonists & inhibitors/  
HISTOLOGICAL TECHNIQUES/ HYALURONIC  
ACID/ MICROSCOPY, FLUORESCENCE/  
NEURAMINIC ACIDS/ POLYSACCHARIDES/  
SPECTROPHOTOMETRY/ \*STAINS AND  
STAINING/ SULFATES
3102. Kawamura J, Sawanishi K, Takayama H, et al:  
"Hemophilia A" presenting unusual vesical bleeding  
report of a case. Acta Urol Jap 15:827-46, Dec 69  
ADULT/ \*BLADDER NEOPLASMS, surgery/  
\*CARCINOMA, EPIDERMOID, surgery/  
ENGLISH ABSTRACT/ FACTOR VIII/  
\*HEMOPHILIA, surgery/ \*HEMORRHAGE,  
surgery/ HUMAN/ MALE/ PEDIGREE/  
UROGRAPHY
3103. Kawano T, Morimoto K, Uemura Y: Partial purification  
and properties of urokinase inhibitor from human  
placenta. J Biochem (Tokyo) 67:333-42, Mar 70  
CHROMATOGRAPHY/ DEXTRAN/ FEMALE/  
\*FIBRINOLYTIC AGENTS, antagonists &  
inhibitors/ GEL FILTRATION/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
IMMUNOELECTROPHORESIS/ MOLECULAR  
WEIGHT/ \*PLACENTAL EXTRACTS, isolation  
& purification/ PLASMINOGEN, analysis/  
PREGNANCY/ STREPTOKINASE, analysis/  
TEMPERATURE/ THROMBOPLASTIN,  
analysis/ TRYPSIN INHIBITORS, analysis
3104. Kay G, Lilly MD: The chemical attachment of  
chymotrypsin to water-insoluble polymers using  
2-amino-4,6-dichloro-s-triazine.  
Biochim Biophys Acta 198:276-85, 11 Feb 70  
CELLULOSE/ CHEMISTRY/ CHLORINE/  
\*CHYMOTRYPSIN/ DEXTRAN/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ METHODS/ METHYLCELLULOSE  
\*POLYMERS/ POLYSACCHARIDES/  
SOLUBILITY/ TEMPERATURE/ TIME  
FACTORS/ \*TRIAZINES/ WATER
3105. Kay HE: Preparation and uses of platelet concentrat  
Brit J Haemat 17:603, Dec 69  
\*BLOOD PLATELETS/ BLOOD  
PRESERVATION/ \*BLOOD TRANSFUSION/  
CENTRIFUGATION/ HUMAN/ METHODS/  
THROMBOPENIA, therapy
3106. Kazakova VA, Iakubovskaja NIa: K voprosu bole  
villebranda u detei.  
Vop Okhr Materin Dets 14:92, Feb 69 (R)  
CHILD/ FEMALE/ HUMAN/ \*VON  
WILLEBRAND'S DISEASE
3107. Kazemi H, Colman R: EACA and intravascu  
coagulation. New Eng J Med 281:1247, 27 Nov  
AMINOCAPROIC ACID, administration &  
dosage/ \*AMINOCAPROIC ACID, adverse  
effects/ ARM, blood supply/ \*BLOOD  
COAGULATION DISORDERS, chemically  
induced/ HEPARIN, administration & dosage/  
HUMAN/ ISCHEMIA
3108. Kazimirko NK: Vlianie predvaritel'nogo peregreva  
organizma na svertyvaiushchuiu sistemu krov  
uslovialkh ostroi krovopoteri.  
Vrach Delo 1:9-11, Jan 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*BLOOD COAGULATION  
DISORDERS, etiology/ ENGLISH ABSTRACT/  
\*HEAT, adverse effects/ \*HEMORRHAGE/  
HEMORRHAGE, complications/ METHODS/  
RABBITS
3109. Kaziro Y, Inoue N, Kuriki Y, et al: Purification  
properties of factor G.  
Sympos Quant Biol 34:385-93, 1969  
AMINO ACIDS/ AMMONIUM COMPOUNDS  
ANIMAL EXPERIMENTS/ BINDING SITES  
CENTRIFUGATION, DENSITY GRADIENT/  
CHROMATOGRAPHY/ CHROMATOGRAPHY/  
ION EXCHANGE/ CRYSTALLIZATION/  
ELECTROPHORESIS, DISK/ \*ESCHERICHIA  
COLI, enzymology/ GUANINE NUCLEOTIDE  
\*LIVER, enzymology/ MAGNESIUM/  
METHODS/ MODELS, BIOLOGIC/ MODELS  
CHEMICAL/ MOLECULAR WEIGHT/  
PEPTIDES, biosynthesis/ PHENYLALANINE  
\*PHOSPHATASES/ PHOSPHATASES,  
antagonists & inhibitors/ PHOSPHATASES  
isolation & purification/ PRECIPITATION/  
PROTAMINES/ RIBOSOMES, metabolism/  
RNA, SOLUBLE/ SULFATES/ SWINE/ TI  
FACTORS/ \*TRANSFERASES/  
TRANSFERASES, antagonists & inhibitors



# AUTHOR SECTION

TRANSFERASES, isolation & purification/  
TRITIUM/ ULTRACENTRIFUGATION

3110. Kazmier FJ, Didisheim P, Fairbanks VF, et al: Intravascular coagulation and arterial disease. Thromb Diath Haemorrh 36:Suppl 36:295+, 1969  
ADULT/ AGED/ AORTA, ABDOMINAL, surgery/ \*AORTIC ANEURYSM, blood/ AORTIC ANEURYSM, surgery/ \*ARTHRITIS, blood/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, mortality/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENDARTERITIS, blood/ FEMALE/ HUMAN/ LEG, pathology/ MALE/ MESENTERIC ARTERIES, pathology/ PERIARTERITIS NODOSA, pathology/ PSEUDOMONAS AERUGINOSA, isolation & purification/ SKIN DISEASES, INFECTIOUS, microbiology/ STAPHYLOCOCCUS, isolation & purification/ STREPTOCOCCUS PYOGENES, isolation & purification/ THORACIC RADIOGRAPHY/ VITAMIN K, therapeutic use
3111. Kazmier FJ, Spittell JA Jr: Coumarin drug interactions. Mayo Clin Proc 45:249-55, Apr 70  
BINDING SITES/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ COUMARINS, metabolism/ \*COUMARINS, pharmacodynamics/ \*DRUG ANTAGONISM/ \*DRUG SYNERGISM/ ENZYME INDUCTION/ GENETICS, BIOCHEMICAL/ HUMAN/ PROTEIN BINDING/ PROTHROMBIN TIME/ VITAMIN K, pharmacodynamics/ VITAMIN K DEFICIENCY, chemically induced
3112. Kaznacheev VP, Dzizinski AA: O mekhanizme gemostaticheskogo deistviia epsllon-aminokapronovoi kisloty. Probl Gemat 13:36-9, Dec 68 (Rus)  
\*AMINOCAPROIC ACID, pharmacodynamics/ AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ \*CAPILLARY PERMEABILITY, drug effects/ \*CAPILLARY RESISTANCE, drug effects/ DOGS/ ENGLISH ABSTRACT/ HEMORRHAGE, drug therapy/ HEMOSTASIS/ HUMAN/ RABBITS
3113. Kaznacheev VP, Nikolaeva AA: Vlianie rtutnykh diuretikov na sodержanie geparina, fibrinoliz i aktivnost' fibrinostabiliziruiushchego faktora krovi u bol'nykh serdechno-sosudistymi zabolevaniami. Ter Arkh 42:83-6, Jan 70 (Rus)  
ADULT/ AGED/ \*CARDIOVASCULAR DISEASES/ \*DIURETICS, MERCURIAL, pharmacodynamics/ \*FACTOR XIII, analysis/ FEMALE/ \*FIBRINOLYSIS, drug effects/ \*HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE
3114. Kedra M, Korolko A: Rehabilitacja ambulatoryjna chorych po przebytym zawale serca. Pol Tyg Lek 24:1602-4, 20 Oct 69 (Pol)  
ADULT/ AGED/ \*AMBULATORY CARE/ ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL DEPRESSANTS, therapeutic use/ \*MYOCARDIAL INFARCT, rehabilitation/ PSYCHOTHERAPY/ REHABILITATION, VOCATIONAL/ RETROSPECTIVE STUDIES
3115. Keele CA: Chemical causes of pain and itch. Ann Rev Med 21:67-74, 1970 (56 ref.)  
ARTHRITIS, chemically induced/ DERMATITIS MEDICAMENTOSA, etiology/ HISTAMINE, adverse effects/ HISTAMINE LIBERATION/ HUMAN/ JAUNDICE, OBSTRUCTIVE, chemically induced/ MUSCULAR DISEASES, chemically induced/ \*PAIN, chemically induced/ PEPTIDE HYDROLASES, adverse effects/ PRURITUS, chemically induced/ \*PRURITUS, chemically induced/ REVIEW/ URTICARIA, chemically induced/ VENOMS, adverse effects
3116. Kefalides NA, Denduchis B: Structural components of epithelial and endothelial basement membranes. Biochemistry (Wash) 8:4613-21, Nov 69  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*BASEMENT MEMBRANE, analysis/ \*CAPILLARIES, analysis/ CAPILLARIES, cytology/ CARBOHYDRATES, analysis/ CHOROID PLEXUS, blood supply/ CHROMATOGRAPHY, PAPER/ COLLAGEN, analysis/ \*CORNEA, analysis/ CORNEA, cytology/ DESCMET'S MEMBRANE, analysis/ DOGS/ ELECTROPHORESIS, DISK/ \*EPITHELIUM, analysis/ HYDROGEN-ION CONCENTRATION/ \*KIDNEY GLOMERULUS, analysis/ KIDNEY GLOMERULUS, blood supply/ \*LENS, CRYSTALLINE, analysis/ LENS, CRYSTALLINE, cytology/ METHODS/ PEPSIN/ PEPTIDE HYDROLASES/ PULMONARY ALVEOLI, blood supply/ SHEEP/ SOLUBILITY/ ULTRACENTRIFUGATION/ VISCOSITY
3117. Kellin SL, Bizhal UI: Pokazateli geparinovogo profilla krovi materl i ploda pri fiziologicheskoi i perenoshennoi beremennosti. Vop Okhr Materin Dets 14:66-9, Nov 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/ FETUS/ \*HEPARIN, blood/ HEPARIN, diagnostic use/ HUMAN/ \*MATERNAL-FETAL EXCHANGE/ \*PREGNANCY/ \*PREGNANCY, PROLONGED/ UMBILICAL ARTERIES/ UMBILICAL VEINS
3118. Kelch RP, Janzen MK, Gall JC Jr: Multiple congenital anomalies in an infant with an elongated B-group chromosome. Amer J Ment Defic 74:436-40, Nov 69  
\*ABNORMALITIES, MULTIPLE/ \*CHROMOSOME ABERRATIONS/ \*CHROMOSOMES, HUMAN, 4-5/ FACIAL EXPRESSION/ \*FACIAL PARALYSIS, congenital/ FEMALE/ HEMANGIOMA, congenital/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ MICROCEPHALY, congenital/ NEOPLASMS, congenital/ SCALP
3119. Kelemen E: Thrombopoietin. Brit Med J 2:733-4, 20 Jun 70  
BLOOD PLATELET DISORDERS, blood/ \*BLOOD PLATELETS/ \*HEMATOPOIESIS/ HUMAN/ THROMBOPOIETIN, analysis
3120. Keler-Bačoka M: The specific property of paraprotein lipids in serum concerning the heparin clearing effect. Z Klin Chem 8:9-11, Jan 70  
\*BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN ELECTROPHORESIS/ DIETARY FATS/ \*HEPARIN, diagnostic use/ HUMAN/ \*LIPOPROTEIN LIPASE, blood/ \*LIPOPROTEINS, blood/ \*MACROGLOBULINEMIA, blood/ MACROGLOBULINEMIA, diagnosis/ \*PLASMACYTOMA, blood/ PLASMACYTOMA, diagnosis
3121. Keller R: Immune reactions to Nippostrongylus brasiliensis in the rat. I. Characteristics of primary and secondary immune response in vivo. Int Arch Allerg 37:197-215, 1970  
\*ANAPHYLAXIS, immunology/ ANIMAL EXPERIMENTS/ ANTIGENS/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, immunology/ COMPLEMENT, analysis/ COMPOUND 48-80, pharmacodynamics/ HOOKWORM INFECTION, immunology/ HOOKWORMS, immunology/ IMMUNE SERUMS/ IMMUNITY, ACTIVE/ IMMUNIZATION SCHEDULE/ INTESTINES, pathology/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ LEUKOCYTES, immunology/ LUNG, pathology/ METHOTREXATE, pharmacodynamics/ PASSIVE CUTANEOUS ANAPHYLAXIS/ RATS
3122. Kellermeyer RW, Warren KS: The role of chemical mediators in the inflammatory response induced by foreign bodies: comparison with the schistosoma egg granuloma. J Exp Med 131:21-39, 1 Jan 70  
ANIMAL EXPERIMENTS/ BENZOPYRANS, pharmacodynamics/ CAPILLARY PERMEABILITY/ FACTOR XII/ \*FOREIGN BODIES, immunology/ \*GRANULOMA,



## AUTHOR SECTION

- immunology/ HUMAN/ \*HYPERSENSITIVITY, DELAYED/ HYPERSENSITIVITY, DELAYED, blood/ INFLAMMATION/ INFLAMMATION, blood/ \*INFLAMMATION, immunology/ KININS/ LUNG DISEASES, immunology/ MICE/ PLASMA/ PLASTICS/ SCHISTOSOMA/ SCHISTOSOMIASIS, blood/ \*SCHISTOSOMIASIS, immunology/ SILICOSIS, immunology/ TIME FACTORS
3123. Kelly G, Pechet L, Eiseman B: Synthesis of antihemophilic globulin by the isolated perfused spleen. *Surg Gynec Obstet* 131:473-85, Sep 70  
ANIMAL EXPERIMENTS/ AZATHIOPRINE, pharmacodynamics/ FACTOR VIII, analysis/ \*FACTOR VIII, biosynthesis/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ PERFUSION/ PREDNISOLONE, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ SERUM GLOBULINS, analysis/ \*SERUM GLOBULINS, biosynthesis/ \*SPLEEN, metabolism/ SWINE/ TIME FACTORS
3124. Kelly GL, Pechet L, Eiseman B: Production of antihemophilic factor by the perfused spleen. *Surg Forum* 20:82-4, 1969  
ANIMAL EXPERIMENTS/ FACTOR VIII, analysis/ \*FACTOR VIII, biosynthesis/ HEMOPHILIA, surgery/ PERFUSION/ PUROMYCIN, pharmacodynamics/ SPLEEN, drug effects/ \*SPLEEN, metabolism/ SPLEEN, transplantation/ SWINE/ THROMBOPLASTIN, analysis
3125. Kelly JW, Chang L, Rothstein F: Thermal analysis of polyanion metachromasy: effect of temperature on metachromatic solutions of nucleic acids and acid mucopolysaccharides.  
*J Histochem Cytochem* 17:651-7, Oct 69  
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHONDROITIN/ DNA, analysis/ DYES/ HEPARIN/ \*HISTOCYTOCHEMISTRY/ HYALURONIC ACID/ MATHEMATICS/ \*MUCOPOLYSACCHARIDES, analysis/ \*NUCLEIC ACIDS, analysis/ RNA, analysis/ SPECTROPHOTOMETRY/ STAINS AND STAINING/ \*TEMPERATURE/ THERMODYNAMICS
3126. Kelly JW, Chang L: Thermal analysis of polyanion metachromasy: temperature effects on stained cells, tissues and models.  
*J Histochem Cytochem* 17:658-67, Oct 69  
ANIMAL EXPERIMENTS/ CARTILAGE, analysis/ CHONDROITIN, analysis/ DNA, analysis/ DYES/ HEPARIN/ \*HISTOCYTOCHEMISTRY/ HUMAN/ MODELS, BIOLOGIC/ MUCOPOLYSACCHARIDES, analysis/ NUCLEIC ACIDS, analysis/ RNA, analysis/ SOLVENTS/ SPECTROPHOTOMETRY/ \*STAINS AND STAINING/ \*TEMPERATURE/ UMBILICAL CORD, analysis/ WATER
3127. Kelman CD: Intracapsular lens extraction through a small incision. *Amer J Ophthalmol* 69:277-83, Feb 70  
\*CATARACT EXTRACTION/ CATARACT EXTRACTION, instrumentation/ CHYMOTRYPSIN/ COLOR/ CRYOGENIC SURGERY/ HUMAN/ METHODS/ MICROSCOPY/ PHOTOGRAPHY
3128. Kelstrup J, Gibbons RJ: Inactivation of bacteriocins in the intestinal canal and oral cavity.  
*J Bact* 99:888-90, Sep 69  
ANIMAL EXPERIMENTS/ \*BACTERIOCINS, antagonists & inhibitors/ COLICINS, antagonists & inhibitors/ DENTAL PLAQUE, microbiology/ ESCHERICHIA COLI/ FECES, analysis/ GERM-FREE LIFE/ INTESTINES, microbiology/ MICE/ MOUTH, microbiology/ \*PEPTIDE HYDROLASES, pharmacodynamics/ STREPTOCOCCUS
3129. Kemp A Jr: Rate of uncoupler-induced hydrolysis of adenosine triphosphate in mitochondria.  
*Biochem J* 116:10P, Feb 70  
ADENOSINE TRIPHOSPHATASE, metabolism/ \*ADENOSINE TRIPHOSPHATE, metabolism/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BISHYDROXYCOUMARIN, pharmacodynamics/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ ENZYME INDUCTION/ HYDRAZINES, pharmacodynamics/ \*MITOCHONDRIA, LIVER, metabolism/ \*OXIDATIVE PHOSPHORYLATION, drug effects/ PHENYLHYDRAZINE, pharmacodynamics/ RATS/ SALICYLATES, pharmacodynamics/ UNCOUPLING AGENTS, pharmacodynamics
3130. Kendal AP, Apostolov K, Belyavin G: The effect of protease treatment on the morphology of influenza A, B and C viruses. *J Gen Virol* 5:141-3, Jul 69  
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ \*INFLUENZA VIRUSES, drug effects/ INFLUENZA VIRUSES, isolation & purification/ MICROSCOPY, ELECTRON/ \*PEPTIDE HYDROLASES, pharmacodynamics
3131. Kenéz J: Egy vitamin születéséről. C. P. H. Dam 75 éves. *Orv Hetil* 111:1291-4, 31 May 70 (Hung)  
CANADA/ CURRENT BIOG-OBIT/ DENMARK/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ UNITED STATES/ VITAMIN K, history/ VITAMIN K DEFICIENCY
3132. Kenis Y, Michel J, Tagnon HJ: Thrombocytosis, methotrexate, and citrovorum factor.  
*Lancet* 1:621, 21 Mar 70  
BLOOD CELL COUNT/ BLOOD PLATELETS/ \*CITROVORUM FACTOR, adverse effects/ HUMAN/ \*METHOTREXATE, adverse effects/ \*THROMBOCYTOSIS, chemically induced
3133. Kennedy BJ: Cyclic leukocyte oscillations in chronic myelogenous leukemia during hydroxyurea therapy.  
*Blood* 35:751-60, Jun 70  
ADULT/ BIOLOGICAL CLOCKS/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ \*HYDROXYUREA, therapeutic use/ \*LEUKEMIA, MYELOCYTIC, blood/ \*LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKOCYTE COUNT/ \*LEUKOCYTES, drug effects/ MALE/ MIDDLE AGE/ RETICULOCYTES
3134. Kenny AJ, George SG, Aparicio SG: The localization of peptidases in microvilli from the brush border of the proximal renal tubule of the rabbit.  
*Biochem J* 115:18P, Nov 69  
ALKALINE PHOSPHATASE, analysis/ AMIDOHYDROLASES, analysis/ ANIMAL EXPERIMENTS/ \*KIDNEY TUBULES, enzymology/ MICROSCOPY, ELECTRON/ \*PEPTIDE HYDROLASES, analysis/ RABBITS/ ULTRACENTRIFUGATION
3135. Kent PW: Structure and function of glycoproteins. *Essays Biochem* 3:105-51, 1967 (162 ref.)  
ANIMAL EXPERIMENTS/ BLOOD GROUPS/ BONE AND BONES/ CATS/ CATTLE/ CHEMISTRY/ CHIROPTERA/ CONNECTIVE TISSUE/ DOGS/ FIBRINOGEN/ GAMMA GLOBULIN/ \*GLYCOPROTEINS/ GLYCOPROTEINS, blood/ \*GLYCOPROTEINS, metabolism/ GLYCOPROTEINS, urine/ HUMAN/ INTESTINES/ NEURAMINIC ACIDS/ RABBITS/ REVIEW/ SHEEP/ SUBMANDIBULAR GLAND, metabolism
3136. Kerby GP, Taylor SM: Effect of carnitine and ergothioneine on human platelet metabolism.  
*Proc Soc Exp Biol Med* 132:435-9, Nov 69  
\*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ \*CARNITINE, pharmacodynamics/ \*ERGOTHIONEINE, pharmacodynamics/ FLUOROACETATES, pharmacodynamics/ GLUCONEOGENESIS/ HUMAN/ KREBS CYCLE/ LACTATES, biosynthesis/ METHODS/ OXYGEN CONSUMPTION/ PYRUVATES, metabolism
3137. Kerekes M, Kovács A, Becuş T: Studiul activitatii proteinazice acide din lichidul cefalorahidian uman



# AUTHOR SECTION

- Stud Cercet Neurol 15:77-83, 1970 (Rum)  
BRAIN DISEASES, enzymology/ BRAIN  
NEOPLASMS, enzymology/ \*CATHEPSIN,  
analysis/ \*CEREBROSPINAL FLUID,  
enzymology/ ENGLISH ABSTRACT/  
EPILEPSY, enzymology/ HUMAN/ MENTAL  
DISORDERS, enzymology/ MENTAL  
RETARDATION, enzymology/ PEPTIDE  
HYDROLASES, cerebrospinal fluid
3138. Kerr RH: The nutrient requirements of broilers.  
Vet Rec 85:344-8, 27 Sep 69  
AMINO ACIDS/ \*ANIMAL FEED/  
ANTIBIOTICS, administration & dosage/  
ANTIOXIDANTS/ ARSENICALS, administration  
& dosage/ AVITAMINOSIS, prevention &  
control/ \*CHICKENS/ DIETARY PROTEINS/  
GROWTH SUBSTANCES/ NUTRITIONAL  
REQUIREMENTS/ VITAMIN D/ VITAMIN E/  
VITAMIN K
3139. Kerr SJ: Natural inhibitors of the transfer ribonucleic  
acid methylases.  
Biochemistry (Wash) 9:690-5, 3 Feb 70  
AGE FACTORS/ AMMONIUM COMPOUNDS/  
ANIMAL EXPERIMENTS/ ANIMALS,  
NEWBORN/ \*BRAIN/ BRAIN, embryology/  
BRAIN, enzymology/ CARBON ISOTOPES/  
DIALYSIS/ DRUG STABILITY/ ESCHERICHIA  
COLI/ FEMALE/ HEAT/ \*HEPATOMA/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ \*LIVER/ LIVER, embryology/  
LIVER, enzymology/ \*LIVER NEOPLASMS/  
METHIONINE/ METHYLATION/ NEOPLASMS,  
EXPERIMENTAL/ OMENTUM/  
PRECIPITATION/ PREGNANCY/ RABBITS/  
RATS/ RNA, BACTERIAL/ RNA, SOLUBLE/  
\*TRANSFERASES, antagonists & inhibitors/  
TRYPSIN/ ULTRACENTRIFUGATION
140. Kesava Rao KV, Nanda Kumar NV, Swami KS: Effects  
of histamine and pheniramine maleate on protease  
activity in sheep liver homogenates.  
Enzymologia 39:145-50, 30 Sep 70  
ANIMAL EXPERIMENTS/ DEPRESSION,  
CHEMICAL/ \*HISTAMINE, pharmacodynamics/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ LIVER, drug effects/ LIVER,  
enzymology/ MALEATES, pharmacodynamics/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ \*PEPTIDE HYDROLASES,  
metabolism/ \*PHENIRAMINE,  
pharmacodynamics/ STIMULATION,  
CHEMICAL/ SUCROSE
141. Keshishian SG: Klinicheskaya tsennost' nekotorykh  
pokazatelei svertyvalushchei protivosvertyvalushchei  
sistemy krovi ostrol bakterial'noi dizenterii.  
Zh Eksp Klin Med 9:67-70, 1969 (Rus)  
ADOLESCENCE/ ADULT/ ANTICOAGULANTS,  
diagnostic use/ \*BLOOD COAGULATION  
TESTS/ \*DYSENTERY, BACILLARY, blood/  
DYSENTERY, BACILLARY, diagnosis/  
FEMALE/ FIBRINOLYSIS/ HEPARIN, blood/  
HUMAN/ MALE/ MIDDLE AGE/  
PROTHROMBIN TIME
142. Kessinger A, Rigby PG: Hemorrhage and heat stroke.  
Geriatrics 25:115-8, Jul 70 (18 ref.)  
AFIBRINOGENEMIA, etiology/ \*HEAT  
EXHAUSTION, complications/ \*HEMORRHAGIC  
DIATHESIS, etiology/ HUMAN/  
HYPOPROTHROMBINEMIAS, etiology/  
REVIEW/ THROMBOPENIA, etiology
143. Kessler I, Nissim F: Primary repair without  
immobilization of flexor tendon division within the  
digital sheath. An experimental and clinical study.  
Acta Orthop Scand 40:587-601, 1969  
ADHESIONS, prevention & control/  
ADOLESCENCE/ ADULT/ ANIMAL  
EXPERIMENTS/ CHICKENS/ EXERCISE  
THERAPY/ FEMALE/ \*FINGER INJURIES,  
surgery/ HUMAN/ IMMOBILIZATION/ MALE/  
METHODS/ \*MOVEMENT/ POSTOPERATIVE  
CARE/ SUTURE TECHNIQS/ \*TENDON  
INJURY, surgery
144. Kesterson JW, Carlton WW: Multiple malignant  
neoplasms in a golden hamster. A case report and  
literature survey.  
Lab Anim Care 20:220-5, Apr 70 (21 ref.)  
ADRENAL GLAND NEOPLASMS, pathology/  
ADRENAL GLAND NEOPLASMS, veterinary/  
\*HAMSTERS/ HEART NEOPLASMS, pathology/  
HEART NEOPLASMS, veterinary/  
HEMANGIOENDOTHELIOMA, pathology/  
\*HEMANGIOENDOTHELIOMA, veterinary/  
KIDNEY NEOPLASMS, pathology/ KIDNEY  
NEOPLASMS, veterinary/ LIVER NEOPLASMS,  
pathology/ LIVER NEOPLASMS, veterinary/  
LUNG NEOPLASMS, pathology/ LUNG  
NEOPLASMS, veterinary/ MALE/ NEOPLASM  
METASTASIS, veterinary/ \*NEOPLASMS,  
MULTIPLE PRIMARY, veterinary/  
PHEOCHROMOCYTOMA, pathology/  
\*PHEOCHROMOCYTOMA, veterinary/  
REVIEW/ \*RODENT DISEASES/ SPLENIC  
NEOPLASMS, pathology/ SPLENIC  
NEOPLASMS, veterinary
3145. Keutmann HT, Parsons JA, Potts JT Jr, et al: Isolation  
and chemical properties of two calcitonins from  
salmon ultimobranchial glands.  
J Biol Chem 245:1491-6, 25 Mar 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL ASSAY/  
CALCIUM, blood/ CATTLE/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, THIN LAYER/  
DEPRESSION, CHEMICAL/  
ELECTROPHORESIS, DISK/ ENDOCRINE  
GLANDS/ FEMALE/ GEL FILTRATION/  
HUMAN/ METHODS/ MICE/ RATS/  
\*SALMONIDAE/ SHEEP/ SPECIES  
SPECIFICITY/ SWINE/ \*THYROCALCITONIN/  
THYROCALCITONIN, analysis/  
THYROCALCITONIN, isolation & purification/  
THYROCALCITONIN, pharmacodynamics/  
TRYPSIN/ ULTRAVIOLET RAYS
3146. Kew M, Bersohn I, Seftel H, et al: Liver damage in  
heatstroke. Amer J Med 49:192-202, Aug 70  
ACCLIMATIZATION/ ADULT/ ANOXIA,  
pathology/ BILIRUBIN, blood/ BILIRUBIN,  
urine/ BIOPSY/ BLOOD PRESSURE/ BODY  
TEMPERATURE/ BRAIN DISEASES, etiology/  
CHOLESTEROL, blood/ CHOLINESTERASE,  
blood/ \*HEAT EXHAUSTION, complications/  
HEAT EXHAUSTION, enzymology/ HEAT  
EXHAUSTION, pathology/ HEPATIC VEINS,  
pathology/ HUMAN/ HUMIDITY/ JAUNDICE,  
OBSTRUCTIVE, etiology/ LIVER, enzymology/  
LIVER, pathology/ \*LIVER DISEASES,  
etiology/ LIVER DISEASES, pathology/ MALE/  
MIDDLE AGE/ \*MINING/ NECROSIS,  
pathology/ NEGROID RACE/ PROTHROMBIN  
TIME/ SERUM ALBUMIN, analysis/ SERUM  
GLOBULINS, analysis/ SOUTH AFRICA/  
UROBILIN, analysis
3147. Keyser JW, Cawson M: A serum reference standard for  
automated total protein and albumin procedures.  
Clin Chem 16:147, Feb 70  
ACRYLATES/ AUTOANALYSIS/ BLOOD  
CHEMICAL ANALYSIS, standards/ BLOOD  
PRESERVATION/ \*BLOOD PROTEINS,  
analysis/ GELS/ HUMAN/ METHODS/  
\*SERUM ALBUMIN, analysis
3148. Khachumov GL: Uluchshenie kachestva miasa  
proteoliticheskimi fermentami.  
Veterinariia 46:99-100, Jan 69 (Rus)  
ANIMAL EXPERIMENTS/ CATTLE/ \*MEAT,  
analysis/ \*MEAT-PACKING INDUSTRY/  
PANCREATIC JUICE/ \*PEPTIDE  
HYDROLASES
3149. Khaikulina SK: Sostolanie svertyvalushchei i  
antisvertyvalushchei sistemy krovi pri  
prezhdevremennykh rodakh.  
Akush Ginek (Moskva) 45:65-8, Jun 69 (Rus)  
ADULT/ \*BLOOD COAGULATION  
DISORDERS/ ENGLISH ABSTRACT/ FEMALE/  
GENITALIA, FEMALE, abnormalities/  
HUMAN/ KIDNEY DISEASES, complications/  
\*LABOR, PREMATURE, blood/ LABOR,  
PREMATURE, etiology/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS/  
PREGNANCY COMPLICATIONS,



# AUTHOR SECTION

- CARDIOVASCULAR/ PUERPERIUM/ TIME FACTORS
3150. Kharif MD: K voprosu o zagotovke krovi v prisposablivaemykh pomescheniyakh. Probl Gemat 13:56, May 68 (Rus)  
\*BLOOD DONORS/ \*BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ HUMAN/  
\*TECHNOLOGY, MEDICAL, instrumentation
3151. Kharif MD: Opyt organizatsii zagotovki krovi neposredstvenno v lechebnykh uchrezhdeniyakh. Probl Gemat 14:59-61, Aug 69 (Rus)  
BLOOD DONORS/ \*BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ HOSPITAL ADMINISTRATION/ HUMAN
3152. el-Khawas F, Daabis N: The solubility of menadione (vitamin K3) in systems containing non-ionic surface-active agents. Pharmazie 24:684-6, Nov 69  
COLLOIDS/ ETHYLENE OXIDE/ GLYCOLS, pharmacodynamics/ POLYETHYLENES, pharmacodynamics/ \*SOLUBILITY/ SPECTRUM ANALYSIS/ SURFACE-ACTIVE AGENTS, administration & dosage/ \*SURFACE-ACTIVE AGENTS, pharmacodynamics/ \*VITAMIN K/ WATER
3153. Khayat MH, Christophe J: In vitro inactivation of pancreatic enzymes in washings of the rat small intestine. Amer J Physiol 217:923-9, Oct 69  
\*AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ \*CARBOXYPEPTIDASES, metabolism/ CHEMISTRY/ \*CHYMOTRYPSIN, metabolism/ DIALYSIS/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ \*INTESTINE, SMALL, metabolism/ KINETICS/ \*LIPASE, metabolism/ MALE/ PANCREAS, enzymology/ PENICILLIN, pharmacodynamics/ RATS/ STREPTOMYCIN, pharmacodynamics/ TETRACYCLINE, pharmacodynamics/ TIME FACTORS/ \*TRYPSIN, metabolism
3154. Kheinonen IM, Makeeva GK, Kholodilina IM: Analiz effektivnosti antikoagulyantnoi i fibrinoliticheskoi terapii pri infarktakh miokarda. Klin Med (Moskva) 47:41-8, Jul 69 (Rus)  
ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy
3155. Khil'ko VA, Shkharova ED: Metod iskusstvennogo trombirovaniia arterial'nykh anevrizm s pomoshch'iu epsilon-aminokapronovoi kisloty i drugikh koagulyantov na fone regional'nogo zamedleniia krovotoka (predvaritel'noe soobshchenie) Vop Neirokhir 33:6-11, Jul-Aug 69 (Rus)  
ADULT/ \*AMINOCAPROIC ACID, therapeutic use/ \*ARTERIOVENOUS FISTULA, therapy/ CALCIUM CHLORIDE, therapeutic use/ \*CAROTID ARTERY DISEASES, therapy/ CAROTID ARTERY THROMBOSIS, chemically induced/ \*CAVERNOUS SINUS/ CEREBRAL ANEURYSM, radiography/ \*CEREBRAL ANEURYSM, therapy/ CEREBRAL ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ VITAMIN K, therapeutic use
3156. Khodakov IG, Penenzhik MA, Virnik AD: Primenenie gemostaticheskoi marli na osnove modifitsirovannoi tsellulozy pri otorinolaringologicheskikh operatsiyakh. Vestn Otorinolaring 31:74-6, Jan-Feb 69 (Rus)  
BLOOD COAGULATION TESTS/ CALCIUM/ \*CELLULOSE/ ENGLISH ABSTRACT/ \*HEMOSTATICS/ HUMAN/ IN VITRO/ \*OTORHINOLARYNGOLOGIC DISEASES, surgery/ TIME FACTORS
3157. Khook KA, Krasnov NI, Talykov BA: Zagotovka i pereivanie krovi u usloviakh zharkogo klimata. Voenomed Zh 12:69-70, Dec 69 (Rus)  
\*BLOOD BANKS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ MILITARY MEDICINE/ \*TROPICAL CLIMATE/ USSR
3158. Khrushcheva EA, Kolesnikova RS, Titova MI: Izmenenie svertyvalushchei i antisvertyvalushchei sistemy krovi u bol'nykh s varikoznym rasshireniem ven nizhnikh konechnostei do i posle operatsii. Eksp Khir Anest 14:68-70, Nov-Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION DISORDERS, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ VARICOSE VEINS, blood/ \*VARICOSE VEINS, surgery
3159. Khrushcheva EA, Titova MI, Savchenko TV: Izmeneniia svertyvalushchei sistemy krovi u bol'nykh pri slonovosti konechnostei. Lab Delo 8:458-61, 1969 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/ HUMAN/ \*LYMPHEDEMA, blood/ MIDDLE AGE
3160. Khrushcheva EA, Tutova MI, Grigorian RM: Sostolanie svertyvalushchei sistemy krovi pri sosudistyykh zabolevaniyakh konechnostei. Sovet Med 32:93-5, 1969 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENDARTERITIS, blood/ ENGLISH ABSTRACT/ EXTREMITIES/ HUMAN/ MIDDLE AGE/ THROMBOPHLEBITIS, blood/ VARICOSE VEINS, blood/ \*VASCULAR DISEASES, blood
3161. Khundadze SSh, Smirnova LI, Guseinov ChS, et al: Izucheniye svertyvalushchei sistemy krovi u bol'nykh renovaskularnoi gipertoniei. Sovet Med 32:129-32, Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ CHILD/ FEMALE/ HUMAN/ \*HYPERTENSION, RENAL, blood/ MALE/ MIDDLE AGE
3162. Kiehn ED, Holland JJ: Synthesis and cleavage of enterovirus polypeptides in mammalian cells. J Virol 5:358-67, Mar 70  
CARBON ISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ COXSACKIE VIRUSES, enzymology/ \*COXSACKIE VIRUSES, metabolism/ ELECTROPHORESIS/ ENCEPHALOMYOCARDITIS VIRUSES, enzymology/ \*ENCEPHALOMYOCARDITIS VIRUSES, metabolism/ HELA CELLS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ \*PEPTIDES, biosynthesis/ PHENYLALANINE/ POLIOVIRUS, enzymology/ \*POLIOVIRUS, metabolism/ \*PROTEINS, biosynthesis/ \*TISSUE CULTURE/ TRITIUM/ TYROSINE/ VALINE/ \*VIRAL PROTEINS, biosynthesis
3163. Klely JM, Perry HO: Sturge-Weber syndrome associated with multiple myeloma. Arch Derm (Chicago) 100:63-5, Jul 69  
\*ANGIOMATOSIS, complications/ BLOOD PROTEIN ELECTROPHORESIS/ HUMAN/ MALE/ MELPHALAN, therapeutic use/ MIDDLE AGE/ \*MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, radiography/ SPINE, radiography/ TRIGEMINAL NERVE
3164. Klierszenbaum F, Budzko DB, Parodi AS: Alterations in the enzymatic activity of plasma of guinea pigs infected with Junin virus. Arch Ges Virusforsch 30:217-23, 1970  
\*ACID PHOSPHATASE, blood/ \*ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ \*ARBOVIRUS/ ARBOVIRUS, pathogenicity/ BODY TEMPERATURE/ DISEASE MODELS, ANIMAL/ EPIDEMIC HEMORRHAGIC FEVER, blood/ \*EPIDEMIC HEMORRHAGIC FEVER, enzymology/ FEMALE/ GUINEA PIGS/ LEUKOCYTE COUNT/ MALE/ \*PEPTIDE HYDROLASES, blood
3165. Kiessling H, Svensson R: Influence of an enzyme from aspergillus oryzae, protease I, on some components of the fibrinolytic system. Acta Chem Scand 24:569-79, 1970



## AUTHOR SECTION

- ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ DOGS/ FIBRINOLYSIS, metabolism/ FIBRINOLYTIC AGENTS, pharmacodynamics/ GEL FILTRATION/ HUMAN/ IN VITRO/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ \*PEPTIDE HYDROLASES, pharmacodynamics/ \*PLASMINOGEN, metabolism
3166. Kikuchi A: [Symposium on the introduction of rheology into internal medicine. Rheology of thrombus formation]  
J Jap Soc Intern Med 58:1351-5, 10 Dec 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ RABBITS/ REGIONAL BLOOD FLOW/ \*RHEOLOGY/ THROMBOSIS, physiopathology
3167. Kikuchi T, Kako KJ: Metabolic effects of ethanol on the rabbit heart. Circ Res 26:625-34, May 70  
\*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ CYTOPLASM, enzymology/ ESTERS, metabolism/ \*FATTY ACIDS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ \*GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ \*HEART, drug effects/ \*LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MITOCHONDRIA, enzymology/ MYOCARDIUM, enzymology/ \*MYOCARDIUM, metabolism/ OXIDOREDUCTASES, metabolism/ PALMITIC ACID, metabolism/ PHOSPHOLIPIDS, metabolism/ RABBITS/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism
3168. Killen DA, Gower RE, Grogan EL 2d, et al: Course of plasma ionized calcium following rapid infusion of acid citrate dextrose solution.  
Surg Forum 20:95-6, 1969  
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ \*CALCIUM, blood/ \*CITRATES, adverse effects/ DOGS/ \*GLUCOSE, adverse effects/ HYPOCALCEMIA, chemically induced/ HYPOCALCEMIA, mortality/ INFUSIONS, PARENTERAL/ IONS
3169. Kimenis AA, Atare ZA: Villanie C-terminal'nogo tetrapeptida gastrina i ego analogov na funktsiu zheludka u koshek and sobak.  
Farmakol Toksik 33:333-6, May-Jun 70 (Rus)  
AMINES/ ANIMAL EXPERIMENTS/ CATS/ CHEMISTRY, ANALYTICAL/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ GASTRIC ACIDITY DETERMINATION/ GASTRIC FISTULA, enzymology/ GASTRIC FISTULA, metabolism/ \*GASTRIC JUICE, drug effects/ \*GASTRIC JUICE, enzymology/ \*GASTRIN, pharmacodynamics/ \*GASTROINTESTINAL MOTILITY, drug effects/ \*HISTAMINE, pharmacodynamics/ INDOLES/ \*PEPTIDE HYDROLASES, analysis/ \*PEPTIDES, pharmacodynamics/ STIMULATION, CHEMICAL/ STOMACH, secretion
3170. Kimura E: [Phylogenetic studies on blood platelets-comparative physiology of spindle cells]  
Acta Haemat Jap 32:1-6, Feb 69 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, physiology/ CHICKENS/ CLOT RETRACTION/ ENGLISH ABSTRACT/ FISHES/ FROGS/ PLATELET ADHESIVENESS/ SEROTONIN, analysis/ SPECTRUM ANALYSIS/ THROMBIN
3171. Kimura I, Moritani Y, Yamana M, et al: [Multiple drug therapy of malignant tumor using fibroblast-suppressive agents as the basis]  
Jap J Clin Med 28:2318-21, Sep 70 (Jap)  
AGED/ \*ANTINEOPLASTIC AGENTS, administration & dosage/ CHLOROQUINE, administration & dosage/ DRUG SYNERGISM/ FEMALE/ \*FIBROBLASTS, drug effects/ HUMAN/ MALE/ \*NEOPLASMS, drug therapy/ PHYTONADIONE, administration & dosage/ PREDNISOLONE, administration & dosage
3172. Kimura M, Kakuta H, Tanabe Y: [Malignant hemangiopericytoma of the stomach]  
Jap J Cancer Clin 15:1067-70, Dec 69 (Jap)  
ADULT/ GASTRECTOMY/ \*HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ \*STOMACH NEOPLASMS, pathology/ STOMACH NEOPLASMS, surgery
3173. Kimura T, Tokuriki S: [Clinical use of oxycell in otorhinolaryngological fields]  
Otolaryngology (Tokyo) 42:477-80, Jun 70 (Jap)  
ADENOIDECTOMY/ ADOLESCENCE/ ADULT/ CELLULOSE, therapeutic use/ CHILD/ \*EPISTAXIS, drug therapy/ FEMALE/ \*HEMORRHAGE, drug therapy/ \*HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PARANASAL SINUSES, surgery/ TONSILLECTOMY
3174. Kimura Y: [Kinin derivatives and allergy]  
J Jap Med Ass 63:941-6, 1 Apr 70 (Jap)  
ANAPHYLAXIS, physiopathology/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ BRADYKININ, pharmacodynamics/ DOGS/ FIBRINOLYSIS, blood/ GUINEA PIGS/ HUMAN/ HYPERSENSITIVITY, drug therapy/ \*HYPERSENSITIVITY, metabolism/ KALLIKREIN, blood/ KININS, antagonists & inhibitors/ \*KININS, metabolism
3175. Kimura Y, Tsukahara H, Miyanaga Y: [Relation between kinin formation and plasmin]  
Jap J Allerg 18:543-4, Jun 69 (Jap)  
ENGLISH ABSTRACT/ ENZYME ACTIVATION/ \*FIBRINOLYSIS/ \*KININS, biosynthesis
3176. Kincaid-Smith P: Modification of the vascular lesions of rejection in cadaveric renal allografts by dipyridamole and anticoagulants.  
Lancet 2:920-2, 1 Nov 69  
ANTICOAGULANTS, pharmacodynamics/ \*ANTICOAGULANTS, therapeutic use/ CADAVER/ DIPYRIDAMOLE, pharmacodynamics/ \*DIPYRIDAMOLE, therapeutic use/ \*GRAFT VS HOST REACTION, drug effects/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ \*KIDNEY, blood supply/ \*KIDNEY, transplantation/ KIDNEY GLOMERULUS, blood supply/ PHENINDIONE, pharmacodynamics/ PHENINDIONE, therapeutic use/ RENAL ARTERY OBSTRUCTION, etiology/ RENAL ARTERY OBSTRUCTION, prevention & control/ THROMBOSIS, etiology/ THROMBOSIS, prevention & control/ TRANSPLANTATION, HOMOLOGOUS
3177. Kincaid-Smith P, Laver MC, Fairley KF: Dipyridamole and anticoagulants in renal disease due to glomerular and vascular lesions. A new approach to therapy.  
Med J Aust 1:145-51, 24 Jan 70  
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ COLLAGEN DISEASES, drug therapy/ COUMARINS, therapeutic use/ \*DIPYRIDAMOLE, therapeutic use/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, MALIGNANT, drug therapy/ KIDNEY, transplantation/ \*KIDNEY DISEASES, drug therapy/ KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, CHRONIC, drug therapy/ MALE/ MIDDLE AGE/ PREGNANCY/ PREGNANCY TOXEMIAS, drug therapy/ THROMBOSIS, prevention & control/ TRANSPLANTATION, HOMOLOGOUS
3178. King RA: Acquired inhibitors to factor IX.  
New Eng J Med 283:543, 3 Sep 70  
\*ANTIBODIES/ BLOOD TRANSFUSION, adverse effects/ CHRISTMAS DISEASE, immunology/ CROSS REACTIONS/ \*FACTOR IX/ FACTOR IX, analysis/ HUMAN
3179. Kingdon HS, Baron JM, Byrne GE Jr, et al: Malignant histiocytosis. Results of combination vincristine-prednisone therapy.



# AUTHOR SECTION

- Ann Intern Med 72:705-9, May 70  
ADOLESCENCE/ AGED/ BONE MARROW  
EXAMINATION/ BONE NEOPLASMS, drug  
therapy/ CASE REPORT/  
CYCLOPHOSPHAMIDE, therapeutic use/  
FEMALE/ HEMORRHAGE,  
GASTROINTESTINAL, mortality/  
HISTIOCYTES/ HUMAN/ \*LEUKEMIA,  
MONOCYTIC, drug therapy/ LEUKEMIA,  
MONOCYTIC, pathology/ LIVER, enzymology/  
LIVER NEOPLASMS, drug therapy/ LYMPH  
NODES, pathology/ LYMPHATIC  
METASTASIS, pathology/ MALE/  
\*PREDNISONE, therapeutic use/  
PROTHROMBIN TIME/ SPLENIC  
NEOPLASMS, drug therapy/ \*VINCRIStINE,  
therapeutic use
3180. Kingma MJ: Treatment of contractures in haemophilia.  
Bibl Haemat 34:162-3, 1970  
ADOLESCENCE/ ADULT/ BANDAGES/  
CASTS, SURGICAL/ \*CONTRACTURE,  
therapy/ \*HEMOPHILIA, complications/  
HEMOPHILIA, therapy/ HUMAN/ MALE/  
TRACTION
3181. Kinlough-Rathbone RL, Packham MA, Mustard JF: The  
effect of glucose on adenosine diphosphate-induced  
platelet aggregation. J Lab Clin Med 75:780-7, May 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTIMYCIN A,  
pharmacodynamics/ \*BLOOD PLATELETS,  
drug effects/ CULTURE MEDIA/  
DINITROPHENOLS, pharmacodynamics/  
\*GLUCOSE, pharmacodynamics/ IN VITRO/  
OLIGOMYCIN, pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/ RABBITS/  
STIMULATION, CHEMICAL/ SUSPENSIONS
3182. Kinoshita S: [Cell division, relaxing factor and heparin]  
J Jap Biochem Soc 42:277-85, Jun 70 (32 ref.) (Jap)  
\*CELL DIVISION/ CHROMATOGRAPHY, THIN  
LAYER/ \*CYTOPLASM/ ECHINODERMATA,  
cytology/ HEPARIN, analysis/ \*HEPARIN,  
metabolism/ \*MUSCLE RELAXING FACTOR,  
physiology/ OVUM, physiology/ REVIEW
3183. Kinzel V, Voim M, Süß R: Vereinfachte Methode zur  
Erfassung toxischer Effekte bei hämorrhagischen  
Zellsuspensionen. Blut 20:377-82, 1970 (Ger)  
\*ASCITIC FLUID, metabolism/ \*BONE  
MARROW CELLS, metabolism/ ENGLISH  
ABSTRACT/ ERYTHROCYTES, metabolism/  
HAMSTERS/ HEPARIN/ HUMAN/ LEUCINE,  
metabolism/ PLASMACYTOMA, metabolism/  
RATS/ SARCOMA, YOSHIDA, metabolism/  
SUSPENSIONS/ THYMIDINE, metabolism/  
TISSUE CULTURE/ TRITIUM/ URIDINE,  
metabolism
3184. Kipfer RK, Olson RE: Reversal by vitamin K of  
cycloheximide inhibited biosynthesis of prothrombin  
in the isolated perfused rat liver.  
Biochem Biophys Res Commun 38:1041-8, 27 Mar 70  
ANIMAL EXPERIMENTS/ BLOOD PROTEINS,  
biosynthesis/ CARBON ISOTOPES/  
CYCLOHEXIMIDE, administration & dosage/  
CYCLOHEXIMIDE, antagonists & inhibitors/  
\*CYCLOHEXIMIDE, pharmacodynamics/  
DEPRESSION, CHEMICAL/ IN VITRO/  
KINETICS/ LEUCINE, metabolism/ LIVER,  
drug effects/ \*LIVER, metabolism/  
METABOLISM, drug effects/ PERFUSION/  
PHYTONADIONE, administration & dosage/  
\*PHYTONADIONE, pharmacodynamics/  
PROTEINS, biosynthesis/ \*PROTHROMBIN,  
biosynthesis/ PUROMYCIN, pharmacodynamics/  
RATS/ RIBOSOMES, metabolism/  
STIMULATION, CHEMICAL/ VITAMIN K  
DEFICIENCY, metabolism
3185. Kirchmayer S, Stalowa I, Biernacka B, et al:  
Measurement of proteolytic activity of leukoblasts--a  
new diagnostic method.  
Pol Arch Med Wewn 4:365-8, Apr-May 70  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
DIAGNOSIS, DIFFERENTIAL/ ENZYME  
TESTS/ \*LEUKEMIA, diagnosis/ LEUKEMIA,  
LYMPHOCYTIC, diagnosis/ LEUKOCYTES,  
analysis/ \*LEUKOCYTES, enzymology/  
LYMPHOCYTES, analysis/ MIDDLE AGE/  
\*PEPTIDE HYDROLASES, blood
3186. Kireeva RIA: Nekotorye pokazateli svertyvalushchei i  
fibrinoliticheskoj aktivnosti krovi u bol'nykh rozhei.  
Klin Med (Moskva) 48:107-11, Mar 70 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION/ ENGLISH ABSTRACT/  
\*ERYSIPELAS, blood/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE  
AGE
3187. Kireeva RIA, Koval'skii GS, Taran VI: O villanii  
kortikosteroidnoi terapii na svertyvalushchulu  
sistemu i fibrinoliticheskuyu aktivnost' krovi pri  
gemorragicheskoi likhoradke s pochechnym  
sindromom. Klin Med (Moskva) 47:69-74, Nov 69 (Rus)  
ADOLESCENCE/ \*ADRENAL CORTEX  
HORMONES, therapeutic use/ ADULT/ AGED/  
\*BLOOD COAGULATION, drug effects/  
ENGLISH ABSTRACT/ \*EPIDEMIC  
HEMORRHAGIC FEVER, drug therapy/  
FEMALE/ \*FIBRINOLYSIS, drug effects/  
HUMAN/ \*KIDNEY DISEASES, drug therapy/  
MALE/ MIDDLE AGE
3188. Kirichuk VF: Reflektornye villanii s shchitovidnoi  
zhelezy na svertyvanie krovi.  
Probl Endokr Gormonoter 13:79-84, Jan-Feb 67 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ ENGLISH ABSTRACT/  
HEPARIN, blood/ PROTHROMBIN TIME/  
RABBITS/ \*REFLEX/ \*THYROID GLAND,  
physiology
3189. Kirichuk VF: K mekhanizmu deistviya gormona  
shchitovidnoi zhelezy na koagulyatsionnuyu  
sposobnost' krovi.  
Probl Endokr (Moskva) 14:96-101, Jan-Feb 68 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ HEPARIN, biosynthesis/  
HEPARIN, blood/ LIVER, drug effects/  
PROTHROMBIN, biosynthesis/ PROTHROMBIN  
TIME/ RABBITS/ \*THYROXINE,  
pharmacodynamics
3190. Kirsch W: Der Einfluss von Magen-Darm-Sekreten auf  
Immunglobuline aus Milch und Serum.  
Helv Paediat Acta 25:119-26, Apr 70 (Ger)  
\*BLOOD/ BODY FLUIDS, secretion/ CATTLE/  
DUODENUM, secretion/ FECES, analysis/  
FEMALE/ \*GAMMA GLOBULIN, 7S, analysis/  
GASTRIC JUICE, secretion/ HUMAN/ IN  
VITRO/ INFANT/ MALE/ \*MILK, analysis/  
\*PEPTIDE HYDROLASES, pharmacodynamics
3191. Kirsch WM, Leitner JW, Schulz D, et al: Energy  
metabolism of the glioblastoma: chemotherapeutic  
implications. Surg Forum 20:444-5, 1969  
BRAIN, drug effects/ \*BRAIN, metabolism/  
\*BRAIN NEOPLASMS, metabolism/  
CEREBRAL EMBOLISM AND THROMBOSIS,  
prevention & control/ DRUG SYNERGISM/  
FLUOROURACIL, pharmacodynamics/  
\*FLUOROURACIL, therapeutic use/  
\*GLIOBLASTOMA MULTIFORME, metabolism/  
GLYCOLYSIS, drug effects/ HUMAN/  
MITOCHONDRIA, drug effects/ WARFARIN,  
pharmacodynamics/ \*WARFARIN, therapeutic  
use
3192. Kirschke H, Hanson H: Untersuchungen über den  
Kollagenabbau durch Ratenorgane. Differenzierung  
und Charakterisierung Prolinpeptid-spaltender  
Enzyme.  
Hoppe Seyler Z Physiol Chem 350:1437-48, Nov 69  
(Ger)  
ANIMAL EXPERIMENTS/ \*BRAIN,  
metabolism/ CHYMOTRYPSIN/ \*COLLAGEN,  
metabolism/ \*DIPEPTIDASES, metabolism/  
\*DIPEPTIDES, metabolism/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
\*KIDNEY, metabolism/ \*LIVER, metabolism/  
\*LUNG, metabolism/ \*MYOCARDIUM,  
metabolism/ \*PEPTIDES, metabolism/ RATS/  
\*SPLEEN, metabolism/ TRYPSIN
3193. Kirschke H, Lasch J, Hanson H: Untersuchungen über  
Vorkommen und Kinetik von Tripeptidasen in der



# AUTHOR SECTION

- Rattenniere.  
Hoppe Seyler Z Physiol Chem 350:1449-59, Nov 69  
(Ger)
- ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/ KIDNEY,  
cytology/ \*KIDNEY, enzymology/ KINETICS/  
MICROSOMES, enzymology/ MOLECULAR  
WEIGHT/ \*PEPTIDE HYDROLASES,  
metabolism/ RATS/ TEMPERATURE
3194. Kirschner K: Strukturelle Flexibilität und  
Enzymfunktion.  
Naturwissenschaften 56:232-7, May 69 (Ger)  
BINDING SITES/ \*CATALYSIS/ CHEMISTRY/  
CHYMOTRYPSIN/ \*ENZYMES/  
GLYCERALDEHYDEPHOSPHATE  
DEHYDROGENASE/ KINETICS/ LACTATE  
DEHYDROGENASE/ MURAMIDASE/ NAD/  
PYRUVATE KINASE/ TRANSFERASES
3195. Kiselev AE, Podolskii MV, Skur'lat EN, et al: Izyskanie  
optimal'nykh uslovii vysshivaniia éritrotsitov.  
Probl Gemat 13:3-7, Feb 68 (Rus)  
\*BLOOD PRESERVATION/ ENGLISH  
ABSTRACT/ \*ERYTHROCYTES/ \*FREEZE  
DRYING, instrumentation/ METHODS
3196. Kisker CT, Burke C: Management of hemarthrosis.  
New Eng J Med 282:1212-3, 21 May 70  
ADRENAL CORTEX HORMONES, therapeutic  
use/ BLOOD COAGULATION FACTORS,  
therapeutic use/ \*HEMARTHROSIS, therapy/  
HUMAN/ IMMOBILIZATION/ MALE
3197. Kisker CT, Burke C: Double-blind studies on the use of  
steroids in the treatment of acute hemarthrosis in  
patients with hemophilia.  
New Eng J Med 282:639-42, 19 Mar 70  
ACUTE DISEASE/ CHILD/ CHRISTMAS  
DISEASE, complications/ CLINICAL  
RESEARCH/ FACTOR VIII, therapeutic use/  
\*HEMARTHROSIS, drug therapy/  
HEMARTHROSIS, etiology/ \*HEMOPHILIA,  
complications/ HUMAN/ MALE/ PLACEBOS/  
\*PREDNISONE, therapeutic use/  
THROMBOPLASTIN, therapeutic use
3198. Kissin AG: Preduprezhdenie ostroi pochechnoi  
nedostatochnosti pri massivnom vnutrisosudistom  
gemolize. Probl Gemat 14:11-6, Dec 69 (Rus)  
ACETATES, poisoning/ ADULT/  
AMINOPHYLLINE, therapeutic use/  
BICARBONATES, therapeutic use/ \*BLOOD  
COAGULATION DISORDERS, drug therapy/  
ENGLISH ABSTRACT/ HEMOLYSIS/ HUMAN/  
KIDNEY FAILURE, ACUTE, etiology/  
\*KIDNEY FAILURE, ACUTE, prevention &  
control/ MALE/ SODIUM, therapeutic use/  
UREA, therapeutic use
3199. Kissler F: Erfahrungen mit der Nobleschen Faltung bei  
Dünndarmadhäsionen. Chirurg 40:419-22, Sep 69 (Ger)  
\*ADHESIONS, surgery/ ADOLESCENCE/  
AGED/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ INTESTINAL DISEASES, surgery/  
INTESTINAL OBSTRUCTION, radiography/  
\*INTESTINAL OBSTRUCTION, surgery/  
INTESTINE, SMALL, radiography/  
\*INTESTINE, SMALL, surgery/ MALE/  
METHODS/ MIDDLE AGE
3200. Kissmeyer-Nielsen F, Svegaard A, Ahrons S, et al:  
Crossing-over within the HL-A system.  
Nature (London) 224:75-6, 4 Oct 69  
BLOOD PLATELETS, immunology/  
CHROMOSOME MAPPING/ \*CROSSING OVER  
(GENETICS)/ FEMALE/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
MALE/ POLYMORPHISM (GENETICS)/  
\*RECOMBINATION, GENETIC/  
\*TRANSPLANTATION IMMUNOLOGY
3201. Kistner RL: Advances in management of  
thromboembolic disease.  
Surg Clin N Amer 50:471-84, Apr 70  
ADULT/ AGED/ ANGIOGRAPHY/  
\*ANTICOAGULANTS, therapeutic use/  
FEMORAL VEIN/ HUMAN/ ILIAC VEIN/  
MALE/ PHLEBOGRAPHY/ POSTOPERATIVE  
COMPLICATIONS, therapy/ \*PULMONARY  
EMBOLISM, diagnosis/ RADIOISOTOPE  
SCANNING/ \*THROMBOEMBOLISM, therapy/  
\*THROMBOPHLEBITIS, diagnosis
3202. Kitabchi AE: The biological and immunological  
properties of pork and beef insulin, proinsulin, and  
connecting peptides. J Clin Invest 49:979-87, May 70  
ADIPOSE TISSUE, cytology/ ADIPOSE  
TISSUE, metabolism/ ANIMAL  
EXPERIMENTS/ ANTIGEN-ANTIBODY  
REACTIONS/ \*CARBON DIOXIDE,  
biosynthesis/ CARBON ISOTOPES/ CATTLE/  
ENERGY TRANSFER/ \*GLUCOSE, metabolism/  
IMMUNE SERUMS/ \*INSULIN, analysis/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ \*LIPIDS, metabolism/  
\*PEPTIDES, analysis/ RADIOIMMUNOASSAY/  
RATS/ SWINE/ TRYPSIN, pharmacodynamics
3203. Kitamura K, Asakura T: [Operative technic in  
removing intracranial hematoma]  
Shujutsu 24:665-75, Jun 70 (Jap)  
ACUTE DISEASE/ \*CEREBRAL  
HEMORRHAGE, surgery/ CHRONIC DISEASE/  
CRANIOTOMY/ \*HEMATOMA, surgery/  
\*HEMATOMA, EPIDURAL, surgery/  
\*HEMATOMA, SUBDURAL, surgery/ HUMAN
3204. Kitamura M, Sakaguchi G: Dissociation and  
reconstitution of 12-S toxin of Clostridium botulinum  
type E. Blochim Biophys Acta 194:564-71, 23 Dec 69  
ANIMAL EXPERIMENTS/ ANTIGENS/  
BOTULINUM TOXIN/ BOTULINUM TOXIN,  
analysis/ BOTULINUM TOXIN, toxicity/  
BUFFERS/ CENTRIFUGATION, DENSITY  
GRADIENT/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*CLOSTRIDIUM BOTULINUM/ DRUG  
STABILITY/ GEL DIFFUSION TESTS/  
HYDROGEN-ION CONCENTRATION/ IMMUNE  
SERUMS/ INJECTIONS, INTRAVENOUS/  
MICROSCOPY, ELECTRON/ \*RNA/ RNA,  
analysis/ TEMPERATURE/ TIME FACTORS/  
\*TOXINS/ TOXINS, classification/ TRYPSIN
3205. Kiyoshima S, Kondo M, Furushima Y, et al:  
[Retroperitoneal tumor, a case report--hemangioma  
with lymphocytic infiltration]  
Acta Urol Jap 16:10-6, Jan 70 (Jap)  
ADULT/ ENGLISH ABSTRACT/  
\*HEMANGIOMA, pathology/ HEMANGIOMA,  
surgery/ HUMAN/ \*LYMPHOCYTES/ MALE/  
\*RETROPERITONEAL NEOPLASMS, pathology/  
RETROPERITONEAL NEOPLASMS, surgery
3206. Kjeldsen K, Astrup P, Wanstrup J: Reversal of rabbit  
atheromatosis by hyperoxia.  
J Atheroscler Res 10:173-8, Sep-Oct 69  
ANIMAL EXPERIMENTS/ AORTA, analysis/  
AORTA, pathology/ AORTIC DISEASES,  
prevention & control/ \*ARTERIOSCLEROSIS,  
prevention & control/ CHOLESTEROL,  
analysis/ DIET, ATHEROGENIC/ MALE/  
MYOCARDIUM, pathology/ \*OXYGEN, blood/  
PHOSPHOLIPIDS, analysis/ RABBITS/  
TRIGLYCERIDES, analysis
3207. Kjellman H, Schannong M: Tranexamsyra--ett nytt  
antifibrinolytikum.  
Nord Med 83:166-8, 5 Feb 70 (34 ref.) (Swe)  
\*ANTIFIBRINOLYTIC AGENTS/  
ANTIFIBRINOLYTIC AGENTS, administration  
& dosage/ ANTIFIBRINOLYTIC AGENTS,  
adverse effects/ ANTIFIBRINOLYTIC  
AGENTS, pharmacodynamics/  
ANTIFIBRINOLYTIC AGENTS, toxicity/  
CHEMISTRY/ \*CYCLOHEXANECARBOXYLIC  
ACIDS/ CYCLOHEXANECARBOXYLIC ACIDS,  
administration & dosage/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/  
CYCLOHEXANECARBOXYLIC ACIDS, toxicity/  
ENGLISH ABSTRACT/ FIBRINOLYSIS, drug  
effects/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ REVIEW
3208. Klamut M, Korolko A, Woyda J, et al: Rentgenowski  
środek clenujący "Uromiro" a krzepnięcie krwi.  
Pol Tyg Lek 24:1311-3, 25 Sep 69 (Pol)



# AUTHOR SECTION

- ADULT/ AGED/ ANGIOGRAPHY/ \*BLOOD COAGULATION DISORDERS, chemically induced/ \*CONTRAST MEDIA, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE
3209. Klapp B, Krusch K: Vergleichende Aminosäure- und "Fingerprint"-Analysen von Carboxylesterasen (EC 3.1.1.1) aus Leber und Niere. Hoppe Seyler Z Physiol Chem 351:81-9, Jan 70 (Ger) ALKYLATION/ \*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ \*ESTERASES, analysis/ ISOFLUOROPHATE/ \*KIDNEY, enzymology/ \*LIVER, enzymology/ PHOSPHORUS ISOTOPES/ SWINE/ TRYPSIN
3210. Klassen J, Milgrom F: The generalized Schwartzman phenomenon in rabbits with denervated kidneys. Proc Soc Exp Biol Med 134:980-4, Sep 70 ANIMAL EXPERIMENTS/ DENERVATION/ ENDOTOXINS/ ESCHERICHIA COLI/ FIBRINOGEN/ FIBRINOLYSIS/ FLUORESCENCE/ FLUORESCENT DYES/ GEL DIFFUSION TESTS/ IMMUNE SERUMS, isolation & purification/ IMMUNOELECTROPHORESIS/ \*KIDNEY, innervation/ \*KIDNEY, transplantation/ LIPOPOLYSACCHARIDES/ POLYSACCHARIDES, BACTERIAL/ RABBITS/ \*SCHWARTZMAN PHENOMENON/ TRANSPLANTATION, AUTOLOGOUS
3211. Kłeczyński S: Możliwość wykorzystania pochodnej glukofuranozydu w leczeniu przedwczesnego obrzęku chłonnego kończyn. Pol Tyg Lek 25:936-8, 22 Jun 70 (Pol) ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ EXTREMITIES, physiopathology/ FEMALE/ FIBRINOLYSIS/ FURANS, therapeutic use/ \*GLUCOSE, therapeutic use/ HUMAN/ \*LYMPHEDEMA, drug therapy
3212. Klee WA, Streaty RA: Studies on the conformation and proteolytic susceptibility of rat and bovine pancreatic ribonucleases. J Biol Chem 245:1227-32, 25 Mar 70 AMINO ACID SEQUENCE/ \*AMINO ACIDS/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ METHODS/ OPTICAL ROTATORY DISPERSION/ \*PANCREAS, enzymology/ PANCREATOPEPTIDASE/ PEPTIDE HYDROLASES/ PEPTIDE PEPTIDOHYDROLASES/ RATS/ \*RIBONUCLEASE/ RIBONUCLEASE, analysis/ RIBONUCLEASE, isolation & purification/ SPECIES SPECIFICITY/ SPECTRUM ANALYSIS/ TYROSINE/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS
3213. Kleiman JH, Lands WE: Purification of a phospholipase C from Bacillus cereus. Biochim Biophys Acta 187:477-85, 17 Dec 69 \*BACILLUS CEREUS, enzymology/ CEPHALINS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ GEL FILTRATION/ GLYCEROPHOSPHATES/ LECITHINS/ PHOSPHOLIPASE, antagonists & inhibitors/ \*PHOSPHOLIPASE, isolation & purification/ PHOSPHOLIPASE, metabolism/ PROTAMINES/ SULFHYDRYL COMPOUNDS/ SULFONIC ACIDS/ ZINC
3214. Kleimans M, Sforza B, Kordich L, et al: Coagulopatía por consumo en un enfermo con cáncer de próstata. Sangre (Barc) 15:130-4, 1970 (Spa) AGED/ \*BLOOD COAGULATION DISORDERS, complications/ HUMAN/ MALE/ \*PROSTATIC NEOPLASMS, blood
3215. Klein HZ, Markarian M: Dermal erythropoiesis in congenital rubella. Description of an infected newborn who had purpura associated with marked extramedullary erythropoiesis in the skin and elsewhere. Clin Pediatr (Phila) 8:604-7, Oct 69 CASE REPORT/ COMPLEMENT FIXATION TESTS/ \*ERYTHROPOIESIS/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ INFANT, NEWBORN/ \*PURPURA, THROMBOPENIC, complications/ \*RUBELLA, congenital/ RUBELLA, diagnosis/ RUBELLA, pathology/ SKIN, pathology
3216. Klein JM, Bazinet HP: Le purpura pré-éruptif. Un Med Canada 99:278-81, Feb 70 (Fre) \*CHICKENPOX, complications/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*PURPURA, THROMBOPENIC, complications
3217. Klein MD, Bell W, Nejad N, et al: The effect of arvin upon cardiac function. Proc Soc Exp Biol Med 132:1123-6, Dec 69 ANIMAL EXPERIMENTS/ DOGS/ FIBRINOGEN, analysis/ \*HEART, drug effects/ HEART VENTRICLE/ HEMODYNAMICS, drug effects/ MUSCLE CONTRACTION, drug effects/ SNAKES/ \*VENOMS, pharmacodynamics
3218. Kline R, Tille D: Charakterisierung der Protamin hydrolysierenden Enzymwirkung des Rattenserums. Acta Biol Med German 22:525-35, 1969 (Ger) ANIMAL EXPERIMENTS/ ARGININE, analysis/ CADMIUM, pharmacodynamics/ \*CARBOXYPEPTIDASES, blood/ CATALYSIS/ CATTLE/ CHROMATOGRAPHY, PAPER/ COBALT, pharmacodynamics/ COLORIMETRY/ EDTA, pharmacodynamics/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ IONS/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PEPTIDES, analysis/ \*PROTAMINES, metabolism/ RATS/ TRYPSIN, metabolism
3219. Kleiner GJ, Merskey C, Johnson AJ, et al: Defibrination in normal and abnormal parturition. Brit J Haemat 19:159-78, Aug 70 ABRUPTIO PLACENTAE, blood/ ANTIFIBRINOLYTIC AGENTS, blood/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CESAREAN SECTION/ DELIVERY/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FETAL DEATH, blood/ \*FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ \*LABOR/ PLASMINOGEN, analysis/ PRECIPITIN TESTS/ PRECIPITINS, analysis/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, blood/ TWINS
3220. Kleinman PD, Griner PF: Studies of the epidemiology of anticoagulant-drug interactions. Arch Intern Med (Chicago) 126:522-3, Sep 70 ADULT/ \*ANTICOAGULANTS, therapeutic use/ CHOLESTYRAMINE, therapeutic use/ DEXTROTHYROSINE, therapeutic use/ DISULFIRAM, therapeutic use/ \*DRUG ANTAGONISM/ \*DRUG SYNERGISM/ HUMAN/ PHENYLBUTAZONE, therapeutic use/ PHENYRAMIDOL, therapeutic use/ PROTHROMBIN TIME/ WARFARIN, therapeutic use
3221. Klemer A, Mempel D, Römer K: Chemische Untersuchungen an Chondroitinsulfat- und Heparansulfat-Peptiden aus menschlichen Aorten. IV. Z Naturforsch [B] 24:1273-9, Oct 69 (Ger) AMINO ACIDS, analysis/ AORTA, analysis/ \*AORTA, metabolism/ \*ARTERIOSCLEROSIS, metabolism/ \*CHONDROITIN, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ \*HEPARIN, analysis/ HUMAN/ \*PEPTIDES, analysis/ SULFATES, analysis
3222. Klemm GM, Lindner D, Dietz O, et al: Beitrag zum Wirkungsmechanismus des Dimethylsulfoxids (DMSO) auf Grand zytologischer Untersuchungen an Rindern und klinischer Beobachtungen an Sportpferden. Mh Veterinaermed 24:612-8, 15 Aug 69 (Ger) ANIMAL EXPERIMENTS/ ARTHRITIS, drug therapy/ ARTHRITIS, veterinary/ CATTLE/ \*DIMETHYL SULFOXIDE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, secretion/ HISTAMINE LIBERATION/ HORSE DISEASES, drug therapy/ HORSES/ MALE/



## AUTHOR SECTION

\*MAST CELLS, drug effects/ TENDINITIS,  
drug therapy/ TENDINITIS, veterinary

3223. Klenow H, Henningsen I: Selective elimination of the exonuclease activity of the deoxyribonucleic acid polymerase from *Escherichia coli* B by limited proteolysis. *Proc Nat Acad Sci USA* 65:168-75, Jan 70  
BACTERIAL PROTEINS/ CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*DEOXYRIBONUCLEASE/ DNA, BACTERIAL/  
\*DNA NUCLEOTIDYL- TRANSFERASE,  
analysis/ DNA NUCLEOTIDYL-  
TRANSFERASE, isolation & purification/  
\*ESCHERICHIA COLI, enzymology/ GEL  
FILTRATION/ MOLECULAR WEIGHT/  
NUCLEOTIDES/ PEPTIDE  
PEPTIDOHYDROLASES/ TRITIUM
3224. Kleynhans P, Retief FP, Bosman AR: Die effek van Tavan (SP-54) op die stillingsmeganisme en fibrinolise by pasiënte op antistolterapie.  
*S Afr Med J* 43:1504-7, 13 Dec 69 (Afr)  
\*BLOOD COAGULATION DISORDERS,  
chemically induced/ BLOOD COAGULATION  
TESTS/ CHOLESTEROL, blood/ DRUG  
SYNERGISM/ \*HEPARIN, therapeutic use/  
HEPARINOID, adverse effects/ \*HEPARINOID,  
therapeutic use/ HUMAN/ \*MYOCARDIAL  
INFARCT, drug therapy/ WARFARIN, adverse  
effects/ \*WARFARIN, therapeutic use
3225. Kliachkin LM, Parshina ZS, Mit'kin AF: Vliyanie butadiona na nekotorye pokazateli gemostaticheskoi funktsii bol'nykh koronarnoi nedostatochnost'iu.  
*Ter Arkh* 41:58-62, Jan 69 (Rus)  
ADULT/ AGED/ ANGINA PECTORIS, drug  
therapy/ \*BLOOD COAGULATION, drug  
effects/ \*CORONARY DISEASE, drug therapy/  
ENGLISH ABSTRACT/ HUMAN/ MIDDLE  
AGE/ MYOCARDIAL INFARCT, drug therapy/  
\*PHENYLBUTAZONE, pharmacodynamics
3226. Kliman A: Red Cross blood and hepatitis.  
*New Eng J Med* 282:101-2, 8 Jan 70  
BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ BLOOD TRANSFUSION,  
adverse effects/ \*HEPATITIS, HOMOLOGOUS  
SERUM, occurrence/ HUMAN/  
MASSACHUSETTS/ \*RED CROSS
3227. Klimov IA, Ilushechkina AI: Kolorimetricheskii metod opredeleniia enterokinazy (enteropeptidazy) v duodenal'nom soke. *Lab Delo* 7:405-6, 1969 (Rus)  
COLORIMETRY/ HUMAN/ \*PANCREATIC  
JUICE, enzymology/ \*PEPTIDE  
PEPTIDOHYDROLASES, analysis
3228. Klimov IA, Ivanovskii SB: Kolorimetricheskoe opredelenie proteoliticheskoi aktivnosti mochi pri nekotorykh zabolevaniakh.  
*Lab Delo* 3:157-8, 1970 (Rus)  
COLLAGEN DISEASES, urine/  
COLORIMETRY/ HEMATOLOGIC DISEASES,  
urine/ HUMAN/ HYPERTENSION, urine/  
METHODS/ PEPTIC ULCER, urine/ \*PEPTIDE  
HYDROLASES
3229. Kline SN, Lewis JH, Bayer WL, et al: Multiple extractions in hemophilia B-use of a PTC (factor IX) concentrate: report of case.  
*J Oral Surg* 28:292-4, Apr 70  
ADULT/ CASE REPORT/ CHRISTMAS  
DISEASE/ \*FACTOR IX, therapeutic use/  
\*HEMORRHAGE, ORAL, prevention & control/  
HUMAN/ MALE/ \*TOOTH EXTRACTION/  
WOUND HEALING
3230. Klingler M, Gloor F, Ludin H: Arteriovenöses Angiom der Orbita. Bericht eines Falles und Literaturübersicht. *Zbl Neurochir* 30:9-16, 1969 (Ger)  
ADULT/ ARTERIOVENOUS FISTULA,  
pathology/ CAROTID ARTERIES, radiography/  
ENGLISH ABSTRACT/ \*HEMANGIOMA,  
diagnosis/ HEMANGIOMA, pathology/  
HEMANGIOMA, surgery/ HUMAN/ MALE/  
ORBIT, blood supply/ \*ORBITAL  
NEOPLASMS, diagnosis/ ORBITAL  
NEOPLASMS, pathology/ ORBITAL  
NEOPLASMS, surgery/ STAINS AND  
STAINING
3231. Klink K, Bürkmann I, Julich H, et al: Zur Atemwirksamkeit des Antifibrinolytikums PAMBA. *Allerg Asthma (Leipzig)* 15:167-71, 1969 (Ger)  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ ASTHMA, drug therapy/  
\*BENZOATES, pharmacodynamics/  
\*BRONCHIAL DISEASES, drug therapy/  
BRONCHIAL SPASM, drug therapy/ CARBON  
DIOXIDE, blood/ HUMAN/ MORPHINE,  
pharmacodynamics/ PREMEDICATION/  
\*RESPIRATION, drug effects/ SPIROMETRY
3232. Klochkov ND: O fibrinolize pri khirurgicheskikh vmeshatel'stvakh. *Arkhh Pat* 31:26-30, 1969 (Rus)  
ENGLISH ABSTRACT/ ESOPHAGUS, surgery/  
EXTRACORPOREAL CIRCULATION/ FIBRIN/  
\*FIBRINOLYSIS/ \*HEMORRHAGE, etiology/  
HEMORRHAGE, pathology/ HEMORRHAGE,  
therapy/ HEMORRHAGIC DIATHESIS,  
etiology/ HUMAN/ KIDNEY, pathology/  
KIDNEY FAILURE, ACUTE, etiology/ LUNG,  
pathology/ PLEURA, pathology/  
PNEUMONECTOMY/ \*POSTOPERATIVE  
COMPLICATIONS/ SPLENECTOMY/  
THROMBOSIS, pathology
3233. Klöcking HP, Markwardt F: Tierexperimentelle Verfahren zur Testung von Fibrinolytika und Antifibrinolytika.  
*Folia Haemat (Leipzig)* 92:84-9, 1969 (Ger)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ BENZOATES,  
pharmacodynamics/ BLOOD COAGULATION  
TESTS/ CATS/ CATTLE/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/ DOGS/ FIBRINOGEN,  
metabolism/ FIBRINOLYSIS/ \*FIBRINOLYTIC  
AGENTS, pharmacodynamics/ GUINEA PIGS/  
HUMAN/ MICE/ RABBITS/ RATS/ SHEEP/  
STREPTOKINASE, blood/ SWINE/  
THROMBELASTOGRAPHY
3234. Kloeze J: Relationship between chemical structure and platelet-aggregation activity of prostaglandins.  
*Biochim Biophys Acta* 187:285-92, 28 Oct 69  
ADENINE NUCLEOTIDES, antagonists &  
inhibitors/ \*ADENINE NUCLEOTIDES,  
pharmacodynamics/ AGGLUTINATION/  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL/ \*BLOOD PLATELETS, drug  
effects/ CELL AGGREGATION/ CHEMISTRY/  
CITRATES/ DENSITOMETRY/ DEPRESSION,  
CHEMICAL/ ESTERS, pharmacodynamics/  
FATTY ACIDS/ IN VITRO/  
PROSTAGLANDINS, antagonists & inhibitors/  
\*PROSTAGLANDINS, pharmacodynamics/  
RATS/ STIMULATION, CHEMICAL
3235. Kloeze J: Influence of prostaglandins E1 and E2 on coagulation of rat blood.  
*Experientia* 26:307-8, 15 Mar 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ CALCIUM  
CHLORIDE/ MALE/ PLATELET  
ADHESIVENESS, drug effects/  
\*PROSTAGLANDINS, pharmacodynamics/  
PROTHROMBIN TIME/ RATS/  
THROMBELASTOGRAPHY/  
THROMBOPLASTIN
3236. Kloeze J: Prostaglandins and platelet aggregation in vivo. II. Influence of PGE1 and PGF1 alpha on platelet thrombus formation induced by an electric stimulus in veins on the rat brain surface.  
*Thromb Diath Haemorrh* 23:293-8, 1970  
ADENINE NUCLEOTIDES, antagonists &  
inhibitors/ ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ CEREBRAL  
CORTEX, blood supply/ ELECTRIC  
STIMULATION/ ERYTHROCYTES/ MALE/  
PLATELET ADHESIVENESS, drug effects/  
\*PROSTAGLANDINS, pharmacodynamics/  
RATS/ THROMBOSIS, etiology/ THROMBOSIS,  
pathology/ VEINS
3237. Kloeze J: Prostaglandins and platelet aggregation in vivo. I. Influence of PGE1 and omega-homo-PGE1 on



# AUTHOR SECTION

- transient thrombocytopenia and of PGE<sub>1</sub> on the LD50 of ADP. Thromb Diath Haemorrh 23:286-92, 1970  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ IN VITRO/  
NUCLEOSIDES, pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/  
\*PROSTAGLANDINS, pharmacodynamics/  
RATS/ THROMBOPENIA, etiology/  
THROMBOSIS, chemically induced/  
THROMBOSIS, complications
3238. Kloeze J, Houtsmuller UM, Vies RO: Influence of dietary fat mixtures on platelet adhesiveness, atherosclerosis and plasma cholesterol content in rabbits. J Atheroscler Res 9:319-34, May-Jun 69  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, chemically induced/  
\*ARTERIOSCLEROSIS, pathology/ \*BLOOD  
PLATELETS, drug effects/ BODY WEIGHT/  
\*CHOLESTEROL, blood/ COCONUT/  
CORONARY VESSELS, pathology/ \*DIETARY  
FATS/ DIETARY FATS, adverse effects/  
ERYTHROCYTES, analysis/ FATTY ACIDS,  
analysis/ FATTY ACIDS, ESSENTIAL,  
pharmacodynamics/ HEMOLYSIS, drug effects/  
LINSEED, pharmacodynamics/ LIVER,  
pathology/ MALE/ MYOCARDIAL INFARCT,  
pathology/ MYOCARDIUM, pathology/ ORGAN  
WEIGHT/ PLATELET ADHESIVENESS, drug  
effects/ RABBITS/ TIME FACTORS
3239. Klomp J: Een geval van maternale sterfte na een solutio placentae. Nederl T Verlosk 70:33-40, Feb 70 (Dut)  
\*ABRUPTIO PLACENTAE, mortality/ ADULT/  
AFIBRINOGENEMIA, etiology/ CASE  
REPORT/ FEMALE/ HUMAN/ PLACENTA  
DISORDERS, complications/ PLACENTA  
DISORDERS, mortality/ PREGNANCY
3240. Klomp J: Een geval van moedersterfte na een solutio placentae. Nederl T Geneesk 113:2222-4, 6 Dec 69 (Dut)  
ADULT/ \*AFIBRINOGENEMIA, complications/  
FEMALE/ HUMAN/ PLACENTA DISORDERS,  
complications/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC, mortality/  
\*PUERPERAL DISORDERS
3241. Kloppstech K, Steinbeck R, Klink F: Characteristics of the reaction between diphtheria toxin, pyridine coenzymes and the GTP-splitting transfer factor FI. Hoppe Seyler Z Physiol Chem 350:1377-84, Nov 69  
CATTLE/ CHEMISTRY/ CYSTEAMINE/  
\*DIPHThERIA TOXIN/ DIPHThERIA TOXIN,  
toxicity/ \*GUANINE NUCLEOTIDES,  
metabolism/ HEAT/ LIVER, enzymology/  
\*NAD/ PEPTIDES, biosynthesis/ RIBOSOMES,  
metabolism/ SODIUM HYDROXIDE/  
\*TRANSFERASES, antagonists & inhibitors/  
TRYPSIN
3242. Kloster FE, Bristow JD, Griswold HE: Femoral artery occlusion following percutaneous catheterization. Amer Heart J 79:175-80, Feb 70  
ADULT/ ARTERIOSCLEROSIS, complications/  
FEMALE/ \*FEMORAL ARTERY/ FEMORAL  
ARTERY, surgery/ \*HEART  
CATHETERIZATION, adverse effects/ HEART  
CATHETERIZATION, instrumentation/  
HEMOSTASIS/ HUMAN/ MIDDLE AGE/  
MITRAL VALVE STENOSIS, diagnosis/  
PUNCTURES/ \*THROMBOSIS, etiology/  
THROMBOSIS, surgery/ TIME FACTORS
3243. Klosterhalfen H, Kaufmann J, Burchardt P, et al: Experimentelle Untersuchungen zur Fibrinpyelotomie. Urologe 8:167-9, May-Jun 69 (Ger)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ \*FIBRIN/ FIBRINOGEN/  
FIBRINOLYSIS/ FIBRINOLYTIC AGENTS,  
urine/ \*KIDNEY CALCULI, surgery/ \*KIDNEY  
PELVIS, surgery/ METHODS/ RABBITS/  
THROMBIN
3244. Klotz IM: Comparison of molecular structures of proteins: helix content; distribution of apolar residues. Arch Biochem 138:704-6, Jun 70  
CARBONIC ANHYDRASE/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
CHYMOTRYPSIN/ CYTOCHROMES/  
HEMOGLOBIN/ MURAMIDASE/ MYOGLOBIN/  
PAPAIN/ PEPTIDE HYDROLASES/  
\*PROTEINS/ RIBONUCLEASE/ X-RAY  
DIFFRACTION
3245. Klug WS, King RC, Wattiaux JM: Oogenesis in the suppressor of hairy-wing mutant of Drosophila melanogaster. II. Nucleolar morphology and in vitro studies of RNA protein synthesis. J Exp Zool 174:125-40, Jun 70  
\*CELL NUCLEOLUS/ CELL NUCLEOLUS, metabolism,  
drug effects/ CELL NUCLEOLUS, metabolism,  
CHROMOSOMES/ DACTINOMYCIN,  
pharmacodynamics/ \*DROSOPHILA/ \*GENES,  
SUPPRESSOR/ GENETICS, BIOCHEMICAL/  
HETEROZYGOTE/ HOMOZYGOTE/ LEUCINE,  
metabolism/ \*MUTATION/ OVARY, cytology/  
\*OVUM, cytology/ OVUM, drug effects/  
\*PROTEINS, biosynthesis/  
RADIOAUTOGRAPHY/ RADIOMETRY/  
RIBONUCLEASE, metabolism/ RIBOSOMES/  
\*RNA, biosynthesis/ RNA, metabolism/  
TISSUE CULTURE/ TRITIUM/ TRYPSIN,  
metabolism/ URIDINE, metabolism
3246. Kluge A, Haug H: Beeinflussung von Enzymaktivität in menschlichem Blut durch Gerinnungsvorgänge und Thrombozyten-Desintegration. Blut 21:20-8, Jul 70 (Ge)  
\*ALDOLASE, blood/ \*ASPARTATE  
AMINOTRANSFERASE, blood/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION/ \*BLOOD  
PLATELETS, enzymology/ CLOT  
RETRACTION/ EDTA/ HEMATOCRIT/  
HUMAN/ \*LACTATE DEHYDROGENASE,  
blood/ \*MALATE DEHYDROGENASE, blood/  
TIME FACTORS
3247. Klynstra FB, Böttcher CJ: Permeability patterns in aorta. Atherosclerosis 11:451-62, May-Jun 70  
ANIMAL EXPERIMENTS/ AORTA,  
enzymology/ \*AORTA, pathology/  
ARTERIOSCLEROSIS, enzymology/  
\*ARTERIOSCLEROSIS, pathology/ CAPILLAR  
PERMEABILITY/ CELL MEMBRANE  
PERMEABILITY/ CLOSTRIDIOPROTEINASE A  
EPITHELIUM/ FATTY STREAK, ARTERIAL  
FIBRINOLYSIS/ GLUCURONIDASE/  
HYALURONIDASE/ PANCREATOPEPTIDASE/  
\*PEPTIDE HYDROLASES, analysis/ SWINE/  
TRYPSIN
3248. Knobloch W, Knobloch I, Vogt WE, et al: Untersuchungen über die Isolierung und Reindarstellung eines Agglutinins aus der Eiweißdrüse der Helix pomatia. Z Immunitätsforsch 139:119-28, Feb 70 (G)  
AMMONIUM COMPOUNDS, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ \*ANTIBODIES, isolation &  
purification/ CARBOHYDRATES, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
HEMAGGLUTINATION TESTS/  
IMMUNOELECTROPHORESIS/ MOLECULAR  
WEIGHT/ NITROGEN, analysis/ PEPTIDE  
HYDROLASES, pharmacodynamics/  
PRECIPITATION/ \*SNAILS, immunology/  
SULFATES, pharmacodynamics/ TRYPSIN,  
pharmacodynamics
3249. Knock FE, Galt RM, Renaud OV, et al: Clinical chemotherapy aimed at potential cell regulation. Arch Surg (Chicago) 100:167-72, Feb 70  
ADULT/ \*ANTINEOPLASTIC AGENTS,  
therapeutic use/ BREAST NEOPLASMS, dr  
therapy/ CARCINOMA, BRONCHOGENIC, d  
therapy/ CARCINOMA, EPIDERMAL, drug  
therapy/ CHORIOCARCINOMA, drug therap  
COLONIC NEOPLASMS, drug therapy/ DRU  
SYNERGISM/ FEMALE/ FLUORIDES,  
therapeutic use/ HEPARIN, therapeutic us  
HUMAN/ LUNG NEOPLASMS, drug therap  
MALE/ MALONATES, therapeutic use/  
MELANOMA, drug therapy/ \*NEOPLASMS,  
drug therapy/ OVARIAN NEOPLASMS, dr  
therapy/ \*OXOPHENARSINE, therapeutic u  
PHARYNGEAL NEOPLASMS, drug therapy/  
RECTAL NEOPLASMS, drug therapy/



## AUTHOR SECTION

- SARCOMA, drug therapy/ STOMACH  
NEOPLASMS, drug therapy/ TESTICULAR  
NEOPLASMS, drug therapy/ THYROID  
NEOPLASMS, drug therapy/ TIME FACTORS/  
VITAMIN K, therapeutic use
3250. Knodell RG, Toskes PF, Reber HA, et al: Significance of cyclic AMP in the regulation of exocrine pancreas secretion. *Experientia* 26:515-7, 15 May 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/  
\*CHYMOTRYPSIN, secretion/ MALE/  
PANCREAS, drug effects/ PANCREAS, enzymology/ \*PANCREAS, secretion/  
PANCREOZYMIN, pharmacodynamics/  
RABBITS/ STIMULATION, CHEMICAL/  
THEOPHYLLINE, pharmacodynamics/  
\*TRYPSIN, secretion
3251. Knothe W: Venöse Thrombose und Lungenembolie--Prophylaxe und Therapie. *Chirurg* 40:501-6, 11 Nov 69 (Ger)  
ANTICOAGULANTS, adverse effects/  
ANTICOAGULANTS, therapeutic use/  
HUMAN/ METHODS/ PHLEBOGRAPHY/  
\*PULMONARY EMBOLISM, surgery/  
THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, physiopathology/  
THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy
3252. Knox RB, Heslop-Harrison J: Pollen-wall proteins: localization and enzymic activity. *J Cell Sci* 6:1-27, Jan 70  
ACID PHOSPHATASE, analysis/ ALLERGENS/  
AMYLASE, analysis/ \*CELL WALL, analysis/  
CELLULOSE, analysis/ ESTERASES, analysis/  
HISTOCYTOCHEMISTRY/ MICROSCOPY,  
ELECTRON/ PEPTIDE HYDROLASES,  
analysis/ \*PLANT PROTEINS, analysis/  
\*POLLEN, analysis/ \*POLLEN, enzymology/  
POLLEN, growth & development/  
RIBONUCLEASE, analysis
3253. Knudsen FU, Gormsen J: Subbands of lactate dehydrogenase isoenzymes in human thrombocytes. *Scand J Haemat* 7:100-3, 1970  
\*BLOOD PLATELETS, enzymology/  
ELECTROPHORESIS, DISK/ HUMAN/  
LACTATE DEHYDROGENASE ISOENZYMES,  
blood/ \*LACTATE DEHYDROGENASE  
ISOENZYMES, isolation & purification/  
MYELOPROLIFERATIVE DISORDERS, blood/  
NEOPLASM METASTASIS/ POLYMORPHISM  
(GENETICS)/ THROMBOPHLEBITIS, blood
3254. Kobaladze SG, Saginjan VS, Sonija GS, et al: Die Anwendung von Carbochromen bei der Coronarinsuffizienz. *Arzneimittelforschung* 20:468-9, Mar 70 (Ger)  
\*ACID-BASE EQUILIBRIUM, drug effects/  
ADULT/ \*ANGINA PECTORIS, drug therapy/  
\*BLOOD, drug effects/ BLOOD  
CIRCULATION, drug effects/ BLOOD  
COAGULATION, drug effects/ CORONARY  
DISEASE, blood/ \*CORONARY DISEASE, drug  
therapy/ CORONARY DISEASE, metabolism/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ FEMALE/ HEART RATE, drug  
effects/ HEMOGLOBIN, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ LIPIDS,  
metabolism/ MALE/ MIDDLE AGE/ OXYGEN,  
blood/ OXYGEN CONSUMPTION,  
drug effects/ PAIN, drug therapy/  
\*POTASSIUM, blood/ \*SODIUM, blood/  
STIMULATION, CHEMICAL/ \*VASODILATOR  
AGENTS, pharmacodynamics/ VASODILATOR  
AGENTS, therapeutic use
3255. Kobayashi A, Kumada M, Suzuki M, et al: Studies on the accessory factor for Toxoplasma dye test. Guinea pig serum as a source of the accessory factor. *Jap J Med Sci Biol* 22:327-36, Oct 69  
AGE FACTORS/ ANTICOAGULANTS,  
pharmacodynamics/ COMPLEMENT/  
ERYTHROCYTES/ FEMALE/ GUINEA PIGS/  
HUMAN/ \*IMMUNE SERUMS/ MALE/  
METHYLENE BLUE/ SHEEP/ \*STAINS AND
- STAINING/ SWINE/ \*TOXOPLASMA,  
immunology
3256. Kobayashi Y, Nagai K, Tachibana N: Purification of complement-fixing antigens of Rickettsia orientalis by ether extraction. *Amer J Trop Med* 18:942-52, Nov 69  
\*ANTIGENS, isolation & purification/  
COMPLEMENT FIXATION TESTS/ ETHYL  
ETHER/ FREEZE DRYING/ HEAT/ IMMUNE  
SERUMS/ IMMUNOCHEMISTRY/ METHODS/  
PERIODIC ACIDS/ \*RICKETTSIA,  
immunology/ SCRUB TYPHUS, immunology/  
SOLUBILITY/ TRYPSIN, pharmacodynamics
3257. Kobilková J, Fabián E, Sponarová J: Ovariální hormon a aktivita lipolytických enzymů. *Cesk Gynek* 34:586-9, Dec 69 (Cze)  
ANDROGENS, pharmacodynamics/ ENGLISH  
ABSTRACT/ ESTERASES, blood/ ESTROGENS,  
pharmacodynamics/ \*FATS, metabolism/  
FEMALE/ HEPARIN, pharmacodynamics/  
HUMAN/ \*LIPOPROTEIN LIPASE, blood/  
TESTOSTERONE, pharmacodynamics/ VAGINA,  
cytology
3258. Koblov LF: Isslevovanie funktsional'nykh svoistv trombositov u bol'nykh rakom legkogo na pribore "ERM-1". *Vop Onkol* 15:98-9, 1969 (Rus)  
\*BLOOD PLATELETS/ DIAGNOSIS,  
DIFFERENTIAL/ \*EMPHYSEMA, blood/ HUMAN/  
\*LUNG ABSCESS, blood/ \*LUNG  
NEOPLASMS, blood
3259. Koblov LF: Laboratornye pribory dlia kontrolya za gipoliperkkoagulatsiei. *Lab Delo* 8:493-6, 1969 (Rus)  
\*BLOOD COAGULATION TESTS,  
instrumentation
3260. Koch GL, Shaw DC, Gibson F: Studies on the subunit structure of chorismate mutase-prephenate dehydrogenase from Aerobacter aerogenes. *Biochim Biophys Acta* 212:387-95, 16 Sep 70  
\*AEROBACTER AEROGENES, enzymology/  
DETERGENTS/ ELECTROPHORESIS/  
METHIONINE, analysis/ MOLECULAR  
WEIGHT/ NAPHTHALENES/ PEPTIDES,  
analysis/ PROTEIN DENATURATION/  
SULFONIC ACIDS/ SULFURIC ACIDS/  
TRYPSIN/ UREA
3261. Koch-Weser J: Potentiation by glucagon of the hypoprothrombinemic action of warfarin. *Ann Intern Med* 72:331-5, Mar 70  
AGED/ \*CORONARY DISEASE, drug therapy/  
DEPRESSION, CHEMICAL/ \*DRUG  
SYNERGISM/ FEMALE/ \*GLUCAGON,  
therapeutic use/ HUMAN/ LIVER, metabolism/  
MALE/ MIDDLE AGE/ PROTHROMBIN TIME/  
\*PULMONARY EMBOLISM, drug therapy/  
RECEPTORS, DRUG/ WARFARIN,  
administration & dosage/ \*WARFARIN,  
therapeutic use
3262. Kochnev OS, Volkov VE: Lechenie ostrykh pankreatitov antifermentami. *Klin Med (Moskva)* 47:60-3, Apr 69 (Rus)  
ACUTE DISEASE/ ADULT/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ MALE/ \*PANCREATITIS,  
drug therapy
3263. Kocsard E, Ofner F, D'Abrera VS: The phlebotasias of old age--incidence and diagnostic importance. *J Amer Geriatr Soc* 18:31-8, Jan 70  
AGED/ \*AGING/ ANGIOKERATOMA,  
complications/ \*ANGIOKERATOMA,  
occurrence/ FACTOR ANALYSIS,  
STATISTICAL/ HEMANGIOMA, complications/  
\*HEMANGIOMA, occurrence/ HUMAN/ MALE/  
MIDDLE AGE/ MOUTH DISEASES,  
complications/ MOUTH DISEASES, occurrence/  
SCROTUM/ VARICOSE VEINS, complications/  
\*VARICOSE VEINS, occurrence/ VENOUS  
PRESSURE
3264. Koenig R, Stegemann H, Francksen H, et al: Protein subunits in the potato virus X group. Determination of the molecular weights by polyacrylamide electrophoresis.



## AUTHOR SECTION

- Biochim Biophys Acta 207:184-9, 28 Apr 70  
 DETERGENTS/ ELECTROPHORESIS/  
 IMMUNOELECTROPHORESIS/ MOLECULAR  
 WEIGHT/ \*PLANT VIRUSES, analysis/  
 SOLVENTS/ SULFURIC ACIDS/ TRYPSIN/  
 ULTRACENTRIFUGATION/ VIBRATION/  
 \*VIRAL PROTEINS, analysis
3265. Koepke JA: The 1969 survey of prothrombin time.  
 Amer J Clin Path 54:502-7, Sep 70  
 AUTOANALYSIS/ LABORATORIES, standards/  
 METHODS/ \*PROTHROMBIN TIME/  
 THROMBOPLASTIN, standards
3266. Kofoed JA, Bozzini CE, Tocci AA: The concentration  
 and synthesis of glycosaminoglycans in the skin and  
 tracheal cartilage of normal and orchidectomized rats  
 injected with testosterone.  
 Acta Endocr (Kobenhavn) 63:193-8, Feb 70  
 ANIMAL EXPERIMENTS/ CARBON  
 ISOTOPES/ \*CARTILAGE, analysis/  
 CHONDROITIN, analysis/ CHONDROITIN,  
 biosynthesis/ GLYCOPROTEINS, analysis/  
 GLYCOPROTEINS, biosynthesis/ HEPARIN,  
 analysis/ HEPARIN, biosynthesis/  
 HYALURONIC ACID, analysis/ HYALURONIC  
 ACID, biosynthesis/ MALE/  
 \*MUCOPOLYSACCHARIDES, analysis/  
 \*MUCOPOLYSACCHARIDES, biosynthesis/  
 RATS/ \*SKIN, analysis/ TESTIS, physiology/  
 \*TESTOSTERONE, pharmacodynamics/  
 TRACHEA
3267. Koh TY: Intestinal absorption of heparin.  
 Canad J Biochem 47:951-4, Oct 69  
 ANIMAL EXPERIMENTS/ BLOOD  
 COAGULATION TESTS/ DIMETHYL  
 SULFOXIDE, pharmacodynamics/ FEMALE/  
 HEPARIN, administration & dosage/  
 \*HEPARIN, metabolism/ INJECTIONS/  
 \*INTESTINAL ABSORPTION, drug effects/  
 JEJUNUM, metabolism/ JEJUNUM, physiology/  
 MALE/ RABBITS/ STIMULATION,  
 CHEMICAL/ \*SULFONES, pharmacodynamics/  
 \*SULFOXIDES, pharmacodynamics/ TIME  
 FACTORS
3268. Köhler M, Schoop W, Martin M: Das  
 Elektrokardiogramm vor und nach  
 Streptokinase-Therapie chronischer  
 Arterienobliterationen.  
 Z Kreislaufforsch 58:1154-62, Nov 69 (Ger)  
 ADULT/ AGED/ \*ARTERIES/  
 \*ELECTROCARDIOGRAPHY/ ENGLISH  
 ABSTRACT/ FEMALE/ HUMAN/ MALE/  
 MIDDLE AGE/ \*STREPTOKINASE, therapeutic  
 use/ \*THROMBOSIS, drug therapy/  
 THROMBOSIS, physiopathology/ VASCULAR  
 DISEASES, drug therapy/ VASCULAR  
 DISEASES, physiopathology
3269. Köhnlein HE: Versuch der Verlängerung des  
 Überlebens von Hautomtransplantaten durch  
 Trasylolbehandlung.  
 Langenbecks Arch Chir 325:295-7, 1969 (Ger)  
 ANIMAL EXPERIMENTS/ ENGLISH  
 ABSTRACT/ HISTOCOMPATIBILITY/  
 \*KALLIKREIN-TRYPSIN INACTIVATOR,  
 therapeutic use/ MICE/ \*SKIN,  
 transplantation/ TIME FACTORS/  
 TRANSPLANTATION, HOMOLOGOUS/  
 \*TRANSPLANTATION IMMUNOLOGY
3270. Kolda M, Lai CY, Horecker BL: Subunit structure of  
 rabbit muscle aldolase: extent of homology of the  
 alpha and beta subunits and age-dependent changes in  
 their ratio. Arch Biochem 134:623-31, Nov 69  
 AGING/ \*ALDOLASE/ AMINO ACIDS,  
 analysis/ ANIMAL EXPERIMENTS/ BROMINE/  
 CARBOXYPEPTIDASES/ CHROMATOGRAPHY,  
 DEAE-CELLULOSE/ CYANIDES/  
 ELECTROPHORESIS, DISK/ FEMALE/ GEL  
 FILTRATION/ HISTIDINE, analysis/ MALE/  
 MUSCLES, enzymology/ \*PEPTIDES, analysis/  
 RABBITS/ TRYPSIN/ TYROSINE, analysis/  
 UREA
3271. Kolda M, Lai CY, Horecker BL: Subunit structure of  
 rabbit muscle aldolase: extent of homology of the  
 alpha and beta subunits and age-dependent changes in  
 their ratio. Arch Biochem 134:623-31, Nov 69  
 AGING/ \*ALDOLASE/ AMINO ACIDS,  
 analysis/ ANIMAL EXPERIMENTS/ BROMINE/  
 CARBOXYPEPTIDASES/ CHROMATOGRAPHY,  
 DEAE-CELLULOSE/ CYANIDES/  
 ELECTROPHORESIS, DISK/ FEMALE/ GEL  
 FILTRATION/ HISTIDINE, analysis/ MALE/  
 MUSCLES, enzymology/ \*PEPTIDES, analysis/  
 RABBITS/ TRYPSIN/ TYROSINE, analysis/  
 UREA
3272. Koide A, Matsuoka Y: Studies on fin whale pancreatic  
 proteases. 3. Properties of purified fin whale anionic  
 chymotrypsin. J Biochem (Tokyo) 68:1-7, Jul 70  
 \*CETACEA, enzymology/ \*CHYMOTRYPSIN,  
 analysis/ CHYMOTRYPSIN, antagonists &  
 inhibitors/ ELECTROPHORESIS/  
 HYDROGEN-ION CONCENTRATION/  
 MOLECULAR WEIGHT/  
 ULTRACENTRIFUGATION
3273. Koide A, Matsuoka Y: Studies on fin whale pancreatic  
 proteases. II. Purification of the pancreatic proteases.  
 J Biochem (Tokyo) 66:541-8, Oct 69  
 ANIMAL EXPERIMENTS/ ARGININE/  
 CASEIN/ CATTLE/ \*CETACEA, analysis/  
 CHROMATOGRAPHY/ CHYMOTRYPSIN,  
 isolation & purification/ ELECTROPHORESIS,  
 DISK/ ENZYME ACTIVATION/ IONS/  
 \*PANCREAS, analysis/ \*PEPTIDE  
 HYDROLASES, isolation & purification/  
 TRYPSIN, isolation & purification/ TYROSINE
3274. Koide F: [Structure and multiplication mechanism of  
 reovirus]  
 Protein (Tokyo) 15:764-76, Jun 70 (65 ref.) (Jap)  
 CARBON ISOTOPES/ CENTRIFUGATION,  
 DENSITY GRADIENT/ CHEMISTRY,  
 PHYSICAL/ CHYMOTRYPSIN/  
 CYCLOHEXIMIDE, pharmacodynamics/  
 DACTINOMYCIN, pharmacodynamics/  
 ELECTROPHORESIS/ MICROSCOPY,  
 ELECTRON/ NUCLEOTIDES, metabolism/  
 PUROMYCIN, pharmacodynamics/ \*REOVIRUS/  
 \*REOVIRUS, growth & development/  
 REVIEW/ RIBONUCLEASE/ RNA  
 NUCLEOTIDYL- TRANSFERASES/ RNA,  
 VIRAL, analysis/ RNA, VIRAL, biosynthesis/  
 TRITIUM/ TRYPSIN/ VIRAL PROTEINS,  
 biosynthesis
3275. Kojima K, Nimi K, Yato T, et al: [Three cases of v.  
 Hippel disease]  
 Acta Soc Ophthal Jap 73:2633-48, Dec 69 (Jap)  
 ADOLESCENCE/ ADULT/ \*ANGIOMATOSIS/  
 ENGLISH ABSTRACT/ FEMALE/  
 \*FLUORESCINS/ \*FUNDUS OCULI/ HUMAN/  
 MALE/ \*PHOTOGRAPHY/ \*RETINA
3276. Kokeva RA, Zhuraviev VS: Issledovaniia  
 svertyvalushchei sistemy krovi u bol'nykh  
 makroglobulinemiei val'denstrema i mielomnoi  
 bolezn'iu. Probl Gemat 13:10-5, Jun 68 (Rus)  
 \*BLOOD COAGULATION/ BLOOD  
 COAGULATION TESTS/ ENGLISH  
 ABSTRACT/ FEMALE/ HUMAN/  
 \*MACROGLOBULINEMIA, blood/ MALE/  
 \*MULTIPLE MYELOMA, blood
3277. Kokhan EP, Khrushcheva EA, Zolotarevskii VA:  
 Izmenenie svertyvalushchei sistemy krovi pri  
 obliterirulushchem ateroskleroze sosudov nizhnikh  
 konechnostei. Lab Delo 8:455-8, 1969 (Rus)  
 AGED/ \*ARTERIOSCLEROSIS OBLITERANS,  
 blood/ \*BLOOD COAGULATION/ FEMALE/  
 HUMAN/ MALE/ MIDDLE AGE
3278. Kokhan EP, Zolotarevskii VA, Khrushcheva EA:  
 Izmenenie svertyvalushchei sistemy krovi pri  
 obliterirulushchem endarterite nizhnikh  
 konechnostei.  
 Khirurgiia (Moskva) 46:28-31, Jan 70 (Rus)  
 ADULT/ \*BLOOD COAGULATION/ BLOOD  
 COAGULATION TESTS/ \*ENDARTERITIS,  
 blood/ FEMALE/ HUMAN/ \*LEG, blood  
 supply/ MALE/ MIDDLE AGE
3279. Kokubu T, Akutsu H, Fujimoto S, et al: Purification and  
 properties of endopeptidase from rabbit red cells and  
 its process of degradation of angiotensin.



## AUTHOR SECTION

- Biochim Biophys Acta 191:668-76, 1969  
AMIDES/ AMIDOHYDROLASES, analysis/  
AMINO ACIDS, analysis/ AMMONIUM  
COMPOUNDS/ \*ANGIOTENSIN/  
ANGIOTENSINASE, analysis/  
ANGIOTENSINASE, isolation & purification/  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ BLOOD PRESSURE, drug effects/  
CASEIN/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CHROMATOGRAPHY,  
THIN LAYER/ ELECTROPHORESIS/  
\*ERYTHROCYTES, enzymology/ ESTERASES,  
analysis/ ESTERS/ GEL FILTRATION/  
METHODS/ \*PEPTIDE HYDROLASES, blood/  
PEPTIDE HYDROLASES, isolation &  
purification/ PRECIPITATION/ RABBITS/  
RATS/ SULFONIC ACIDS/ TOLUENE/  
TYROSINE/ VAGOTOMY
3280. Kokubu T, Hiwada K: [Renin inhibitors]  
Jap J Clin Med 28:561-74, 10 Mar 70 (38 ref.) (Jap)  
ANIMAL EXPERIMENTS/ BILE, analysis/  
HEPARIN, pharmacodynamics/ PEPTIDES,  
pharmacodynamics/ PHOSPHOLIPIDS, analysis/  
PHOSPHOLIPIDS, blood/ \*PHOSPHOLIPIDS,  
pharmacodynamics/ RATS/ \*RENIN,  
antagonists & inhibitors/ RENIN, blood/  
REVIEW
3281. Kolár J, Bek V, Janec J, et al: Scintigraphy and  
angiography in primary tumours of bones and joints.  
(Correlations, limits and possibilities).  
Neoplasma (Bratisl) 17:265-72, 1970  
ADOLESCENCE/ \*ANGIOGRAPHY/ BONE  
CYST, diagnosis/ \*BONE NEOPLASMS,  
diagnosis/ CHONDROMA, diagnosis/  
CHONDROSARCOMA, diagnosis/ CHORDOMA,  
diagnosis/ COMPARATIVE STUDY/  
FIBROSARCOMA, diagnosis/ GIANT CELL  
TUMORS, diagnosis/ GRANULOMA, diagnosis/  
HEMANGIOMA, diagnosis/ HUMAN/ \*JOINT  
DISEASES, diagnosis/ MALE/ NEOPLASM  
METASTASIS/ \*RADIOISOTOPE SCANNING/  
SARCOMA, EWING'S, diagnosis/ SARCOMA,  
OSTEOGENIC, diagnosis/ STRONTIUM  
ISOTOPES, diagnostic use/ SYNOVIOMA,  
diagnosis
3282. Köle H: Esperienze nella chirurgia del nervo facciale  
negli interventi chirurgici per emangiomi e  
linfangiomi cavernosi sottocutanei della guancia.  
Riv Ital Stomat 25:117-24, Feb 70 (Ita)  
ADULT/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ \*FACIAL NEOPLASMS, surgery/  
\*FACIAL NERVE, surgery/ \*HEMANGIOMA,  
CAVERNOUS, surgery/ HUMAN/  
\*LYMPHANGIOMA, surgery
3283. Köle H: Erfahrungen mit der Fazialschirurgie bei  
kavernösen subkutanen Hämangiomen und  
Lymphangiomen der Wange.  
Oest Z Stomat 67:202-6, Jun-Jul 70 (Ger)  
ADULT/ CHILD, PRESCHOOL/ \*FACIAL  
NERVE, surgery/ FEMALE/ \*HEMANGIOMA,  
CAVERNOUS, surgery/ HUMAN/ \*JAW  
NEOPLASMS, surgery/ \*LYMPHANGIOMA,  
surgery/ MALE
3284. Köle W: Erfahrungen mit der drainagelosen "idealen"  
Cholecystektomie.  
Langenbecks Arch Chir 324:307-14, 4 Nov 69 (Ger)  
ADHESIONS, prevention & control/  
\*CHOLECYSTECTOMY/ CHOLECYSTITIS,  
surgery/ CHOLELITHIASIS, surgery/  
DRAINAGE/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MALE/ METHODS/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control
3285. Kolesnikov IuN, Protchenko VA, Spitsin IF:  
Fermentativnye svdigi v kishechnom soke i krovi  
sobak pri eksperimental'nykh narusheniakh funktsii  
organov pishchevarenia.  
Pat Fiziol Eksp Ter 11:25-30, Jul-Aug 67 (Rus)  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH  
ABSTRACT/ ENZYMES, blood/ \*INTESTINAL  
SECRETIONS/ \*INTESTINE, SMALL,  
enzymology/ INTESTINE, SMALL, secretion/  
\*LIPASE, secretion/ PANCREAS, secretion/  
PANCREATIC JUICE, secretion/ \*PEPTIDE  
HYDROLASES, secretion
3286. Kolínská J, Oppelt A, Ših K, et al: Klinische  
Erfahrungen der Therapie von lateralen  
Hämangiomen durch Applikatoren mit radioaktivem  
Phosphor.  
Radiobiol Radiother (Berlin) 11:35-40, 1970 (Ger)  
ADULT/ CHILD/ ENGLISH ABSTRACT/  
FACIAL NEOPLASMS, radiotherapy/  
FEMALE/ \*HEMANGIOMA, radiotherapy/  
HUMAN/ MALE/ \*PHOSPHORUS ISOTOPES,  
administration & dosage/ PHOSPHORUS  
ISOTOPES, adverse effects/  
RADIOAUTOGRAPHY/ \*SKIN NEOPLASMS,  
radiotherapy
3287. Koller F: Klinische Beurteilung der Anticoagulantien.  
Internist (Berlin) 10:8-15, Jan 69 (35 ref.) (Ger)  
ANGINA PECTORIS, drug therapy/  
ANTICOAGULANTS, administration & dosage/  
ANTICOAGULANTS, adverse effects/  
\*ANTICOAGULANTS, therapeutic use/ DRUG  
ANTAGONISM/ DRUG SYNERGISM/ FEMALE/  
HEMORRHAGE, etiology/ HUMAN/ MALE/  
MYOCARDIAL INFARCT, drug therapy/  
MYOCARDIAL INFARCT, mortality/  
PHENYLBUTAZONE, pharmacodynamics/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ REVIEW/  
THROMBOEMBOLISM, mortality/  
\*THROMBOEMBOLISM, prevention & control/  
TIME FACTORS
3288. Kolushchinskaya RF, Shanin IuA:  
Morfo-gistokhimicheskaya kharakteristika obolochek  
glaza porosiat pri subkon'iunktival'nom vvedenii  
razlichnykh doz fibrinolizina.  
Vestn Oftal 80:79-81, 1967 (Rus)  
ANIMAL EXPERIMENTS/ \*CONJUNCTIVA,  
drug effects/ \*CORNEA, drug effects/  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS,  
pharmacodynamics/ HISTOCYTOCHEMISTRY/  
\*RETINA, drug effects/ \*SCLERA, drug  
effects/ SWINE/ \*UVEA, drug effects
3289. Komarov LS, Shul'man KM: Problema travmy krovi pri  
rabote implantiruемого iskusstvennogo serdtsa.  
Grudn Khir 12:87-91, May-Jun 70 (76 ref.) (Rus)  
\*ANEMIA, etiology/ ANIMAL EXPERIMENTS/  
BLOOD FLOW VELOCITY/ DOGS/  
ERYTHROCYTES, cytology/ \*HEART,  
ARTIFICIAL, adverse effects/ HEART VALVE  
PROSTHESIS/ HEMATOCRIT/  
HEMATOPOIESIS/ \*HEMOLYSIS/ HUMAN/  
LEUKOCYTOSIS/ REVIEW/ THROMBOPENIA
3290. Komarova IA: Pokazateli svertyvalushchei i  
antisvertyvalushchei sistemy pod vliyaniem lechenia  
proteoliticheskimi fermentami bol'nykh s  
khronicheskimi nespetsificheskimi protsessami v  
legkikh. Ter Arkh 41:84-6, Mar 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOGEN, analysis/ FIBRINOLYSIS/  
\*HEPARIN, blood/ HUMAN/ \*LUNG  
DISEASES, blood/ LUNG DISEASES, drug  
therapy/ MALE/ MIDDLE AGE/ \*PEPTIDE  
HYDROLASES, therapeutic use
3291. Komatsu A, Asaga H, Miyao K, et al: [Fibrinolysis in  
nose and paranasal sinus diseases. 1. Blood and nasal  
secretion] J Otolaryng Jap 72:314-5, 20 Feb 69 (Jap)  
\*FIBRINOLYSIS/ HUMAN/ \*NOSE, secretion/  
RHINITIS, blood/ RHINITIS, physiopathology/  
SINUSITIS, blood/ \*SINUSITIS,  
physiopathology
3292. Komi N: [Acute abdomen in a child--diagnosis and  
diagnostic errors]  
Shujutsu 24:1024-36, Aug 70 (53 ref.) (Jap)  
\*ABDOMEN, ACUTE, diagnosis/ ABDOMEN,  
ACUTE, surgery/ ANGIOMATOSIS, diagnosis/  
BONE DISEASES, diagnosis/ CHILD/ CHILD,  
PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/  
DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/  
INFANT/ INFANT, NEWBORN/ INFANT,  
NEWBORN, DISEASES, diagnosis/  
INTESTINAL OBSTRUCTION, diagnosis/



# AUTHOR SECTION

- MALE/ PANCREATITIS, diagnosis/  
PERITONITIS, diagnosis/ REVIEW
3293. Komi N, Takahashi K, Suzuki N: [Klippel-Trenaunay syndrome and acute abdomen--surgical success in the case with hemorrhage from omental angioma] Shujutsu 24:485-91, Apr 70 (Jap)  
\*ABDOMEN, ACUTE, complications/  
\*ANGIOMATOSIS, complications/  
\*ANGIOMATOSIS, surgery/ CASE REPORT/  
CHILD/ FEMALE/ HEMOPERITONEUM,  
etiology/ \*HEMOPERITONEUM, surgery/  
HUMAN/ \*OMENTUM/ \*PERITONEAL  
NEOPLASMS, complications
3294. Komi N, Takahashi K, Suzuki S: Klippel-Trenaunay syndrome, omental hemangioma with hemorrhage. Bull Tokyo Med Dent Univ 17:1-7, Mar 70  
ABDOMEN, ACUTE, etiology/  
\*ANGIOMATOSIS, complications/ BONE  
DISEASES/ CASE REPORT/ CHILD/  
FEMALE/ \*HEMANGIOMA, complications/  
HEMANGIOMA, pathology/ HEMANGIOMA,  
surgery/ \*HEMORRHAGE, complications/  
HUMAN/ \*OMENTUM/ \*PERITONEAL  
NEOPLASMS, complications/ PERITONEAL  
NEOPLASMS, pathology/ PERITONEAL  
NEOPLASMS, surgery
3295. Komínek J, Rozkocová E, Hrodek O: Zkušenosti při stomatologickém ošetřování dvaceti sedmi hemofiliků. Cesk Pediat 25:239-41, May 70 (Cze)  
BLOOD PLATELETS/ CHILD/ ENGLISH  
ABSTRACT/ \*HEMOPHILIA, complications/  
HEMORRHAGE, ORAL, etiology/  
\*HEMORRHAGE, ORAL, therapy/  
HEMOSTASIS/ HUMAN/ SEROTHERAPY/  
\*TOOTH EXTRACTION
3296. Kommerell B, Barth P: Beziehungen zwischen Plättchenfaktor 3 und Adenosindiphosphat und dem Kontaktaktivierungsprodukt des Gerinnungssystems. Blut 20:31-6, Jan 70 (Ger)  
\*ADENINE NUCLEOTIDES, metabolism/  
\*BLOOD COAGULATION/ \*BLOOD  
COAGULATION FACTORS, physiology/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
metabolism/ BUFFERS/ ENGLISH ABSTRACT/  
HUMAN/ \*LIPOPROTEINS, metabolism/  
SURFACE-ACTIVE AGENTS
3297. Komp DM, Donaldson MH: Sepsis in leukemia and the Schwartzman reaction. Amer J Dis Child 119:114-6, Feb 70  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION TESTS/ CHILD/  
HUMAN/ \*LEUKEMIA, complications/  
\*SEPTICEMIA, etiology/ \*SHWARTZMAN  
PHENOMENON
3298. Komp DM, Nolan SP, Carpenter MA: Open-heart surgery in a patient with von Willebrand's disease. J Thorac Cardiovasc Surg 59:225-30, Feb 70  
ANGIOGRAPHY/ BLOOD COAGULATION  
TESTS/ BLOOD TRANSFUSION/ CHILD/  
FACTOR VIII, analysis/ FACTOR VIII,  
therapeutic use/ \*HEART SURGERY/  
HUMAN/ MALE/ PLATELET ADHESIVENESS/  
PREOPERATIVE CARE/ PULMONARY VALVE  
STENOSIS, radiography/ \*PULMONARY  
VALVE STENOSIS, surgery/ VON  
WILLEBRAND'S DISEASE, drug therapy/  
\*VON WILLEBRAND'S DISEASE, surgery
3299. Komp DM, Sparrow AW: Polycythemia in cyanotic heart disease--a study of altered coagulation. J Pediat 76:231-6, Feb 70  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ CHILD, PRESCHOOL/  
FACTOR V, analysis/ FACTOR VIII, analysis/  
FIBRINOGEN, analysis/ \*HEART DEFECTS,  
CONGENITAL, blood/ HEART DEFECTS,  
CONGENITAL, complications/ HEMATOCRIT/  
HUMAN/ POLYCYTHEMIA, complications/  
\*POLYCYTHEMIA, etiology
3300. Komp DM, Sparrow AW: Bleeding after cardiac catheterization. New Eng J Med 281:1246, 27 Nov 69  
BLOOD COAGULATION, drug effects/  
\*BLOOD COAGULATION DISORDERS,  
etiology/ \*HEART CATHETERIZATION,  
adverse effects/ HEMORRHAGIC DIATHESIS,  
etiology/ HEPARIN, pharmacodynamics/  
HUMAN
3301. Komp DM, Sparrow AW: Quantitation of second fibrinolysis in cyanotic heart disease. J Pediat 77:679-82, Oct 70  
CHILD/ CHILD, PRESCHOOL/ \*CYANOSIS,  
blood/ \*FIBRINOGEN, analysis/ HEART  
CATHETERIZATION/ \*HEART DISEASES,  
blood/ HEMAGGLUTINATION INHIBITION  
TESTS/ HEMATOCRIT/ HUMAN/  
PULMONARY HEART DISEASE, blood
3302. Kon S, Koyano M, Sakamoto M: [Fibrinolysis in burn and cicatricial keloid of burns] Jap J Clin Path 18:550-62, Aug 70 (J)  
ADOLESCENCE/ ADULT/ AGED/ BURNS,  
complications/ \*BURNS, physiopathology/  
CHILD/ CHILD, PRESCHOOL/ FEMALE/  
FIBRIN FILM AND FOAM/ \*FIBRINOLYSIS  
HUMAN/ INFANT/ KELOID, etiology/  
\*KELOID, physiopathology/ MALE/ MIDDLE  
AGE/ SHOCK, TRAUMATIC, physiopathology
3303. Kon S, Yasukouchi T, Kawauchi F, et al: [Marfan cryofibrinogenemia in a patient with acute promyelocytic leukemia] Saishin Igaku 25:1605-17, 10 Jul 70 (J)  
ADOLESCENCE/ BLOOD PROTEIN  
DISORDERS, complications/ BLOOD PROTEIN  
ELECTROPHORESIS/ CASE REPORT/ \*COL  
\*FIBRINOGEN/ HUMAN/  
IMMUNOELECTROPHORESIS/ \*LEUKEMIA,  
MYELOBLASTIC, complications/ LEUKEMIA,  
MYELOBLASTIC, pathology/ \*LEUKEMIA,  
MYELOCYTIC, complications/ LEUKEMIA,  
MYELOCYTIC, pathology/ MALE/  
MICROSCOPY, ELECTRON
3304. Koncz J, Kirchhoff PG, Köstering H: Die Soforttherapie beim embolischen arteriellen Gefäßverschluss. Z Allgemeinmed 45:1470-6, 10 Nov 69 (G)  
\*ARTERIES, surgery/ EMBOLISM, drug  
therapy/ \*EMBOLISM, surgery/  
FIBRINOLYTIC AGENTS, therapeutic use/  
HUMAN
3305. Kondi V, Mitrica N: Le phénomène d'inhibition l'aggrégation plaquettaire par l'ADP extrinsèque. Technique possible de dépistage des anticoagulants antiplaquettaires (note préliminaire) Rev Franc Transfus 13:99-103, Mar 70 (C)  
\*ADENINE NUCLEOTIDES, diagnostic use/  
ANTIBODIES, analysis/ \*BLOOD PLATELET  
physiopathology/ ENGLISH ABSTRACT/  
HUMAN/ METHODS/ THROMBOPENIA, diagnosis  
\*THROMBOPENIA, diagnosis
3306. Kondlienko AG, Kolodzeiskaya MV: Lechenie proteoliticheskimi fermentami bol'nykh nespetsificheskimi zabolevaniami legkikh. Vrach Delo 1:82-5, Jan 69  
ACUTE DISEASE/ ADULT/ AGED/  
BRONCHIECTASIS, drug therapy/  
\*CHYMOTRYPSIN, therapeutic use/ ENGL  
ABSTRACT/ FEMALE/ HUMAN/  
INFLAMMATION/ LUNG ABSCESS, drug  
therapy/ \*LUNG DISEASES, drug therapy/  
MALE/ MIDDLE AGE/ PNEUMONIA, drug  
therapy/ \*TRYPSIN, therapeutic use
3307. Kondo H, Kondo S, Murata R, et al: Antigenic Clostridium botulinum type-E formal toxin. Jap J Med Sci Biol 22:75-85, Apr 69  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS, analysis/ ANTITOXINS/  
BOTULINUM TOXIN/ CATTLE/ CLINICAL  
RESEARCH/ \*CLOSTRIDIUM BOTULINUM  
immunology/ COMPARATIVE STUDY/  
FORMALDEHYDE/ GEL FILTRATION/  
GUINEA PIGS/ HUMAN/ IMMUNIZATION  
INJECTIONS, INTRAPERITONEAL/  
INJECTIONS, SUBCUTANEOUS/ MICE/  
NITROGEN, analysis/ PROTEINS, analysis/  
RABBITS/ TIME FACTORS/ \*TOXOIDS/



## AUTHOR SECTION

- TOXOIDS, analysis/ TRYPSIN/  
ULTRACENTRIFUGATION
08. Kondo M: Studies on the kallikrein-like substances, kininases and kallikrein inhibitors in the rabbit's organs. *Mie Med J* 18:235-41, Jan 69  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
ASSAY/ BRAIN, enzymology/  
\*CARBOXYPEPTIDASES/ FEMALE/  
GASTROINTESTINAL SYSTEM, enzymology/  
GEL FILTRATION/ GUINEA PIGS/  
\*HEMODYNAMICS, drug effects/  
\*KALLIKREIN, analysis/  
\*KALLIKREIN-TRYPSIN INACTIVATOR/  
KIDNEY, enzymology/ KININS/ LUNG,  
enzymology/ MALE/ MUSCLES, enzymology/  
MYOCARDIUM, enzymology/ RABBITS/  
SPLEEN, enzymology
09. Kondo S: Experimental studies on the chemotherapy of open fracture (2). The distribution of kanamycin (2'-amino-2'-deoxy kanamycin) concentrations in the blood and in fracture hematoma.  
*Bull Osaka Med Sch* 15:127-36, Oct 69  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS,  
analysis/ \*BLOOD CHEMICAL ANALYSIS/  
BONE MARROW, analysis/  
ELECTROKYMOGRAPHY/ FRACTURES, drug  
therapy/ \*HEMATOMA, drug therapy/ MALE/  
RABBITS
10. Kondo S, Endo O, Nakagawa H: [Case of hemangioma of the upper extremity]  
*Orthop Surg (Tokyo)* 20:1236-8, Oct 69 (Jap)  
ADULT/ \*BONE NEOPLASMS/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS/ HUMAN/  
\*ULNA
11. Kondo S, Ozaki J: [Case of hemangioendothelioma originating from the soft tissue of the knee joint]  
*Orthop Surg (Tokyo)* 20:1582-5, Dec 69 (Jap)  
ADULT/ \*HEMANGIOENDOTHELIOMA/  
HEMANGIOENDOTHELIOMA, pathology/  
HUMAN/ \*KNEE JOINT/ MALE
12. Kondo SI, Kawamura K, Iwanaga J, et al: Isolation and characterization of leupeptins produced by *Actinomycetes*.  
*Chem Pharm Bull (Tokyo)* 17:1896-901, Sep 69  
\*ANTIFIBRINOLYTIC AGENTS, isolation &  
purification/ CULTURE MEDIA/  
\*STREPTOMYCETES, analysis
13. König A, Meyer A, Thiele U: Die akute antidiuretische Aktivität der Epiphyse cerebri von Wistar-Ratten.  
*Endokrinologie* 55:353-8, 1970 (Ger)  
ANIMAL EXPERIMENTS/ \*BIOLOGICAL  
PRODUCTS, pharmacodynamics/  
CHYMOTRYPSIN, pharmacodynamics/  
DEPRESSION, CHEMICAL/ \*DIURESIS, drug  
effects/ ENGLISH ABSTRACT/ FEMALE/  
MALE/ \*PINEAL BODY, physiology/ RATS/  
\*SEROTONIN, pharmacodynamics/ TISSUE  
EXTRACTS, pharmacodynamics/ TRYPSIN,  
pharmacodynamics/ VASOPRESSIN, antagonists  
& inhibitors/ \*VASOPRESSIN,  
pharmacodynamics
14. König J: Presomen. *Cas Lek Cesk* 109:95, Jan 70 (Cze)  
CAPILLARIES, drug effects/ HEMORRHAGE,  
drug therapy/ \*HEMOSTATICS, therapeutic  
use/ HUMAN
15. Königsberg W, Maita T, Katze J, et al: Amino-acid sequence of the "Qbeta" coat protein.  
*Nature (London)* 227:271-3, 18 Jul 70  
\*AMINO ACID SEQUENCE/  
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/  
\*COLIPHAGES/ NUCLEOTIDES, analysis/  
PEPTIDE PEPTIDOHYDROLASES/ RNA,  
VIRAL, analysis/ THIOCARBAMATES/ \*VIRAL  
PROTEINS, analysis
06. Konijn AM, Biek Y, Guggenheim K: Pancreatic enzyme pattern in rats as affected by dietary soybean flour.  
*J Nutr* 100:361-8, Mar 70  
AMYLASE, metabolism/ ANIMAL  
EXPERIMENTS/ CARBOXYPEPTIDASES/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHYMOTRYPSIN, isolation & purification/  
CHYMOTRYPSIN, metabolism/ DIET/  
ENZYME PRECURSORS, metabolism/  
ESTERASES, metabolism/ FASTING/ FLOUR/  
GEL FILTRATION/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ \*HYDROLASES,  
metabolism/ LIPASE, metabolism/ MALE/  
\*PANCREAS, enzymology/ PANCREOZYMIN,  
pharmacodynamics/ PEPTIDE HYDROLASES,  
metabolism/ RATS/ \*SOY BEANS/ TRYPSIN,  
metabolism/ TRYPSINOGEN, isolation &  
purification/ TRYPSINOGEN, metabolism
3317. Konijn AM, Birk Y, Guggenheim K: In vitro synthesis of pancreatic enzymes: effect of soybean trypsin inhibitor. *Amer J Physiol* 218:1113-7, Apr 70  
\*AMYLASE, biosynthesis/ ANIMAL  
EXPERIMENTS/ CARBON ISOTOPES/  
\*CHYMOTRYPSIN/ \*ENZYME PRECURSORS,  
biosynthesis/ IN VITRO/ MALE/ PANCREAS,  
drug effects/ PANCREAS, enzymology/  
\*PANCREAS, metabolism/ RATS/ \*SOY  
BEANS/ STIMULATION, CHEMICAL/  
\*TRYPSIN INHIBITORS, pharmacodynamics/  
\*TRYPSINOGEN, biosynthesis/ VALINE,  
metabolism
3318. Konlukhov SG, Tarasova LN: Prigotovlenie iz geterogennoi krovi novogo reaktivnogo kontrolnogo antikoagulantno-iterapii. *Lab Delo* 8:490-3, 1969 (Rus)  
\*ANTICOAGULANTS, therapeutic use/  
\*BLOOD COAGULATION TESTS/ HUMAN
3319. Kono N, Umetsu R, Matsuzaki S: [The relationship between exercise and fibrinolytic enzyme system. 3. Changes of urinary sediments in relation to blood clotting system influenced by exercise]  
*Jap J Urol* 61:193-205, Feb 70 (Jap)  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ ERYTHROCYTES/ \*EXERTION/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
PROTEINURIA/ \*URINE, analysis
3320. Kono T: Destruction and restoration of the insulin effector system of isolated fat cells.  
*J Biol Chem* 244:5777-84, 10 Nov 69  
ADIPOSE TISSUE, cytology/ ADIPOSE  
TISSUE, drug effects/ ADIPOSE TISSUE,  
enzymology/ \*ADIPOSE TISSUE, metabolism/  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
TRANSPORT/ CATTLE/ CORTICOTROPIN/  
CYCLOHEXIMIDE, pharmacodynamics/  
DEPRESSION, CHEMICAL/ EPIDIDYMIS/  
EPINEPHRINE/ GLUCAGON/ GLUCOSE,  
metabolism/ \*INSULIN/ INSULIN,  
pharmacodynamics/ LACTATE  
DEHYDROGENASE, metabolism/ LIPIDS,  
metabolism/ MALATE DEHYDROGENASE,  
metabolism/ MALE/ PLANTS/ PUROMYCIN,  
pharmacodynamics/ RATS/ RECEPTORS,  
DRUG/ \*SERUM ALBUMIN, BOVINE/  
STIMULATION, CHEMICAL/ TIME FACTORS/  
\*TRYPSIN, pharmacodynamics/ TRYPSIN  
INHIBITORS
3321. Kono Y, Isobe J, Yamanaka M: [A platelet aggregometer] *Jap J Clin Path* 17:943-6, Dec 69 (Jap)  
\*BLOOD COAGULATION TESTS,  
instrumentation/ \*BLOOD PLATELETS
3322. Kontras SB, Bodenbender JG, Craenen J, et al: Hyperviscosity in congenital heart disease.  
*J Pediatr* 76:214-20, Feb 70  
ADOLESCENCE/ \*BLOOD VISCOSITY/  
BLOODLETTING/ CHILD/ FEMALE/ \*HEART  
DEFECTS, CONGENITAL, blood/ HEART  
SEPTAL DEFECTS, VENTRICULAR, blood/  
HEMATOCRIT/ HEMATOLOGIC DISEASES,  
therapy/ HUMAN/ INFANT, NEWBORN
3323. Konturek S: Nowe metody badania wydzielania trzustkowego.  
*Wlad Lek* 23:1311-6, 1 Aug 70 (11 ref.) (Pol)  
AMYLASE, analysis/ BICARBONATES,  
secretion/ ENZYME TESTS/ FECES, analysis/  
HUMAN/ INTESTINAL ABSORPTION/ IODINE  
ISOTOPES, analysis/ METHODS/ PANCREAS,  
enzymology/ \*PANCREAS, secretion/  
\*PANCREATIC JUICE, secretion/



# AUTHOR SECTION

- PANCREOZYMIN, secretion/ REVIEW/  
SECRETIN, metabolism/ TRYPSIN, analysis
3324. Konuralp HZ, Uras A, Altug K, et al: Renal  
angiomylipoma: report of 2 cases.  
J Urol 104:47-9, Jul 70  
ADULT/ AGED/ FEMALE/ \*HEMANGIOMA,  
diagnosis/ HEMANGIOMA, pathology/  
HEMANGIOMA, radiography/ HUMAN/  
\*KIDNEY NEOPLASMS, diagnosis/ KIDNEY  
NEOPLASMS, pathology/ KIDNEY  
NEOPLASMS, radiography/ \*LIPOMA,  
diagnosis/ LIPOMA, pathology/ LIPOMA,  
radiography/ UROGRAPHY
3325. Kook AI, Eckhaus AS, Rubinstein D: The dissociation in  
vitro of the alpha- and beta-lipoprotein components of  
human and rat very low density lipoproteins.  
Canad J Biochem 48:712-24, Jun 70  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENIC DETERMINANTS/ CHEMISTRY/  
DIALYSIS/ ELECTROPHORESIS/ GEL  
DIFFUSION TESTS/ HEPARIN,  
pharmacodynamics/ HUMAN/ IMMUNE  
SERUMS/ IMMUNOELECTROPHORESIS/ IN  
VITRO/ LIPOPROTEINS, analysis/  
\*LIPOPROTEINS, isolation & purification/  
PAPER/ PRECIPITATION/ RATS
3326. Koos WT, Sunder-Plassmann M, Salah S: Successful  
removal of a large intrapontine hematoma. Case  
report. J Neurosurg 31:690-4, Dec 69  
CHILD/ FEMALE/ HEMATOMA, diagnosis/  
HEMATOMA, etiology/ \*HEMATOMA, surgery/  
HUMAN/ NEUROLOGIC MANIFESTATIONS/  
\*PONS, surgery
3327. Kopp H, Janz B, Knaust K: Zur Wahrscheinlichkeit  
eines Blutschadens durch Chloramphenicol.  
Osped Psichiat 37:764 passim, Jul-Sep 69 (Ger)  
ADULT/ \*BLOOD, drug effects/ BLOOD CELL  
COUNT/ BLOOD PLATELETS, drug effects/  
\*CHLORAMPHENICOL, adverse effects/  
ERYTHROCYTE COUNT/ FEMALE/  
HEMOGLOBIN, analysis/ HUMAN/ MALE/  
MIDDLE AGE
3328. Kopp H, Janz B, Knaust K: Zur Wahrscheinlichkeit  
eines Blutschadens durch Chloramphenicol.  
Ther Gegenw 108:764 passim, May 69 (Ger)  
ADULT/ \*BLOOD, drug effects/ BLOOD CELL  
COUNT/ BLOOD PLATELETS, drug effects/  
\*CHLORAMPHENICOL, adverse effects/  
ERYTHROCYTE COUNT/ FEMALE/  
HEMOGLOBIN, analysis/ HUMAN/ MALE/  
MIDDLE AGE
3329. Kopp WK, Kresberg H: Hemangiopericytoma of the lip.  
A case report. New York Dent J 36:409-10, Aug-Sep 70  
ADULT/ CASE REPORT/  
\*HEMANGIOPERICYTOMA/ HUMAN/ \*LIP  
NEOPLASMS/ MALE
3330. Kopyś Z, Izmałowicz I: Mieszana postać dysplazji  
neuro-ekto-mezodermalnej o cechach zespołu  
Sturge-Webera i Klippel-Trenaunaya.  
Wiad Lek 23:575-9, 1 Apr 70 (Pol)  
\*ANGIOMATOSIS/ \*BONE DISEASES/ BRAIN,  
pathology/ CASE REPORT/ ENGLISH  
ABSTRACT/ GLAUCOMA, complications/  
HEMANGIOMA, complications/ HUMAN/  
INFANT/ MALE/ NEUROLOGIC  
MANIFESTATIONS
3331. Korczak K, Samek D: Pomiar ciśnienia tętniczego krwi i  
czynności oddechowej przy pomocy czujników  
mechano-elektronowych.  
Acta Physiol Pol 21:599-609, Jul-Aug 70 (Pol)  
ANIMAL EXPERIMENTS/ \*BLOOD PRESSURE  
DETERMINATION, instrumentation/ CATS/  
\*ELECTRONICS, MEDICAL/ ENGLISH  
ABSTRACT/ HEPARIN, pharmacodynamics/  
MANOMETRY, instrumentation/ METHODS/  
MODELS, THEORETICAL/ RABBITS/  
\*RESPIRATORY FUNCTION TESTS,  
instrumentation/ \*TRANSDUCER
3332. Koregin VA: Promывание бронхов в терапии туберкулеза  
форм пневмонии у детей раннего возраста.
- Pediatrila 48:38-40, Sep 69 (Rus)  
ANTIBIOTICS, administration & dosage/  
BRONCHOSCOPY/ CHILD, PRESCHOOL/  
\*CHYMOTRYPSIN, administration & dosage/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
INFANT/ IRRIGATION/ MALE/  
PNEUMONIA, therapy
3333. Korève V, Delorme ML, Chimènes H: Note à propos de la  
glycémie globulaire et plasmatique.  
Diabete 17:230-1, Jul-Sep 69 (Fre)  
\*BLOOD PLATELETS/ \*BLOOD SUGAR/  
HUMAN
3334. Körlof B, Pontén B, Ugland O: Bromelain—a proteolytic  
enzyme. Scand J Plast Reconstr Surg 3:27-9, 1969  
\*BROMELAINS, therapeutic use/ CLINICAL  
RESEARCH/ \*EDEMA, drug therapy/  
HEMATOMA, drug therapy/ HUMAN/  
PLACEBOS
3335. Kornalik F, Schlieck A, Habermann E: Isolation  
biochemical and pharmacologic characterization of a  
prothrombin-activating principle from Echis  
carinatus venom.  
Naunyn Schmiedeberg Arch Pharm 264:259-60, 1969  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION, drug effects/ \*BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION FACTORS, isolation &  
purification/ BLOOD COAGULATION  
FACTORS, toxicity/ CHROMATOGRAPHY, ION  
EXCHANGE/ HEMORRHAGE, chemically  
induced/ HEMORRHAGE, mortality/ LUNG  
DISEASES, chemically induced/ LUNG  
DISEASES, mortality/ \*PROTHROMBIN/  
RATS/ SNAKES/ \*VENOMS, analysis
3336. Kornfeld R, Kornfeld S: The structure of a  
phytohemagglutinin receptor site from human  
erythrocytes. J Biol Chem 245:2536-45, 25 May 70  
ASPARTIC ACID, analysis/ BINDING SITES/  
BORON COMPOUNDS/ CELL MEMBRANE/  
CHROMATOGRAPHY/ \*ERYTHROCYTES,  
analysis/ GALACTOSE, analysis/ GEL  
FILTRATION/ GLUCOSAMINE, analysis/  
HUMAN/ MANNOSE, analysis/ MOLECULAR  
WEIGHT/ NEURAMINIC ACIDS, analysis/  
OLIGOSACCHARIDES/  
OXIDATION-REDUCTION/ PEPTIDE  
HYDROLASES/ \*PEPTIDES, analysis/ \*PLANT  
AGGLUTININS/ PROTEIN BINDING/ SERINE  
analysis/ THREONINE, analysis/ TRYPSIN
3337. Kornfeld S, Kornfeld R: Solubilization and part  
characterization of a phytohemagglutinin recep  
site from human erythrocytes.  
Proc Nat Acad Sci USA 63:1439-46, Aug 69  
\*BINDING SITES/ \*ERYTHROCYTES/ GEL  
FILTRATION/ GLYCOPROTEINS/ HUMAN/  
MOLECULAR WEIGHT/ \*PLANT  
AGGLUTININS/ \*SOLUBILITY/ TRYPSIN
3338. Korolko A, Poleszak J, Woyda J: Zachowanie  
niektórych parametrów krzepnięcia krwi u królik  
karmionych cholesterolem i kofeina.  
Pol Tyg Lek 25:473-5, 6 Apr 70 (P)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION FACTORS, analysis/  
\*CAFFEINE, pharmacodynamics/  
\*CHOLESTEROL, pharmacodynamics/ DIET/  
ENGLISH ABSTRACT/ RABBITS/  
THROMBELASTOGRAPHY
3339. Korot'ko GF, Sukhoterina LA: O vydelenii pepsin  
gastriksina zheludochnymi zhelezami.  
Vop Med Khim 15:456-8, Sep-Oct 69 (R)  
CATHETERIZATION/ ENGLISH ABSTRACT/  
\*GASTRIC JUICE, analysis/ \*GASTRIN,  
secretion/ HUMAN/ \*PEPSIN, secretion/  
\*PEPTIDE HYDROLASES, analysis/  
PRESSURE/ \*STOMACH, secretion
3340. Korsan-Bengtson K: Rökning och koronarsjukdom  
Koagulations-effekter och rökning.  
Läkartidningen 67:272-7, 14 Jan 70 (S)  
\*BLOOD COAGULATION/ HUMAN/  
\*SMOKING



# AUTHOR SECTION

3341. Korshunov VV: Poluchenie i svoystva proteinazy Aspergillus terricola. Mikrobiologiya 38:238-44, Mar-Apr 69 (Rus)  
\*AMYLASE, isolation & purification/  
\*ASPERGILLUS, enzymology/  
CHROMATOGRAPHY/ ENGLISH ABSTRACT/  
FIBRINOLYTIC AGENTS/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ \*PEPTIDE HYDROLASES, isolation  
& purification/ PEPTIDE HYDROLASES,  
metabolism/ SPECTROPHOTOMETRY/  
TEMPERATURE
3342. Korshunov VV: Issledovanie proteinazy Aspergillus terricola metodom elektroforeza. Mikrobiologiya 38:48-51, Jan-Feb 69 (Rus)  
\*ASPERGILLUS, enzymology/ CASEIN,  
metabolism/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ PEPTIDE HYDROLASES,  
analysis/ \*PEPTIDE HYDROLASES, isolation &  
purification/ PEPTIDE HYDROLASES,  
metabolism/ STARCH, metabolism
3343. Korting GW, Dölicher G: Ungewöhnliches Klippel-Trénaunay- und Parkes-Weber-Syndrom mit homolateraler Muskelatrophie. Med Welt 46:2543-4, 15 Nov 69 (Ger)  
\*ANGIOMATOSIS, complications/ ARM/ \*BONE  
DISEASES, complications/ CASE REPORT/  
HUMAN/ LATERALITY/ MALE/ MIDDLE  
AGE/ \*MUSCULAR ATROPHY, complications/  
\*SKIN DISEASES, complications
3344. Korzh AA, Khvishuk NI: Pervichnye opukholi pozvonochnika. Ortop Travm Protez 30:14-20, Apr 69 (Rus)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
\*HEMANGIOMA/ HUMAN/ MALE/  
OSTEOMA/ \*SARCOMA, OSTEOGENIC/  
\*SPINAL NEOPLASMS
3345. Kosaki G, Inoshita K, Nakaso C: [Morphological examination of the blood platelet] Jap J Clin Path 16:Suppl 16:59-65, 1969 (Jap)  
BLOOD PLATELET DISORDERS, diagnosis/  
\*BLOOD PLATELETS, cytology/ CHILD,  
PRESCHOOL/ FEMALE/ HISTOLOGICAL  
TECHNIQUES/ HUMAN/ MALE/ \*MICROSCOPY,  
ELECTRON/ MIDDLE AGE
3346. Kosaki G, Inoshita K: [Three dimensional ultrastructure of normal human blood platelet] Acta Haemat Jap 32:14-22, Feb 69 (Jap)  
\*BLOOD PLATELETS, cytology/ ENGLISH  
ABSTRACT/ HUMAN/ MICROSCOPY,  
ELECTRON
3347. Kosakowski MH, Böck A: The subunit structure of phenylalanyl-tRNA synthetase of Escherichia coli. Europ J Biochem 12:67-73, Jan 70  
ACRYLATES/ AMINO ACIDS, analysis/  
CHEMISTRY/ DETERGENTS/  
ELECTROPHORESIS/ \*ESCHERICHIA COLI,  
enzymology/ GEL FILTRATION/ GELS/  
\*LIGASES/ LIGASES, analysis/ LIGASES,  
isolation & purification/ METHODS/  
MOLECULAR WEIGHT/ PEPTIDES, analysis/  
PHENYLALANINE/ PROTEIN  
DENATURATION/ RNA, BACTERIAL/ RNA,  
SOLUBLE/ TRYPSIN/ UREA
3348. Kosheleva LI, Nikonov GK: Oksikumariny i ikh glukozydy. Farmatsiya 18:78-88, Jul-Aug 69 (106 ref.) (Rus)  
ANIMAL EXPERIMENTS/ ANTHELMINTICS,  
pharmacodynamics/ ANTIHYPERTENSIVE  
AGENTS, pharmacodynamics/  
ANTI-INFECTIVE AGENTS, pharmacodynamics/  
CAPILLARY RESISTANCE, drug effects/  
CENTRAL NERVOUS SYSTEM, drug effects/  
CHEMISTRY, PHYSICAL/ CHOLAGOGUES  
AND CHOLERETICS, pharmacodynamics/  
CHROMATOGRAPHY/ CHROMATOGRAPHY,  
PAPER/ CHROMATOGRAPHY, THIN LAYER/  
COMPARATIVE STUDY/ CORONARY  
VESSELS/ \*COUMARINS/ COUMARINS,  
analysis/ COUMARINS,  
isolation & purification/ COUMARINS,  
pharmacodynamics/ COUMARINS, therapeutic  
use/ COUMARINS, toxicity/ DEPRESSION,  
CHEMICAL/ DOGS/ ERYTHROCYTES, drug  
effects/ FROGS/ \*GLYCOSIDES/  
GLYCOSIDES, isolation & purification/  
GUINEA PIGS/ HEART ARREST, chemically  
induced/ HEMOSTATICS, pharmacodynamics/  
HUMAN/ IN VITRO/ INFRARED RAYS/  
INSECTICIDES, pharmacodynamics/  
MUTAGENS, pharmacodynamics/ NUCLEAR  
MAGNETIC RESONANCE/ PLANT EXTRACTS,  
analysis/ \*PLANTS, MEDICINAL, analysis/  
RABBITS/ RADIATION-PROTECTIVE AGENTS,  
pharmacodynamics/ RATS/ REVIEW/  
SPECTRUM ANALYSIS/ ULTRAVIOLET  
RAYS/ VASCULAR DISEASES, drug therapy/  
VASODILATOR AGENTS, pharmacodynamics
3349. Koshiba K, Smetana K, Busch H: On the ultrastructural cytochemistry of nuclear pores in Novikoff hepatoma cells. Exp Cell Res 60:199-209, May 70  
ANIMAL EXPERIMENTS/ CELL MEMBRANE,  
enzymology/ \*CELL NUCLEUS/ CELL  
NUCLEUS, enzymology/  
DEOXYRIBONUCLEASE, metabolism/  
HEPATOMA, enzymology/ \*HEPATOMA,  
pathology/ HISTOCYTOCHEMISTRY/ LIVER  
NEOPLASMS, enzymology/ \*LIVER  
NEOPLASMS, pathology/ MALE/  
MICROSCOPY, ELECTRON/ NEOPLASMS,  
EXPERIMENTAL, enzymology/ NEOPLASMS,  
EXPERIMENTAL, pathology/ PEPSIN,  
metabolism/ PEPTIDE HYDROLASES,  
metabolism/ PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ RATS/ RIBONUCLEASE,  
metabolism/ RIBOSOMES, enzymology
3350. Kostichuk RJ, Cullen RA: Hemangiomas of the liver with thrombosis following use of an oral contraceptive. Calif Med 113:70-4, Sep 70  
ADULT/ FEMALE/ \*HEMANGIOMA,  
chemically induced/ HUMAN/ \*LIVER  
DISEASES, chemically induced/ \*LIVER  
NEOPLASMS, chemically induced/  
\*MESTRANOL, adverse effects/  
\*NORETHINDRONE, adverse effects/  
\*THROMBOSIS, chemically induced
3351. Köstering H, Wellmer HK, Fuchs K, et al: Magenresektion bei schwerer Hämophilie A unter Substitution mit AHG vom Schwein. Chirurg 41:266-70, Jun 70 (Ger)  
ADOLESCENCE/ ANIMAL EXPERIMENTS/  
DENERVATION/ DUODENAL ULCER,  
complications/ \*DUODENAL ULCER, surgery/  
ENGLISH ABSTRACT/ FACTOR VIII,  
administration & dosage/ \*FACTOR VIII,  
therapeutic use/ GASTRECTOMY/  
HEMOPHILIA, complications/ \*HEMOPHILIA,  
complications/ HEMORRHAGE,  
GASTROINTESTINAL, complications/ HUMAN/  
MALE/ STOMACH, radiography/ SWINE/  
VAGOTOMY
3352. Kostluk NV, Derbeneva TN: Tonzilléktomiya u bol'nogo gemofilii. Vestn Otorinolaring 31:91-2, May-Jun 69 (Rus)  
ADULT/ CASE REPORT/ \*HEMOPHILIA,  
complications/ HUMAN/ MALE/  
\*TONSILLECTOMY/ \*TONSILLITIS, surgery
3353. Kostka V, Morávek L, Sorm F: Amino acid sequence of C-terminal fragment of hog pepsin. Europ J Biochem 13:447-54, Apr 70  
\*AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN/ CYANIDES/  
ELECTROPHORESIS/ \*PEPSIN, analysis/  
SWINE/ TRYPSIN/ TRYPTOPHAN, analysis
3354. Kotani M: [Biochemistry of the lymph] Jap J Clin Med 28:13-22, Jan 70 (130 ref.) (Jap)  
ACID-BASE EQUILIBRIUM/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION  
FACTORS, analysis/ CATS/ COAGULASE,  
analysis/ DOGS/ ELECTROLYTES, analysis/  
HORMONES, analysis/ HUMAN/ IRON,  
analysis/ LIPIDS, analysis/ \*LYMPH, analysis/  
LYMPH, enzymology/ PROTEINS, analysis/  
RABBITS/ RATS/ REVIEW
3355. Kotelchuck D, Dygert M, Scheraga HA: The influence of



## AUTHOR SECTION

- short-range interactions on protein conformation. 3.  
Dipeptide distributions in proteins of known  
sequence and structure.  
Proc Nat Acad Sci USA 63:615-22, Jul 69  
\*AMINO ACID SEQUENCE/ CHYMOTRYPSIN/  
HEMOGLOBIN/ MODELS, CHEMICAL/  
MURAMIDASE/ MYOGLOBIN/ PAPAINE/  
\*PEPTIDES/ \*PROTEINS/ RIBONUCLEASE/  
STATISTICS
3356. Kotilainen M: Platelet kinetics in normal subjects and  
in haematological disorders; with special reference to  
thrombocytopenia and to the role of the spleen.  
Scand J Haemat Suppl 5:5-97, 1969  
ANEMIA, PERNICIOUS, physiopathology/  
ANTICOAGULANTS, pharmacodynamics/  
BLOOD PLATELET DISORDERS,  
physiopathology/ \*BLOOD PLATELET  
DISORDERS, physiopathology/ BLOOD  
PLATELETS, analysis/ BLOOD PLATELETS,  
physiology/ \*BLOOD PLATELETS,  
physiopathology/ BLOOD VOLUME  
DETERMINATION/ BONE MARROW  
DISEASES, complications/ CENTRIFUGATION/  
CHROMIUM ISOTOPES/ EPINEPHRINE,  
pharmacodynamics/ HEMOGLOBIN/ HUMAN/  
IODINE ISOTOPES/ KINETICS/ LIVER,  
physiopathology/ LIVER CIRRHOSIS,  
physiopathology/ MALE/ METABOLIC  
CLEARANCE RATE/ RADIOISOTOPE  
SCANNING/ \*SPLEEN, physiopathology/  
SPLENECTOMY, adverse effects/ SPLENIC  
DISEASES, physiopathology/ THROMBOCYTOPENIA
3357. Kotilainen M: Trombosyyttien kinetiikka. (Fin)  
Duodecim 86:508-11, 1970  
\*BLOOD PLATELETS, metabolism/  
CHROMIUM ISOTOPES/ HUMAN/ KINETICS
3358. Kotlarek-Haus S: Aktywność peptydaz leukocytów  
krwi ludzkiej w chorobach zapalnych i  
nowotworowych.  
Pol Arch Med Wewn 44:597-602, Jun 70 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ ALKALINE  
PHOSPHATASE, metabolism/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/  
\*INFLAMMATION, enzymology/  
\*LEUKOCYTES, enzymology/ LEUKOCYTOSIS,  
enzymology/ MALE/ MIDDLE AGE/  
\*NEOPLASMS, enzymology/ \*PEPTIDE  
HYDROLASES, metabolism
3359. Kotschy M: Aktywność plazminy w krwi ludzkiej.  
Postepy Hig Med Dosw 24:231-39, Mar-Apr 70 (Pol)  
BLOOD COAGULATION/ ENZYME  
ACTIVATION/ FACTOR XII, metabolism/  
FIBRINOLYSIS, blood/ \*FIBRINOLYSIN,  
metabolism/ HUMAN/ \*PLASMINOGEN,  
metabolism
3360. Kotschy M, Prusek W: Krzepliwość krwi u noworodka z  
niedoborem czynnika X.  
Pol Tyg Lek 25:895-6, 15 Jun 70 (Pol)  
\*BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION TESTS/ CASE  
REPORT/ ENGLISH ABSTRACT/ FACTOR X,  
analysis/ FEMALE/ HUMAN/  
\*HYPOPROTHROMBINEMIAS, blood/ INFANT,  
NEWBORN/ PREGNANCY
3361. Kotter A: Die Noblesche Darmplikatur.  
Zbl Chir 94:351-7, 15 Mar 69 (Ger)  
ADHESIONS/ HUMAN/ \*INTESTINAL  
OBSTRUCTION, surgery/ INTESTINE, SMALL,  
radiography/ INTESTINE, SMALL, surgery/  
METHODS/ POSTOPERATIVE  
COMPLICATIONS/ SUTURE TECHNIQUES/  
SUTURES
3362. Kottlors W, Brügel H: Nil nocere. Spätblutung nach  
Leber-Blindpunktion.  
München Med Wschr 112:1238-40, 26 Jun 70 (Ger)  
ADULT/ \*BIOPSY, adverse effects/ CASE  
REPORT/ ENGLISH ABSTRACT/  
ERYTHROCYTE COUNT/ FEMALE/  
HEMATOCRIT/ HEMATOMA, etiology/  
HEMOGLOBINOMETRY/ \*HEMORRHAGE,  
GASTROINTESTINAL, etiology/  
HEMORRHAGE, GASTROINTESTINAL,  
surgery/ HUMAN/ IATROGENIC DISEASE/
- \*LIVER, pathology/ NECROSIS/ TIME  
FACTORS
3363. Koutský J, Jirásek JE: Histochemical study of the  
changes in endometrial fibrinolytic activity during  
treatment of menometrorrhagia with antifibrinolytics.  
Gynaecologia (Basel) 168:241-7, 1969  
\*ADOLESCENCE/ \*ADULT/ \*AMINOCAPROIC  
ACID, therapeutic use/ \*BIOPSY/  
\*ENDOMETRIUM, analysis/ \*ENDOMETRIUM,  
pathology/ FEMALE/ \*FIBRINOLYSIS/  
\*HISTOCYTOCHEMISTRY/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*MENORRHAGIA, drug  
therapy/ \*MENORRHAGIA, pathology/  
\*METORRHAGIA, drug therapy/  
\*METORRHAGIA, pathology/ \*MIDDLE AGE
3364. Kovács E, Petri B, Bajusz V: Acut defibrinációs  
syndroma prostata adenocarcinoma következtében.  
Orv Hetil 110:2346-7, 5 Oct 69 (Hun)  
ADENOCARCINOMA, blood/  
\*ADENOCARCINOMA, complications/ AGED/  
\*BLOOD COAGULATION DISORDERS,  
etiology/ \*FIBRINOLYSIS/ HEMORRHAGIC  
DIATHESIS, etiology/ HUMAN/ MALE/  
PROSTATIC NEOPLASMS, blood/  
\*PROSTATIC NEOPLASMS, complications
3365. Kovalev IE, Kovaleva LG: Vliianie 6-merkaptopurina na  
fibrinoliticheskuu aktivnost' krovi.  
Probl Gemat 13:22-3, Jan 68 (Rus)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ FEMALE/ \*FIBRINOLYSIS, drug  
effects/ HUMAN/ MALE/  
\*MERCAPTOPYRINE, pharmacodynamics/  
MERCAPTOPYRINE, therapeutic use/  
\*PURPURA, THROMBOCYTOPENIC, drug therapy/  
RABBITS
3366. Kovalev IE, Seifulla RD: O vozmozhnoi roli timusa v  
svertyvani krovi. Probl Gemat 13:32-4, Jun 68 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ ENGLISH ABSTRACT/  
METHODS/ MICE/ RABBITS/ \*THYMUS  
GLAND, physiology/ \*TISSUE EXTRACTS,  
pharmacodynamics
3367. Kovalev MM, Burka AA: O koagulatsii krovi i  
tromboelastografiu u bol'nykh ostrym kholericheskim.  
Khirurgiya (Moskva) 45:52-8, Aug 69 (Rus)  
ACUTE DISEASE/ \*BLOOD COAGULATION/  
\*CHOLECYSTITIS, blood/ ENGLISH  
ABSTRACT/ HUMAN/ MIDDLE AGE
3368. Kovaleva EV, Novikova LS, Briazgunov IP: K voprosu o  
patogeneze hemorragicheskikh proslavlenii v  
aktivnuiu fazu revmatizma u detei.  
Pediatrya 48:30-4, Nov 69 (Rus)  
ADOLESCENCE/ \*BLOOD COAGULATION  
DISORDERS, etiology/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMORRHAGE, etiology/ HUMAN/  
MALE/ RHEUMATIC FEVER, blood/  
\*RHEUMATIC FEVER, complications
3369. Kowalski E: Fibrinogenspaltprodukte und ihre  
Komplexe mit Fibrinmonomeren.  
Folia Haemat (Lpz) 92:20-7, 1969 (Ger)  
ADENINE NUCLEOTIDES, metabolism/  
BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
metabolism/ ELECTROPHORESIS/  
\*FIBRINOGEN, analysis/ \*FIBRINOLYSIS,  
metabolism/ GELS/ HUMAN/ IODINE  
ISOTOPES/ PROTAMINES, pharmacodynamics/  
STARCH
3370. Köylüoğlu AO: Dişhekilli cerrahisinde hemofili'nin  
önemi ve hemofili hastalarında yapılan müdahaleler.  
Dental (Istanbul) 2:101-4, Mar-Apr 70 (Tur)  
HEMOPHILIA/ HEMORRHAGE, ORAL/  
SPECIAL LIST DENTAL
3371. Kozak LP, Bretthauer RK: Studies on the biosynthesis  
of Hansenula holstii mannans from guanosine  
diphosphate mannose.  
Biochemistry (Wash) 9:1115-22, 3 Mar 70  
\*ASCOMYCETES/ CARBON ISOTOPES/  
CELL-FREE SYSTEM/ CHROMATOGRAPHY,



## AUTHOR SECTION

- DEAE-CELLULOSE/ CHROMATOGRAPHY,  
PAPER/ GEL FILTRATION/  
GLYCOPROTEINS/ \*GUANINE NUCLEOTIDES,  
metabolism/ KINETICS/ MANGANESE/  
\*MANNOSE, metabolism/  
OLIGOSACCHARIDES, biosynthesis/ OSMOLAR  
CONCENTRATION/ PEPTIDE HYDROLASES/  
\*POLYSACCHARIDES, biosynthesis/  
PRECIPITATION/ TROMETHAMINE
3372. Kozłolowa H: Postępy gastroenterologii. Diagnostyka chorób trzustki.  
Pol Arch Med Wewnet 43:1215-9, Aug 69 (Pol)  
HUMAN/ \*PANCREATIC DISEASES, diagnosis/  
PANCREATIC DISEASES, enzymology/  
PANCREATIC DISEASES, radiography/  
PANCREATIC NEOPLASMS, diagnosis/  
PANCREATITIS, diagnosis/ REVIEW/  
TRYPSIN, analysis
3373. Kozlov GA, Teodorovich VI: Modellirovanie protsessov pereokhlazhdeniya i kristallizatsii konservirovannoi krovi. Probl Gemat 14:39-45, Mar 69 (Rus)  
\*BLOOD PRESERVATION/  
\*CRYSTALLIZATION/ ENGLISH ABSTRACT/  
\*FREEZING/ \*MODELS, BIOLOGIC
3374. Kozlov NB, Shashkevich IK: Soderzhanie hlutamynovoi, asparahynovoi i gamma-amynomaslianoi kyslot v tkany mozha krysy pry peregrevaniy y vvedeniy v orhanyzm transamyna y rezerypyna. Ukr Biokhim Zh 41:519-22, 1969 (Ukr)  
\*AMINO ACIDS, metabolism/ AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ ASPARTIC ACID, metabolism/ BRAIN, drug effects/ \*BRAIN, metabolism/ \*CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/  
GLUTAMATES, metabolism/ HEAT EXHAUSTION, metabolism/ RATS/  
\*RESERPINE, pharmacodynamics/ TIME FACTORS
3375. Kozlov NE, Bernshtein VN: Kachestvennoe i kolichestvennoe issledovanie lekarstvennykh preparatov-proizvodykh di-(2-khloretil)-amina. Farmatsiya 19:34-5, May-Jun 70 (Rus)  
CHLORAMBUCIL, analysis/  
CYCLOPHOSPHAMIDE, analysis/ ENGLISH ABSTRACT/ \*ETHYLAMINES, analysis/  
MELPHALAN, analysis/ METHODS/  
\*NITROGEN MUSTARD COMPOUNDS, analysis/ PHENINDIONE, analysis/  
PROPYLAMINES, analysis/  
\*SPECTROPHOTOMETRY/ URACIL, analysis
3376. Kozlova IA, Mel'nikova LA, Peterson OP: Sintez fermenta deproteinizatsii v razlichnykh kletochnykh sistemakh, infitsirovannykh virusami grupy ospy. Vop Virus 14:658-9, Nov-Dec 69 (Rus)  
AMNION/ CARCINOMA/ CELL LINE/  
CERVIX NEOPLASMS/ CHICK EMBRYO/  
CYTOPATHOGENIC EFFECT, VIRAL/  
ENGLISH ABSTRACT/ \*ENZYME INDUCTION/ FEMALE/ FIBROBLASTS/ HELA CELLS/ HUMAN/ LARYNGEAL NEOPLASMS/  
MOUTH NEOPLASMS/ \*PEPTIDE HYDROLASES, biosynthesis/ \*TISSUE CULTURE/ \*VACCINIA VIRUS, physiology/  
\*VARICELLA-ZOSTER VIRUS, physiology/  
\*VIRUS CULTIVATION
3377. Kozlova MA, Milent'eva SV: K voprosu germetizatsii flakonov s preparatami krovi i sukhoi plazmy. Probl Gemat 13:58, May 68 (Rus)  
\*BLOOD PRESERVATION, instrumentation/  
\*DRUG CONTAINERS AND CLOSURES
3378. Kraayenhof R, Diegenbach PC: Influence of some inhibitors on tetrazolium reduction under conditions of the histochemical localization of NAD(P)-linked dehydrogenases. Acta Histochem (Jena) 35:102-7, 1970  
ANIMAL EXPERIMENTS/ \*ANTIMYCIN A, pharmacodynamics/ \*BISHYDROXYCOUMARIN, pharmacodynamics/ \*CYANIDES, pharmacodynamics/ HISTOCYTOCHEMISTRY/  
MICE/ MITOCHONDRIA, MUSCLE, enzymology/ \*MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ NAD/ NADP/ \*OXIDOREDUCTASES, analysis/  
OXIDOREDUCTASES, metabolism/  
\*ROTENONE, pharmacodynamics/  
SPECTROPHOTOMETRY/ \*TETRAZOLIUM SALTS, metabolism
3379. Krahn J, Stevens FC: Lima bean trypsin inhibitor. Limited proteolysis by trypsin and chymotrypsin. Biochemistry (Wash) 9:2646-52, 23 Jun 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ BINDING SITES/  
\*CHYMOTRYPSIN, metabolism/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ \*PLANTS, EDIBLE, enzymology/ \*TRYPSIN, metabolism/  
\*TRYPSIN INHIBITORS
3380. Krakovski NI, Taranovich VA: Diagnostika i khirurgicheskoe lechenie obshirnykh gemangiom konechnosti. Vestn Khir Grekov 102:68-74, Mar 69 (Rus)  
ADULT/ ANGIOGRAPHY/ \*EXTREMITIES, blood supply/ EXTREMITIES, surgery/  
FEMALE/ \*HEMANGIOMA, surgery/  
HEMANGIOMA, CAVERNOUS, radiography/  
HEMANGIOMA, CAVERNOUS, surgery/  
HUMAN/ METHODS
3381. Kramer K, Brandstüdt W: Ergebnisse bakteriologischer Untersuchungen an Erythrozytensedimenten. Arbeitsergebnisse einer bakteriologischen Arbeitsgruppe. Folia Haemat (Leipzig) 92:243-51, 1969 (Ger)  
BACTERIA, isolation & purification/ BLOOD BANKS/ BLOOD PRESERVATION/ \*BLOOD SEDIMENTATION/ \*BLOOD TRANSFUSION/  
BLOOD TRANSFUSION, adverse effects/  
ENGLISH ABSTRACT/ \*ERYTHROCYTES, microbiology/ FUNGI, isolation & purification/  
HUMAN
3382. Kramer SG, Polcyn RE: Extension of the head for orbital scanning in proptosis. Amer J Ophthal 69:284-96, Feb 70  
ADULT/ ANGIOMATOSIS, diagnosis/  
\*EXOPHTHALMOS, diagnosis/ FEMALE/  
HUMAN/ MELANOMA, diagnosis/  
MENINGIOMA, diagnosis/ ORBITAL NEOPLASMS, diagnosis/ POSTURE/  
\*RADIOISOTOPE SCANNING/ RETINAL VESSELS/ SKULL NEOPLASMS, diagnosis/  
SPHENOID BONE/ TECHNETIUM
3383. Kranz H: Cerebrovascular disease. A review of present understanding. Med J Aust 1:905-10, 2 May 70 (45 ref.)  
ANTICOAGULANTS, therapeutic use/  
CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, physiopathology/  
CEREBRAL ISCHEMIA, TRANSIENT, therapy/  
CEREBROVASCULAR CIRCULATION/  
\*CEREBROVASCULAR DISORDERS/  
CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, drug therapy/  
CEREBROVASCULAR DISORDERS, prevention & control/ DIAGNOSIS, DIFFERENTIAL/  
FEMALE/ HUMAN/ HYPERTENSION/  
INFARCTION, diagnosis/ MALE/  
MYOCARDIAL INFARCT, therapy/  
NEUROLOGIC MANIFESTATIONS/ POSTURE/  
REVIEW/ STEROIDS, therapeutic use
3384. Krasik IaD: Rol' éritrotsitov v protsesse svertyvaniia krovi pri postgemorragicheskoi anemii. Probl Gemat 13:21-4, Apr 68 (Rus)  
ADOLESCENCE/ ADULT/ \*ANEMIA, blood/  
\*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*ERYTHROCYTES/ FEMALE/  
\*HEMORRHAGE, blood/ HUMAN/ MALE/  
MIDDLE AGE
3385. Krasnoperov FT, Galkina EB: O vliianii geparina na razvitiie fenomena Bordé. Probl Tuberk 48:82, 1970 (Rus)  
ANIMAL EXPERIMENTS/ ESCHERICHIA



# AUTHOR SECTION

- COLI/ GUINEA PIGS/ \*HEPARIN,  
pharmacodynamics/ \*MYCOBACTERIUM  
TUBERCULOSIS/ \*TUBERCULOSIS
3386. Krause H, Wienert V: Die fungistatische Wirkung von Aescin auf Dermatophyten in vitro. *Arzneimittelforschung* 20:703-5, May 70 (Ger)  
AESCULUS, administration & dosage/  
\*AESCULUS, pharmacodynamics/  
\*ANTIFUNGAL AGENTS/ COMPARATIVE  
STUDY/ DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ \*EPIDERMOPHYTON, drug  
effects/ EPIDERMOPHYTON, growth &  
development/ \*GRISOFULVIN,  
pharmacodynamics/ \*MICROSPORUM, drug  
effects/ MICROSPORUM, growth &  
development/ \*SAPONINS, pharmacodynamics/  
\*TRICHOPHYTON, drug effects/  
TRICHOPHYTON, growth & development
3387. Krauss J, Amthor KJ, Reiss HJ: Zur Kenntnis des Gemmangioms (Orsos) *Zbl Chir* 94:1579-84, 15 Nov 69 (Ger)  
DIAGNOSIS, DIFFERENTIAL/ \*HEMANGIOMA,  
pathology/ HEMANGIOMA, surgery/ HUMAN/  
\*LIPOMA, pathology/ LIPOMA, surgery/  
MALE/ MIDDLE AGE/ NEOPLASM  
RECURRENCE, LOCAL/ \*THIGH, pathology/  
THIGH, surgery
3388. Krauze S, Olędzka R, Fundowicz A: Trawienie enzymatyczne in vitro białka zwierzęcego. I. Badanie strawności różnych rodzajów mięs surowych a także poddanych procesom termicznym. *Roczn Państw Zakł Hig* 21:39-44, 1970 (Pol)  
CHEMISTRY/ \*DIGESTION/ ENGLISH  
ABSTRACT/ HEAT/ \*MEAT/ \*PEPTIDE  
HYDROLASES/ \*PROTEINS
3389. Kravchuk Pia, Spuziak MI: Vlianie geparinana arterial'nulu set' glaza pri podkon iunktival'nom i retrobul'barnom vvedenii. *Vestn Oftal* 82:61-3, Jul-Aug 69 (Rus)  
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/  
ENGLISH ABSTRACT/ \*EYE, blood supply/  
\*HEPARIN, administration & dosage/  
RABBITS
3390. Kreel L: Radiology of the portal system. *Gut* 11:620-8, Jul 70 (39 ref.)  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
HUMAN/ HYPERTENSION, PORTAL,  
radiography/ LIVER, anatomy & histology/  
MESENTERIC ARTERIES, radiography/  
\*PORTAL SYSTEM, radiography/ PORTAL  
VEIN, pathology/ PROTHROMBIN TIME/  
REVIEW/ SPLENIC ARTERY, radiography/  
SPLENOPTOROGRAPHY/ VENOUS PRESSURE
3391. Kjekorjian EA, Kempe LG: The combined otolaryngology-neurosurgery approach to extensive benign tumors. *Laryngoscope* 79:2086-103, Dec 69  
ADOLESCENCE/ ADULT/ ANGIOMA,  
SCLEROSING, surgery/ CRANIOTOMY/  
FEMALE/ HUMAN/ MALE/ METHODS/  
\*NASOPHARYNGEAL NEOPLASMS, surgery/  
NEUROEPITHELIOMA, surgery/  
NEUROSURGERY/ NOSE NEOPLASMS,  
surgery/ OTORHINOLARYNGOLOGY/  
\*PATIENT CARE TEAM/ PHARYNGEAL  
NEOPLASMS, surgery/ PROGNOSIS/ SKULL,  
radiography
3392. Kretschmer H: Zur Klinik der intrakraniellen Sarkome. *Fortschr Neurol Psychiat* 37:853-60, Dec 69 (Ger)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
ANGIOSARCOMA, diagnosis/ BRAIN  
NEOPLASMS, classification/ \*BRAIN  
NEOPLASMS, diagnosis/ BRAIN NEOPLASMS,  
occurrence/ CAROTID ARTERIES,  
radiography/ CEREBELLAR NEOPLASMS,  
classification/ CEREBELLAR NEOPLASMS,  
diagnosis/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ GERMANY,  
EAST/ HEMANGIOEPERICYTOMA, diagnosis/  
HUMAN/ INTRACRANIAL PRESSURE/  
MALE/ MELANOMA, diagnosis/  
MENINGIOMA/ MIDDLE AGE/ SARCOMA,  
classification/ \*SARCOMA, diagnosis/
- SARCOMA, occurrence/ SARCOMA,  
RETICULUM CELL, diagnosis
3393. Kreuzer F: Facilitated diffusion of oxygen and its possible significance; a review. *Resp Physiol* 9:1-30, Apr 70 (92 ref.)  
BLOOD VISCOSITY/ CHEMISTRY/  
\*DIFFUSION/ ERYTHROCYTES, metabolism/  
\*HEMOGLOBIN/ HYDROGEN-ION  
CONCENTRATION/ \*KINETICS/  
MATHEMATICS/ MEMBRANES, anatomy &  
histology/ MUSCLES, metabolism/  
\*MYOGLOBIN/ \*OXYGEN, metabolism/  
PARTIAL PRESSURE/ REVIEW/  
TEMPERATURE/ TIME FACTORS
3394. Kreuzer K, Weisch H, Sessner HH, et al: Zur Diagnose und Therapie des generalisierten Shwartzman-Sanarellischen Phänomen. *Zbl Gynaek* 91:504-9, 19 Apr 69 (Ger)  
\*ABORTION, SEPTIC, complications/ ADULT/  
AFIBRINOGENEMIA, diagnosis/  
AFIBRINOGENEMIA, drug therapy/  
AFIBRINOGENEMIA, etiology/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION FACTORS/  
FEMALE/ HUMAN/ PREGNANCY/ \*SHOCK,  
HEMORRHAGIC, etiology/ \*SHWARTZMAN  
PHENOMENON, diagnosis/ SHWARTZMAN  
PHENOMENON, etiology/ SHWARTZMAN  
PHENOMENON, therapy/ STREPTOKINASE,  
therapeutic use
3395. Krętel Z, Musiał M: The effects of herbicides on soil microflora. II. The effect of herbicides on enzymatic activity of the soil. *Acta Microbiol Pol* [B] 1:93-7, 1969  
BACILLUS, drug effects/ \*BACTERIA, drug  
effects/ BACTERIA, enzymology/  
\*HERBICIDES, pharmacodynamics/  
MICROCOCOCCUS, drug effects/  
OXIDOREDUCTASES, analysis/ PEPTIDE  
HYDROLASES, analysis/ SARCINA, drug  
effects/ \*SOIL MICROBIOLOGY/ \*UREA,  
pharmacodynamics
3396. Krieger RI, Wilkinson CF: An endogenous inhibitor of microsomal mixed-function oxidases in homogenates of the southern armyworm (*Prodenia eridania*). *Biochem J* 116:781-9, Mar 70  
ANIMAL EXPERIMENTS/ FREEZE DRYING/  
GEL FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ \*INSECTS,  
analysis/ INTESTINES, enzymology/  
\*MICROSOMES, enzymology/ MOLECULAR  
WEIGHT/ \*OXIDOREDUCTASES, antagonists &  
inhibitors/ PEPTIDE HYDROLASES, analysis/  
PEPTIDE HYDROLASES, isolation &  
purification/ SERUM ALBUMIN, BOVINE/  
TEMPERATURE
3397. Křhkiava J, Kosková D: Vliv chronické radiace na výsledky trombelastografických (TEG) vyšetření. *Cas Lek Cesk* 109:761-3, Jul 70 (Cze)  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
ENVIRONMENTAL EXPOSURE/ HUMAN/  
MALE/ MINING/ \*OCCUPATIONAL  
DISEASES, radiography/ \*RADIATION  
INJURY, radiography/  
\*THROMBELASTOGRAPHY/ URANIUM
3398. Krishnaswamy K, Murthy PS: Mental changes and platelet serotonin in pellagra. *Clin Chim Acta* 27:301-4, Feb 70  
BINDING SITES/ BLOOD PLATELETS, drug  
effects/ \*BLOOD PLATELETS, metabolism/  
DEPRESSION, drug therapy/ \*DEPRESSION,  
etiology/ HUMAN/ NICOTINIC ACID,  
therapeutic use/ PELLAGRA, complications/  
PELLAGRA, drug therapy/ \*PELLAGRA,  
metabolism/ \*SEROTONIN, blood/ TIME  
FACTORS
3399. Kriss AE, Mishustina IE, Zheleznikova VA: Proteoliticheskaia aktivnost' barotolerantnoi bakterii *Bacterium candicans* (raznovidnost' I) v usloviakh rosta pod vysokim davleniem. *Mikrobiologiya* 38:233-7, Mar-Apr 69 (Rus)  
\*ACHROMOBACTER, enzymology/



# AUTHOR SECTION

ACHROMOBACTER, growth & development/  
\*ATMOSPHERIC PRESSURE/ CELL WALL/  
ENGLISH ABSTRACT/ GELATIN, metabolism/  
\*PEPTIDE HYDROLASES, metabolism/  
PERMEABILITY

3400. Kristen H, Eigler FW, Stock W: Zur Behandlung des Tourniquet-Syndroms mit Trasylol.  
Langenbecks Arch Chir 325:292-5, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE,  
drug effects/ BLOOD PRESSURE  
DETERMINATION/ DOGS/ \*EDEMA, drug  
therapy/ EDEMA, etiology/ ENGLISH  
ABSTRACT/ HEMATOCRIT/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PULSE, drug effects/  
\*SHOCK, TRAUMATIC, drug therapy/ SHOCK,  
TRAUMATIC, etiology/ TIME FACTORS/  
\*TOURNIQUETS

3401. Kristiansen H, Nakano M, Nakano NI, et al: Effect of solvent composition on association between small organic species. J Pharm Sci 59:1103-6, Aug 70  
ACETONE/ ALCOHOLS/ CAFFEINE/  
CHEMISTRY/ CINNAMATES/ DIOXINS/  
DRUG STABILITY/ GLYCERIN/ NITRILES/  
RIBOFLAVIN/ SALICYLATES/ SOLUBILITY/  
\*SOLVENTS/ SPECTROPHOTOMETRY/  
SUCROSE/ SURFACE TENSION/  
TRYPTOPHAN/ VITAMIN K/ WATER

3402. Kritchevsky D, Marcucci AM, Sallata P, et al: Comparison of amorphous and crystalline cholesterol in establishment of atherosclerosis in rabbits. Med Exp (Basel) 19:185-93, 1969  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS/ \*CHOLESTEROL,  
administration & dosage/ \*CHOLESTEROL,  
blood/ CHROMATOGRAPHY, GAS/  
CHROMATOGRAPHY, THIN LAYER/  
COMPARATIVE STUDY/ \*DIET,  
ATHEROGENIC/ LIPIDS, analysis/  
LIPOPROTEINS, blood/ LIVER, analysis/  
MALE/ RABBITS/ TRIGLYCERIDES, analysis

3403. Krivine JM: A propos d'un cas d'angiole de l'intestin grêle. Mem Acad Chir (Paris) 95:435-8, 1969 (Fre)  
\*HEMANGIOMA/ HUMAN/ \*INTESTINAL  
NEOPLASMS/ \*JEJUNUM/ MALE/ MIDDLE  
AGE

3404. Krivoruchko RA, Vintskevich IA: Vliyanie teplovoi obrabotki na svoystva stabilizirovannogo belkovogo preparata plazmy. Probl Gemat 12:40-2, Sep 67 (Rus)  
\*BLOOD PRESERVATION/ \*BLOOD  
PROTEINS, analysis/ \*BLOOD VISCOSITY/  
ENGLISH ABSTRACT/ \*HEAT

3405. Kriz JJ: Etude de l'ultrastructure des leucocytes humains par cryo-décapage. Nouv Rev Franc Hemat 9:449-60, Jul-Aug 69 (Fre)  
ACIDS/ ANTICOAGULANTS/ CELL  
NUCLEUS/ CITRATES/ FREEZE DRYING/  
FREEZE ETCHING/ GLUCOSE/ GLYCERIN/  
HUMAN/ \*LEUKOCYTES, cytology/  
LYMPHOCYTES, cytology/ MEMBRANES/  
\*MICROSCOPY, ELECTRON/ MONOCYTES,  
cytology/ NEUTROPHILS, cytology/  
ORGANOIDS

3406. Krizsa F, Rák K, Sövényi E: Bone marrow megakaryocyte system and plasma thrombopoietic activity in x-ray irradiated mice with and without partial shielding. Strahlentherapie 137:712-7, Jun 69  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ \*BLOOD  
PLATELETS, radiation effects/ BLOOD  
TRANSFUSION/ BONE MARROW, pathology/  
BONE MARROW, radiation effects/ FEMALE/  
\*HEMATOPOIESIS, radiation effects/ MALE/  
\*MEGAKARYOCYTES, radiation effects/  
MICE/ \*RADIATION EFFECTS/  
THROMBOPOIETIN, radiation effects/ TIME  
FACTORS

3407. Kroger A: Das Elektronentransportsystem von Bacillus megaterium. Hoppe Seyler Z Physiol Chem 350:1155-6, Oct 69 (Ger)  
\*BACILLUS MEGATERIUM, metabolism/  
\*CYTOCHROMES, metabolism/ \*ELECTRON

TRANSPORT/ OXIDOREDUCTASES,  
metabolism/ VITAMIN K, metabolism

3408. Krogh HK: The antigen involved in immune adherence with stratum corneum and human serum. Int Arch Allerg 38:78-92, 1970

ABSORPTION/ \*ANTIGEN-ANTIBODY  
REACTIONS/ \*ANTIGENS/  
CHROMATOGRAPHY/ COMPLEMENT/  
COMPLEMENT FIXATION TESTS/  
ERYTHROCYTES, immunology/ FATTY  
ACIDS, analysis/ FLUORESCENT ANTIBODY  
TECHNIC/ GUINEA PIGS/  
HEMAGGLUTINATION TESTS/  
HEXOSAMINES, analysis/ HUMAN/ IMMUNE  
SERUMS/ KERATOSIS, immunology/  
NEURAMINIC ACIDS, analysis/ PAPER/  
PENTOSE, analysis/ PEPSIN,  
pharmacodynamics/ PEPTIDE HYDROLASES,  
pharmacodynamics/ PERIODIC ACIDS,  
pharmacodynamics/ PROTEINS, analysis/ SKIN,  
enzymology/ \*SKIN, immunology/ TISSUE  
EXTRACTS, analysis/ TRYPSIN,  
pharmacodynamics/ URONIC ACIDS, analysis

3409. Król W, Zola-Słęczek E, Ciba T: Leczenie trombolityczne niedrożności tętnic (na marginesie dwóch obserwowanych przypadków) Pol Tyg Lek 25:489-91, 6 Apr 70 (Pol)

AGED/ \*EMBOLISM, drug therapy/  
EMBOLISM, etiology/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOLYSIS, therapeutic use/  
HUMAN/ MIDDLE AGE/ MITRAL VALVE  
STENOSIS, complications/ \*MYOCARDIAL  
INFARCT, drug therapy/ POPLITEAL  
ARTERY/ \*STREPTOKINASE, therapeutic use

3410. Kröner H, Gutenberger B, Hollmann S, et al: Akute Barbitallwirkungen auf den Protein- und Nucleinsäurestoffwechsel der Rattenleber. Z Klin Chem 7:8-13, Jan 69 (Ger)

ANIMAL EXPERIMENTS/ \*BARBITURATES,  
pharmacodynamics/ CARBON ISOTOPES/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ FACTOR V, metabolism/  
HYDRO-LYASES, metabolism/ KINETICS/  
LEUCINE, metabolism/ LIVER, drug effects/  
\*LIVER, metabolism/ MALE/ OROTIC ACID,  
metabolism/ \*PROTEINS, biosynthesis/ RATS/  
\*RNA, biosynthesis/ TRITIUM/ TRYPTOPHAN  
OXYGENASE, metabolism

3411. Krosch H, Leeder U: Rheoviskosimetrische Untersuchungen zum Hyperviskositätssyndrom des Blutes. Z Ges Inn Med 24:449-57, 1 Aug 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
CELL COUNT/ BLOOD PROTEIN DISORDERS,  
blood/ BLOOD PROTEIN ELECTROPHORESIS/  
\*BLOOD VISCOSITY/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMATOLOGIC DISEASES, blood/  
HUMAN/ LEUKEMIA, blood/ LIVER  
CIRRHOSIS, blood/ MALE/ MIDDLE AGE/  
PLASMA/ PLASMOCYTOMA, complications/  
POLYCYTHEMIA, blood/ RHEOLOGY

3412. Krs V, Lichá K, Záruha F, et al: Acid protease activity in human fetal skin. Acta Dermatovener (Stockholm) 50:179-80, 1970  
EMBRYO/ FETUS/ HEMOGLOBIN/ HUMAN/  
\*PEPTIDE HYDROLASES, analysis/ \*SKIN,  
enzymology

3413. Krstić A, Zivković M, Janjatović T: Die Bedeutung der Fokalinfection bei Psoriasis vulgaris und der Psoriasis arthropathica. Hautarzt 20:274-6, Jun 69 (Ger)

ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ ANTISTREPTOLYSIN, blood/  
\*ARTHRITIS, RHEUMATOID, etiology/ BLOOD  
PROTEINS, analysis/ BLOOD  
SEDIMENTATION/ FEMALE/ FIBRINOGEN/  
FOCAL INFECTION, blood/ \*FOCAL  
INFECTION, complications/ FOCAL  
INFECTION, diagnosis/ FOCAL INFECTION,  
radiography/ HUMAN/ MALE/ MIDDLE AGE/  
\*PSORIASIS, etiology/ SEX FACTORS

3414. Krupp PJ Jr, Barclay DL, Roeling WM, et al: Maternal mortality. A 20 year study of Tulane Department of Obstetrics and Gynecology at Charity Hospital.



# AUTHOR SECTION

- Obstet Gynec 35:823-9, May 70  
ABRUPTIO PLACENTAE, mortality/ ADULT/  
AFIBRINOGENEMIA, mortality/ FEMALE/  
HUMAN/ LOUISIANA/ \*MATERNAL  
MORTALITY/ PLACENTA PRAEVIA,  
mortality/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, mortality/ PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR,  
mortality/ PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, mortality/ PREGNANCY  
COMPLICATIONS, INFECTIOUS, mortality/  
PREGNANCY TOXEMIAS, mortality/  
PULMONARY EMBOLISM, mortality/  
PYELONEPHRITIS, mortality/  
RETROSPECTIVE STUDIES
3415. Kruse H, Schulz K, Blau HJ: Klinik und  
Krankheitsverlauf bei einem Fall von kongenitaler  
Hypofibrinogenämie.  
Kinderärztl Prax 37:361-72, Aug 69 (Ger)  
AFIBRINOGENEMIA, complications/  
\*AFIBRINOGENEMIA, congenital/  
AFIBRINOGENEMIA, diagnosis/  
AFIBRINOGENEMIA, drug therapy/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELET  
DISORDERS, complications/ BLOOD  
TRANSFUSION/ DIAGNOSIS, DIFFERENTIAL/  
FEMALE/ FIBRINOGEN, therapeutic use/  
HEMORRHAGE, complications/ HUMAN/  
IMMUNOELECTROPHORESIS/ INFANT/  
SPLENOMEGALY, complications
3416. Krutovskaia OV: Gemokoagulatsiia i  
fibrinolitičeskaja aktivnost' krovi u bol'nykh  
revmatizmom pri primenenii prednizolona.  
Vop Revm 9:36-8, Oct-Dec 69 (Rus)  
ADULT/ \*BLOOD COAGULATION, drug  
effects/ ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOLYSIS, drug effects/ HUMAN/  
MALE/ MIDDLE AGE/ \*PREDNISOLONE,  
therapeutic use/ RHEUMATIC FEVER, blood/  
\*RHEUMATIC FEVER, drug therapy/  
RHEUMATIC HEART DISEASE, drug therapy
3417. Krygier T: Trawienie, wchłanianie i transport tłuszczów  
u ustroju ludzkim.  
Pol Tyg Lek 25:986-9, 29 Jun 70 (19 ref.) (Pol)  
BIOLOGICAL TRANSPORT/ CHYLOMICRONS,  
metabolism/ DIGESTION/ FATTY ACIDS,  
NONESTERIFIED, biosynthesis/ HUMAN/  
INTESTINAL ABSORPTION/ INTESTINE,  
SMALL, metabolism/ LIPIDS, blood/ \*LIPIDS,  
metabolism/ LIPIDS, urine/ LIPOPROTEIN  
LIPASE, metabolism/ LIPOPROTEINS,  
metabolism/ REVIEW/ TRIGLYCERIDES,  
metabolism
3418. Krykowski E, Plużńska A, Krauze-Jaworska H: Uwagi  
o wartości rokowniczej niektórych objawów  
klinicznych i hematologicznych w ostrej blączce u  
dorosłych. Pol Tyg Lek 25:175-7, 2 Feb 70 (Pol)  
ADOLESCENCE/ ADULT/ ENGLISH  
ABSTRACT/ FEMALE/ FEVER/  
\*HEMORRHAGIC DIATHESIS, etiology/  
HEPATOMEGALY, etiology/ HUMAN/  
INFECTION, complications/ LEUKEMIA,  
complications/ \*LEUKEMIA, drug therapy/  
LEUKEMIA, MYELOBLASTIC, drug therapy/  
LEUKOCYTE COUNT/ \*LEUKOPENIA,  
etiology/ LYMPH NODES/ MALE/ MIDDLE  
AGE/ PROGNOSIS/ SPLENOMEGALY, etiology
3419. Krylov AA: O kolichestvennykh kolebaniakh bazofilov  
perifericheskoi krovi i kostnogo mozga pri  
giperkholesterinemii i éksperimental'nykh  
nagruzkakh geparnom.  
Kardiologija 9:107-9, Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BASOPHILS/  
BASOPHILS, drug effects/ BLOOD CELL  
COUNT/ \*BONE MARROW CELLS/  
\*HEPARIN, pharmacodynamics/  
\*HYPERCHOLESTEREMIA, blood/  
LEUKOCYTES/ METHODS/ RABBITS/ TIME  
FACTORS
3420. Krylova RI, Shevtsova ZV: Patomorfologija  
éksperimental'noi gemorragicheskoi likhoradki  
obez'ian. Arkh Pat 31:85-9, 1969 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD VESSELS,  
pathology/ BRAIN, pathology/ DISEASE
- MODELS, ANIMAL/ ENCEPHALOMYELITIS,  
etiology/ ENGLISH ABSTRACT/ EPIDEMIC  
HEMORRHAGIC FEVER, complications/  
\*EPIDEMIC HEMORRHAGIC FEVER,  
pathology/ HEMORRHAGIC DIATHESIS,  
etiology/ KIDNEY, pathology/ MENINGES,  
pathology/ METHODS/ MONKEYS/ \*NERVOUS  
SYSTEM, pathology/ SPLEEN, pathology/  
TIME FACTORS
3421. Kubangaleev SM, Eletskaia OI: Primenenie trazitola pri  
ostrom pankreatite.  
Klin Med (Moskva) 47:63-8, Apr 69 (Rus)  
ACUTE DISEASE/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
adverse effects/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, therapeutic use/ MIDDLE  
AGE/ \*PANCREATITIS, drug therapy
3422. Kubín V, Franěk J: Participation of type antigen R in  
the immunofluorescence reaction of group B  
streptococci. J Hyg Epidem (Praha) 13:521-4, 1969  
ANTIGENS/ \*FLUORESCENT ANTIBODY  
TECHNIC/ IMMUNE SERUMS/ PEPSIN/  
\*STREPTOCOCCUS, immunology/ TRYPSIN
3423. Kubisz P, Caen JP: L'analyse des fonctions  
plaquettaires. Mesure de la réaction de disponibilité  
des phosphatases acides.  
Rev Europ Etud Clin Biol 15:123-6, Jan 70 (Fre)  
\*ACID PHOSPHATASE, blood/ ADENOSINE  
TRIPHOSPHATE, blood/ \*BLOOD PLATELET  
DISORDERS, diagnosis/ \*BLOOD PLATELETS,  
metabolism/ BLOOD PLATELETS,  
physiopathology/ COLLAGEN/ ENGLISH  
ABSTRACT/ EPINEPHRINE/ HUMAN/  
METHODS
3424. Kubisz P, Levy-Toledano S, Cronberg S, et al: Effect of  
phenolamine, an alpha receptor blocking agent, on  
epinephrine, ADP and collagen induced factor 4  
release and platelet aggregation.  
Rev Europ Etud Clin Biol 15:429-32, Apr 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE TRIPHOSPHATASE/  
ADRENERGIC ALPHA RECEPTOR  
BLOCKADERS, pharmacodynamics/ \*BLOOD  
COAGULATION, drug effects/ \*BLOOD  
COAGULATION FACTORS/ BLOOD  
PLATELET DISORDERS/ \*BLOOD  
PLATELETS, drug effects/ \*CALCIUM,  
analysis/ COLLAGEN, pharmacodynamics/  
EPINEPHRINE, pharmacodynamics/ HUMAN/  
IN VITRO/ \*PHENTOLAMINE,  
pharmacodynamics
3425. Kubisz P, Neuwirthová D: Spracovanie vzoriek pre  
stanovenie aktivity kyslých fosfatáz s použitím  
p-nitrofenylfosfátu ako substrátu.  
Bratisl Lek Listy 53:662-5, 1970 (Slo)  
\*ACID PHOSPHATASE, blood/ BLOOD  
COAGULATION/ BLOOD SPECIMEN  
COLLECTION/ ENGLISH ABSTRACT/  
HUMAN/ NITROBENZENES/ PHOSPHATES
3426. Kucharska K, Sancewicz-Pach K, Depowski M:  
Trudności rozpoznawania zespołu  
hemolityczno-mocznicowego o przewlekłym  
przebiegu. Pol Tyg Lek 25:494-5, 6 Apr 70 (Pol)  
\*ANEMIA, HEMOLYTIC/ CASE REPORT/  
CHILD/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ \*KIDNEY FAILURE, ACUTE/  
\*THROMBOPENIA
3427. Kucich U, Peanasky RJ: Trypsin inhibitors from  
Ascaris lumbricoides var. suis.  
Biochim Biophys Acta 200:47-57, 20 Jan 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ ARGININE/ \*ASCARIS/  
CHROMATOGRAPHY, ION EXCHANGE/  
CYSTINE, analysis/ ESTERS/ HYDROGEN-ION  
CONCENTRATION/ METHYLCELLULOSE/  
PHENYLALANINE, analysis/ TOLUENE/  
\*TRYPSIN INHIBITORS, analysis/  
TRYPTOPHAN, analysis
3428. Kudinskiĭ IuG, Kravchuk AN: K voprosu o sindrome  
Mafuchchi. Klin Khir (Kiev) 9:89-90, Sep 67 (Rus)



## AUTHOR SECTION

- ADULT/ CASE REPORT/  
 \*DYSCHONDROPLASIA, complications/  
 \*HEMANGIOMA, complications/ HUMAN/  
 MALE
3429. Kudrewicz-Hubicka Z, Majewska S: Oznaczanie aktywności antyrypsynowej i proteolitycznej surowicy ludzkiej.  
 Pol Tyg Lek 25:1076-8, 20 Jul 70 (Pol)  
 ACUTE DISEASE/ ADOLESCENCE/ ADULT/ CHOLECYSTITIS, enzymology/ CHRONIC DISEASE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HUMAN/ LIVER CIRRHOSIS, enzymology/ METHODS/ MYOCARDIAL INFARCT, enzymology/ PANCREATIC DISEASES, enzymology/ \*PEPTIDE HYDROLASES, blood/ TIME FACTORS/ \*TRYPSIN INHIBITORS, blood
3430. Kudriashov BA, Kalishevskaya TM, Baskova IP, et al: Znachenie faktora XII (Khagemana) v aktivatsii protivosvertyvalushchei sistemy krovi.  
 Vop Med Khim 15:486-94, Sep-Oct 69 (Rus)  
 ANIMAL EXPERIMENTS/  
 \*ANTICOAGULANTS, pharmacodynamics/  
 \*AUTONOMIC NERVOUS SYSTEM, drug effects/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CAROTID SINUS, drug effects/  
 \*CHLORPROMAZINE, pharmacodynamics/  
 ENGLISH ABSTRACT/ FACTOR XII, administration & dosage/ \*FACTOR XII, pharmacodynamics/ KIDNEY, drug effects/ RABBITS/ RATS/ \*THROMBIN, pharmacodynamics/ THROMBOSIS, mortality
3431. Kudriashov BA, Kalishevskaya TM, Kolomina SM: Obratnaya korrelyatsiya mezhdu funktsional'nym sostoyaniem protivosvertyvalushchei sistemy krovi i razvitiem zlokachestvennoi opukholi.  
 Vop Med Khim 15:356-63, Jul-Aug 69 (Rus)  
 \*ADENOCARCINOMA, blood/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ AUTONOMIC NERVOUS SYSTEM, drug effects/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ \*CARCINOMA, EHRLICH TUMOR, blood/ CHLORPROMAZINE, pharmacodynamics/ CONNECTIVE TISSUE, blood supply/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ MICE/ NECROSIS, etiology/ \*NEOPLASMS, EXPERIMENTAL, blood/ RATS/ \*SARCOMA 180, CROCKER, blood
3432. Kudriashov BA, Liapina LA, Molchanova LV, et al: O prirode liticheskogo deystviya na fibrin kompleksnykh soedinenii fibrinogena s geparinom i tiroksina s geparinom. Vop Med Khim 16:161-8, Mar-Apr 70 (Rus)  
 AMINOCAPROIC ACID/ BLOOD COAGULATION/ CHEMISTRY/ ENGLISH ABSTRACT/ FACTOR XIII/ \*FIBRIN/ \*FIBRINOGEN/ FIBRINOLYSIS, antagonists & inhibitors/ \*HEPARIN/ MODELS, BIOLOGIC/ SOLVENTS/ \*THYROXINE
3433. Kudriashov BA, Molchanova LV, Kalishevskaya TM, et al: O funktsional'nom sostoyanii protivosvertyvalushchei sistemy pri vnutrivennom vvedenii fibrinmonomera.  
 Vop Med Khim 15:483-6, Sep-Oct 69 (Rus)  
 ANIMAL EXPERIMENTS/  
 \*ANTICOAGULANTS, pharmacodynamics/  
 \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ \*FIBRIN, metabolism/ FIBRINOGEN, administration & dosage/ \*FIBRINOGEN, metabolism/ INJECTIONS, INTRAVENOUS/ RATS/ THROMBELASTOGRAPHY/ THROMBIN, administration & dosage/ \*THROMBIN, metabolism
3434. Kudriashov BA, Pastorova VE, Sytina NP, et al: Funktsional'noe sostoyanie protivosvertyvalushchei sistemy pri eksperimental'nom lucheovom porazhenii shivotnykh. Radiobiologiya 9:536-9, Jul-Aug 69 (Rus)  
 ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, radiation effects/ BLOOD COAGULATION FACTORS, analysis/  
 \*RADIATION EFFECTS/ RATS
3435. Kueppers F: Identification of the heterozygous state for the alpha-1-antitrypsin deficiency gene in man. Biochem Genet 3:283-8, Jun 69  
 \*DEFICIENCY DISEASES/  
 ELECTROPHORESIS/ FEMALE/ GENE FREQUENCY/ \*HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ \*TRYPSIN INHIBITORS
3436. Kuffer F, Weber J: L'anticoagulation prophylactique après drainage ventriculo-atrial de l'hydrocéphalie. Ann Chir Infant 10:47-8, Jan-Feb 69 (Fre)  
 \*ANTICOAGULANTS, therapeutic use/  
 \*DRAINAGE, adverse effects/ HUMAN/  
 \*HYDROCEPHALUS, surgery/ INFANT/ INFANT, NEWBORN/ THROMBOEMBOLISM, etiology/ \*THROMBOEMBOLISM, prevention & control
3437. Kuhlitz G: Die chirurgische Behandlung des renovaskulären Hochdrucks. Zbl Chir 94:1336-44, 4 Oct 69 (Ger)  
 ADULT/ ANEURYSM, surgery/  
 ANTICOAGULANTS, therapeutic use/  
 ARTERIES, transplantation/ BLOOD PRESSURE/ EMBOLISM, surgery/ FEMALE/ GERMANY, EAST/ HUMAN/ HYPERTENSION, RENAL, diagnosis/ \*HYPERTENSION, RENAL, surgery/ KIDNEY DISEASES, surgery/ MALE/ METHODS/ MIDDLE AGE/ NEPHRECTOMY/ NEPHRECTOMY, mortality/  
 NEPHROSCLEROSIS, surgery/  
 POSTOPERATIVE COMPLICATIONS/ RENAL ARTERY, surgery/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY OBSTRUCTION, surgery/  
 THROMBOEMBOLISM, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ VASCULAR SURGERY, mortality/  
 VISCEROTOMY, surgery
3438. Kuhn C 3d, Rosal J: Tumors arising from pericytes. Ultrastructure and organ culture of a case. Arch Path (Chicago) 88:653-63, Dec 69  
 ADULT/ BASEMENT MEMBRANE, pathology/  
 \*GLOMANGIOMA, pathology/ GOLGI APPARATUS/ \*HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ SKIN, cytology/ \*SKIN NEOPLASMS, pathology/ TISSUE CULTURE
3439. Kuiper DH, Overholt BF, Fall DJ, et al: Gastroscopic findings and fecal blood loss following aspirin administration. Amer J Dig Dis 14:761-9, Nov 69  
 ABO FACTORS/ ADULT/ \*ASPIRIN, adverse effects/ BLOOD GROUPS/ CHROMIUM ISOTOPES/ ERYTHROCYTES/ FECES, analysis/ GASTROSCOPY/ \*HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ OCCULT BLOOD/ PROTHROMBIN, analysis/ SALICYLATES, blood
3440. Kukel' AS, Polstianaya AV, Strizhevskaya LN, et al: K voprosu o znachenii izmenenii svertyvalushchei sistemy krovi pri travmaticheskom shoke i ostroi krovopote. Probl Gemat 14:28-32, Aug 69 (Rus)  
 ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, blood/ HUMAN/ MALE/ MIDDLE AGE/ \*SHOCK, TRAUMATIC, blood
3441. Kukel' AS, Pozhariskii VF, Polstianaya AV, et al: Nekotorye dannye ob izmenenii svertyvalushchei sistemy krovi pri travmaticheskom shoke u bol'nykh s perelomami kostei tazy. Probl Gemat 13:33-5, Dec 68 (Rus)  
 \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FRACTURES, physiopathology/ HUMAN/ MALE/ \*PELVIC BONES, injuries/ \*SHOCK, TRAUMATIC, physiopathology
3442. Kukhtevich II, Mitsenko MD: Geparinovaya aktivnost', fibrinoliz i sostoyanie sosudov pri tserebral'noi forme gipertonicheskoi bolezni.



# AUTHOR SECTION

- Sovet Med 33:28-32, 1970 (Rus)  
ADULT/ \*BLOOD COAGULATION/  
CAPILLARY RESISTANCE/  
CEREBROVASCULAR CIRCULATION/  
\*CEREBROVASCULAR DISORDERS, blood/  
\*CEREBROVASCULAR DISORDERS,  
physiopathology/ ENGLISH ABSTRACT/  
FIBRINOLYSIS/ HEPARIN, blood/ HUMAN/  
\*HYPERTENSION, blood/ \*HYPERTENSION,  
physiopathology/ MIDDLE AGE/ PULSE
3443. Kul'berg A Ia, Docheva Iu V, Tarkhanova I A, et al: O proteoliticheskoj aktivnosti v preparatakh ochishchennogo immunoglobulina G i antitel krol'ka. Blokhimiia 34:1178-83, Nov-Dec 69 (Rus)  
\*ANTIBODIES/ ANTIBODIES, isolation & purification/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BINDING SITES/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ ENGLISH ABSTRACT/ \*GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 7S, isolation & purification/ HAPTENS/ HYDROGEN-ION CONCENTRATION/ METHYLCELLULOSE/ NITROBENZENES/ OVALBUMIN/ \*PEPTIDE HYDROLASES/ RABBITS/ ULTRACENTRIFUGATION
3444. Kuleshov EV, Kuleshova Iu: Giperkoagulatsiia i tromboticheskoe sostoiianie v pred- i posleoperatsionnom periode pri diabeticheskikh gangrenakh nizhnikh konechnostei. Sovet Med 33:80-5, 1970 (Rus)  
AGED/ \*AMPUTATION/ \*BLOOD COAGULATION/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ \*DIABETIC ANGIOPATHIES, blood/ DIABETIC ANGIOPATHIES, etiology/ FEMALE/ \*GANGRENE, blood/ \*GANGRENE, etiology/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE
3445. Kuleshov EV, Kuleshova Iu: Svertivalushchala i protivosvertivalushchala sistema krovi u khirurgicheskikh bol'nykh, otlagoshchennykh sakharным diabetom. Khirurgiia (Moskva) 45:40-5, Nov 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION DISORDERS, etiology/ \*DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOEMBOLISM, etiology
3446. Kuleshov Iu Ia, Kozlova-Lavrinenko TE: Zamorazhivanie fibrinoliznoi krovi. Voenomed Zh 2:77-9, Feb 70 (Rus)  
\*BLOOD PRESERVATION/ \*FIBRINOLYSIS/ \*FREEZING/ HUMAN/ METHODS/ MILITARY MEDICINE/ TIME FACTORS/ USSR
3447. Kulich V, Sauer J: Některé připomínky imunohematologa k provedení výměnných transfúzí u novorozenců s hemolytickou nemocí (ve vztahu k transfúznímu přípravku). Česk Gynek 34:488-90, Oct 69 (Cze)  
ABO FACTORS/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PRESERVATION/ \*ERYTHROBLASTOSIS, FETAL, therapy/ ERYTHROCYTES, analysis/ \*EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ PREGNANCY COMPLICATIONS, immunology
3448. Kuliev ShB, Mamedov UA: Izmeneniia svertivalushchei i antisvertivalushchei sistemy krovi u bol'nykh rakom sheiki matki pri endolimfaticeskom vvedenii udarnykh doz tio-TEFa. Vop Onkol 15:49-54, 1969 (Rus)  
ADULT/ AGED/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, chemically induced/ \*CERVIX NEOPLASMS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, analysis/ HUMAN/ INJECTIONS, INTRALYMPHATIC/ MIDDLE AGE/ \*THIO-TEPA, adverse effects
3449. Kulikova VS, Vasil'eva IG, Korolenko VP, et al:
- Kliniko-blokhimicheskaja otsenka sklerozirulushchei terapii gemangiom litsa. Khirurgiia (Moskva) 45:105-9, Oct 69 (Rus)  
\*ALCOHOL, ETHYL, administration & dosage/ ENGLISH ABSTRACT/ \*FACIAL NEOPLASMS, drug therapy/ \*HEMANGIOMA, CAVERNOUS, drug therapy/ HEMATURIA/ HEMOGLOBINOMETRY/ HUMAN/ URINE, analysis
3450. Kumagai H, Yamada H, Matsui H, et al: Tyrosine phenol lyase. I. Purification, crystallization, and properties. J Biol Chem 245:1767-72, 10 Apr 70  
ALANINE/ AMINO ACIDS/ AMMONIA/ AMMONIUM COMPOUNDS/ CATECHOL/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ CULTURE MEDIA/ CYSTEINE/ ELECTROPHORESIS/ \*ESCHERICHIA COLI, enzymology/ FEEDBACK/ GEL FILTRATION/ KINETICS/ \*LYASES/ LYASES, antagonists & inhibitors/ LYASES, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ PHENOLS/ PRECIPITATION/ PROTAMINES/ PYRIDOXAL PHOSPHATE/ PYRUVATES/ SERINE/ STEREOISOMERS/ SULFATES/ TYROSINE/ ULTRACENTRIFUGATION
3451. Kumagai N: [Progress in serological detection of hemolytic streptococcal infections]. Jap J Clin Med 28:1662-71, Jun 70 (76 ref.) (Jap)  
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTISTREPTOLYSIN, analysis/ CELL WALL, immunology/ DEOXYRIBONUCLEASE/ HUMAN/ HYALURONIDASE/ NAD/ POLYSACCHARIDES/ REVIEW/ RHEUMATIC FEVER, immunology/ SCARLET FEVER, immunology/ \*SERODIAGNOSIS/ \*STREPTOCOCCAL INFECTIONS, diagnosis/ STREPTOKINASE/ TOXINS, analysis
3452. Kumagai N: Rheumatic heart disease from the standpoint of streptococcal antibodies. Jap Circ J 33:1505-9, Dec 69  
ADOLESCENCE/ ADULT/ \*ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ ANTISTREPTOLYSIN, analysis/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ HYALURONIDASE, blood/ MALE/ NAD, blood/ PENICILLIN, therapeutic use/ RHEUMATIC FEVER, drug therapy/ RHEUMATIC FEVER, immunology/ RHEUMATIC HEART DISEASE, drug therapy/ \*RHEUMATIC HEART DISEASE, immunology/ \*STREPTOCOCCUS, immunology/ STREPTOKINASE, blood/ TOXINS
3453. Kumar S, Bhargava M: Pre-leukaemic acute myelogenous leukaemia. Acta Haemat (Basel) 43:21-30, 1970  
ADOLESCENCE/ ADULT/ ANEMIA, etiology/ ANEMIA, APLASTIC, etiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ BONE MARROW EXAMINATION/ CHILD/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ \*LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, diagnosis/ \*LEUKEMIA, SUBLEUKEMIC, blood/ LEUKEMIA, SUBLEUKEMIC, complications/ LEUKEMIA, SUBLEUKEMIC, diagnosis/ LEUKOCYTE COUNT/ LEUKOPENIA, etiology/ MALE
3454. Kumar S, Hein GE: Concerning the mechanism of autolysis of alpha-chymotrypsin. Biochemistry (Wash) 9:291-7, 20 Jan 70  
AMINO ACIDS/ BUFFERS/ CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ KINETICS/ SPECTROPHOTOMETRY/ TEMPERATURE/ TIME FACTORS
3455. Kumar S, Hein GE: Structural and steric specificity of



## AUTHOR SECTION

alpha-chloroketones as inhibitors of  
alpha-chymotrypsin.

Biochim Biophys Acta 206:404-13, 10 Jun 70  
ALKYLATION/ BINDING SITES/  
BUTANONES/ CHLORINE/ \*CHYMOTRYPSIN,  
antagonists & inhibitors/ ESTERS/  
HYDROGEN-ION CONCENTRATION/  
HYDROGEN PEROXIDE/ \*KETONES/  
KINETICS/ METHIONINE/ STEREOISOMERS/  
TYROSINE

3456. Kumento A: Studies on the serum binding of vitamin B 12 in the newborn human infant.  
Acta Paediat Scand Suppl 194:1+, 1969  
ALBUMINS, metabolism/ \*BINDING SITES/  
BLOOD/ BLOOD PROTEIN  
ELECTROPHORESIS/ BLOOD PROTEINS,  
metabolism/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CHROMATOGRAPHY, ION  
EXCHANGE/ COBALT ISOTOPES/ DIALYSIS/  
FEMALE/ FETUS/ GAMMA GLOBULIN,  
metabolism/ GEL FILTRATION/ HELA  
CELLS, metabolism/ HUMAN/ IN VITRO/  
\*INFANT, NEWBORN/ INTESTINAL  
ABSORPTION/ MALE/ MATERNAL-FETAL  
EXCHANGE/ METHODS/ OVALBUMIN,  
metabolism/ PREGNANCY/ RADIOMETRY/  
TRYPSINOGEN, metabolism/ UMBILICAL  
CORD/ VITAMIN B 12, analysis/ VITAMIN B  
12, blood/ \*VITAMIN B 12, metabolism/  
VITAMIN B 12 DEFICIENCY

3457. Kummer H, Batz K, Bucher U: Untersuchungen an  
jungen und alten Thrombozyten.  
Schweiz Med Wschr 100:328-30, 14 Feb 70 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, metabolism/ \*BLOOD  
PLATELETS, physiology/ BLOOD PLATELETS,  
radiation effects/ BLOOD TRANSFUSION/  
COBALT ISOTOPES/ DOGS/ GLASS/  
PLATELET ADHESIVENESS/  
THROMBOPENIA, blood/ THROMBOPENIA,  
immunology/ THROMBOPENIA,  
physiopathology

3458. Kummer H, Lundsgaard-Hansen P: The effect of  
dextran (Macrodex) and gelatin (Physiogel) on  
hemorrhagic diathesis during postirradiation  
thrombocytopenia in dogs.  
Bibl Haemat 33:472-80, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD PLATELETS, drug effects/  
BLOOD PRESSURE DETERMINATION/  
COBALT ISOTOPES/ DEXTRAN,  
pharmacodynamics/ DISEASE MODELS,  
ANIMAL/ DOGS/ ERYTHROCYTE COUNT/  
ERYTHROCYTES, drug effects/ GELATIN,  
pharmacodynamics/ HEMATOCRIT/  
\*HEMORRHAGIC DIATHESIS/ LYMPH,  
cytology/ \*PLASMA SUBSTITUTES/  
PLATELET ADHESIVENESS, drug effects/  
\*RADIATION EFFECTS/ THORACIC DUCT/  
\*THROMBOPENIA/ THROMBOPENIA, etiology

3459. Kummer H, Mühlenen A von, Laissue J: Survival of  
labelled and non-labelled platelets in the lethally  
irradiated dog; an evaluation of the 51-chromium  
method. Helv Med Acta 35:228-35, Apr 70  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ \*BLOOD  
PLATELETS, physiology/ \*BONE MARROW,  
radiation effects/ \*CHROMIUM ISOTOPES/  
DOGS/ FEMALE/ \*HEMATOPOIESIS, radiation  
effects/ MALE/ MEGAKARYOCYTES/  
METHODS/ RADIATION EFFECTS/  
\*RADIATION INJURY, EXPERIMENTAL/  
TIME FACTORS

3460. Kumon A, Matsuoka Y, Kakimoto Y, et al: A peptidase  
that hydrolyzes Na-(gamma-aminobutyryl)lysine.  
Biochim Biophys Acta 200:466-74, 31 Mar 70  
AMINO ACIDS, analysis/ \*AMINOBTYRIC  
ACID/ ANIMAL EXPERIMENTS/ ARGININE/  
BRAIN CHEMISTRY/ CADMIUM/  
CARBOXYPEPTIDASES/ CHELATING  
AGENTS/ CHROMATOGRAPHY/ COPPER/  
\*DIPEPTIDASES/ DIPEPTIDASES, antagonists  
& inhibitors/ DIPEPTIDASES, isolation &  
purification/ \*DIPEPTIDES/ DRUG  
STABILITY/ FEMALE/ HYDROGEN-ION

CONCENTRATION/ \*KIDNEY, enzymology/  
KINETICS/ \*LYSINE/ MALE/ MERCURY/  
METHODS/ MUSCLES, enzymology/ ORGAN  
SPECIFICITY/ ORNITHINE/ PEPTIDE  
HYDROLASES, analysis/ RABBITS/ RATS/  
SPECIES SPECIFICITY/ SWINE/  
TEMPERATURE/ TIME FACTORS/ ZINC

3461. Kundu N, Roy S: Esterase activity of chymotrypsin on  
O-DNP-L-tyrosine ethyl ester substrates.  
Nature (London) 226:1171, 20 Jun 70  
\*CHYMOTRYPSIN, metabolism/  
\*DINITROPHENOLS, metabolism/  
ESTERASES, metabolism/ MODELS,  
CHEMICAL/ \*TYROSINE, metabolism

3462. Kunicki A: To the discussion of surgical treatment of  
the encephalic supratentorial arteriovenous  
aneurysms. Progr Brain Res 30:401-2, 1968  
\*ARTERIOVENOUS FISTULA, surgery/  
\*BRAIN NEOPLASMS, surgery/  
\*HEMANGIOMA, surgery/ HUMAN/  
LOCOMOTION

3463. Kunicki A: To the discussion of arterio-venous  
anomalies. Progr Brain Res 30:397-401, 1968  
ADULT/ \*ARTERIOVENOUS FISTULA,  
congenital/ ARTERIOVENOUS FISTULA,  
surgery/ ARTERIOVENOUS  
MALFORMATIONS/ \*BRAIN NEOPLASMS,  
complications/ EPILEPSY, complications/  
FEMALE/ \*HEMANGIOMA, complications/  
HUMAN/ MALE/ MIDDLE AGE/  
PNEUMOENCEPHALOGRAPHY

3464. Kunst VA, Rosier JG: Au antigen in at-risk patients.  
Lancet 1:423-4, 21 Feb 70  
ALANINE AMINOTRANSFERASE, blood/ GEL  
DIFFUSION TESTS/ HEMODIALYSIS, adverse  
effects/ HEMOPHILIA, immunology/  
HEPATITIS ASSOCIATED ANTIGEN/  
HEPATITIS, HOMOLOGOUS SERUM,  
immunology/ \*HEPATITIS VIRUS,  
HOMOLOGOUS SERUM/ HUMAN/ KIDNEY,  
transplantation/ TRANSPLANTATION,  
HOMOLOGOUS

3465. Kunze H, Krämer D: Antibiotisch-enzymatische  
Lokalbehandlung der chronischen Osteomyelitis.  
Med Klin 64:1608-10, 5 Sep 69 (Ger)  
ADOLESCENCE/ ADULT/ CHILD/ CHRONIC  
DISEASE/ DRUG SYNERGISM/ FEMALE/  
\*FRAMYCETIN, administration & dosage/  
HUMAN/ MALE/ MIDDLE AGE/  
\*OSTEOMYELITIS, drug therapy/  
OSTEOMYELITIS, radiography/  
OSTEOMYELITIS, surgery/ \*TRYPSIN,  
administration & dosage

3466. Künzer W, Schindera F, Ittermayer C: Fetale  
Endokarditis und Verbrauchskoagulopathie bei  
einem Neugeborenen.  
Deutsch Med Wschr 95:1107-15, 15 May 70 (Ger)  
ACIDOSIS, complications/ AMNIOTIC FLUID/  
ASPIRATION/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION FACTORS, metabolism/  
\*ENDOCARDITIS, complications/ ENGLISH  
ABSTRACT/ \*FETAL DISEASES/  
HEMOLYSIS/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, INFECTIOUS/ SHOCK,  
complications

3467. Künzer W, Schindera F, Mittermayer C: Fetale  
Endokarditis und Verbrauchskoagulopathie bei  
einem Neugeborenen.  
Deutsch Med Wschr 95:1107-15, 15 May 70 (Ger)  
ACIDOSIS, complications/ AMNIOTIC FLUID/  
ASPIRATION/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION FACTORS, metabolism/  
\*ENDOCARDITIS, complications/ ENGLISH  
ABSTRACT/ \*FETAL DISEASES/  
HEMOLYSIS/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, INFECTIOUS/ SHOCK,  
complications



# AUTHOR SECTION

3468. Kupfer D, Orrenius S: Characteristics of guinea pig liver and adrenal monooxygenase systems. *Molec Pharmacol* 6:221-30, May 70  
ADRENAL GLANDS, drug effects/ \*ADRENAL GLANDS, enzymology/ AMINOPYRINE, analysis/ AMINOPYRINE, metabolism/ AMINOPYRINE, pharmacodynamics/ ANILINE COMPOUNDS, analysis/ ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ \*CYTOCHROMES, metabolism/ FATTY ACIDS, metabolism/ GUINEA PIGS/ HEXOBARBITAL, analysis/ HEXOBARBITAL, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ MALE/ MICROSOMES, LIVER, drug effects/ \*MICROSOMES, LIVER, enzymology/ NADP, metabolism/ OXIDATION-REDUCTION/ SPECTRUM ANALYSIS/ SUCCINATES, pharmacodynamics/ VITAMIN K, pharmacodynamics
3469. Kupnovitskaia IG: Vliianie novokaina na techenie éksperimental'nykh izadrinovnykh nekrozov miokarda. *Farmakol Toksik* 33:295-7, May-Jun 70 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD SEDIMENTATION/ BODY TEMPERATURE, drug effects/ BODY WEIGHT, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ HEART DISEASES, chemically induced/ \*HEART DISEASES, prevention & control/ HEART RATE, drug effects/ \*ISOPROTERENOL, antagonists & inhibitors/ LEUKOCYTE COUNT/ NECROSIS, chemically induced/ \*NECROSIS, prevention & control/ \*PROCAINE, pharmacodynamics/ RESPIRATION, drug effects
3470. Kuramitsu H, Saotome K, Motegi H, et al: [Changes in electrocardiography in hypertensive cerebral hemorrhage. 2. Post-surgical follow-up of hypertensive cerebral hemorrhage] *Saishin Igaku* 24:1547-52, Jul 69 (Jap)  
\*CEREBRAL HEMORRHAGE, etiology/ \*CEREBRAL HEMORRHAGE, surgery/ \*ELECTROCARDIOGRAPHY/ FOLLOW-UP STUDIES/ HEMATOMA, surgery/ HUMAN/ \*HYPERTENSION, complications/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE
3471. Kuramoto A, Steiner M, Baldini MG: Lack of platelet response to stimulation in the Wiskott-Aldrich syndrome. *New Eng J Med* 282:475-9, 26 Feb 70  
\*ALDRICH SYNDROME, blood/ ALDRICH SYNDROME, familial & genetic/ ALDRICH SYNDROME, metabolism/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON DIOXIDE/ CARBON ISOTOPES/ CHILD/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GLYCOLYSIS/ HEXOSEPHOSPHATES, metabolism/ HUMAN/ IODOACETATES, pharmacodynamics/ KREBS CYCLE/ LACTATES, biosynthesis/ LATEX PARTICLES/ MALE/ METHYLENE BLUE, pharmacodynamics/ POLYSTYRENES, pharmacodynamics/ STIMULATION, CHEMICAL
3472. Kuramoto A, Steiner M, Baldini MG: Metabolic basis of platelet phagocytosis. *Biochim Biophys Acta* 201:471-8, 24 Mar 70  
AMOBARBITAL, pharmacodynamics/ BLOOD PLATELETS, metabolism/ \*BLOOD PLATELETS, physiology/ CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ CYANIDES, pharmacodynamics/ ELECTRON TRANSPORT/ GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ HUMAN/ KREBS CYCLE, drug effects/ LACTATES, biosynthesis/ LATEX PARTICLES/ MICROSCOPY, PHASE CONTRAST/ MITOCHONDRIA, metabolism/ OXYGEN, pharmacodynamics/ PHAGOCYTOSIS
3473. Kurban AK: Fibrinolytic activity and the skin. *Brit J Derm* 82:76-7, Jan 70 (20 ref.)  
ANTIFIBRINOLYTIC AGENTS, analysis/ BLOOD COAGULATION FACTORS, analysis/ COMPLEMENT/ \*FIBRINOLYSIS/ KALLIKREIN/ KININS/ REVIEW/ SKIN, analysis/ \*SKIN DISEASES, physiopathology
3474. Kurban AK, Ryan TJ: Fibrinogen titre, fibrinolysis and platelet stickiness correlated with capillary bleeding or block in the skin. *Trans St John Hosp Derm Soc* 55:218-22, 1969  
\*BLOOD PLATELETS/ CAPILLARIES, pathology/ \*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ PLATELET ADHESIVENESS/ SERUM GLOBULINS/ \*SKIN DISEASES, physiopathology/ VASCULAR DISEASES, physiopathology
3475. Kurguzov OP: Sostoianie svertyvalushchei sistemy krovi v rannem periode sindroma dlitel'nogo razdavlivaniia. *Pat Fiziol Eksp Ter* 11:74-5, Jul-Aug 67 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ DOGS/ \*KIDNEY FAILURE, ACUTE, blood/ TIME FACTORS
3476. Kurien VA, Oliver MF: Free fatty acid induced arrhythmias during experimental myocardial infarction in dogs. *Brit Heart J* 32:556, Jul 70  
ANIMAL EXPERIMENTS/ \*ARRHYTHMIA, chemically induced/ DOGS/ \*FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN/ \*MYOCARDIAL INFARCT/ TACHYCARDIA, chemically induced
3477. Kurokawa I, Kimura T, Ueno Y, et al: [Preservation of the erythrocyte for examination and morphological study] *Jap J Clin Path* 17:675-82, Sep 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD PRESERVATION/ EDTA, pharmacodynamics/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES, cytology/ ERYTHROCYTES, cytology/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ OXALATES, pharmacodynamics/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ VITAMIN E, pharmacodynamics
3478. Kurtewa B: Über die Bedeutung der Gm-Serumgruppen in der Bluttransfusionspraxis. *Folia Haemat (Leipzig)* 92:287-94, 1969 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, HEMOLYTIC, immunology/ ANEMIA, HYPOCHROMIC, immunology/ \*BLOOD GROUPS/ \*BLOOD TRANSFUSION/ FEMALE/ HUMAN/ ISOANTIBODIES, analysis/ ISOANTIGENS, analysis/ LEUKEMIA, immunology/ MALE/ MIDDLE AGE/ THALASSEMIA, immunology/ THROMBOPENIA, immunology
3479. Kurth D, Deiss A, Cartwright GE: Circulating siderocytes in human subjects. *Blood* 34:754-64, Dec 69  
ANEMIA, APLASTIC, blood/ ANEMIA, HEMOLYTIC, blood/ ANEMIA, HYPOCHROMIC, blood/ ANEMIA, SIDEROBLASTIC, blood/ ATROPHY, blood/ ERYTHROCYTE COUNT/ \*ERYTHROCYTES, metabolism/ HODGKIN'S DISEASE, blood/ HUMAN/ \*IRON, blood/ LEUKEMIA, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LYMPHOMA, blood/ MULTIPLE MYELOMA, blood/ MYELOFIBROSIS, blood/ POLYCYTHEMIA, blood/ PURPURA, THROMBOPENIC, blood/ RETICULOCYTES, metabolism/ SPLENECTOMY/ SPLENIC DISEASES, blood/ STAINS AND STAINING/ THALASSEMIA, blood
3480. Kuruma I, Okada T, Kataoka K, et al: Ultrastructural observation of 5-hydroxytryptamine-storing granules in the domestic fowl thrombocytes. *Z Zellforsch* 108:268-81, 1970  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ CENTRIFUGATION/ CYTOPLASMIC GRANULES/ FEMALE/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ \*POULTRY/ RESERPINE, pharmacodynamics/ \*SEROTONIN, metabolism/ SPECTROPHOTOMETRY
3481. Kuś H, Lucký J: Leczenie trombolityczne w zakrzepicy



## AUTHOR SECTION

głębokich żył kończyny górnej (w zespole Pageta-Schroettera)

Pol Przegl Chir 41:1371-6, Oct 69 (Pol)

\*AXILLARY VEIN, radiography/ ENGLISH  
ABSTRACT/ HUMAN/ \*INTERMITTENT  
CLAUDICATION, drug therapy/ MALE/  
MIDDLE AGE/ PHLEBOGRAPHY/  
\*STREPTOKINASE, therapeutic use/  
\*THROMBOPHLEBITIS, drug therapy

3482. Küsel HJ: Über die lokale Fibrinolyse im Hals-Nasen-Ohrengesicht. HNO 17:335-8, Nov 69 (Ger)  
\*FIBRINOLYSIS/ HUMAN/  
\*OTORHINOLARYNGOLOGIC DISEASES, complications/ POSTOPERATIVE COMPLICATIONS/ TONSILLECTOMY

3483. Kushelevskii BP: Vozmozhno li razvitiie gemorragicheskikh oslozhnenii pri prieme antikoagulantov na fone vysokogo urova protrombina? Ter Arkh 41:111-2, Apr 69 (Rus)  
ABORTION, CRIMINAL/ ADOLESCENCE/  
\*ANTICOAGULANTS, adverse effects/ CASE REPORT/ FEMALE/ \*HEMORRHAGE, etiology/ HUMAN/ PREGNANCY/ \*PROTHROMBIN

3484. Kutakov OI, Dubrovskii RA: Gigantskaya angiofibroma spiny. Khirurgiya (Moskva) 46:106-8, May 70 (Rus)  
ADULT/ \*ANGIOMA, SCLEROSING, surgery/  
\*BACK/ BLOOD TRANSFUSION/ CASE REPORT/ FEMALE/ HEMOSTASIS/ HUMAN

3485. Kuylenstierna B, Nicholls DG, Hövmöller S, et al: Effect of trypsin on mitochondrial and microsomal enzymes. Europ J Biochem 12:419-26, Feb 70  
ADENINE NUCLEOTIDES/ ANIMAL EXPERIMENTS/ CYTOCHROMES/ DEPRESSION, CHEMICAL/ EDTA, pharmacodynamics/ ELECTRON TRANSPORT/ FERRICYANIDES/ IMINES/ KINETICS/ LIVER, cytology/ MALE/ MEMBRANES, drug effects/ MEMBRANES, enzymology/ MICROSOMES, LIVER, drug effects/ \*MICROSOMES, LIVER, enzymology/ \*MITOCHONDRIA, LIVER, enzymology/ NAD/ OSMOLAR CONCENTRATION/ \*OXIDOREDUCTASES, metabolism/ \*PHOSPHOTRANSFERASES, metabolism/ POTASSIUM CHLORIDE/ QUINONES/ RATS/ ROTENONE/ SOLUBILITY/ SPECTROPHOTOMETRY/ \*TRYPSIN

3486. Kuzman WJ: Primary pulmonary hypertension. Med Times 98:151-62, Mar 70  
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ CARDIOVASCULAR DISEASES, complications/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART CATHETERIZATION/ HUMAN/  
\*HYPERTENSION, PULMONARY, diagnosis/ HYPERTENSION, PULMONARY, drug therapy/ HYPERTENSION, PULMONARY, pathology/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ PULMONARY ARTERY, pathology/ THORACIC RADIOGRAPHY/ TOLAZOLINE, therapeutic use

3487. Kuznik BI, Kuzmenko EL, Al'nikov GP: O roli leukotsitov v protsesse svertyvaniia krvi pri khronicheskom limfadenozie. Probl Gemat 14:3-7, Mar 69 (Rus)  
\*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ \*LEUKEMIA, LYMPHOCYTIC, blood/ \*LEUKOCYTES/  
\*TISSUE EXTRACTS, pharmacodynamics

3488. Kuznik BI, Mishchenko VP, Ruslaev VF: Vascular electric activity and secretion of tissue blood coagulation factors into total blood flow after choline chloride injection. Cor Vasa 11:146-53, 1969  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ \*BLOOD VESSELS, drug effects/ CAROTID ARTERIES, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ \*CHLORIDES, pharmacodynamics/ \*CHOLINE, pharmacodynamics/ DOGS/ FEMALE/

JUGULAR VEIN, drug effects/ MALE/  
\*MEMBRANE POTENTIALS, drug effects/  
PERFUSION/ PLASMINOGEN, blood/  
\*PLASMINOGEN, secretion/ STIMULATION, CHEMICAL/ THROMBOPLASTIN, blood/  
\*THROMBOPLASTIN, secretion

3489. Kvarstein B: A methodological study of human leucocyte adhesiveness to glass beads. Scand J Clin Lab Invest 23:259-70, May 69  
ADHESIVENESS/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/  
\*GLASS/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*LEUKOCYTES/ METHODS/ OXALATES, pharmacodynamics/ TEMPERATURE

3490. Kvarstein B: Effects of proteins and inorganic ions on the adhesiveness of human leucocytes to glass beads. Scand J Clin Lab Invest 24:41-8, Aug 69  
ADHESIVENESS/ BLOOD/ CALCIUM, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ GLASS/ HEMODIALYSIS/ HUMAN/ \*LEUKOCYTES, drug effects/ MAGNESIUM, pharmacodynamics/ PLASMA/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ \*SURFACE PROPERTIES

3491. Kwaan HC, Cocco A, Mendeloff AI, et al: Fibrinolytic activity in the normal and inflamed rectal mucosa. Scand J Gastroent 4:441-5, 1969  
BIOPSY/ COLITIS, ULCERATIVE, complications/ \*COLITIS, ULCERATIVE, pathology/ \*ENTERITIS, REGIONAL, pathology/ FIBRIN/ \*FIBRINOLYSIS/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HISTOCYTOCHEMISTRY/ HUMAN/ INTESTINAL MUCOSA, cytology/  
\*INTESTINAL MUCOSA, pathology/ PEPTIDE HYDROLASES, metabolism/ PROCTITIS, etiology/ \*PROCTITIS, pathology/ RADIOTHERAPY, adverse effects/ RECTUM, cytology/ \*RECTUM, pathology/ SIGMOIDOSCOPY

3492. Kyselka R, Schramm G, Beck O: Quantitative und qualitative Veränderungen saurer Mukopolysaccharide im Urin bei Erkrankungen des Skelettsystems. Beitr Orthop Trauma 16:552-8, Oct 69 (Ger)  
ADOLESCENCE/ \*BONE DISEASES, urine/ CHILD/ CHONDROITIN, urine/ CLEIDOCRANIAL DYSOSTOSIS, urine/ FEMALE/ HEPARIN, urine/ HUMAN/ HYALURONIC ACID, urine/ KERATIN, urine/ LIPOCHONDRODYSTROPHY, urine/ MALE/ MENTAL RETARDATION, urine/  
\*MUCOPOLYSACCHARIDES, urine/ OSTEITIS DEFORMANS, urine/ OSTEONEGENESIS IMPERFECTA, urine/ SCOLIOSIS, urine

3493. Kyu MH, Cavanagh JB: Some effects of porto-caval anastomosis in the male rat. Brit J Exp Path 51:217-27, Apr 70  
ADHESIONS/ AMMONIA, blood/ ANIMAL EXPERIMENTS/ APPETITE/ BODY WEIGHT/ KIDNEY, anatomy & histology/ LIVER, anatomy & histology/ MALE/ ORGAN WEIGHT/ \*PORTACAVAL ANASTOMOSIS/ POSTOPERATIVE COMPLICATIONS/ RATS/ SPLEEN, anatomy & histology/ TESTIS, anatomy & histology

### L

3494. Laake K: Shwartzmans fenomen. T Norsk Laegeforen 90:1629-30, 1 Sep 70 (Nor)  
ADOLESCENCE/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*SHWARTZMAN PHENOMENON/  
WATERHOUSE-FRIDERICHSEN SYNDROME

3495. Labinskaya AS, Ponomareva EP: Deistvie bitsillina na biologicheskie i serologicheskie svoistva streptokokkov (po materialam klinicheskikh nabludenii) Antibiotiki 14:767-70, Aug 69 (Rus)  
ANTIGENS, analysis/ DEPRESSION, CHEMICAL/ HUMAN/ HYALURONIDASE, antagonists & inhibitors/ MICROBIAL SENSITIVITY TESTS/ \*PENICILLIN G,



## AUTHOR SECTION

- BENZATHINE, pharmacodynamics/  
RHEUMATISM, microbiology/  
STREPTOCOCCUS, analysis/ STREPTOCOCCUS,  
cytology/ \*STREPTOCOCCUS, drug effects/  
STREPTOCOCCUS, enzymology/  
STREPTOCOCCUS, immunology/  
STREPTOCOCCUS, isolation & purification/  
STREPTOKINASE, analysis/ STREPTOLYSIN,  
antagonists & inhibitors/ TIME FACTORS
3496. Laborit H, Ornellas MR: Hyperlactacidemia as a factor of thrombocyte adhesiveness.  
Experientia 25:1035-6, 15 Oct 69  
ADENINE NUCLEOTIDES, blood/ \*BLOOD  
PLATELETS/ EPINEPHRINE,  
pharmacodynamics/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ \*LACTATES, blood/ NAD/  
PLATELET ADHESIVENESS/ POTASSIUM  
CHLORIDE, pharmacodynamics/ RATS/  
SPECTROPHOTOMETRY
3497. La Celle PL: Alteration of deformability of the erythrocyte membrane in stored blood.  
Transfusion 9:238-45, Sep-Oct 69  
ADENOSINE TRIPHOSPHATE, blood/ \*BLOOD  
PRESERVATION/ \*CELL MEMBRANE/  
\*ERYTHROCYTES, cytology/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
NUCLEOSIDES, pharmacodynamics/ SPLEEN,  
blood supply/ TIME FACTORS
3498. Lache M, Hearn WR, Zyskind JW, et al: Specificity of a bacteriolytic enzyme from *Pseudomonas aeruginosa*.  
J Bact 100:254-9, Oct 69  
AMINOHYDROLASES, analysis/  
\*BACTERIOLYSIS/ CELL WALL/  
CHROMATOGRAPHY/ PEPTIDE  
HYDROLASES, analysis/ \*PSEUDOMONAS  
AERUGINOSA, enzymology/  
STAPHYLOCOCCUS
3499. Lackner H, Hunt V, Zucker MB, et al: Abnormal fibrin ultrastructure, polymerization, and clot retraction in multiple myeloma. Brit J Haemat 18:625-36, Jun 70  
AGED/ \*BLOOD COAGULATION TESTS/  
BLOOD PLATELETS, physiopathology/ CLOT  
RETRACTION/ \*FIBRIN/ FIBRINOGEN/  
HUMAN/ MALE/ MICROSCOPY, ELECTRON/  
MIDDLE AGE/ \*MULTIPLE MYELOMA,  
blood/ MULTIPLE MYELOMA,  
physiopathology/ PROTHROMBIN TIME/  
THROMBIN
3500. Ladefoged J, Steiness I: Intra-abdominal bleeding complicating peritoneal dialysis.  
Lancet 1:190, 24 Jan 70  
\*ABDOMINAL WALL/ ADULT/  
\*HEMORRHAGE, etiology/ HUMAN/ KIDNEY  
FAILURE, ACUTE, therapy/ MALE/  
\*PERITONEAL DIALYSIS, adverse effects/  
\*STREPTOKINASE, therapeutic use
3501. Laffargue P, Cabanne F, Nosny Y: Les hémangioépicytomes de l'utérus.  
Ann Anat Path (Paris) 14:195-212, Apr-Jun 69 (Fre)  
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/  
ENDOMETRIOSIS, diagnosis/ ENGLISH  
ABSTRACT/ FEMALE/  
HEMANGIOENDOTHELIOMA, diagnosis/  
HEMANGIOMA, diagnosis/  
\*HEMANGIOEPICYTOMA/  
HEMANGIOEPICYTOMA, diagnosis/  
HEMANGIOEPICYTOMA, etiology/  
HEMANGIOEPICYTOMA, mortality/  
HEMANGIOEPICYTOMA, pathology/ HUMAN/  
HYSTERECTOMY/ LEIOMYOSARCOMA,  
diagnosis/ MIDDLE AGE/ MYOMA, diagnosis/  
PROGNOSIS/ \*UTERINE NEOPLASMS/  
UTERINE NEOPLASMS, diagnosis/ UTERINE  
NEOPLASMS, etiology/ UTERINE  
NEOPLASMS, mortality/ UTERINE  
NEOPLASMS, pathology/ UTERUS, pathology
3502. Laghi V, Mango G, Fagiolo E: Aspetti quantitativi ed immunologici delle piastrine e dei leucociti in corso di anemia emolitica autoimmune (AEA)  
Folia Allerg (Roma) 17:149-53, Mar-Apr 70 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, complications/  
\*ANEMIA, HEMOLYTIC, AUTOIMMUNE,  
immunology/ \*ANTIBODIES, analysis/ BLOOD  
CELL COUNT/ \*BLOOD PLATELETS,  
immunology/ FEMALE/ HUMAN/  
\*LEUKOCYTES, immunology/ LEUKOPENIA,  
etiology/ MALE/ MIDDLE AGE/  
THROMBOPENIA, etiology
3503. Lagrot F, Costagliola M, Micheau P, et al: Une observations de nécrose cutanée des organes génitaux externes. Ann Chir 23:1267-71, Nov 69 (Fre)  
ADULT/ ENGLISH ABSTRACT/ \*GANGRENE/  
GANGRENE, surgery/ HEPARIN,  
administration & dosage/ HUMAN/ MALE/  
\*PENILE DISEASES/ \*SCROTUM/ SKIN,  
transplantation/ THROMBOEMBOLISM,  
complications/ THROMBOEMBOLISM, drug  
therapy/ TRANSPLANTATION, HOMOLOGOUS
3504. Lagutina NIa: O gemostaticheskom deistvii serotonin pri gipo- i aplasticheskikh anemiyakh.  
Probl Gemat 14:19-21, Mar 69 (Rus)  
\*ADIPIC ACID, therapeutic use/ \*ANEMIA,  
APLASTIC, drug therapy/ \*CREATININE,  
therapeutic use/ ENGLISH ABSTRACT/  
HEMORRHAGE, drug therapy/  
\*HEMOSTATICS, therapeutic use/ HUMAN/  
\*SEROTONIN, therapeutic use/ SULFATES,  
therapeutic use
3505. Laidlaw SJ: Platelet adhesiveness as a diagnostic tool.  
Canad J Med Techn 32:112-9, Jun 70  
BLOOD CELL COUNT/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
\*BLOOD PLATELETS/ HUMAN/ PLATELET  
ADHESIVENESS/ POSTOPERATIVE  
COMPLICATIONS, diagnosis
3506. Lainé E, Delahousse J, Christiaens JL, et al: De l'anosognosie à la fabulation concernant l'hémicorps paralyséchez l'hémiplégique gauche.  
Ann Medicopsychol (Paris) 2:672-80, Dec 69 (Fre)  
AGNOSIA/ CEREBRAL CORTEX, surgery/  
ELECTROENCEPHALOGRAPHY/ FANTASY/  
FEMALE/ HEMATOMA, complications/  
\*HEMIPLEGIA, complications/ HUMAN/  
MALE/ MENTAL DISORDERS, complications/  
MENTAL DISORDERS, etiology/ MIDDLE  
AGE/ NEUROLOGIC MANIFESTATIONS/  
\*PERCEPTUAL DISORDERS, complications/  
PERCEPTUAL DISORDERS, etiology
3507. Lalwah AC, Goudie RB, Goldberg DM, et al: Australia antigen in west of Scotland and north of England.  
Lancet 2:121-3, 18 Jul 70  
ADULT/ ANTIBODIES, analysis/ BLOOD  
TRANSFUSION/ ENGLAND/ FEMALE/  
FIBRINOGEN, adverse effects/ FIBRINOGEN,  
diagnostic use/ HEMODIALYSIS/ HEPATITIS  
ASSOCIATED ANTIGEN, analysis/ HEPATITIS,  
HOMOLOGOUS SERUM, etiology/ HEPATITIS,  
HOMOLOGOUS SERUM, immunology/  
HEPATITIS, INFECTIOUS, immunology/  
\*HEPATITIS VIRUS, HOMOLOGOUS SERUM/  
HOSPITALS, GENERAL/ HUMAN/ IODINE  
ISOTOPES/ KIDNEY DISEASES, therapy/  
MALE/ MONGOLISM, immunology/  
SCOTLAND/ THROMBOPHLEBITIS, diagnosis
3508. Lakier JB, Fritz VU: Consumptive coagulopathy caused by a boomslang bite. S Afr Med J 43:1052-5, 23 Aug 69  
ADULT/ ANTIVENINS, therapeutic use/  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
FINGER INJURIES, complications/  
\*HEMOLYSIS/ HEPARIN, therapeutic use/  
HUMAN/ HYDROCORTISONE, therapeutic use/  
MALE/ PROTHROMBIN TIME/ \*SNAKE  
BITES, complications/ SNAKE BITES, drug  
therapy/ VENOMS, pharmacodynamics
3509. Lakin KM: Eksperimental'noe issledovanie antikoagulyantov monokumarinovogo riada.  
Kardiologiya 9:80-7, Jul 69 (Rus)  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, pharmacodynamics/  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION FACTORS,  
biosynthesis/ BLOOD COAGULATION TESTS/  
\*CORONARY VESSELS, drug effects/



## AUTHOR SECTION

\*COUMARINS, pharmacodynamics/ ENGLISH  
ABSTRACT/ RABBITS

3510. Lakin KM, Efimov VS, Polonskaia LB: Inhibitor fibrinoliza iz podzhehudochnoi zhelezy pontripin. Farmakol Toksik 32:712-5, Nov-Dec 69 (Rus)

\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ \*BENZOATES,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
\*DRUG SYNERGISM/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOLYSIS, drug effects/  
MALE/ PANCREAS/ \*PEPTIDES,  
pharmacodynamics/ RABBITS/ RATS/  
STIMULATION, CHEMICAL/  
\*STREPTOKINASE, pharmacodynamics/  
TISSUE EXTRACTS, pharmacodynamics

3511. Lakin KM, Efimov VS, Barsukov II: Apparat dlia avtomaticheskogo opredelenia tolerantnosti krovi k geparinu. Farmakol Toksik 33:371-6, May-Jun 70 (Rus)

BLOOD COAGULATION, drug effects/  
\*BLOOD COAGULATION TESTS,  
instrumentation/ ENGLISH ABSTRACT/  
\*HEPARIN, pharmacodynamics

3512. Lakin KM, Zimakov IaA, Plushchev VE, et al: Antikoagulantnaia aktivnost' solei redkozemel'nykh elementov. Farmakol Toksik 33:205-10, Mar-Apr 70 (Rus)

ANIMAL EXPERIMENTS/ ARTERIES/  
\*BLOOD COAGULATION, drug effects/  
\*BLOOD PRESSURE, drug effects/ CERIUM,  
pharmacodynamics/ CHEMISTRY, PHYSICAL/  
COMPARATIVE STUDY/ DEPRESSION,  
CHEMICAL/ DYSPROSIUM, pharmacodynamics/  
\*ELEMENTS, pharmacodynamics/ ENGLISH  
ABSTRACT/ ERBIUM, pharmacodynamics/  
GADOLINIUM, pharmacodynamics/ HEPARIN,  
blood/ HOLMIUM, pharmacodynamics/  
LANTHANUM, pharmacodynamics/ LUTETIUM,  
pharmacodynamics/ NEODYMIUM,  
pharmacodynamics/ PRASEODYMIUM,  
pharmacodynamics/ \*PROPIONATES,  
pharmacodynamics/ RABBITS/ RATS/  
\*RESPIRATION, drug effects/ SAMARIUM,  
pharmacodynamics/ STIMULATION,  
CHEMICAL/ TERBIUM, pharmacodynamics/  
TIME FACTORS/ YTTERBIUM,  
pharmacodynamics/ YTTRIUM,  
pharmacodynamics

3513. Lallouette P, Richou R, Schwartz A: Staphylocoagulase, immunité spécifique et inflammation. Rev Immun (Paris) 34:39-45, Jan-Mar 70 (Fre)

ANIMAL EXPERIMENTS/ ANTITOXINS,  
analysis/ \*COAGULASE/ COAGULASE,  
analysis/ COAGULASE, pharmacodynamics/  
ENGLISH ABSTRACT/ HEMOLYSINS,  
analysis/ IMMUNE SERUMS/ IMMUNIZATION/  
INFLAMMATION, chemically induced/ MICE/  
NECROSIS, chemically induced/ RABBITS/  
STAPHYLOCOCCAL TOXOID/ TOXINS,  
analysis

3514. Lambert PB, Ming SC, Palmerio C: Vasomotor factors in the Shwartzman phenomenon. Amer J Path 57:559-80, Dec 69

ANIMAL EXPERIMENTS/ ARTERIES/  
CAPILLARIES, pathology/ EAR, blood supply/  
ENDOTOXINS/ \*HEMORRHAGE, pathology/  
KIDNEY, blood supply/ KIDNEY, innervation/  
KIDNEY, pathology/ MICRORADIOGRAPHY/  
POSTMORTEM CHANGES/ RABBITS/  
\*SHWARTZMAN PHENOMENON, pathology/  
SKIN, blood supply/ SKIN, innervation/ SKIN,  
pathology/ THROMBOSIS, pathology/  
\*VASOMOTOR SYSTEM, pathology

3515. Lambert J, Welsgerber C, Rossier A: Syndrome myélo-monocytaire du nourrisson. A propos d'une observation. Ann Pediat (Paris) 17:436-41, Jun-Jul 70 (Fre)

ADRENAL CORTEX HORMONES, therapeutic  
use/ BLOOD CELL COUNT/ BONE MARROW,  
analysis/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ HEPATOMEGALY, etiology/  
HUMAN/ INFANT/ KARYOTYPING/  
\*LEUKEMIA, MYELOCYTIC/ LEUKEMIA,

MYELOCYTIC, complications/ LEUKEMIA,  
MYELOCYTIC, diagnosis/ LEUKEMIA,  
MYELOCYTIC, drug therapy/ LEUKEMIA,  
MYELOCYTIC, etiology/ MALE/ SPLEEN,  
analysis/ \*SPLENOMEGALY, etiology/  
THROMBOPENIA, drug therapy/  
\*THROMBOPENIA, etiology

3516. Lambie JM, Barber DC, Dhall DP, et al: Dextran 70 in prophylaxis of postoperative venous thrombosis. A controlled trial. Brit Med J 2:144-5, 18 Apr 70

CLINICAL RESEARCH/ COMPARATIVE  
STUDY/ \*DEXTRAN, therapeutic use/  
FEMALE/ FIBRINOGEN, diagnostic use/  
GYNECOLOGIC DISEASES, surgery/ HUMAN/  
IODINE ISOTOPES, DIAGNOSTIC/ MIDDLE  
AGE/ \*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ PROSPECTIVE  
STUDIES/ THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, drug therapy/  
\*THROMBOPHLEBITIS, prevention & control/  
WARFARIN, therapeutic use

3517. Lambie JM, Mahaffy RG, Barber DC, et al: Diagnostic accuracy in venous thrombosis. Brit Med J 2:142-3, 18 Apr 70

ADULT/ AGED/ \*FIBRINOGEN,  
diagnostic use/ HUMAN/ \*IODINE ISOTOPES,  
DIAGNOSTIC/ MIDDLE AGE/ PHYSICAL  
EXAMINATION/ POSTOPERATIVE  
COMPLICATIONS, diagnosis/ PULMONARY  
EMBOLISM, prevention & control/  
RADIOISOTOPE SCANNING/  
\*THROMBOPHLEBITIS, diagnosis/  
THROMBOPHLEBITIS, etiology

3518. Lamensans A, Chedid L, Laurent M, et al: Etude comparative de la détoxification d'une endotoxine radioactive (51Cr) par du sérum citraté et de l'extrait de rate. Ann Inst Pasteur (Paris) 117:756-67, Dec 69 (Fre)

ADRENALECTOMY/ ANIMAL EXPERIMENTS/  
ANTIGENS/ \*BLOOD/ CHROMIUM ISOTOPES/  
\*CITRATES, pharmacodynamics/ DIALYSIS/  
\*ENDOTOXINS, toxicity/ ENGLISH  
ABSTRACT/ ESCHERICHIA COLI/ IMMUNE  
SERUMS, pharmacodynamics/  
\*LIPOPOLYSACCHARIDES, toxicity/ MICE/  
PEPTIDE HYDROLASES, pharmacodynamics/  
PRECIPITIN TESTS/ SALMONELLA/  
\*SPLEEN/ \*TISSUE EXTRACTS,  
pharmacodynamics

3519. Lamisse F, Gautier J, Ginies G: L'attente hépatique au cours des décompensations respiratoires aiguës des broncho-pneumopathies chroniques. Cah Coll Med Hop Paris 10:1097-108, 15 Nov 69 (Fre)

ACIDOSIS, RESPIRATORY, complications/  
ACIDOSIS, RESPIRATORY, diagnosis/ ACUTE  
DISEASE/ ALANINE AMINOTRANSFERASE,  
blood/ ALKALINE PHOSPHATASE, blood/  
AMMONIA, blood/ ANOXIA, physiopathology/  
ASPARTATE AMINOTRANSFERASE, blood/  
BILIRUBIN, blood/ \*BRONCHITIS,  
physiopathology/ CHOLESTEROL, blood/  
CHRONIC DISEASE, physiopathology/  
FEMALE/ FIBRINOGEN, analysis/ GAMMA  
GLOBULIN, analysis/ HUMAN/  
HYPERCAPNIA, physiopathology/ LACTATE  
DEHYDROGENASE, blood/ LIVER,  
enzymology/ LIVER, pathology/ \*LIVER,  
physiopathology/ MALE/ METABOLIC  
CLEARANCE RATE/ PROTHROMBIN TIME/  
RESPIRATORY INSUFFICIENCY, pathology/  
\*RESPIRATORY INSUFFICIENCY,  
physiopathology/ SERUM ALBUMIN/  
SULFOBROMOPHTHALEIN, metabolism

3520. Lamvik J, Moe PJ: Thymic dysplasia with immunological deficiency. Report of two unusual cases. Acta Path Microbiol Scand 76:349-60, 1969

\*AGAMMAGLOBULINEMIA, complications/  
AGRANULOCYTOSIS, etiology/ ANEMIA,  
HEMOLYTIC, etiology/ CASE REPORT/  
GASTROINTESTINAL DISEASES, etiology/  
HUMAN/ INFANT/ INFANT, NEWBORN/  
LUNG, pathology/ LYMPHOMA, etiology/  
MALE/ RESPIRATORY TRACT INFECTIONS,  
etiology/ SPLEEN, pathology/ SPLENIC  
NEOPLASMS, etiology/ THROMBOPENIA,



# AUTHOR SECTION

- etiology/ \*THYMUS GLAND, abnormalities/  
THYMUS GLAND, pathology
3521. Lancaster-Smith MJ: Delayed reaction to phenindione.  
Lancet 2:1011, 8 Nov 69  
AGED/ CASE REPORT/ DRUG  
HYPERSENSITIVITY, diagnosis/ HUMAN/  
\*HYPERSENSITIVITY, DELAYED, diagnosis/  
MALE/ \*PHENINDIONE, adverse effects
3522. Landman H, Markwardt F, Perlewitz J: Die  
Beeinflussung der Wirkung des Trypsins auf die  
Blutgerinnung durch natürliche und synthetische  
Trypsin- und Thrombininhibitoren.  
Thromb Diath Haemorrh 22:552-68, 31 Dec 69 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION, drug  
effects/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ CAROTID ARTERIES/  
CASEIN/ ENZYME ACTIVATION/  
FIBRINOGEN, metabolism/ HEPARIN,  
pharmacodynamics/ HIRUDIN,  
pharmacodynamics/ HUMAN/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
PROTHROMBIN/ RABBITS/ SERUM  
ALBUMIN, BOVINE/  
THROMBELASTOGRAPHY/ \*THROMBIN,  
antagonists & inhibitors/ \*TRYPSIN,  
pharmacodynamics/ \*TRYPSIN INHIBITORS,  
pharmacodynamics
3523. Landmann H, Markwardt F: Irreversible synthetische  
Inhibitoren der Urokinase.  
Experientia 26:145-7, 1970 (Ger)  
\*ANTIFIBRINOLYTIC AGENTS/ \*BENZOATES/  
CHEMISTRY/ ESTERS/ \*FIBRINOLYTIC  
AGENTS, antagonists & inhibitors/  
\*GUANIDINES/ \*ISOFLUROPHATE/  
KETONES/ KINETICS/ LYSINE/  
\*NITROBENZENES
3524. Landureau JC, Steinbuch M: Cyanocobalamine as a  
support of the in vitro cell growth-promoting activity  
of serum proteins. Experientia 25:1078-9, 15 Oct 69  
ALPHA GLOBULIN/ \*BLOOD PROTEINS,  
metabolism/ \*CULTURE MEDIA/ IN VITRO/  
INSECTS/ \*L CELLS/ MACROGLOBULINS/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ \*VITAMIN B 12, metabolism
3525. Landureau JC, Steinbuch M: In vitro, cell protective  
effects by certain antiproteases of human serum.  
Z Naturforsch [B] 25:231-2, Feb 70  
\*ALPHA GLOBULIN, pharmacodynamics/  
CATTLE/ CELL DIVISION, drug effects/  
CELL LINE/ CULTURE MEDIA/  
\*FIBROBLASTS, growth & development/  
HUMAN/ IN VITRO/ INSECTS/  
\*MACROGLOBULINS, pharmacodynamics/  
STIMULATION, CHEMICAL/ \*TISSUE  
CULTURE/ TRYPSIN INHIBITORS, blood/  
\*TRYPSIN INHIBITORS, pharmacodynamics
3526. Lang EK: Arteriographic demonstration of a cerebellar  
hematoma. J Louisiana Med Soc 121:322-3, Oct 69  
ACCIDENTS, TRAFFIC/ ADULT/ \*BRAIN  
INJURY, ACUTE, radiography/  
CEREBELLUM, injuries/ CEREBRAL  
ANGIOGRAPHY/ \*CEREBRAL HEMORRHAGE,  
radiography/ \*HEMATOMA/ HUMAN/ MALE/  
\*VERTEBRAL ARTERY, radiography
3527. Lang H, Breddin K, Rick W: Zur Resorption oral  
verabreichten Bromelins.  
Klin Wschr 47:106-7, 15 Jan 69 (Ger)  
\*ABSORPTION/ ANIMAL EXPERIMENTS/  
BLOOD/ \*BROMELAINS, metabolism/ CATS/  
DOSAGE FORMS/ ENGLISH ABSTRACT/  
FIBRINOLYSIS, drug effects/ HUMAN/  
INJECTIONS, INTRAVENOUS
3528. Lang K: Zur Therapie von Verdauungsstörungen in der  
Allgemeinpraxis.  
Z Allgemeinmed 45:1133-5, 31 Aug 69 (Ger)  
AMYLAASE, therapeutic use/ ASPERGILLUS,  
enzymology/ \*COLITIS, drug therapy/  
\*DIGESTANTS, therapeutic use/ \*DYSPEPSIA,  
drug therapy/ \*ENTEROCOLITIS, ACUTE,  
drug therapy/ GLYCOSIDE HYDROLASES,  
therapeutic use/ HUMAN/ PANCREATIN,  
therapeutic use/ PEPTIDE HYDROLASES,  
therapeutic use/ QUINOLINES, therapeutic  
use/ TISSUE EXTRACTS
3529. Lang PD, Insull W Jr: Lipid droplets in atherosclerotic  
fatty streaks of human aorta.  
J Clin Invest 49:1479-88, Aug 70  
ADOLESCENCE/ ADULT/ \*AORTA,  
metabolism/ ARTERIOSCLEROSIS, metabolism/  
\*ARTERIOSCLEROSIS, pathology/ CAUCASIAN  
RACE/ CHROMATOGRAPHY, GAS/  
CHROMATOGRAPHY, THIN LAYER/ FATTY  
ACIDS, analysis/ FATTY STREAK,  
ARTERIAL/ FEMALE/  
HISTOCYTOCHEMISTRY/ HUMAN/ \*LIPIDS,  
metabolism/ MALE/ MICROSCOPY,  
POLARIZATION/ MIDDLE AGE/ NEGROID  
RACE/ PHOSPHOLIPIDS, analysis
3530. Langan TA: Phosphorylation of liver histone following  
the administration of glucagon and insulin.  
Proc Nat Acad Sci USA 64:1276-83, Dec 69  
ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
metabolism/ AMINO ACID SEQUENCE/  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY, THIN LAYER/  
CORTICOTROPIN, pharmacodynamics/  
CYCLOHEXIMIDE, pharmacodynamics/  
DACTINOMYCIN, pharmacodynamics/  
\*GLUCAGON, pharmacodynamics/ \*HISTONES,  
metabolism/ HYDROCORTISONE,  
pharmacodynamics/ \*INSULIN,  
pharmacodynamics/ LIVER, drug effects/  
\*LIVER, metabolism/ LYSINE/ PHOSPHATES,  
metabolism/ \*PHOSPHORUS, metabolism/  
PHOSPHORUS ISOTOPES/ RATS/ RNA,  
biosynthesis/ SERINE, metabolism/ TRYPSIN
3531. Langenhuyzen MM: Prevention of the post-transfusion  
syndrome. Lancet 2:849, 18 Oct 69  
ADOLESCENCE/ ADULT/ ANTIBODIES,  
analysis/ BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION, adverse effects/  
CYTOMEGALIC INCLUSION DISEASE,  
etiology/ \*CYTOMEGALIC INCLUSION  
DISEASE, prevention & control/  
CYTOMEGALOVIRUSES, immunology/  
FEMALE/ GAMMA GLOBULIN, therapeutic  
use/ HUMAN
3532. Langer B, Wolosker M, Barros RT, et al: Alterações da  
coagulação sanguínea na malária falciparum.  
Apresentação de um caso tratado com anticoagulante.  
Rev Ass Med Brasil 16:79-82, Mar 70 (Spa)  
ADULT/ ANTIMALARIALS, therapeutic use/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ \*BLOOD COAGULATION  
DISORDERS, etiology/ ENGLISH ABSTRACT/  
\*HEPARIN, therapeutic use/ HUMAN/  
KIDNEY FAILURE, ACUTE, etiology/  
\*MALARIA, complications/ MALARIA, drug  
therapy/ MALE
3533. Langer BW Jr, Phisphumvidhi P, Jiampermpoon D, et  
al: Malarial parasite metabolism: the metabolism of  
methionine by Plasmodium berghei.  
Militt Med 134:1039-44, Sep 69  
ANIMAL EXPERIMENTS/ CELL-FREE  
SYSTEM/ \*MALARIA, metabolism/  
\*METHIONINE, metabolism/ METHYLATION/  
MICE/ PEPTIDE HYDROLASES/  
\*PLASMODIUM, metabolism/ TISSUE  
CULTURE
3534. Langfelder M, Pinter J: Erfahrungen mit an  
Zimmertemperatur gelagerten Einzelplasmen.  
Bibl Haemat 32:333-6, 1969 (Ge)  
ALPHA GLOBULIN, analysis/ BLOOD  
GROUPS/ \*BLOOD PRESERVATION/ BLOOD  
PROTEINS, analysis/ ELECTROPHORESIS/  
FIBRIN, analysis/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ PAPER/ \*PLASMA/  
POTASSIUM, blood/ SERUM ALBUMIN,  
analysis/ TEMPERATURE
3535. Langfitt TW: Increased intracranial pressure.  
Clin Neurosurg 16:436-71, 1969 (63 ref.)  
ACOUSTIC NERVE, surgery/ ANIMAL  
EXPERIMENTS/ BLOOD VISCOSITY/ BRAIN  
EDEMA, physiopathology/ BRAIN STEM,



## AUTHOR SECTION

- physiopathology/ CATS/ CEREBROSPINAL FLUID/ CEREBROVASCULAR CIRCULATION/ \*CEREBROVASCULAR DISORDERS, physiopathology/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ HUMAN/ HYPERTENSION, cerebrospinal fluid/ \*HYPERTENSION, physiopathology/ INTRACRANIAL PRESSURE/ MODELS, NEUROLOGIC/ MONKEYS/ NEURILEMMOMA, surgery/ PARALYSIS, physiopathology/ PERIPHERAL NERVE NEOPLASMS, surgery/ POSTURE/ PRESSURE/ REVIEW/ VASOMOTOR SYSTEM, physiopathology
3536. Laplane R, Polonovski C, Navarro J, et al: Pseudo-lléites. A propos de trois erreurs de diagnostic. Ann Pediat (Paris) 17:355-61, 2 May 70 (Fre) CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ENTERITIS, REGIONAL, diagnosis/ FEMALE/ HEMANGIOENDOTHELIOMA, diagnosis/ \*HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HUMAN/ \*ILEITIS, diagnosis/ ILEUM, pathology/ ILEUM, radiography/ INFANT/ INFANT, NEWBORN/ \*INTESTINAL NEOPLASMS, diagnosis/ INTESTINAL NEOPLASMS, surgery/ LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, pathology/ LYMPHANGIOMA, radiography/ \*LYMPHOSARCOMA, diagnosis/ MALE/ MELENA, etiology/ MESENTERIC ARTERIES, radiography
3537. Larcen A, Stoltz JF, Alexandre P: Effets antagonistes de l'héparine et du sulfate de protamine sur la mobilité électrophorétique des plaquettes. Path Biol (Paris) 17:729-32, Aug-Sep 69 (Fre) \*BLOOD PLATELETS, drug effects/ \*ELECTROPHORESIS/ ELECTROPHORESIS, instrumentation/ ENGLISH ABSTRACT/ HEPARIN, antagonists & inhibitors/ \*HEPARIN, pharmacodynamics/ PLATELET ADHESIVENESS/ \*PROTAMINES, pharmacodynamics/ SULFATES, pharmacodynamics
3538. Larcen A, Stoltz M: Reproduction expérimentale du phénomène de sludge. Angéologie 21:7-19, Jan-Feb 69 (Fre) ANIMAL EXPERIMENTS/ \*BLOOD PLATELET DISORDERS/ CAPILLARIES/ \*HEMAGGLUTINATION/ HUMAN/ RATS/ VASCULAR DISEASES
3539. Larcen A, Streiff F, Genetet B, et al: Modifications of some hemorheological characteristics (viscosity - sedimentation rate - erythrocyte morphology) after administration of certain plasma substitutes. Bibl Haemat 33:330-7, 1969 \*BLOOD SEDIMENTATION/ \*BLOOD VISCOSITY/ DEXTRAN/ \*ERYTHROCYTES, cytology/ FRUCTOSE/ GELATIN/ GLUCOSE/ HUMAN/ IN VITRO/ MANNITOL/ \*PLASMA SUBSTITUTES/ VISCOSITY
3540. Larena-Avellaneda A, Brehm H von: Massive Dünndarmblutungen. Chirurg 40:117-21, Mar 69 (Ger) ADOLESCENCE/ ADULT/ AGED/ AORTOGRAPHY/ CHORIOCARCINOMA, complications/ DIAGNOSIS, DIFFERENTIAL/ DIVERTICULOSIS, complications/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, CAVERNOUS, complications/ \*HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ INTESTINAL NEOPLASMS, complications/ \*INTESTINE, SMALL, radiography/ INTESTINE, SMALL, surgery/ LEIOMYOMA, complications/ MALE/ MIDDLE AGE
3541. Lareng L, Cathala B: Muqueuse digestive et états de détresse. Efficacité d'un traitement protecteur par le sulpiride. Sem Hop Paris 46:Suppl:34-40, Jun 70 (Fre) ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ \*BENZOATES, therapeutic use/ ENGLISH ABSTRACT/ \*GASTROINTESTINAL DISEASES, drug therapy/ GASTROINTESTINAL DISEASES, etiology/ \*GASTROINTESTINAL DISEASES, prevention & control/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HUMAN/ INTESTINAL MUCOSA/ MALE/ MIDDLE AGE/ \*PYRROLIDINES, therapeutic use/ RESPIRATORY DISTRESS SYNDROME, complications/ RESPIRATORY DISTRESS SYNDROME, therapy/ RESUSCITATION/ \*SULFONAMIDES, therapeutic use
3542. Largiadèr F, Träbert E, Senning A, et al: [Retarded rejection of renal transplants pretreated with nucleic acid] German Med Monthly 13:607-9, Dec 68 (Mul) ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ HEPARIN, therapeutic use/ \*KIDNEY, transplantation/ MALE/ METHODS/ POSTOPERATIVE CARE/ PROCAINE, therapeutic use/ \*RNA, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS
3543. Laricheva NI, Pinchuk LB: K voprosy o srokhakh tsirkulatsii i kharaktere raspredeleniia fibrinogena, mechenogo J-13, v éksperimente. Probl Gemat 12:45-9, Sep 67 (Rus) ANIMAL EXPERIMENTS/ \*BLOOD CIRCULATION TIME/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ \*FETUS, metabolism/ \*FIBRINOGEN, metabolism/ IODINE ISOTOPES/ PREGNANCY/ TIME FACTORS
3544. Laros RK Jr, Hage ML, Hayashi RH: Pregnancy and heart valve prostheses. Obstet Gynec 35:241-7, Feb 70 ADULT/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ DELIVERY/ FEMALE/ \*HEART FAILURE, CONGESTIVE, etiology/ \*HEART VALVE PROSTHESIS/ HUMAN/ MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, surgery/ \*PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ THROMBOEMBOLISM, etiology
3545. LaRosa JC, Levy RI, Herbert P, et al: A specific apoprotein activator for lipoprotein lipase. Biochem Biophys Res Commun 41:57-62, 9 Oct 70 ADIPOSE TISSUE, enzymology/ ALANINE/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ ENZYME ACTIVATION/ GLUTAMATES/ GLUTAMINE/ \*LIPOPROTEIN LIPASE/ LIPOPROTEINS/ MALE/ PHOSPHOLIPIDS/ \*PROTEINS/ RATS/ TESTIS, enzymology/ THREONINE/ TRIGLYCERIDES, blood/ VALINE
3546. Larrieu MJ: La chirurgie chez les hémophiles. Therapeutique 45:798-800, Oct 69 (Fre) \*HEMOPHILIA, complications/ HUMAN/ MALE/ \*SURGERY, OPERATIVE
3547. Larrimer NR, Balcerzak SP, Metz EN, et al: Surface structure of normal human platelets. Amer J Med Sci 259:242-56, Apr 70 ANTICOAGULANTS, pharmacodynamics/ \*BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ EDTA, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ \*MICROSCOPY, ELECTRON/ THROMBIN, pharmacodynamics
3548. Larsen HW: Den diabetiske retinopati og dens behandling. Nord Med 83:143-5, 29 Jan 70 (Dan) ADULT/ AGE FACTORS/ ANABOLIC STEROIDS, therapeutic use/ ANTICHOLESTEREMIC AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ CHILD/ DIABETIC RETINOPATHY, classification/ DIABETIC RETINOPATHY, diagnosis/ DIABETIC RETINOPATHY, drug therapy/ \*DIABETIC RETINOPATHY, therapy/ HUMAN/ HYPOPHYSECTOMY/ LIGHT COAGULATION/ PITUITARY GLAND, radiation effects/ RADIATION EFFECTS/ VITAMIN B COMPLEX, therapeutic use/ VITAMINS, therapeutic use



# AUTHOR SECTION

3549. Larsen M, Couch JR, Enzmann F, et al: Vitamin activity of coenzyme Q in chickens and turkeys. *Int Z Vitaminforsch* 39:447-56, 1969  
ANEMIA, prevention & control/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CATHEPSIN, analysis/ CHICKENS/ DIET/ GIZZARD, drug effects/ HEMOGLOBIN, analysis/ \*HEMORRHAGIC DIATHESIS, prevention & control/ LIVER, enzymology/ LIVER EXTRACTS, analysis/ MYOCARDIUM, analysis/ NECROSIS, prevention & control/ \*POULTRY DISEASES, drug therapy/ TURKEYS/ UBIQUINONE, analysis/ UBIQUINONE, pharmacodynamics/ \*UBIQUINONE, therapeutic use/ \*VITAMIN E, therapeutic use/ \*VITAMIN E DEFICIENCY, drug therapy/ YEAST, DRIED
3550. Larsen TE: Emperipolesis of granular leukocytes within megakaryocytes in human hemopoietic bone marrow. *Amer J Clin Path* 53:485-9, Apr 70  
\*BONE MARROW CELLS/ \*CELL MOVEMENT/ DIABETES MELLITUS, complications/ HUMAN/ IN VITRO/ \*LEUKOCYTES/ \*MEGAKARYOCYTES/ MICROSCOPY, ELECTRON/ \*THROMBOPENIA, pathology/ TISSUE CULTURE/ UREMIA, complications
3551. Larsen TE, Cram RW: Hemangioepithelioma of the small bowel: case report and review of the literature. *Canad J Surg* 13:50-3, Jan 70  
AGED/ CONTRAST MEDIA/ FEMALE/ HEMANGIOEPITHELIOMA, pathology/ HEMANGIOEPITHELIOMA, radiography/ \*HEMANGIOEPITHELIOMA, surgery/ HUMAN/ ILEOSTOMY/ \*ILEUM/ INTESTINAL NEOPLASMS, pathology/ INTESTINAL NEOPLASMS, radiography/ \*INTESTINAL NEOPLASMS, surgery
3552. Larson RK, Barman ML, Kueppers F, et al: Genetic and environmental determinants of chronic obstructive pulmonary disease. *Ann Intern Med* 72:627-32, May 70  
ADULT/ AGE FACTORS/ \*BRONCHITIS, familial & genetic/ ETHNIC GROUPS/ FEMALE/ GENOTYPE/ HUMAN/ LUNG DISEASES, complications/ MALE/ METABOLISM, INBORN ERRORS/ MIDDLE AGE/ \*PULMONARY EMPHYSEMA, familial & genetic/ RESPIRATORY FUNCTION TESTS/ SEX FACTORS/ \*SMOKING/ \*TRYPSIN INHIBITORS, blood
3553. LaRue JN, Speck JC Jr: Turkey egg white lysozyme. Preparation of the crystalline enzyme and investigation of the amino acid sequence. *J Biol Chem* 245:1985-91, 25 Apr 70  
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHICKENS/ CHROMATOGRAPHY/ CRYSTALLIZATION/ ELECTROPHORESIS, DISK/ FEMALE/ METHYLCELLULOSE/ \*MURAMIDASE, isolation & purification/ OVALBUMIN/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ TURKEYS
3554. Laruelle C: Rotation restreinte de bis-beta-dicetones. I. Etude stereodynamique par r.m.n. dans la serie des coumarols. *Tetrahedron Lett* 26:2235-9, Jun 70 (Fre)  
CHEMISTRY, PHYSICAL/ \*COUMARINS/ HEAT/ NUCLEAR MAGNETIC RESONANCE/ ROTATION/ VITAMIN K
3555. Lasch HG: Coagulation disturbances in shock. *Postgrad Med J* 45:539-42, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ DOGS/ HUMAN/ RABBITS/ \*SHOCK, complications/ SHOCK, drug therapy
3556. Lasch HG: Störungen der Blutstillung. *Arch Klin Exp Ohr Nas Kehlkopfheilk* 194:265-77, 22 Dec 69 (Ger)  
ADOLESCENCE/ AFIBRINOGENEMIA, diagnosis/ ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS, therapeutic use/ HEMOPHILIA, diagnosis/ HEMOPHILIA, drug therapy/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ SHOCK, etiology
3557. Lasch HG: Zur konservativen Therapie der Lungenembolie. *Langenbecks Arch Chir* 325:1052-60, 1969 (Ger)  
ADULT/ ANTICOAGULANTS, therapeutic use/ FEMALE/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, prevention & control/ STREPTOKINASE, therapeutic use
3558. Lasch HG: Therapeutic aspects of disseminated intravascular coagulation. *Thromb Diath Haemorrh* 36:Suppl 36:281+, 1969  
ANEMIA, HEMOLYTIC, blood/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD PLATELETS, drug effects/ BLOOD VESSELS, drug effects/ DOGS/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ LEUKEMIA, blood/ LIVER CIRRHOSIS, blood/ MYOCARDIAL INFARCT, drug therapy/ NOREPINEPHRINE, pharmacodynamics/ OXYGEN CONSUMPTION/ PANCREATITIS, blood/ RABBITS/ SEPTICEMIA, complications/ SHOCK, ENDOTOXIC, metabolism/ SHOCK, HEMORRHAGIC, blood/ SHOCK, TRAUMATIC, blood/ STREPTOKINASE, therapeutic use
3559. Lasch HG, Heene D: Diskussionsbeitrag zur Standardisierung der Thromboplastinzelt. *Internist (Berlin)* 10:Suppl:39-40, Aug 69 (Ger)  
\*ANTICOAGULANTS, therapeutic use/ HUMAN/ INDICATORS AND REAGENTS/ \*PROTHROMBIN TIME/ THROMBOPLASTIN, standards
3560. Lasch HG, Riecker G: Intensivtherapie beim Schock. *Internist (Berlin)* 10:234-9, Jun 69 (Ger)  
ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ ELECTROLYTES, therapeutic use/ FIBRINOLYSIS/ HUMAN/ INTENSIVE CARE UNITS/ POSTURE/ \*SHOCK, therapy/ SHOCK, ENDOTOXIC, drug therapy/ STREPTOKINASE, therapeutic use/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use
3561. Lash AF, MacNerland RH: Comparison of the results of internal iliac and uterine artery ligation in Wertheim hysterectomy and pelvic lymphadenectomy. *Int Surg* 53:344-7, May 70  
\*CARCINOMA, EPIDERMAL, surgery/ \*CERVIX NEOPLASMS, surgery/ COMPARATIVE STUDY/ FEMALE/ HEMORRHAGE, prevention & control/ \*HEMOSTASIS/ HUMAN/ \*HYSTERECTOMY/ \*ILIAC ARTERY, surgery/ \*LYMPH NODE EXCISION/ MIDDLE AGE/ \*PELVIS, surgery/ UTERINE HEMORRHAGE, prevention & control
3562. Lashchevker VM: Konservativnoe lechenie ostro pankreatita (po materialam zarubezhnoi pechaty 1963-1966 gg) *Khirurgiya (Moskva)* 45:142-9, Mar 69 (165 ref.) (Ru)  
ACETAZOLAMIDE, therapeutic use/ ACUTE DISEASE/ AMINOCAPROIC ACID, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION/ HUMAN/



# AUTHOR SECTION

- HYPOTHERMIA, INDUCED/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PAIN, drug therapy/ PAIN,  
etiology/ PANCREATITIS, complications/  
PANCREATITIS, drug therapy/  
\*PANCREATITIS, therapy/ REVIEW/ SHOCK,  
etiology/ SHOCK, therapy/ STEROIDS,  
therapeutic use/ VASOCONSTRICTOR  
AGENTS, therapeutic use
3563. Lasierra Cirujeda J, Barrao Comps F: Síndrome de Von Willebrand en familia consanguínea. Rev Clin Esp 113:55-8, 15 Apr 69 (Spa)  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION TESTS/ CHILD/ CHILD,  
PRESCHOOL/ \*CONSANGUINITY/ ENGLISH  
ABSTRACT/ FAMILY/ FEMALE/ HUMAN/  
MALE/ METHODS/ PEDIGREE/ \*VON  
WILLEBRAND'S DISEASE, familial & genetic
3564. Latour JG, McKay DG: Requirement of the adrenal glands for provocation of the generalized Schwartzman reaction. Lab Invest 22:281-5, Apr 70  
ADRENAL GLANDS, drug effects/ \*ADRENAL  
GLANDS, physiology/ ADRENAL MEDULLA,  
drug effects/ ADRENALECTOMY/ ANIMAL  
EXPERIMENTS/ BLOOD VESSELS, drug  
effects/ ENDOTOXINS, pharmacodynamics/  
HYDROCORTISONE, antagonists & inhibitors/  
HYDROCORTISONE, pharmacodynamics/  
KIDNEY GLOMERULUS, physiopathology/  
MALE/ NOREPINEPHRINE,  
pharmacodynamics/ PHENOXYBENZAMINE,  
pharmacodynamics/ RABBITS/ RECEPTORS,  
DRUG, drug effects/ \*SHWARTZMAN  
PHENOMENON/ THROMBOSIS,  
physiopathology
3565. Latt SA, Holmquist B, Vallee BL: Thermolysin: a zinc metalloenzyme. Biochem Biophys Res Commun 37:333-9, 8 Oct 69  
BACTERIA, enzymology/ BINDING SITES/  
ENZYME ACTIVATION/ HYDROGEN-ION  
CONCENTRATION/ IMIDAZOLES/ KINETICS/  
METALS, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, antagonists &  
inhibitors/ PHENANTHROLINES/ SPECTRUM  
ANALYSIS/ THIOGLYCOLATES/ \*ZINC,  
analysis
3566. Laurent TC, árany E, Carlsson B, et al: Determination of hyaluronic acid in the microgram range. Anal Biochem 31:133-45, 1 Oct 69  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHICKENS/ DISACCHARIDES,  
analysis/ ELECTROPHORESIS/ FEMALE/ GEL  
FILTRATION/ \*HYALURONIC ACID, analysis/  
HYALURONIDASE/ MALE/ METHODS/  
MICROCHEMISTRY/ PAPER/ PEPTIDE  
HYDROLASES/ PREGNANCY/ RADIOISOTOPE  
DILUTION TECHNIC/ STREPTOCOCCUS/  
TRITIUM/ UMBILICAL CORD
3567. Lauritsen OS: The fibrinolytic enzyme system of human blood plasma in pregnancy. Scand J Clin Lab Invest 23:191-6, May 69  
ADULT/ FEMALE/ \*FIBRINOLYSIS,  
antagonists & inhibitors/ FIBRINOLYSIS/  
\*FIBRINOLYTIC AGENTS, antagonists &  
inhibitors/ HUMAN/ \*PLASMINOGEN,  
analysis/ \*PREGNANCY/ TIME FACTORS
3568. Lauritsen OS: Inhibition of plasminogen activation and plasmin activity after euglobulin precipitation and acidification of plasma. Scand J Clin Lab Invest 23:121-8, Apr 69  
ENZYME ACTIVATION/ FEMALE/  
\*FIBRINOLYSIS, antagonists & inhibitors/  
FIBRINOLYTIC AGENTS, pharmacodynamics/  
HEAT/ HUMAN/ \*PLASMINOGEN/ SERUM  
GLOBULINS
3569. Lauritsen OS: Studies on proactivator activity in human blood. Scand J Clin Lab Invest 23:129-36, Apr 69  
ENZYME ACTIVATION/ ENZYMES, blood/  
\*FIBRINOLYSIS, antagonists & inhibitors/  
FIBRINOLYTIC AGENTS/ HEAT/ HUMAN/  
\*PLASMINOGEN/ PLASMINOGEN, antagonists  
& inhibitors/ \*SERUM GLOBULINS, analysis/  
STREPTOKINASE/ SWINE
3570. Laursen B, Gormsen J: Pharmacological enhancement and short-term stimulation of blood fibrinolytic activity. Scand J Haemat 6:402-8, 1969  
ADOLESCENCE/ ADULT/ AGED/  
AMINOCAPROIC ACID, pharmacodynamics/  
\*ANTICHOLESTEREMIC AGENTS,  
pharmacodynamics/ \*ANTIDIABETICS,  
pharmacodynamics/ ARTERIOSCLEROSIS,  
blood/ \*ARTERIOSCLEROSIS, drug therapy/  
ARTHRITIS, RHEUMATOID, drug therapy/  
ASTHMA, drug therapy/ CLOFIBRATE,  
pharmacodynamics/ DIABETES MELLITUS,  
drug therapy/ EXERTION/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug  
effects/ HUMAN/ IMMUNOASSAY/  
INTERMITTENT CLAUDICATION, drug  
therapy/ KIDNEY FAILURE, CHRONIC, drug  
therapy/ LIVER CIRRHOSIS, drug therapy/  
LUNG NEOPLASMS, drug therapy/ MALE/  
\*METFORMIN, pharmacodynamics/ MIDDLE  
AGE/ MYELOFIBROSIS, drug therapy/  
NEOPLASM METASTASIS, drug therapy/  
NICOTINIC ACID, pharmacodynamics/  
PHLEBITIS, drug therapy/ PLASMINOGEN,  
analysis/ PROPIONATES, pharmacodynamics/  
PULMONARY HEART DISEASE,  
drug therapy/ \*TESTOSTERONE,  
pharmacodynamics/ TOLAZAMIDE,  
pharmacodynamics/ UREA, therapeutic use
3571. Laursen B, Gormsen J: Studies on fibrinolytic activity in normal persons and patients with atherosclerotic vascular disease after physical activity and injections of nicotinic acid. Angiology 21:486-92, Jul 70  
\*ARTERIOSCLEROSIS, blood/ BLOOD  
COAGULATION TESTS/ \*EXERTION/  
\*FIBRINOLYSIS, drug effects/ GEL  
DIFFUSION TESTS/ HUMAN/ IMMUNE  
SERUMS/ INTERMITTENT CLAUDICATION,  
etiology/ ISCHEMIA, blood/ \*NICOTINIC  
ACID, pharmacodynamics/ PLASMINOGEN,  
analysis
3572. Lautner A: Plasmapherese als Methode zur Gewinnung von Blutfraktionen. Bibl Haemat 32:212-6, 1969 (Ger)  
BLOOD COAGULATION FACTORS, isolation &  
purification/ \*BLOOD PROTEINS, isolation &  
purification/ HEPATITIS, etiology/ HUMAN/  
\*PLASMAPHERESIS/ PLASMAPHERESIS,  
adverse effects/ SERUM ALBUMIN, isolation  
& purification/ TETANUS ANTITOXIN,  
isolation & purification
3573. Lauweryns JM, Bourgeois N: Pulmonary ultrastructure in neonatal hyaline membrane disease. Arch Dis Child 45:146, Feb 70  
EPITHELIUM/ FIBRIN/ HUMAN/ \*HYALINE  
MEMBRANE DISEASE, pathology/ INFANT,  
NEWBORN/ \*LUNG, pathology/ MICROSCOPY,  
ELECTRON
3574. Lavintman N, Cardini CE: Biosynthesis of a glycolipid in starch grains from sweet corn. Biochim Biophys Acta 201:508-10, 24 Mar 70  
ADENINE NUCLEOTIDES/ AMYLASE/  
CARBON ISOTOPES/ CHROMATOGRAPHY,  
THIN LAYER/ CORN/ CYTOPLASMIC  
GRANULES, metabolism/ DETERGENTS/  
GLUCOSE, metabolism/ GLUCOSIDASE/  
GLUCOSYLTRANSFERASES/ \*GLYCOLIPIDS,  
biosynthesis/ MAGNESIUM/ MANGANESE/  
PEPTIDE HYDROLASES/ PLANTS, cytology/  
\*PLANTS, metabolism/ STARCH/ STEROLS/  
URACIL NUCLEOTIDES
3575. Lavnikova GA: K kharakteristika soderzhanila glikogena v opukhollakh mezodermal'nogo proiskhozhdenia. Arkh Pat 31:42-6, 1969 (Rus)  
ADIPOSE TISSUE, embryology/ CARTILAGE,  
embryology/ CHONDROSARCOMA, metabolism/  
CHORDOMA, metabolism/ CONNECTIVE  
TISSUE, embryology/ ENGLISH ABSTRACT/  
FIBROMA, metabolism/ FIBROSARCOMA,  
metabolism/ \*GLYCOGEN, analysis/  
HEMANGIOMA, metabolism/ HUMAN/  
LEIOMYOMA, metabolism/  
LEIOMYOSARCOMA, metabolism/ LIPOMA,



# AUTHOR SECTION

- metabolism/ LIPOSARCOMA, metabolism/  
MUSCLE, SMOOTH, embryology/  
\*NEOPLASMS, CONNECTIVE TISSUE,  
metabolism/ \*NEOPLASMS, MUSCLE TISSUE,  
metabolism/ \*NEOPLASMS, NERVOUS  
TISSUE, metabolism/ NEURILEMMOMA,  
metabolism/ NEUROFIBROMA, metabolism/  
SARCOMA, metabolism/ SYNOVIAL  
MEMBRANE, embryology/ SYNOVIOMA,  
metabolism/ UTERUS, embryology
3576. Lawkowicz W, Michalowska R, Slomkowski M:  
Zaburzenia hemostazy we wtórnej nadpłytkowości w  
świecie badania agregacji płytek krwi.  
Pol Arch Med Wewnet 43:1555-62, Dec 69 (Pol)  
ADULT/ AGED/ \*BLOOD PLATELET  
DISORDERS, complications/ ENGLISH  
ABSTRACT/ FEMALE/ HEMORRHAGIC  
DIATHESIS, complications/ HODGKIN'S  
DISEASE, complications/ HUMAN/ MALE/  
MIDDLE AGE/ MYELOFIBROSIS,  
complications/ POLYCYTHEMIA VERA,  
complications/ POSTOPERATIVE  
COMPLICATIONS/ SPLENECTOMY/  
\*THROMBOPENIA, complications
3577. Lawrence HS, Valentine FT: Transfer factor in delayed  
hypersensitivity.  
Ann NY Acad Sci 169:269-87, 13 Feb 70  
ANTIBODY FORMATION/ ANTIGENS/ CELL  
MOVEMENT/ DEOXYRIBONUCLEASE,  
pharmacodynamics/ DIPHTHERIA TOXOID/  
HISTOCOMPATIBILITY/ HUMAN/  
\*HYPERSENSITIVITY, DELAYED,  
immunology/ LYMPHOCYTE  
TRANSFORMATION/ \*LYMPHOCYTES,  
immunology/ LYMPHOCYTES, transplantation/  
MACROPHAGES, immunology/ MOLECULAR  
WEIGHT/ PEPTIDES, analysis/  
POLYNUCLEOTIDES, analysis/  
RIBONUCLEASE, pharmacodynamics/ TISSUE  
CULTURE/ TISSUE EXTRACTS/  
TRANSPLANTATION IMMUNOLOGY/  
TRYPSIN, pharmacodynamics/ TUBERCULIN
3578. Lawrenson K, Stephens FO: The use of electrocutting  
and electrocoagulation in surgery.  
Aust New Zeal J Surg 39:417-21, May 70  
ADHESIONS/ ANIMAL EXPERIMENTS/  
BIOMECHANICS/ \*ELECTROCOAGULATION/  
\*ELECTROSURGERY/ PERITONEAL CAVITY/  
POSTOPERATIVE COMPLICATIONS,  
occurrence/ RATS/ SUTURES/ \*WOUND  
HEALING
3579. Lawrie TD: Advances in the treatment of  
cardiovascular disease.  
Practitioner 203:460-7, Oct 69 (23 ref.)  
ANGINA PECTORIS, drug therapy/  
ANTICOAGULANTS, therapeutic use/  
ARRHYTHMIA, drug therapy/ CARDIAC  
GLYCOSIDES, therapeutic use/  
\*CARDIOVASCULAR DISEASES, therapy/  
CORONARY DISEASE, therapy/ DIET  
THERAPY/ DIURETICS, therapeutic use/  
ENDOCARDITIS, BACTERIAL, surgery/  
HUMAN/ HYPERTENSION, drug therapy/  
INTENSIVE CARE UNITS/ MYOCARDIAL  
INFARCT, mortality/ MYOCARDIAL  
INFARCT, therapy/ PACEMAKER,  
ARTIFICIAL/ REVIEW/ RHEUMATIC HEART  
DISEASE, drug therapy
3580. Laymon CW: Hemangiomas. Minn Med 53:453-4, Apr 70  
CARBON DIOXIDE, therapeutic use/  
\*HEMANGIOMA/ HEMANGIOMA, classification/  
HEMANGIOMA, drug therapy/ HEMANGIOMA,  
radiotherapy/ HUMAN/ RADIUM, therapeutic  
use/ \*SKIN NEOPLASMS/ SKIN NEOPLASMS,  
classification/ SKIN NEOPLASMS, drug  
therapy/ SKIN NEOPLASMS, radiotherapy
3581. Lázár G: Effect of dibromomannitol on the  
dextran-induced increase of local capillary  
permeability and on the anaphylactoid reaction.  
Acta Microbiol Acad Sci Hung 16:27-30, 1969  
ANIMAL EXPERIMENTS/ \*CAPILLARY  
PERMEABILITY/ \*CARBOHYDRATES/  
DEXTRAN/ EDEMA/ LEUKOCYTE COUNT/  
MALE/ RATS/ \*SHWARTZMAN  
PHENOMENON/ WATER
3582. Lazarová Z, Inczinger F: The influence of ATP-Spofa on  
the fatty infiltration of the liver due to  
cardiopathogenic diet.  
Folia Morph (Praha) 18:21-4, 1970  
\*ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
\*CORONARY DISEASE, etiology/ \*DIET,  
ATHEROGENIC/ FATTY LIVER, prevention &  
control/ \*LIPIDS, metabolism/ \*LIVER,  
metabolism/ RATS
3583. Lazarus NR, Penhos JC, Tanese T, et al: Studies on the  
biological activity of porcine proinsulin.  
J Clin Invest 49:487-96, Mar 70  
ADRENAL GLANDS, physiology/ ANIMAL  
EXPERIMENTS/ BLOOD SUGAR, analysis/  
CHROMATOGRAPHY/ DIAPHRAGM, drug  
effects/ ELECTROPHORESIS/ ENZYME  
PRECURSORS, antagonists & inhibitors/  
ENZYME PRECURSORS, metabolism/  
\*ENZYME PRECURSORS, pharmacodynamics/  
HYPOGLYCEMIA, chemically induced/ IN  
VITRO/ INSULIN, biosynthesis/ \*INSULIN,  
pharmacodynamics/ IODINE ISOTOPES/  
OXIDATION-REDUCTION/ PITUITARY  
GLAND, physiology/ RATS/ SULFIDES,  
metabolism/ SWINE/ TRYPSIN,  
pharmacodynamics
3584. Lazarus NR, Tanese T, Gutman R, et al: Synthesis and  
release of proinsulin and insulin by human isletoma  
tissue. J Clin Endocr 30:273-81, Mar 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ELECTROPHORESIS, DISK/ GEL  
FILTRATION/ GLUCOSE, pharmacodynamics/  
HUMAN/ IN VITRO/ INSULIN, biosynthesis/  
\*INSULIN, metabolism/ \*ISLET CELL TUMOR/  
metabolism/ LEUCINE, metabolism/  
PEPTIDES, biosynthesis/ \*PEPTIDES,  
metabolism/ STIMULATION, CHEMICAL/  
THEOPHYLLINE, pharmacodynamics/  
TRITIUM/ TRYPSIN
3585. Lazovoi VP, Petrova EM: Geparinosazhdaemala  
fraktsiya plazmy v diagnostike aktivnosti revmatizma  
infektartrita. Lab Delo 11:671-2, 1969 (Ru)  
\*ARTHRITIS, INFECTIOUS, blood/ \*BLOOD  
PROTEINS/ \*HEPARIN/ HUMAN/ METHODS/  
PNEUMONIA, blood/ PRECIPITATION/  
\*RHEUMATIC FEVER, blood/ TONSILLITIS,  
blood
3586. Leak LV: Fractured surfaces of myocardial cell  
J Ultrastruct Res 31:76-94, Apr 70  
ANIMAL EXPERIMENTS/ \*CELL  
MEMBRANE/ EDTA/ ENDOPLASMIC  
RETICULUM/ FREEZE ETCHING/ MICE/  
MICROSCOPY, ELECTRON/ \*MYOCARDIUM,  
cytology/ PINOCYTOSIS/ SARCOLEMA/  
\*SURFACE PROPERTIES/ TRYPSIN
3587. Leaman WG Jr: Post - Infarction Convalescence  
Program. IL Penn Med 73:65, Apr 70  
ALCOHOLIC BEVERAGES/  
ANTICOAGULANTS, therapeutic use/  
CLIMATE/ \*CONVALESCENCE/ FEMALE/  
HUMAN/ MALE/ \*MYOCARDIAL INFARCT/  
OCCUPATIONS/ SMOKING
3588. Leary PM: Ambulatory paediatrics in a teach  
hospital. S Afr Med J 44:499-502, 25 Apr 70  
ANEMIA, therapy/ CHILD, PRESCHOOL/  
CONVULSIONS, therapy/  
ERYTHROBLASTOSIS, FETAL, therapy/  
GASTROENTERITIS, therapy/ HEALTH  
FACILITY SIZE/ HEMOPHILIA, therapy/  
HEMORRHAGIC DISEASE OF NEWBORN,  
therapy/ \*HOSPITAL EMERGENCY SERVICE  
utilization/ \*HOSPITAL OUTPATIENT  
CLINICS, utilization/ HOSPITALS, TEACHING  
HUMAN/ INFANT, NEWBORN/ MENINGITIS  
therapy/ NEPHRITIS, therapy/ NUTRITION  
DISORDERS, therapy/ PARAFFIN, poisoning/  
\*PEDIATRICS/ POISONING, therapy/  
QUALITY OF HEALTH CARE/  
RESPIRATORY TRACT DISEASES, therapy



## AUTHOR SECTION

### RESPIRATORY TRACT INFECTIONS, therapy/ SOUTH AFRICA

3589. Leavey RA, Kahn SB, Brodsky I: Disseminated intravascular coagulation—a complication of chemotherapy in acute myelomonocytic leukemia. *Cancer* 26:142-5, Jul 70  
ADULT/ \*ANTINEOPLASTIC AGENTS, adverse effects/ \*BLOOD COAGULATION DISORDERS, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ LEUKEMIA, MYELOBLASTIC, drug therapy/ MALE/ MERCAPTOPYRINE, adverse effects/ METHOTREXATE, adverse effects/ PREDNISONE, adverse effects/ VINCRISTINE, adverse effects
3590. LeBeau RJ, Gunter RC, Robinson RW: Some biophysical aspects of coagulation. *Phys Med Biol* 15:195, Jan 70  
ACRYLATES/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ FLUOROCARBON POLYMERS/ IN VITRO/ POLAROGRAPHY/ POLYVINYLS/ SILICONES/ SURFACE PROPERTIES
3591. Lebedev VV, Ioffe IuS, Lotsman LA: Differentsial'naya diagnostika ostreishogo perioda narusheni mozgovogo krovoobrashcheniia. *Zh Nevropat Psikhiat Korsakov* 69:1138-41, 1969 (Rus)  
ACUTE DISEASE/ BLOOD COAGULATION TESTS/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBROVASCULAR DISORDERS, cerebrospinal fluid/ \*CEREBROVASCULAR DISORDERS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ SPINAL PUNCTURE
3592. Lebedeva GK, Dumpe EP, Malov GA, et al: Regional'naya perfuziia v lechenii ostrykh flebotrombozov. *Khirurgiia (Moskva)* 45:103-7, Jun 69 (Rus)  
\*ANTICOAGULANTS, administration & dosage/ BLOOD CIRCULATION/ ENGLISH ABSTRACT/ \*FEMORAL VEIN, surgery/ FIBRINOLYSIS, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ \*ILIAC VEIN, surgery/ METHODS/ PERFUSION/ POSTOPERATIVE COMPLICATIONS/ \*THROMBOSIS, surgery
3593. Le Bouffant L, Daniel-Moussard H, Martin J, et al: Mécanismes de l'inhibition du pouvoir fibrogène des poussières de silice par des substances minérales: rôle des états de surface. *Arch Mal Prof* 30:305-10, Jun 69 (Fre)  
ANIMAL EXPERIMENTS/ \*CARBON/ CHEMISTRY/ FIBRINOGEN/ HUMAN/ OCCUPATIONAL DISEASES/ \*SILICA/ \*SILICOSIS/ SURFACE PROPERTIES
3594. Lebreton JM: Les dangers des anticoagulants vus par le gastro-entérologue. *Maroc Med* 49:628-30, Nov 69 (Fre)  
\*ANTICOAGULANTS, adverse effects/ \*CARDIOVASCULAR DISEASES, drug therapy/ \*GASTROINTESTINAL DISEASES, chemically induced/ HUMAN
3595. Lechler E: Anmerkungen zur Kontrolle der Anticoagulationstherapie. *Internist (Berlin)* 10:Suppl:35-6, Aug 69 (Ger)  
AMBULATORY CARE/ \*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION FACTORS/ HUMAN/ METHODS/ \*PROTHROMBIN TIME
3596. Lechler E, Klein HO, Schumacher K, et al: Moschcowitz-Syndrom. Ein Beitrag zur "thrombotisch thrombozytopenischen Purpura" mit gerinnungsphysiologischen und pathologisch-anatomischen Untersuchungen. *Deutsch Med Wschr* 94:2326-30 passim, 7 Nov 69 (Ger)  
ANEMIA, HEMOLYTIC/ ANTITHROMBIN, analysis/ ARTERIES, pathology/ CAPILLARIES, pathology/ CAPILLARY RESISTANCE/ CASE REPORT/ \*CEREBROVASCULAR DISORDERS/ FACTOR V, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ ISCHEMIA/ LEUKOCYTE COUNT/ PROTHROMBIN TIME/ \*PURPURA, THROMBOTIC THROMBOPENIC, physiopathology/ THROMBELASTOGRAPHY/ THROMBOSIS, etiology/ \*THROMBOSIS, etiology
3597. Lechner K, Breddin K, Moser K, et al: May-Hegglin'sche Anomalie. Beschreibung einer neuen Familie und Untersuchungen zur Funktion, Biochemie und Ultrastruktur der Thrombozyten. *Acta Haemat (Basel)* 42:303-20, 1969 (Ger)  
ADENINE NUCLEOTIDES, pharmacodynamics/ BIOCHEMISTRY/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, familial & genetic/ \*BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CLOT RETRACTION/ COLLAGEN, pharmacodynamics/ \*CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HEMATOLOGIC DISEASES, familial & genetic/ HEPARIN ANTAGONISTS, blood/ \*LEUKOCYTES/ LIPOPROTEINS, blood/ MICROSCOPY, ELECTRON/ PEDIGREE/ PLATELET ADHESIVENESS/ SEROTONIN, metabolism
3598. Lechner K, Fischer M, Kühböck J, et al: Über einen Hemmkörper der Prothrombinaktivierung. *Klin Wschr* 47:1225-32, 15 Nov 69 (Ger)  
AGED/ AUTOANTIBODIES, analysis/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 7S, antagonists & inhibitors/ GAMMA GLOBULIN, 7S, pharmacodynamics/ GEL FILTRATION/ HUMAN/ \*PROTHROMBIN, antagonists & inhibitors/ SPECIES SPECIFICITY/ THROMBOPENIA, complications/ THROMBOPENIA, immunology
3599. Leclercq-Meyer V, Mialhe P, Malaisse WJ: Une méthode de dosage radioimmunologique du glucagon comportant une séparation par le charbon-dextran. *Diabetologia* 6:121-9, Apr 70 (Fre)  
ADSORPTION/ \*CHARCOAL/ \*DEXTRAN/ \*GLUCAGON, blood/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ METHODS/ RABBITS/ \*RADIOIMMUNOASSAY
3600. Lederis K: Teleost urophysis. II. Biological characterization of the bladder-contracting activity. *Gen Comp Endocr* 14:427-37, Jun 70  
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLADDER, drug effects/ \*BLADDER, physiology/ BLOOD PRESSURE, drug effects/ CHYMOTRYPSIN/ FISHES/ IN VITRO/ INTESTINE, SMALL, physiology/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, physiology/ \*NEUROSECRETORY SYSTEMS, physiology/ NOREPINEPHRINE, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ \*SALMONIDAE, physiology/ SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THIOGLYCOLATES/ \*TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN/ UTERUS, drug effects/ VASOPRESSIN, pharmacodynamics/ VASOTOCIN, pharmacodynamics



# AUTHOR SECTION

3601. Le Douarin G, Renaud D: Etude morphologique et physiologique de la différenciation in vitro du mésoderme précardiaque de l'embryon de caillie. Bull Biol France Belg 103:453-68, 1969 (Fre)  
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ \*BIRDS/ ELECTROPHYSIOLOGY/ ENDOCARDIUM, embryology/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ FETAL HEART, drug effects/ \*FETAL HEART, growth & development/ HEART, physiology/ HEART CONDUCTION SYSTEM/ HEART VENTRICLE/ MEMBRANE POTENTIALS/ RECEPTORS, DRUG/ TISSUE CULTURE/ TRYPSIN
3602. Leduc MM, Dansette PM, Azerad RG: Incorporation de l'acide shikimique dans le noyau des naphtoquinones d'origine bactérienne et végétale. Europ J Biochem 15:428-35, Sep 70 (Fre)  
CARBON ISOTOPES/ ENGLISH ABSTRACT/ MYCOBACTERIUM, metabolism/ \*NAPHTHOQUINONES, biosynthesis/ PHENYLACETATES, chem synthesis/ PHENYLACETATES, metabolism/ PLANTS, metabolism/ PYRUVATES, metabolism/ \*SHIKIMIC ACID, metabolism/ TRITIUM/ VITAMIN K, biosynthesis
3603. Lee CC: Ancylostoma caninum: intestinal pigment granules. Exp Parasit 27:246-55, Apr 70  
\*ANCYLOSTOMA, cytology/ ANCYLOSTOMA, drug effects/ ANIMAL EXPERIMENTS/ CYTOPLASM/ CYTOPLASMIC GRANULES/ FEMALE/ HEMOGLOBIN/ HISTOCYTOCHEMISTRY/ \*INTESTINES, cytology/ INTESTINES, drug effects/ IRON, metabolism/ IRON ISOTOPES/ MICROSCOPY, ELECTRON/ PEPSIN, pharmacodynamics/ \*PIGMENTS, analysis/ RADIOAUTOGRAPHY/ SODIUM HYDROXIDE/ STARVATION/ TRYPSIN, pharmacodynamics
3604. Lee DB, Brown DL, Baker LR, et al: Haematological complications of chlorate poisoning. Brit Med J 2:31-2, 4 Apr 70  
ADOLESCENCE/ \*ANEMIA, HEMOLYTIC, chemically induced/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, chemically induced/ \*CHLORIDES, poisoning/ EXCHANGE TRANSFUSION/ HEMOGLOBINOMETRY/ HUMAN/ \*HYDROXIDES, poisoning/ MALE/ PERITONEAL DIALYSIS
3605. Lee KH, Yeung KK, Yeung CY: Neonatal jaundice in Chinese newborns. J Obstet Gynaec Brit Comm 77:561-4, Jun 70  
EXCHANGE TRANSFUSION/ EXTRACTION, OBSTETRICAL, adverse effects/ FEMALE/ HEMATOMA, complications/ HONG KONG/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, etiology/ \*JAUNDICE, NEONATAL, occurrence/ JAUNDICE, NEONATAL, therapy/ MALE/ MONGOLOID RACE/ PARITY/ SEASONS/ SEX FACTORS
3606. Lee KT, Lee KJ, Lee SK, et al: Poorly differentiated subendothelial cells in swine aortas. Exp Molec Path 13:118-29, Aug 70  
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, cytology/ \*AORTA, ABDOMINAL, drug effects/ CELL COUNT/ CELL MEMBRANE/ \*CHOLESTEROL, pharmacodynamics/ CYTOPLASM/ DIET, ATHEROGENIC/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ LEUKOCYTES/ LYSOSOMES/ MACROPHAGES/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MONOCYTES/ SWINE
3607. Lee RE Jr, Knospe WH, Bucheleres HG, et al: Clinical pathologic conference. Amer Heart J 79:552-61, Apr 70  
CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ \*HEART NEOPLASMS, pathology/ \*HEMANGIOMA, pathology/ HUMAN/ \*INTESTINAL NEOPLASMS, pathology/ \*INTESTINES, pathology/ \*LUNG, pathology/ \*LUNG NEOPLASMS, pathology/
- MALE/ \*PERICARDIUM, pathology/ \*THROMBOPENIA, complications
3608. Lee YS, Lee YB, Hong SS: Effect of long-term administration of secretory suppressives on rat pancreas. Yonsei Med J 10:19-24, 1969  
\*ACETAZOLAMIDE, administration & dosage/ ALANINE AMINOTRANSFERASE, blood/ AMYLASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ \*ATROPINE, administration & dosage/ \*CORTISONE, administration & dosage/ FEMALE/ \*HEXAMETHONIUM COMPOUNDS/ \*KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ LIPASE, blood/ MALE/ ORGAN WEIGHT/ \*PANCREAS, drug effects/ PANCREAS, enzymology/ \*PROCAINE, administration & dosage/ RATS/ TIME FACTORS
3609. Leeman AM: Over behandeling van dreigende vaatocclusies met Rheomacrodex, heparine en Complamin. Nederl T Geneesk 113:2271-2, 13 Dec 69 (Dut)  
ADOLESCENCE/ \*DEXTRAN, administration & dosage/ EYE DISEASES, drug therapy/ FEMALE/ \*HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ \*NICOTINIC ACID, administration & dosage/ \*THEOPHYLLINE, administration & dosage/ \*VASCULAR DISEASES, drug therapy
3610. Le Fay A, Thuillier A: Procédés de fabrication et utilisation des enzymes microbiennes dans l'industrie alimentaire. Aliment Vie 58:33-43, 1970 (106 ref.) (Fre)  
AMYLAASE/ \*BACTERIA, enzymology/ FERMENTATION/ \*FOOD-PROCESSING INDUSTRY/ \*FUNGI, enzymology/ GALACTOSIDASE/ GLUCOSE OXIDASE/ GLUCOSYLTRANSFERASES/ GLYCOSIDE HYDROLASES/ PENICILLINASE/ PEPTIDE HYDROLASES/ REVIEW
3611. Lefer AM, Martin J: Relationship of plasma peptides to the myocardial depressant factor in hemorrhagic shock in cats. Circ Res 26:59-69, Jan 70  
ANIMAL EXPERIMENTS/ CATS/ CHROMATOGRAPHY/ FEMALE/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ \*MYOCARDIAL DEPRESSANTS, blood/ \*PEPTIDES, blood/ \*SHOCK, HEMORRHAGIC, blood
3612. Leger L: Paradoxes et hypothèses en matière de pancréatite aiguë. Bull Acad Nat Med (Paris) 154:401-9, 26 May 70 (Fre)  
ACUTE DISEASE/ HUMAN/ PANCREATIC JUICE, analysis/ \*PANCREATITIS/ PANCREATITIS, diagnosis/ TRYPSIN, analysis/ TRYPSINOGEN, metabolism
3613. Legrain M, Baguet JC, Didon D, et al: Pronostic et traitement de l'insuffisance rénale aiguë post abortum. Presse Med 78:1565-70, 29 Aug 70 (Fre)  
\*ABORTION, complications/ \*ABORTION, therapy/ \*ABORTION, CRIMINAL/ ADULT/ ANTIBIOTICS, therapeutic use/ BLOOD COAGULATION DISORDERS/ CURETTAGE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFECTION, prevention & control/ \*KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, prevention & control/ PREGNANCY/ PROGNOSIS/ SEPTICEMIA, etiology/ SHOCK, HEMORRHAGIC, etiology/ SHOCK, HEMORRHAGIC, therapy
3614. Legrand Y: Plaquettes et structures du vaisseau. Presse Med 78:721-3, 28 Mar 70 (Fre)  
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ \*BLOOD PLATELETS, physiology/ \*BLOOD VESSELS/ COLLAGEN/ HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS/ THROMBOSIS
3615. Legrand Y, Lapière CM, Pignaud G, et al: Microméthode d'extraction du collagène à partir de biopsie de peau humaine (application à l'étude de



# AUTHOR SECTION

- maladies du saignement)  
Path Biol (Paris) 17:991-3, Nov 69 (Fre)  
AGE FACTORS/ BIOPSY/ \*BLOOD  
COAGULATION DISORDERS, diagnosis/  
BLOOD PLATELETS, physiology/ \*COLLAGEN,  
isolation & purification/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ MALE/  
METHODS/ PHOTOMETRY/ PLATELET  
ADHESIVENESS/ \*SKIN, analysis/ TISSUE  
DONORS
3616. Legré J, Guen C, Clément JP, et al: Maladie de Von Hippel-Lindau, cancer de la tête du pancréas, adénome langerhansien hypoglycémiant. Confrontation des aspects radiologiques tumoraux à caractère angiomateux décelés par artériographie sélective. Presse Med 76:1911-4, 23 Oct 68 (Fre)  
ADULT/ \*ANGIOGRAPHY/ \*ANGIOMATOSIS, radiography/ ANGIOMATOSIS, surgery/ ARTERIOVENOUS FISTULA, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*ISLET CELL TUMOR, radiography/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ \*PANCREATIC NEOPLASMS, radiography/ UROGRAPHY
3617. Legré M, Tronconi JC, Granjon B, et al: Hémangiome du lobe gauche du foie. Artériographie. Hépatectomie gauche. Arch Franc Mal Appar Dig 59:285-6, Apr-Mar 70 (Fre)  
ANGIOGRAPHY/ CASE REPORT/ \*HEMANGIOMA/ HEPATECTOMY/ HUMAN/ \*LIVER NEOPLASMS/ MALE
3618. Lehnert P, Stahlheber H, Forell MM: Bestimmung der Halbwertszeit von Cholecystokinin. Hoppe Seyler Z Physiol Chem 351:983-9, Aug 70 (Ger)  
ANIMAL EXPERIMENTS/  
\*CHOLECYSTOKININ, blood/ DOGS/ ENGLISH ABSTRACT/ \*PANCROZYMIN, blood/ SECRETORY RATE/ TIME FACTORS/ TRYPSIN, secretion
3619. Leibowitz MJ, Soffer RL: Enzymatic modification of proteins. 3. Purification and properties of a leucyl, phenylalanyl transfer ribonucleic acid protein transferase from Escherichia coli. J Biol Chem 245:2066-73, 25 Apr 70  
ACYLTRANSFERASES, antagonists & inhibitors/ \*ACYLTRANSFERASES, isolation & purification/ BACTERIAL PROTEINS/ CALCIUM/ CARBON ISOTOPES/ CATTLE/ CHLORAMPHENICOL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ HEAT/ KINETICS/ LEUCINE/ MAGNESIUM/ MANGANESE/ PHENYLALANINE/ POTASSIUM CHLORIDE/ PRECIPITATION/ PROTAMINES/ PUROMYCIN/ RNA, SOLUBLE/ SERUM ALBUMIN, BOVINE/ TRITIUM
3620. Lelifer E, Gocke DJ, Bourne H: Lassa fever, a new virus disease of man from West Africa. II. Report of a laboratory-acquired infection treated with plasma from a person recently recovered from the disease. Amer J Trop Med 19:677-9, Jul 70  
ANTIBODIES, analysis/ ANTIBODY FORMATION/ BLOOD, microbiology/ BLOOD CELL COUNT/ ENZYME TESTS/ FEVER, etiology/ HUMAN/ IMMUNE SERUMS/ \*LABORATORY INFECTION/ MALE/ MIDDLE AGE/ MYOCARDITIS, etiology/ NIGERIA/ PAIN/ PHARYNX, microbiology/ \*SERTOTHERAPY/ SHIVERING/ THROMBOPENIA, etiology/ URINE, microbiology/ \*VERTEBRATE VIRUSES, UNCLASSIFIED/ \*VIRUS DISEASES/ VIRUS DISEASES, diagnosis/ VIRUS DISEASES, etiology/ VIRUS DISEASES, therapy
3621. Leighton TJ, Stock JJ: Biochemical changes during fungal sporulation and spore germination. I. Phenyl methyl sulfonyl fluoride inhibition of macroconidial germination in Microsporum gypseum. J Bact 101:931-40, Mar 70  
ALKALINE PHOSPHATASE, metabolism/ AMINO ACIDS, analysis/ CELL WALL, analysis/ DEPRESSION, CHEMICAL/ ELECTROPHORESIS, DISK/ \*FLUORINE, pharmacodynamics/ GELS/ GLUCOSAMINE, analysis/ HYDROGEN-ION CONCENTRATION/ \*MICROSPORUM, growth & development/ NITROGEN, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ \*PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ SPORES, analysis/ SPORES, drug effects/ \*SPORES, growth & development/ STAINS AND STAINING/ \*SULFONIC ACIDS, pharmacodynamics/ TEMPERATURE
3622. Leites FL, Kudinkina IP: Izmeneniia aktivnosti proteoliticheskikh fermentov v limfoidnykh organakh posle immunizatsii zhivotnykh koklushno-difterino-stolbniachnymi vaktsinami. Zh Mikrobiol 46:75-80, Aug 69 (Rus)  
ALANINE/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ CATHEPSIN, metabolism/ \*DIPHThERIA, enzymology/ DIPHThERIA, immunology/ \*DIPHThERIA TOXOID/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ LEUCINE/ MICE/ \*PEPTIDE HYDROLASES, metabolism/ \*PERTUSSIS VACCINE/ \*SPLEEN, enzymology/ SPLEEN, immunology/ \*TETANUS, enzymology/ TETANUS, immunology/ \*TETANUS TOXOID/ VACCINATION/ \*WHOOPING COUGH, enzymology/ WHOOPING COUGH, immunology
3623. Leites FL, Tendetnik Iula, Riadnava OE, et al: Izmeneniia aktivnosti gidroliticheskikh fermentov u kulture tkani makrofagov kostnogo mozga pri vnutrikletochnom parazitirovani bishushnotifoznikh bakterii. Biull Eksp Biol Med 69:66-8, Feb 70 (Rus)  
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ AMINOPEPTIDASES, metabolism/ ANIMAL EXPERIMENTS/ \*BONE MARROW CELLS, enzymology/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ GUINEA PIGS/ \*HYDROLASES, metabolism/ LIPASE, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LYSOSOMES, enzymology/ \*MACROPHAGES, enzymology/ \*TYPHOID, enzymology
3624. Lelievre G, Gosselin B, Dumont A, et al: Insuffisance rénale aiguë symptomatique d'un syndrome de Moschowitz de l'adulte. Lille Med 15:961-3, Jun-Jul 70 (Fre)  
ADULT/ \*ANEMIA, HEMOLYTIC, complications/ \*CEREBROVASCULAR DISORDERS, complications/ FEMALE/ HUMAN/ ISCHEMIA/ KIDNEY, pathology/ \*KIDNEY FAILURE, ACUTE, etiology/ \*PURPURA, THROMBOTIC THROMBOPENIC, complications/ \*THROMBOSIS, complications
3625. Lemeland JF, Magard H, Boiron H: Etude sérotypique de quatre cents souches de staphylocoques isolées dans les hôpitaux rouennais. Path Biol (Paris) 18:619-26, Jun-Jul 70 (Fre)  
ANTIBIOTICS/ BACTERIOLOGICAL TECHNIQUES/ \*COAGULASE, analysis/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ FRANCE/ HEMOLYSIS/ MANNITOL/ PIGMENTATION/ \*SERTYPING/ STAPHYLOCOCCUS, isolation & purification/ \*STAPHYLOCOCCUS, pathogenicity
3626. Lemgruber I, Maywald V: Emprêgo do trans-AMCHA, novo agente antifibrinolítico. Seu uso em ginecologia, obstetrícia e cirurgia. Hospital (Rio) 77:107-18, Jan 70 (Por)  
ADOLESCENCE/ ADULT/ \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ \*GYNECOLOGIC DISEASES, drug therapy/ GYNECOLOGIC DISEASES, surgery/ HUMAN/ METRORRHAGIA, drug therapy/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, drug therapy
3627. Lenard J, Gallop PM: Sequence analysis of microgram amounts of peptides by mass spectrometry. Anal Biochem 34:286-91, Mar 70  
ALKYLATION/ AMINO ACID SEQUENCE/



## AUTHOR SECTION

- \*AMINO ACIDS/ CHEMISTRY/  
CHYMOTRYPSIN/ DIMETHYL SULFOXIDE/  
METHODS/ MICROCHEMISTRY/ \*PEPTIDES/  
\*SPECTRUM ANALYSIS/ TRYPSIN
3628. Lenz PH, Passannante AN: Rapid glucose oxidase-peroxidase ultramicro method for determination of blood glucose.  
Clin Chem 16:427-30, May 70  
BENZOATES/ BIPHENYL COMPOUNDS/  
\*BLOOD SUGAR, analysis/ COLORIMETRY/  
DRUG STABILITY/ \*GLUCOSE OXIDASE/  
GLUCOSE OXIDASE, antagonists & inhibitors/  
HEPARIN/ HUMAN/ INDICATORS AND  
REAGENTS/ JAUNDICE, blood/ KINETICS/  
METHODS/ MICROCHEMISTRY/  
\*PEROXIDASES/ PEROXIDASES, antagonists  
& inhibitors/ SPECTROPHOTOMETRY/ TIME  
FACTORS
3629. Leon AE, Groot K de, Bloemendaal H: The molecular weights of the subunits of alpha-crystallin.  
Exp Eye Res 10:75-9, Jul 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY, PAPER/  
CRYSTALLINS/ CRYSTALLINS, analysis/  
ELECTROPHORESIS/ \*MOLECULAR WEIGHT/  
PEPTIDES/ TRYPSIN
3630. Leonhardt T, Robertson B: Trombolysebehandlung av akut ventrombos-och sjukvårdskostnaderna.  
Lakartidningen 67:586-8, 4 Feb 70 (Swe)  
ACUTE DISEASE/ \*FEES,  
PHARMACEUTICAL/ FIBRINOLYSIS/  
HUMAN/ STREPTOKINASE, adverse effects/  
\*STREPTOKINASE, therapeutic use/  
\*THROMBOPHLEBITIS, drug therapy
3631. Lepkovsky S, Furuta F, Dimick K, et al: Enterokinase and the chicken pancreas. Poul Sci 49:421-6, Mar 70  
AMYLASE, secretion/ ANIMAL  
EXPERIMENTS/ ANIMAL FEED/ \*CHICKENS,  
physiology/ FEMALE/ INTESTINAL  
SECRETIONS, analysis/ INTESTINES,  
enzymology/ LIPASE, secretion/ \*PANCREAS,  
physiology/ PEPTIDE PEPTIDOHYDROLASES,  
analysis/ \*PEPTIDE PEPTIDOHYDROLASES,  
secretion
3632. Lepore MJ, Martel AJ: Plasmapheresis with plasma exchange in hepatic coma. Methods and results in five patients with acute fulminant hepatic necrosis.  
Ann Intern Med 72:165-74, Feb 70  
\*ACUTE YELLOW ATROPHY, complications/  
ADULT/ AUTOPSY/ BILIRUBIN, blood/  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
\*EXCHANGE TRANSFUSION/ FEMALE/  
HEPATIC COMA, etiology/ \*HEPATIC COMA,  
therapy/ HUMAN/ \*PLASMA/  
\*PLASMAPHERESIS/ PROTHROMBIN TIME/  
SERUM ALBUMIN, analysis
3633. Lermusiaux JL, Kuntz D, Ryckewaert A: La réactivité cutanée immunitaire retardée au cours de la polyarthrite rhumatoïde, ses modifications sous traitement immuno-dépresseur.  
Rev Franc Etud Clin Biol 14:782-7, Oct 69 (Fre)  
ARTHRITIS, RHEUMATOID, drug therapy/  
\*ARTHRITIS, RHEUMATOID, immunology/  
CANDIDA/ \*CHLORAMBUCIL, administration  
& dosage/ DNA/ ENGLISH ABSTRACT/  
FEMALE/ GAMMA GLOBULIN/ HUMAN/  
\*HYPERSENSITIVITY, DELAYED/  
IMMUNOSUPPRESSIVE AGENTS, therapeutic  
use/ MALE/ \*SKIN TESTS/  
STREPTODORNASE AND STREPTOKINASE,  
diagnostic use/ TUBERCULIN TEST
3634. Lesbros A: Utilisation du Sintrom en chirurgie vasculaire. Marseille Med 107:199-200, 1970 (Fre)  
\*ACENOCOUMAROL, therapeutic use/ \*BLOOD  
COAGULATION DISORDERS, drug therapy/  
BLOOD COAGULATION DISORDERS,  
prevention & control/ HUMAN/ \*VASCULAR  
SURGERY
3635. Leslie J: Anticoagulant therapy.  
Brit Med J 4:821-2, 6 Dec 69  
ADULT/ AGED/ FEMALE/ HEMATOMA,  
chemically induced/ HUMAN/ MALE/ MIDDLE  
AGE/ \*PHENINDIONE, administration &  
dosage/ PROTHROMBIN TIME/ \*WARFARIN,  
administration & dosage/ WARFARIN, adverse  
effects
3636. Lesnaw JA, Reichmann ME: The structure of tobacco necrosis virus. II. Terminal amino acid residues of the protein subunit. Virology 39:738-45, Dec 69  
ALANINE, analysis/ AMINO ACID  
SEQUENCE/ CARBOXYPEPTIDASES/  
CHROMATOGRAPHY/ ELECTROPHORESIS/  
LEUCINE AMINOPEPTIDASE/ \*PLANT  
VIRUSES/ TRYPSIN/ \*VIRAL PROTEINS,  
analysis
3637. Lesnichii AV: Znachenie opredelenia kholodovogo pretspitata geparinovoi plazmy u bol'nykh revmatizmom. Vop Revm 8:58-9, Oct-Dec 68 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD PROTEINS,  
analysis/ CHILD/ \*COLD/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEPARIN/ HUMAN/  
MALE/ RHEUMATIC FEVER, blood/  
\*RHEUMATIC FEVER, diagnosis
3638. Lesnichii AV: Sravnitel'naya otsenka effektivnosti i nekotorykh antilipemicheskikh sredstv u bol'nykh sakharnym diabetom. Ter Arkh 41:61-4, Jul 69 (Rus)  
\*ANTICHOLESTEREMIC AGENTS, therapeutic  
use/ ANTILIPEMIC AGENTS, therapeutic use/  
\*ANTIMETABOLITES, therapeutic use/  
COMPARATIVE STUDY/ \*DIABETES  
MELLITUS, blood/ \*DIETARY FATS/  
ENGLISH ABSTRACT/ \*HEPARIN, therapeutic  
use/ HUMAN/ \*LIPIDS, metabolism/ MIDDLE  
AGE/ \*OILS, therapeutic use/ \*OROTIC ACID,  
therapeutic use/ \*PHENYLBUTYRATES,  
therapeutic use/ SEEDS/ \*VITAMIN B  
COMPLEX, therapeutic use
3639. L'Esperance FA Jr: The treatment of ophthalmic vascular disease by argon laser photocoagulation. Trans Amer Acad Ophthalm Otolaryng 73:1077-96, Nov-Dec 69  
ANEMIA, SICKLE CELL, complications/  
ANGIOMATOSIS, surgery/ \*ARGON,  
therapeutic use/ BLOOD, radiation effects/  
BLOOD PROTEINS, radiation effects/  
CONJUNCTIVA/ DIABETIC RETINOPATHY,  
surgery/ \*EYE DISEASES, surgery/ EYELID  
NEOPLASMS, surgery/ HEMANGIOMA,  
surgery/ HUMAN/ \*LASER COAGULATION/  
LASER COAGULATION, instrumentation/  
METHODS/ RETINA, pathology/ RETINA,  
radiation effects/ RETROLENTAL  
FIBROPLASIA, surgery/ \*VASCULAR  
DISEASES, surgery
3640. Lessen H van, Lessen UA van, Bechtelschmer H: Klinik und Morphologie der Struma maligna. Bruns Beitr Klin Chir 217:108-23, Mar 69 (Ger)  
ADENOCARCINOMA, pathology/  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ \*CARCINOMA, pathology/  
CARCINOMA, PAPILLARY, pathology/  
ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP  
STUDIES/ HEMANGIOENDOTHELIOMA,  
pathology/ HUMAN/ MALE/ MIDDLE AGE/  
NEOPLASM METASTASIS/ PROGNOSIS/  
RADIOTHERAPY, HIGH ENERGY/  
SARCOMA, pathology/ SEX FACTORS/  
THYROID NEOPLASMS, classification/  
\*THYROID NEOPLASMS, pathology/ THYROID  
NEOPLASMS, radiotherapy/ THYROID  
NEOPLASMS, surgery/ THYROIDECTOMY
3641. Leu HJ, Nipkow P: Malignant primary vein tumors. Angiologica (Basel) 6:302-9, 1969  
ADULT/ FEMALE/ FIBROSARCOMA,  
pathology/ HEMANGIOENDOTHELIOMA,  
pathology/ HUMAN/ INFANT/  
\*LEIOMYOSARCOMA, pathology/ MALE/  
MIDDLE AGE/ \*SAPHENOUS VEIN/  
\*SARCOMA, pathology/ SARCOMA,  
OSTEOGENIC, pathology/ \*VENA CAVA,  
INFERIOR
3642. Leube G, Kuehn JJ: Schnelltest zur Bestimmung der Streptokinase-Initialdosis. Med Welt 40:2181-3, 4 Oct 69 (Ger)



## AUTHOR SECTION

\*BLOOD COAGULATION TESTS/ METHODS/  
\*STREPTOKINASE, administration & dosage/  
THROMBELASTOGRAPHY

3643. Leutsch R: Clinical experiences with hemodilution during extracorporeal circulation.  
Bibl Haemat 33:589-80, 1969  
BLOOD COAGULATION TESTS/ DEXTRAN, pharmacodynamics/ DIURESIS, drug effects/ ERYTHROCYTES, drug effects/  
\*EXTRACORPOREAL CIRCULATION/  
\*GELATIN, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HEART ANEURYSM, surgery/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEART SURGERY/  
HEMOGLOBINOMETRY/ HEMOLYSIS/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
MITRAL VALVE INSUFFICIENCY, surgery/  
MITRAL VALVE STENOSIS, surgery/  
MOLECULAR WEIGHT/ \*PLASMA  
SUBSTITUTES/ POLYVINYLPIRROLIDONE, pharmacodynamics/ PULMONARY VALVE STENOSIS, surgery/ TETRALOGY OF FALLOT, surgery/ TRICUSPID VALVE STENOSIS, surgery
3644. Levak-Svajger B, Svajger A, Skreb N: Separation of germ layers in presomite rat embryos.  
Experientia 25:1311-2, 15 Dec 69  
ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ \*ECTODERM/ \*EMBRYO/  
\*ENDODERM/ FEMALE/ IN VITRO/  
\*MESODERM/ PANCREATIN/ PREGNANCY/  
RATS/ TRYPSIN
3645. Levant AD, Pospelova EP, Movsesian RA, et al: Izmeneniya svertyvalushchei i protivosvertyvalushchei sistem krovi u bol'nykh, perenesshikh operatsiiu protezirovaniia klapanov serdtsa. Probl Gemat 14:54-8, May 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ \*HEART SURGERY/ \*HEART VALVE PROSTHESIS/ HUMAN/ MALE/  
\*POSTOPERATIVE COMPLICATIONS
3646. Leverenz S, Konrad H, Schulz K, et al: Uber das Auftreten von Leukozyten- und Thrombozytenantikörpern bei inneren Erkrankungen.  
Allerg Asthma (Leipzig) 15:129-40, 1969 (Ger)  
\*ANTIBODY FORMATION/  
\*AUTOANTIBODIES, analysis/ \*BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ DRUG HYPERSENSITIVITY, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HEMATOLOGIC DISEASES/ HUMAN/ IMMUNE SERUMS/ \*INTERNAL MEDICINE/ ISOANTIBODIES, analysis/ \*LEUKOCYTES, immunology/ LEUKOPENIA, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ MEGAKARYOCYTES, immunology/ PRECIPITIN TESTS/ PREGNANCY/ THROMBOPENIA, immunology
3647. Levin GJa: Vliianie éfirno-kislorodnogo narko a na svertyvalushchulu i antisevertyvalushchulu sistemu krovi pri ozhoge v éksperimente.  
Eksp Khir Anest 15:78-81, Jan-Feb 70 (Rus)  
\*ANESTHESIA, INTRATRACHEAL/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ \*BURNS, blood/ DOGS/ ENGLISH ABSTRACT/ \*ETHYL ETHER, pharmacodynamics/ FEMALE/ MALE
3648. Levin HA, Levine H, Schlossman SF: Studies on the specificity and affinity of alpha, DNP-oligolysine antibody: a basis for questioning the role of cell-bound antibody in cellular recognition of antigen.  
J Immun 104:1377-83, Jun 70  
ALBUMINS/ ANIMAL EXPERIMENTS/  
\*ANTIBODIES/ ANTIBODY FORMATION/  
ANTIBODY PRODUCING CELLS/ ANTIBODY SPECIFICITY/ BINDING SITES/  
\*DINITROPHENOLS/ FIBRINOGEN/  
FLUORESCENCE/ FREUND'S ADJUVANT/  
GUINEA PIGS/ HAPTENS/ \*IMMUNITY/

IMMUNITY, CELLULAR/ IMMUNIZATION/  
LYSINE/ PRECIPITIN TESTS/ PROTEIN  
BINDING/ SPECTROPHOTOMETRY/ TRITIUM

3649. Levin J, Tomasulo PA, Oser RS: Detection of endotoxin in human blood and demonstration of an inhibitor  
J Lab Clin Med 75:903-11, Jun 70  
AMOEBAS/ BIOLOGICAL ASSAY/ BLOOD COAGULATION/ BLOOD PROTEINS/  
CRUSTACEA/ ENDOTOXINS, antagonists & inhibitors/ \*ENDOTOXINS, blood/ ENZYME TESTS/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ METHODS/  
PROTEIN BINDING
3650. Levine BB: Studies on the polylysine immune responder gene. The rank order of immunogenicity of dinitrophenyl conjugates of basic homopolyamino acids in guinea pigs. J Immun 103:931-6, Nov 69  
\*AMINO ACIDS/ ANIMAL EXPERIMENTS/  
\*ANTIBODY FORMATION/ ARGININE/  
CHROMATOGRAPHY/ \*DINITROPHENOLS/  
FREUND'S ADJUVANT/ \*GENES, REGULATOR/ GUINEA PIGS/ HAPTENS/  
HEMAGGLUTINATION TESTS/  
\*HYPERSENSITIVITY, DELAYED, immunology/ IMMUNIZATION/ \*LYSINE/  
ORNITHINE/ PAPER/ SERUM ALBUMIN, BOVINE/ SKIN TESTS/ TRYPSIN, pharmacodynamics
3651. Levine BW, Talamo RC, Shannon DC, et al: Alteration in distribution of pulmonary blood flow: an early manifestation of alpha1-antitrypsin deficiency.  
Ann Intern Med 73:397-401, Sep 70  
ADOLESCENCE/ ADULT/ AIRWAY RESISTANCE/ BLOOD GAS ANALYSIS/  
CARBON DIOXIDE, blood/ CHILD/ FEMALE/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
MALE/ \*METABOLISM, INBORN ERRORS, physiopathology/ METHODS/ MIDDLE AGE/  
OXYGEN, blood/ PULMONARY ALVEOLI, physiology/ PULMONARY ALVEOLI, physiopathology/ \*PULMONARY CIRCULATION/ \*PULMONARY EMPHYSEMA, etiology/ RESPIRATORY FUNCTION TESTS/  
SMOKING, complications/ SPIROMETRY/  
\*TRYPSIN INHIBITORS/  
VENTILATION-PERFUSION RATIO/ VITAL CAPACITY/ XENON, diagnostic use
3652. Levine H: Microangiopathic hemolytic anemia: the pathogenesis of red blood cell fragmentation, a review of the literature.  
Aerospace Med 41:331-6, Mar 70 (80 ref.)  
ADENINE NUCLEOTIDES, metabolism/  
AGING/ \*ANEMIA, HEMOLYTIC, etiology/  
BLOOD COAGULATION/ ENDOTOXINS, pharmacodynamics/ \*ERYTHROCYTES, ABNORMAL/ ERYTHROCYTES, ABNORMAL, physiopathology/ FIBRINOGEN, metabolism/  
HEMOLYSIS, drug effects/ HUMAN/ MODELS, BIOLOGIC/ PLATELET ADHESIVENESS/  
\*PURPURA, THROMBOTIC THROMBOPENIC, etiology/ RABBITS/ REVIEW/ THROMBIN, pharmacodynamics/ THROMBOPENIA, complications/ THROMBOPLASTIN, pharmacodynamics/ VENOMS, pharmacodynamics
3653. Levy G, Nagashima R: Comparative pharmacokinetics of coumarin anticoagulants. VI. Effect of plasma protein binding on the distribution and elimination of bishydroxycoumarin by rats.  
J Pharm Sci 58:1001-4, Aug 69  
ANIMAL EXPERIMENTS/  
BIOTRANSFORMATION/  
BISHYDROXYCOUMARIN, blood/  
\*BISHYDROXYCOUMARIN, metabolism/  
\*BLOOD PROTEINS, metabolism/ KINETICS/  
LIVER, metabolism/ MALE/ PROTEIN BINDING/ RATS/ TIME FACTORS
3654. Levy G, O'Reilly RA, Aggeler PM, et al: Pharmacokinetic analysis of the effect of barbiturate on the anticoagulant action of warfarin in man.  
Clin Pharmacol Ther 11:372-7, May-Jun 70  
ADULT/ \*BARBITURATES, pharmacodynamics/  
\*BLOOD COAGULATION, drug effects/  
CYCLOHEPTANES, pharmacodynamics/



# AUTHOR SECTION

- ENZYME INDUCTION, drug effects/ HUMAN/  
KINETICS/ PROTHROMBIN, biosynthesis/  
PROTHROMBIN TIME/ TIME FACTORS/  
WARFARIN, blood/ WARFARIN, metabolism/  
\*WARFARIN, pharmacodynamics
3655. Lewis JH, Bayer WL, Szeto IL: Coagulation factor XII deficiency in the porpoise, *Tursiops truncatus*. *Comp Biochem Physiol* 31:667-70, 15 Nov 69  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ \*CETACEA/ \*FACTOR XII, analysis/ HEMATOCRIT/ HUMAN/ MALE/ OSMOTIC FRAGILITY/ PROTHROMBIN TIME/ SEROLOGY/ THROMBOPLASTIN/ TIME FACTORS
3656. Lewis JM, White NS, Snyder SR, et al: Consideration of the intrinsic nerve supply of the eye in orbital fractures. *J Oral Surg* 28:707-10, Sep 70  
ADULT/ CASE REPORT/ EDEMA, etiology/ \*EYE, innervation/ \*EYE INJURIES, complications/ FEMALE/ FRACTURE FIXATION/ HEMATOMA, etiology/ HUMAN/ \*ORBIT, injuries
3657. Lewis N, Majerus PW: Lipid metabolism in human platelets. II. De novo phospholipid synthesis and the effect of thrombin on the pattern of synthesis. *J Clin Invest* 48:2114-23, Nov 69  
ACETATES/ \*BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY/ \*GLYCERIDES, biosynthesis/ GLYCERIN, metabolism/ HUMAN/ \*PHOSPHOINOSITIDES, biosynthesis/ \*PHOSPHOLIPIDS, biosynthesis/ PHOSPHOLIPIDS, blood/ \*THROMBIN, pharmacodynamics/ THROMBIN, physiology/ TRITIUM/ TRYPSIN, pharmacodynamics
3658. Lewis PN, Go N, Go M, et al: Helix probability profiles of denatured proteins and their correlation with native structures. *Proc Nat Acad Sci USA* 65:810-5, Apr 70  
AMINO ACIDS/ CARBOXYPEPTIDASES/ CETACEA/ CHICKENS/ CHYMOTRYPSIN/ CYTOCHROMES/ HEMOGLOBIN/ HORSES/ INSULIN/ MURAMIDASE/ MYOGLOBIN/ PAPAINE/ PEPTIDE PEPTIDOHYDROLASES/ \*PEPTIDES/ \*PROTEIN DENATURATION/ RIBONUCLEASE/ STAPHYLOCOCCUS, enzymology/ SWINE
3659. Lewis RJ, Trager WF: Warfarin metabolism in man: identification of metabolites in urine. *J Clin Invest* 49:907-13, May 70  
ALCOHOLS, urine/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ COUMARINS, urine/ HUMAN/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS/ URINE, analysis/ WARFARIN, administration & dosage/ \*WARFARIN, metabolism/ WARFARIN, urine
3660. Lewis WH, Truslove GM: Electrophoretic heterogeneity of mouse erythrocyte peptidases. *Biochem Genet* 3:493-8, Oct 69  
ALLELES/ ANIMAL EXPERIMENTS/ CROSSES, GENETIC/ DIPEPTIDASES, metabolism/ DIPEPTIDES/ \*ELECTROPHORESIS/ EMBRYO, enzymology/ \*ERYTHROCYTES, enzymology/ FEMALE/ GELS/ GENETICS, BIOCHEMICAL/ HETEROZYGOTE/ MALE/ METHODS/ MICE/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ PLACENTA, enzymology/ PREGNANCY/ STAINS AND STAINING/ STARCH/ VARIATION (GENETICS)
3661. Ley HL Jr: Implications of contraception. C. Oral contraceptives and blood coagulation. *J Med Educ* 44:Suppl 2:71-3, Nov 69  
BLOOD CIRCULATION, drug effects/ \*BLOOD COAGULATION, drug effects/ \*CEREBROVASCULAR DISORDERS, chemically induced/ CONTRACEPTION/ \*CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, adverse effects/
- FEMALE/ HUMAN/ MESTRANOL, adverse effects/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ \*PULMONARY EMBOLISM, chemically induced/ \*THROMBOEMBOLISM, chemically induced
3662. Ley KD, Burger D, Henson JB: Equine interferon: characterization of a viral inhibitor induced in equine kidney cell cultures with statolon. *J Infect Dis* 121:335-8, Mar 70  
CELL LINE/ DACTINOMYCIN, pharmacodynamics/ HORSES/ INTERFERON, analysis/ INTERFERON, antagonists & inhibitors/ \*INTERFERON, biosynthesis/ INTERFERON, pharmacodynamics/ KIDNEY/ MOLECULAR WEIGHT/ \*POLYSACCHARIDES, pharmacodynamics/ STATOLON, pharmacodynamics/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ VESICULAR STOMATITIS VIRUS, drug effects/ ZINC
3663. Lhermitte F, Chain F, Aron D, et al: Les troubles de la vision des couleurs dans les lésions postérieures du cerveau à propos de 42 observations. *Rev Neurol (Paris)* 121:5-29, Jul 69 (Fre)  
ADULT/ AGED/ AGNOSIA/ BRAIN ABSCESS, complications/ \*BRAIN DISEASES, complications/ BRAIN INJURY, ACUTE, complications/ BRAIN NEOPLASMS, complications/ CEREBROVASCULAR DISORDERS, complications/ COLOR BLINDNESS, etiology/ COLOR PERCEPTION/ COLOR PERCEPTION TESTS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, complications/ HEMIANOPSIA, complications/ HUMAN/ MALE/ MIDDLE AGE
3664. Li LF, Block J, Kipfer RK, et al: Amino acid metabolism and the biosynthesis of prothrombin in the perfused rat liver. *Proc Soc Exp Biol Med* 133:168-70, Jan 70  
\*AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ LEUCINE, metabolism/ \*LIVER, metabolism/ MALE/ PERFUSION/ \*PROTHROMBIN, biosynthesis/ RATS/ VITAMIN K, pharmacodynamics/ WARFARIN, pharmacodynamics
3665. Li LF, Kipfer RK, Olson RE: Immunochemical measurement of vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. *Arch Biochem* 137:494-9, Apr 70  
ALGAE/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IN VITRO/ LEUCINE, metabolism/ LIVER, drug effects/ \*LIVER, metabolism/ METHODS/ PERFUSION/ PRECIPITIN TESTS/ PROTEIN HYDROLYSATES, metabolism/ \*PROTHROMBIN, biosynthesis/ RABBITS/ RATS/ TIME FACTORS/ \*VITAMIN K, pharmacodynamics
3666. Liainan ME, Chernikov MP: Ugnetalushchee deistvie inhibitorov proteinaz fasoli na usvoenie belka rastushchimi krysami. *Vop Pitn* 28:27-32, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ CASEIN, metabolism/ DEPRESSION, CHEMICAL/ \*DIETARY PROTEINS, metabolism/ DIGESTION, drug effects/ ENGLISH ABSTRACT/ GROWTH, drug effects/ \*PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PLANT PROTEINS, isolation & purification/ \*PLANT PROTEINS, pharmacodynamics/ RATS/ VEGETABLES
3667. Lianda VA, Kotsiubinskii AP: K klinike i etiologii bolezni steroidov-vebera-krabbe. *Zh Nevropat Psikhiat Korsakov* 69:1572-5, 1969 (Rus)  
ADOLESCENCE/ ANGIOMATOSIS, complications/ \*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, etiology/ CHILD/ CONVULSIONS, etiology/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MENTAL RETARDATION, etiology/ PSYCHOSES, ORGANIC, etiology



## AUTHOR SECTION

3668. Liao TH, Pierce JG: The presence of a common type of subunit in bovine thyroid-stimulating and luteinizing hormones. *J Biol Chem* 245:3275-81, 10 Jul 70  
AMINO ACIDS, analysis/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ BICARBONATES/ BIOLOGICAL ASSAY/ CARBOHYDRATES, analysis/ CATTLE/ CHEMISTRY/ CHICKENS/ ELECTROPHORESIS/ GEL FILTRATION/ ISOLEUCINE, analysis/ LEUCINE, analysis/ \*LH, analysis/ PEPTIDES, analysis/ PHOSPHORUS ISOTOPES/ PROPIONATES/ THYROID GLAND, drug effects/ \*THYROTROPIN, analysis/ THYROTROPIN, pharmacodynamics/ TRYPSIN/ TYROSINE, analysis
3669. Libánský J: Změna klinického obrazu krevních chorob v posledních desetiletích.  
*Vnitřní Lek* 15:937-45, Oct 69 (Cze)  
ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE/ ANEMIA, PERNICIOUS/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ \*HEMATOLOGIC DISEASES/ HEMATOLOGIC DISEASES, diagnosis/ HEMATOLOGIC DISEASES, therapy/ HEMOPHILIA/ HUMAN/ LEUKEMIA/ MALE/ MIDDLE AGE/ PROGNOSIS
3670. Libánský J: Péče o nemocné s hemofilii v CSSR (Zdravotně-sociologická studie)  
*Vnitřní Lek* 16:11-20, Jan 70 (Cze)  
CZECHOSLOVAKIA/ ENGLISH ABSTRACT/ \*HEMOPHILIA, therapy/ HUMAN/ STATE MEDICINE
3671. Libánský J: Je možná prevence hemofilických arthropatií? *Vnitřní Lek* 16:29-33, Jan 70 (Cze)  
\*HEMOPHILIA, complications/ HEMORRHAGE, prevention & control/ HUMAN/ \*JOINT DISEASES, prevention & control
3672. Libor S, Elödi P: Selective reaction of tyrosyl side chains with iodine in D-glyceraldehyde 3-phosphate dehydrogenase. 2. Isolation of the peptides containing reactive tyrosyl side chains.  
*Europ J Biochem* 12:345-8, Feb 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ GEL FILTRATION/ \*GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ \*IODINE/ IODINE ISOTOPES/ MUSCLES, enzymology/ \*PEPTIDES, isolation & purification/ PROTEIN DENATURATION/ RADIOAUTOGRAHY/ SWINE/ TRYPSIN/ \*TYROSINE/ UREA
3673. Libor S, Elödi P: Selective reaction of tyrosyl side chains with iodine in D-glyceraldehyde 3-phosphate dehydrogenase. 1. Study of the differential formation of monolodo and dilodo derivatives.  
*Europ J Biochem* 12:336-44, Feb 70  
CHEMISTRY/ \*DIODOTYROSINE, chem synthesis/ \*GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ \*IODINE/ IODINE ISOTOPES/ IODOTYROSINE, chem synthesis/ MUSCLES, enzymology/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, analysis/ PROTEIN DENATURATION/ RADIOAUTOGRAHY/ SOLVENTS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ SWINE/ TIME FACTORS/ TRYPSIN/ TRYPTOPHAN/ \*TYROSINE/ UREA/ VISCOSITY
3674. Lichtenauer F, Specht G, Schmitt C: Ist die Operation gutartiger Lungentumoren gerechtfertigt?  
*Thoraxchirurgie* 17:213-21, Jun 69 (Ger)  
ADENOMA, surgery/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HAMARTOMA, surgery/ HEMANGIOENDOTHELIOMA, surgery/ HISTIOCYTOMA, surgery/ HUMAN/ LEIOMYOMA, surgery/ LIPOMA, surgery/ LUNG NEOPLASMS, pathology/ \*LUNG NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS
3675. Lichtenthaler HK: Die Bildung überschüssiger Plastidenchinnone in den Blättern von *Ficus elastica* Roxb. *Z Naturforsch [B]* 24:1461-6, Nov 69 (Ger)
- CAROTENOIDS, analysis/ CAROTENOIDS, biosynthesis/ CHLOROPHYLL, analysis/ CHLOROPHYLL, biosynthesis/ \*CHLOROPLASTS, metabolism/ ENGLISH ABSTRACT/ PHYTONADIONE, biosynthesis/ \*PLANTS, metabolism/ QUINONES, analysis/ \*QUINONES, biosynthesis/ VITAMIN E, biosynthesis
3676. Lichter I: Antitrypsin deficiency in lung disease.  
*Lancet* 1:1113, 23 May 70  
HUMAN/ \*LUNG DISEASES, enzymology/ \*TRYPSIN INHIBITORS, metabolism
3677. Lider VA: Kompensiruiushchee villanie vitamina K na aktivnost: pishchevaritel'nykh ékzofermentov, narushennulu u zhivotnykh s E-avitaminozom.  
*Vop Pitan* 29:41-3, May-Jun 70 (Rus)  
\*AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ \*DUODENUM, enzymology/ ENGLISH ABSTRACT/ \*LIPASE, metabolism/ MALE/ \*PANCREAS, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ \*VITAMIN E DEFICIENCY, drug therapy/ VITAMIN E DEFICIENCY, enzymology/ \*VITAMIN K, therapeutic use
3678. Lieberman J: The appropriate use of mucolytic agents.  
*Amer J Med* 49:1-4, Jul 70  
\*ACETYLCYSTEINE, administration & dosage/ ANTIBIOTICS, therapeutic use/ ASCORBIC ACID, therapeutic use/ BRONCHI, secretion/ BRONCHITIS, drug therapy/ BRONCHODILATOR AGENTS, therapeutic use/ \*DEOXYRIBONUCLEASE, therapeutic use/ DNA, pharmacodynamics/ EDTA, therapeutic use/ EPITHELIUM/ HUMAN/ INHALATION THERAPY/ MUCOPOLYSACCHARIDES, analysis/ MUCUS, analysis/ \*MUCUS, drug effects/ MUCUS, secretion/ PEPTIDE HYDROLASES, therapeutic use/ \*SPUTUM, drug effects/ SPUTUM, secretion/ TRACHEA, secretion/ UREA, therapeutic use/ VISCOSITY
3679. Lieberman J, Evans HE: Hyaline membrane disease and antitrypsin deficiency.  
*Amer Rev Resp Dis* 102:126-7, Jul 70  
\*BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN DISORDERS, familial & genetic/ FEMALE/ HUMAN/ \*HYALINE MEMBRANE DISEASE, etiology/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMINOGEN, antagonists & inhibitors/ PULMONARY EMPHYSEMA, etiology/ TRYPSIN, antagonists & inhibitors
3680. Lieberman J, Kueppers F: Alpha-1-antitrypsin deficiency. *Science* 167:1015-6, 13 Feb 70  
\*HETEROZYGOTE/ IMMUNOELECTROPHORESIS/ \*METABOLISM, INBORN ERRORS, blood/ METABOLISM, INBORN ERRORS, familial & genetic/ \*TRYPSIN INHIBITORS, blood
3681. Lieberman J, Mittman C: Alpha 1-antitrypsin deficiency and emphysema. *JAMA* 211:1701, 9 Mar 70  
HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ \*METABOLISM, INBORN ERRORS, complications/ \*PULMONARY EMPHYSEMA, complications/ \*TRYPSIN INHIBITORS
3682. Lieberman J, Mittman C: More on antitrypsin activity in lung disease. *Ann Intern Med* 72:437-8, Mar 70  
\*BRONCHITIS, enzymology/ FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ \*METABOLISM, INBORN ERRORS, complications/ \*PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ \*TRYPSIN INHIBITORS
3683. Lieberman J, Mittman C, Schneider AS: Screening for homozygous and heterozygous alpha 1-antitrypsin deficiency. Protein electrophoresis on cellulose acetate membranes. *JAMA* 210:2055-60, 15 Dec 69  
\*ALPHA GLOBULIN, analysis/ BETA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CELLULOSE/ GAMMA GLOBULIN, analysis/ \*HETEROZYGOTE/ \*HOMOZYGOTE/ HUMAN/ PULMONARY EMPHYSEMA, enzymology/ PULMONARY



# AUTHOR SECTION

- EMPHYSEMA, etiology/ \*PULMONARY  
EMPHYSEMA, familial & genetic/ SERUM  
ALBUMIN, analysis/ SMOKING, complications/  
\*TRYPSIN INHIBITORS, blood
3684. Liebermann J, Mittman C: Screening for heterozygous alpha-antitrypsin deficiency. II. Effect of other serum protein abnormalities.  
Ann Intern Med 73:9-13, Jul 70  
ADULT/ \*ALPHA GLOBULIN/ \*BLOOD  
PROTEIN DISORDERS/ BLOOD PROTEIN  
ELECTROPHORESIS/ CHILD/ GAMMA  
GLOBULIN/ \*HETEROZYGOTE/ HUMAN/  
LIVER, metabolism/ LIVER CIRRHOSIS,  
blood/ LIVER CIRRHOSIS, metabolism/  
LYMPHOMA, blood/ MACROGLOBULINEMIA,  
blood/ NEPHROTIC SYNDROME, blood/  
PEDIGREE/ SERUM ALBUMIN, biosynthesis/  
\*TRYPSIN INHIBITORS, blood
3685. Liebhaber H: Measurement of rubella antibody by hemagglutination inhibition. II. Characteristics of an improved HAI test employing a new method for the removal of non-immunoglobulin HA inhibitors from serum. J Immun 104:826-34, Apr 70  
ANTIBODIES/ CALCIUM CHLORIDE,  
pharmacodynamics/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DEXTRAN,  
pharmacodynamics/ ERYTHROCYTES,  
immunology/ FALSE POSITIVE REACTIONS/  
FEMALE/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ GEESE/  
GEL DIFFUSION TESTS/  
\*HEMAGGLUTINATION INHIBITION TESTS/  
HEPARIN, pharmacodynamics/ HUMAN/  
IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ KAOLIN,  
pharmacodynamics/ MAGNESIUM,  
pharmacodynamics/ PREGNANCY/ \*RUBELLA,  
immunology/ \*RUBELLA VIRUS, immunology
3686. Liebman J, Leash A, Benyo R, et al: Effect of early underfeeding on the weight of the white Carneau pigeon. Atherosclerosis 11:439-49, May-Jun 70  
ANIMAL EXPERIMENTS/ ANIMALS,  
NEWBORN/ AORTA, pathology/  
ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, prevention & control/  
BODY WEIGHT/ \*DIET/ FASTING/ FATTY  
STREAK, ARTERIAL/ PIGEONS, growth &  
development/ PREGNANCY, ANIMAL/  
WEANING
3687. Liebold F, Wegner H, Schille E: Beeinflussung des Säure-Basen- und Elektrolythaushaltes nach Transfusionen von länger gelagerten ACD-stabilisierten Konservenbluten.  
Z Ges Inn Med 25:54-8, 15 Jan 70 (Ger)  
\*ACID-BASE EQUILIBRIUM/ AGED/  
BICARBONATES, blood/ BLOOD/ BLOOD  
PRESERVATION/ \*BLOOD TRANSFUSION/  
CITRATES/ ENGLISH ABSTRACT/  
ERYTHROCYTES, analysis/ FEMALE/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
MALE/ POTASSIUM, blood/ SODIUM, blood/  
TIME FACTORS/ \*WATER-ELECTROLYTE  
BALANCE
3688. Light A, Hardwick BC, Hatfield LM, et al: Modification of a single disulfide bond in trypsinogen and the activation of the carboxymethyl derivative.  
J Biol Chem 244:6289-98, 25 Nov 69  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ BINDING SITES/  
BORON COMPOUNDS/ CARBON ISOTOPES/  
CHEMISTRY/ PEPTIDES, analysis/  
SULFIDES/ TRYPSIN/ \*TRYPSINOGEN
3689. Lim RC, Kostrzewski E, Bergentz SE, et al: Właściwości reologiczne krwi chorych, leczonych przetoczeniem dekstranu 40 i dekstranu 70.  
Pol Tyg Lek 24:1797-9, 24 Oct 69 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
FLOW VELOCITY/ \*BLOOD VISCOSITY, drug  
effects/ \*DEXTRAN, pharmacodynamics/  
ENGLISH ABSTRACT/ FEMALE/  
HEMATOCRIT/ HUMAN/ MALE/ MIDDLE  
AGE/ SURGERY, OPERATIVE
3690. Lim RC Jr, Appelgren L, Bergentz SE, et al: The turnover of fibrinogen in aortic surgery. An experimental study in dogs.  
Acta Chir Scand 135:363-7, 1969  
ANIMAL EXPERIMENTS/ \*AORTA, surgery/  
DOGS/ \*FIBRINOGEN, metabolism/  
HEMOSTASIS/ HYPOTENSION, metabolism/  
IODINE ISOTOPES/ POSTOPERATIVE  
COMPLICATIONS, etiology/ \*THROMBOSIS,  
etiology/ THROMBOSIS, metabolism
3691. Lima-Gonçalves E, Machado MC, Bevilacqua RG, et al: Estudo da função hepática em transplantes de fígado.  
Rev Hosp Clin Fac Med S Paulo 225-33, Jul-Aug 69 (Por)  
ALANINE AMINOTRANSFERASE/ ALKALINE  
PHOSPHATASE, blood/ ANIMAL  
EXPERIMENTS/ BILIRUBIN, blood/ \*BLOOD  
COAGULATION TESTS/ DOGS/ ENGLISH  
ABSTRACT/ \*LIVER, physiology/ \*LIVER,  
transplantation/ TRANSPLANTATION,  
HOMOLOGOUS
3692. Lin JB, Misaka N, Fukunaga W, et al: Hemangioma of the placenta. Case report and review of the literatures. Acta Obstet Gynaec Jap 17:107-14, Apr 70  
ADULT/ CASE REPORT/ FEMALE/  
\*GYNECOLOGIC NEOPLASMS/  
\*HEMANGIOMA/ HEMANGIOMA, pathology/  
HUMAN/ \*PLACENTA/ PREGNANCY
3693. Lin JY, Kao CL, Tung TC: Study on the effect of tryptic digestion on the toxicity of abrin.  
J Formosan Med Ass 69:61-3, 28 Feb 70  
PLANT EXTRACTS, toxicity/ \*PLANT  
PROTEINS, toxicity/ \*PLANTS/ \*TRYPSIN,  
pharmacodynamics
3694. Lin MC, Bustin M: Reversibility of denaturation of the zymogen and the proteolyzed zymogen of streptococcal proteinase.  
J Biol Chem 245:3384-7, 10 Jul 70  
CHEMISTRY/ DIALYSIS/ ENZYME  
PRECURSORS/ GUANIDINES/ HEAT/  
OPTICAL ROTATORY DISPERSION/  
\*PEPTIDE HYDROLASES/ PROTEIN  
DENATURATION/ \*STREPTOCOCCUS,  
enzymology/ TRYPSIN
3695. Lin Y, Means GE, Feeney RE: An assay for carboxypeptidases A and B on polypeptides from protein. Anal Biochem 32:436-45, Dec 69  
BORON COMPOUNDS/  
\*CARBOXYPEPTIDASES, analysis/ CASEIN/  
CHYMOTRYPSIN/ FORMALDEHYDE/  
HYDROGEN-ION CONCENTRATION/  
INDICATORS AND REAGENTS/ KINETICS/  
METHODS/ METHYLATION/  
OXIDATION-REDUCTION/ \*PEPTIDES/  
TRYPSIN
3696. Lincoff H: The mechanism of the cryosurgical adhesion.  
Trans Ophthal Soc UK 88:99-112, 1969  
\*ADHESIONS, pathology/ ANIMAL  
EXPERIMENTS/ CHOROID/ \*CRYOGENIC  
SURGERY/ EPITHELIUM/ FIBRIN,  
metabolism/ MACROPHAGES/ MELANIN/  
MICROSCOPY, ELECTRON/ NECROSIS,  
metabolism/ PHAGOCYTOSIS/ RABBITS/  
REGENERATION/ RETINA, pathology/  
\*RETINA, surgery/ RETINAL PIGMENTS/  
RODS AND CONES
3697. Lincoff H, Long R, Marquardt J, et al: The cryosurgical adhesion. Bibl Ophthal 79:414-35, 1969  
ADHESIONS, pathology/ ANIMAL  
EXPERIMENTS/ CHOROID, pathology/  
COMPARATIVE STUDY/ \*CRYOGENIC  
SURGERY/ \*DIATHERMY/ EPITHELIUM/  
MACROPHAGES, physiopathology/  
MICROSCOPY/ MICROSCOPY, ELECTRON/  
PIGMENTS/ RABBITS/ \*RETINA, pathology/  
RETINAL DETACHMENT, surgery/ RETINAL  
PIGMENTS
3698. Lincoff H, O'Connor P, Kreissig I: Die Retina-Adhäsion nach Kryoexie.  
Klin Mbl Augenheilk 156:771-83, 1970 (Ger)  
ADHESIONS, pathology/ ANIMAL  
EXPERIMENTS/ CRYOGENIC SURGERY,  
adverse effects/ \*CRYOGENIC SURGERY,



# AUTHOR SECTION

- adverse effects/ DIATHERMY/ DIATHERMY,  
adverse effects/ ENGLISH ABSTRACT/ \*EYE  
DISEASES, etiology/ EYE INJURIES, etiology/  
METHODS/ RABBITS/ RETINA, injuries/  
RETINA, pathology/ RETINAL DETACHMENT,  
surgery/ RETINAL DETACHMENT, therapy/  
RETINAL PIGMENTS/ TIME FACTORS
3699. Lincoff H, O'Connor P, Bloch D, et al: The cryosurgical  
adhesion. II.  
Trans Amer Acad Ophthal Otolaryng 74:98-107,  
Jan-Feb 70  
ADHESIONS/ ANIMAL EXPERIMENTS/  
BIOMECHANICS/ \*CRYOGENIC SURGERY/  
ELECTROCOAGULATION/  
OPHTHALMOSCOPY/ RABBITS/ \*RETINA,  
pathology/ \*RETINAL DETACHMENT, surgery
3700. Lindahl U: Attempted isolation of a heparin  
proteoglycan from bovine liver capsule.  
Biochem J 116:27-34, Jan 70  
ANIMAL EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY/ GALACTOSE, analysis/  
\*GLYCOPROTEINS, analysis/ HEPARIN,  
analysis/ \*HEPARIN, analysis/  
HYALURONIDASE, metabolism/ \*LIVER,  
analysis/ MOLECULAR WEIGHT/  
\*POLYSACCHARIDES, analysis/  
POLYSACCHARIDES, metabolism/ SERINE,  
analysis/ XYLOSE, analysis
3701. Lindberg MU, Skoog L: Purification from calf thymus of  
an inhibitor of deoxyribonuclease I.  
Europ J Biochem 13:326-35, Apr 70  
ADSORPTION/ ALUMINUM/ ANIMAL  
EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
\*DEOXYRIBONUCLEASE, antagonists &  
inhibitors/ DRUG STABILITY/ ESCHERICHIA  
COLI, enzymology/ GEL FILTRATION/ GELS/  
GLYCERIN/ GUANIDINES/ HYDROGEN-ION  
CONCENTRATION/ METHODS/ MOLECULAR  
WEIGHT/ NEUROSPORA, enzymology/ ORGAN  
SPECIFICITY/ PANCREAS, enzymology/  
\*PROTEINS, isolation & purification/  
RIBONUCLEASE/ SOLUBILITY/ SPECTRUM  
ANALYSIS/ SPLEEN, enzymology/  
STAPHYLOCOCCUS, enzymology/  
TEMPERATURE/ \*THYMUS GLAND, analysis/  
TRYPSIN/ ULTRACENTRIFUGATION/  
ULTRAVIOLET RAYS
3702. Lindenschmidt W, Börner P, Majewski A: Peritonitis  
und ileus bei Schwangeren und Wöchnerinnen.  
Munchen Med Wschr 111:2399-405, 14 Nov 69 (Ger)  
ADULT/ ANTIBIOTICS, therapeutic use/  
BLOOD PRESSURE DETERMINATION/  
CATHETERIZATION/ CHLORIDES, blood/  
CREATINE, blood/ ENGLISH ABSTRACT/  
FEMALE/ HEMATOCRIT/ HUMAN/  
HYPOTHERMIA, INDUCED/ INDICAN, urine/  
INFUSIONS, PARENTERAL/ \*INTESTINAL  
OBSTRUCTION, complications/ INTESTINAL  
OBSTRUCTION, therapy/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ LABOR, INDUCED/  
LAPAROTOMY/ LEUKOCYTE COUNT/  
\*PERITONITIS, complications/ PERITONITIS,  
therapy/ POTASSIUM, blood/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS/  
\*PUERPERAL DISORDERS, complications/  
PULSE/ SAPHEOUS VEIN/ SODIUM, blood/  
URINATION
3703. Linder F: Ergebnisse der Prophylaxe und Therapie der  
Lungenembolie.  
Langenbecks Arch Chir 325:1090-2, 1969 (Ger)  
ANGIOGRAPHY/ EXERCISE THERAPY/  
HEPARIN, therapeutic use/ HUMAN/  
PULMONARY EMBOLISM, diagnosis/  
PULMONARY EMBOLISM, drug therapy/  
\*PULMONARY EMBOLISM, prevention &  
control/ PULMONARY EMBOLISM,  
radiography/ PULMONARY EMBOLISM,  
surgery/ \*PULMONARY EMBOLISM, therapy
3704. Linder L, Söder PO, Frostell G, et al: Production of  
extracellular proteolytic enzymes from two strains of  
oral streptococci. Svensk Tandlak T 63:399-407, Jun 70  
HYDROGEN-ION CONCENTRATION/  
\*PEPTIDE HYDROLASES, isolation &  
purification/ \*STREPTOCOCCUS FAECALIS,  
enzymology
3705. Linder M, Müller-Berghaus G, Lasch HG, et al: Virus  
infection and blood coagulation.  
Thromb Diath Haemorrh 23:1-11, 28 Feb 70  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
FACTORS, analysis/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS/ CHICKENS/  
COMB AND WATTLES, pathology/  
DISSEMINATED INTRAVASCULAR  
COAGULATION, etiology/ FIBRIN/ FOWL  
PLAGUE, blood/ FOWL PLAGUE,  
complications/ HEMORRHAGE, drug therapy/  
HEMORRHAGE, etiology/ HEPARIN,  
therapeutic use/ LIVER, pathology/ LUNG,  
pathology/ MYOCARDIUM, pathology/  
SPLEEN, pathology/  
THROMBELASTOGRAPHY/ \*VIRUS DISEASES,  
blood
3706. Lindsay DG, Shall S: Monosubstituted  
2,2-dimethyl-3-formyl-L-thiazolidine-4-carbonyl-  
insulins. Europ J Biochem 15:547-54, Sep 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL ASSAY/  
CATTLE/ CHROMATOGRAPHY, ION  
EXCHANGE/ CRYSTALLIZATION/  
ELECTROPHORESIS/ HYDROGEN-ION  
CONCENTRATION/ \*INSULIN/ INSULIN,  
pharmacodynamics/ MICE/ SWINE/  
\*THIAZOLES/ TRYPSIN
3707. Lindsay DJ, Ring EF, Coorey PF, et al: Joint irrigation  
in rheumatoid arthritis: a controlled trial.  
Ann Rheum Dis 28:679-80, Nov 69  
\*ARTHRITIS, RHEUMATOID, therapy/ BODY  
TEMPERATURE/ CLINICAL RESEARCH/  
COMPARATIVE STUDY/ DRAINAGE/  
FIBRINOGEN, analysis/ GLUCOSE/ HUMAN/  
\*IRRIGATION/ KNEE JOINT/ RHEUMATOID  
FACTOR, analysis/ SODIUM CHLORIDE/  
SYNOVIAL FLUID, analysis
3708. Lindvall S, Magnusson O, Orth K: On the inhibition of a  
fibrinolytic enzyme from Aspergillus oryzae by  
serum. Acta Chem Scand 23:2165-74, 1969  
\*ASPERGILLUS, enzymology/ \*BLOOD/  
ELECTROPHORESIS/ FIBRINOLYSIS/  
GELATIN/ HEAT/ HUMAN/ KINETICS/  
METHODS/ \*PEPTIDE HYDROLASES,  
antagonists & inhibitors/ VISCOSITY
3709. Lineva VA: O sochetannom primeneni  
antikoagulantov s anabolicheskimi steroidnymi  
preparatami v kompleksnoi terapii bol'nykh ostrol  
koronarnoi nedostatochnost'iu.  
Ter Arkh 42:24-7, Jan 70 (Rus)  
\*ANABOLIC STEROIDS, therapeutic use/  
\*ANTICOAGULANTS, therapeutic use/ BLOOD  
PROTEINS, analysis/ \*CORONARY DISEASE,  
therapy/ ENGLISH ABSTRACT/ HUMAN
3710. Linevskii Iu V: Izuchenie tonkoj kishki s pomoshch'iu  
dvukhprosvetnogo zonda.  
Sovet Med 32:82-8, Dec 69 (Rus)  
ALKALINE PHOSPHATASE, analysis/  
ENGLISH ABSTRACT/ ENTERITIS,  
enzymology/ ENTERITIS, pathology/  
GASTRITIS, enzymology/ HUMAN/  
\*INTESTINE, SMALL/ INTESTINE, SMALL,  
enzymology/ INTESTINE, SMALL, pathology/  
\*INTUBATION, GASTROINTESTINAL,  
instrumentation/ PANCREATITIS, enzymology/  
PEPTIDE PEPTIDOHYDROLASES, analysis/  
TUBERCULOSIS, GASTROINTESTINAL,  
enzymology
3711. Ling V, Dixon GH: The biosynthesis of protamine in  
trout testis. II. Polysome patterns and protein  
synthetic activities during testis maturation.  
J Biol Chem 245:3035-42, Jun 70  
AGING/ ANIMAL EXPERIMENTS/ ARGININE,  
metabolism/ CARBON ISOTOPES/  
CENTRIFUGATION, DENSITY GRADIENT/  
CYTOPLASM, metabolism/ DACTINOMYCIN,



# AUTHOR SECTION

- pharmacodynamics/ LIVER, metabolism/  
LYSINE, metabolism/ MAGNESIUM/  
\*PROTAMINES, biosynthesis/ RIBONUCLEASE/  
\*RIBOSOMES, metabolism/ SALMONIDAE/  
SEASONS/ TESTIS, cytology/ TESTIS, drug  
effects/ \*TESTIS, metabolism/  
ULTRACENTRIFUGATION
3712. Lingjaerde O Jr: Inhibitory effect of two newer antidepressants, Lu 5-003 and Lu 3-010, on serotonin uptake in human blood platelets in vitro. Psychopharmacologia (Berlin) 17:94-9, 1970  
\*ANTIDEPRESSIVE AGENTS,  
pharmacodynamics/ BENZOFURANS,  
pharmacodynamics/ BLOOD PLATELETS, drug  
effects/ \*BLOOD PLATELETS, metabolism/  
CARBON ISOTOPES/ DEPRESSION,  
CHEMICAL/ HUMAN/ IN VITRO/ KINETICS/  
SEROTONIN, blood/ \*SEROTONIN, metabolism
3713. Linklater KA: The occurrence of red cell isoantibodies in the sera of dams of piglets showing thrombocytopenic purpura. Vet Rec 86:630-1, 23 May 70  
AGGLUTINATION TESTS/ ANIMAL  
EXPERIMENTS/ \*ERYTHROCYTES,  
immunology/ FEMALE/ FETUS/ HEMOLYSIS/  
\*ISOANTIBODIES, analysis/ PURPURA,  
THROMBOPENIC, immunology/ \*PURPURA,  
THROMBOPENIC, veterinary/ SWINE/ \*SWINE  
DISEASES, immunology
3714. Linneweh F, Barthelmai W, Wenske G: Über Erfahrungen mit der vollautomatischen Aminosäuren-Analyse im Ultra-Mikrobereich. Klin Wschr 47:971-5, 15 Sep 69 (Ger)  
\*AMINO ACIDS, analysis/ AMINO ACIDS,  
blood/ ANIMAL EXPERIMENTS/  
\*AUTOANALYSIS/ AUTOANALYSIS,  
instrumentation/ BLOOD PLATELETS,  
analysis/ CHROMATOGRAPHY/  
CONJUNCTIVA, analysis/ ENGLISH  
ABSTRACT/ HUMAN/ INSECTS/  
LEUKOCYTES, analysis
3715. Linquette M, Gasnault JP: Le traitement du syndrome prémenstruel. Résultats obtenus avec le Chymodrex. Lille Med 12:Suppl:529-33, May 67 (Fre)  
AZIDES, therapeutic use/ \*DIURETICS,  
therapeutic use/ FEMALE/ HUMAN/  
\*MENSTRUATION DISORDERS, drug therapy/  
PANCREATIC EXTRACTS, therapeutic use/  
\*PEPTIDE HYDROLASES, therapeutic use/  
PREMENSTRUAL TENSION, drug therapy
3716. Linz O: Zur Therapie funktioneller pathologischer Uterusblutungen mit PAMBA-Tabletten. Deutsch Gesundh 24:921-3, 15 May 69 (Ger)  
ADOLESCENCE/ ADULT/  
\*ANTIFIBRINOLYTIC AGENTS, administration  
& dosage/ \*BENZOATES, administration &  
dosage/ CHILD/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*MENSTRUATION  
DISORDERS, drug therapy/ MIDDLE AGE/  
TABLETS
3717. Lipetz J, Bihler K: Untersuchungen zur Prophylaxe und Therapie der Infusionsthrombophlebitis mit einer Organo-Heparinoid-Salbe. Med Welt 30:1662-5, 26 Jul 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
FEMALE/ \*HEPARINOID, administration &  
dosage/ HUMAN/ \*INJECTIONS,  
INTRAVENOUS, adverse effects/ MALE/  
MIDDLE AGE/ OINTMENTS/  
THROMBOPHLEBITIS, etiology/  
\*THROMBOPHLEBITIS, prevention & control
3718. Lipen' EB: Anestezija pri lečenju arterial'noi neprokhodimosti konechnostei metodom regional'noi perfuzii. Khirurgija (Moskva) 45:45-8, Jun 69 (Rus)  
\*ANESTHESIA, INTRATRACHEAL/ \*ARM,  
blood supply/ \*ARTERIES/ ENDARTERITIS,  
surgery/ ENGLISH ABSTRACT/  
FIBRINOLYTIC AGENTS, therapeutic use/  
HUMAN/ \*LEG, blood supply/ PERFUSION/  
THROMBOEMBOLISM, surgery/ VASCULAR  
DISEASES, surgery
3719. Lipiński B: Demonstration of antiparacoagulating activity of acid mucopolysaccharides and extracts of the aortic wall. Thromb Diath Haemorrh 22:401-2, 15 Nov 69  
\*AORTA/ \*BLOOD COAGULATION, drug  
effects/ BLOOD COAGULATION TESTS/  
BLOOD PROTEINS, analysis/ CHONDROITIN,  
pharmacodynamics/ FIBRIN, metabolism/  
FIBRINOGEN/ HEPARIN, pharmacodynamics/  
HUMAN/ \*MUCOPOLYSACCHARIDES,  
pharmacodynamics/ PRECIPITATION/  
PROTAMINES, pharmacodynamics/ \*TISSUE  
EXTRACTS, pharmacodynamics
3720. Lipiński B: Rola krzepnięcia krwi i fibrynolizy w patogenezie miażdżycy. Kardiologia 13:81-8, 1970 (Pol)  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, etiology/ BLOOD  
COAGULATION/ BLOOD PLATELETS, drug  
effects/ BLOOD VESSELS, analysis/  
EPINEPHRINE, pharmacodynamics/  
FIBRINOLYSIS/ HUMAN/  
MUCOPOLYSACCHARIDES, analysis
3721. Lipiński B, Cybulska J, Worowski K, et al: Blood clotting and fibrinolysis in experimental staphylococcal infection. Path Microbiol (Basel) 34:295-304, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS/ ENZYME  
ACTIVATION/ FEMALE/ FIBRIN, analysis/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
LEUKOCYTE COUNT/ MALE/  
\*PLASMINOGEN/ RABBITS/ SERUM  
GLOBULINS, analysis/ \*STAPHYLOCOCCAL  
INFECTIONS, blood/ STAPHYLOCOCCAL  
INFECTIONS, physiopathology
3722. Lipiński B, Jeljaszewicz J: Uogólniona reakcja Shwartzmana. Postepy Hig Med Dosw 23:435-49, Jul-Aug 69 (59 ref.) (Pol)  
BLOOD PLATELET DISORDERS/ BLOOD  
PLATELETS, drug effects/ \*ENDOTOXINS,  
pharmacodynamics/ ENGLISH ABSTRACT/  
FIBRIN, analysis/ \*FIBRINOGEN, antagonists  
& inhibitors/ FIBRINOLYSIS/ HUMAN/  
KIDNEY TUBULES, drug effects/  
PLASMINOGEN, antagonists & inhibitors/  
RETICULOENDOTHELIAL SYSTEM, drug  
effects/ REVIEW/ \*SHWARTZMAN  
PHENOMENON/ THROMBIN,  
pharmacodynamics
3723. Lipnitskii IF: Novye sredstva dlia khraneniia i transportirovki konservirovannoi krvi pri nizkikh i vysokikh temperaturakh, a takzhe zashchity krvi ot radioaktivnogo izlucheniia. Probl Gemat 15:55-6, Mar 70 (Rus)  
\*BLOOD PRESERVATION/ BLOOD  
PRESERVATION, instrumentation/ HUMAN/  
METHODS/ \*RADIATION PROTECTION
3724. Lis H, Sharon N, Katchalski E: Identification of the carbohydrate-protein linking group in soybean hemagglutinin. Biochim Biophys Acta 192:364-6, 18 Nov 69  
ASPARTIC ACID, analysis/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ \*GLYCOPROTEINS,  
analysis/ GLYCOPROTEINS, isolation &  
purification/ HEXOSAMINES, analysis/  
METHODS/ PEPTIDE HYDROLASES/  
\*PEPTIDES, analysis/ PEPTIDES, isolation &  
purification/ \*PLANT AGGLUTININS, analysis/  
\*SOY BEANS, analysis/ SULFONIC ACIDS
3725. Lisander B: Autonoma reflexer simulerande lungemboli hos tetraplegiker. Lakartidningen 67:340-2, 21 Jan 70 (Swe)  
ADULT/ BLOOD PRESSURE/ DYSPNEA/  
HEART RATE/ HEPARIN, pharmacodynamics/  
HUMAN/ ISOPROTERENOL,  
pharmacodynamics/ KIDNEY DISEASES,  
surgery/ MALE/ \*PULMONARY EMBOLISM,  
diagnosis/ \*QUADRIPLEGIA, complications/  
REFLEX/ TACHYCARDIA/ VASOMOTOR  
SYSTEM, physiology
3726. Lisiewicz J, Ekiert M: Choroba zakrzepowa a palenie



## AUTHOR SECTION

- tytoniu. Wlad Lek 22:1971-4, Nov 69 (Pol)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
PLATELET DISORDERS, etiology/  
\*CORONARY DISEASE, etiology/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/ RABBITS/  
\*SMOKING, complications/ \*THROMBOSIS,  
etiology
3727. Lisiewicz J, Okulski J: Tromboplastyczna aktywność  
eozynofili białaczkowych.  
Pol Arch Med Wewn 44:127-33, Feb 70 (Pol)  
ENGLISH ABSTRACT/ \*EOSINOPHILS/  
HUMAN/ \*LEUKEMIA, blood/  
\*THROMBELASTOGRAPHY
3728. Lisowska E: The degradation of M and N blood group  
glycoproteins and glycopeptides with alkaline  
borohydride. Europ J Biochem 10:574-9, Oct 69  
ABO FACTORS/ ANTIGEN-ANTIBODY  
REACTIONS/ ANTIGENS/ \*BLOOD GROUPS/  
\*BORON COMPOUNDS/ CARBOHYDRATES,  
analysis/ CHEMISTRY/ CHROMATOGRAPHY,  
PAPER/ COLORIMETRY/ GALACTOSE/ GEL  
FILTRATION/ \*GLYCOPROTEINS/  
GLYCOPROTEINS, analysis/  
HEMAGGLUTINATION INHIBITION TESTS/  
HEMAGGLUTININS, VIRAL/ HEXOSAMINES,  
analysis/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/  
METHODS/ NEURAMINIC ACIDS, analysis/  
OLIGOSACCHARIDES, analysis/ PEPTIDE  
HYDROLASES/ \*PEPTIDES/ PEPTIDES,  
analysis/ PLANT AGGLUTININS/ RABBITS
3729. Lister GD: Is there a place for proteinase inhibition? A  
review of the literature.  
Postgrad Med J 45:571-3, Aug 69 (42 ref.)  
AMINOCAPROIC ACID, therapeutic use/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ FIBRINOLYSIS/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*PEPTIDE HYDROLASES,  
antagonists & inhibitors/ REVIEW/ \*SHOCK,  
drug therapy/ SHOCK, enzymology/ SHOCK,  
mortality
3730. Litchfield CD, Prescott JM: Extracellular cationic  
proteases of *Bacillus licheniformis*.  
J Gen Microbiol 59:8, Dec 69  
\*BACILLUS, enzymology/  
CHROMATOGRAPHY/ \*PEPTIDE  
HYDROLASES, analysis/ PEPTIDES, analysis
3731. Litchfield CD, Prescott JM: Regulation of proteolytic  
enzyme production by *Aeromonas proteolytica*. I.  
Extracellular endopeptidase.  
Canad J Microbiol 16:17-22, Jan 70  
ACETATES, pharmacodynamics/ \*AEROMONAS,  
enzymology/ AEROMONAS, growth &  
development/ AEROMONAS, metabolism/  
AMINO ACIDS, pharmacodynamics/  
ASPARAGINE, pharmacodynamics/ CASEIN,  
pharmacodynamics/ CULTURE MEDIA/  
GLUCOSE, pharmacodynamics/ GLYCERIN,  
pharmacodynamics/ \*PEPTIDE HYDROLASES,  
biosynthesis/ SUCROSE, pharmacodynamics
3732. Litovchenko IuS, Leites FL, Lempert BL: Vliyanie  
myshechnoi nagruзки na lipoliticheskuu aktivnost'  
syvorotki k krvi i serdechnoi myshtsy u krysa v norme  
i pri alloxanovom diabete.  
Pat Fiziol Eksp Ter 14:37-42, May-Jun 70 (Rus)  
\*ALLOXAN DIABETES, blood/ ALLOXAN  
DIABETES, enzymology/ ANIMAL  
EXPERIMENTS/ ENGLISH ABSTRACT/  
\*EXERTION/ HISTOCYTOCHEMISTRY/  
\*LIPOPROTEIN LIPASE, blood/ METHODS/  
MYOCARDIUM, analysis/ \*MYOCARDIUM,  
enzymology/ RATS
3733. Littauer UZ, Yankofsky SA, Novogrodsky A, et al:  
Synthesis of peptidyl aminoacyl transfer RNA: a  
chemical method for the purification of transfer  
RNA's. Biochim Biophys Acta 195:29-49, 19 Nov 69  
AMINO ACIDS/ AMINO ACIDS, analysis/  
ANHYDRIDES/ ASPARTIC ACID/ CARBON  
ISOTOPES/ CHEMISTRY/ CULTURE MEDIA/  
DNA, analysis/ ELECTROPHORESIS/  
\*ESCHERICHIA COLI, analysis/ ESCHERICHIA  
COLI, enzymology/ HYDROGEN-ION  
CONCENTRATION/ LEUCINE/ LIGASES/  
METHIONINE/ METHODS/ PEPTIDE  
HYDROLASES/ PEPTIDES/  
PHENYLALANINE/ PRECIPITATION/ RNA,  
BACTERIAL, analysis/ \*RNA, BACTERIAL,  
isolation & purification/ RNA, SOLUBLE,  
analysis/ \*RNA, SOLUBLE, isolation &  
purification/ SOLUBILITY/ TRITIUM/  
VALINE
3734. Little JM: Interior vena caval interruption for  
pulmonary embolism. Ann Surg 171:250-6, Feb 70  
AGE FACTORS/ ANTICOAGULANTS,  
therapeutic use/ EDEMA, etiology/  
FOLLOW-UP STUDIES/ HUMAN/ LEG/  
METHODS/ MIDDLE AGE/ POSTOPERATIVE  
CARE/ POSTOPERATIVE COMPLICATIONS/  
PREOPERATIVE CARE/ PULMONARY  
EMBOLISM, classification/ PULMONARY  
EMBOLISM, complications/ PULMONARY  
EMBOLISM, etiology/ \*PULMONARY  
EMBOLISM, surgery/ RADIOISOTOPE  
SCANNING/ \*VENA CAVA, INFERIOR,  
surgery
3735. Little JM, Bailey I, Kronenberg H, et al: Circulating  
heparin-like substance following liver injury.  
Lancet 1:1055-6, 16 May 70  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, complications/ FEMALE/  
\*HEPARIN, blood/ HUMAN/ \*LIVER, injuries/  
LIVER, metabolism/ SHOCK, complications
3736. Little JR, Border W, Freidin R: The binding reactions of  
antibodies specific for the 2,6-dinitrophenyl group.  
J Immun 103:809-17, Oct 69  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*ANTIBODIES,  
isolation & purification/ ANTIGENS/ BINDING  
SITES/ \*DINITROPHENOLS/ FLUORESCENT  
ANTIBODY TECHNIC/ GEL DIFFUSION  
TESTS/ GUINEA PIGS/ HAPTENS, analysis/  
PRECIPITATION/ RABBITS/ SPECTRUM  
ANALYSIS/ TRYPTOPHAN, pharmacodynamics
3737. Litton A: Haemovascular changes in septic shock.  
Postgrad Med J 45:551-4, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD VOLUME/  
HAMSTERS/ HUMAN/ LACTATES, blood/  
LEUKOCYTOSIS, etiology/ \*SEPTICEMIA,  
complications/ \*SHOCK, TOXIC, blood/  
SHOCK, TOXIC, etiology/ THROMBOPENIA,  
etiology
3738. Litvakovskaja GA: Röntgendiagnostik juveniler  
Angiofibrome des Epipharynx.  
Radiol Diagn (Berlin) 10:187-98, 1969 (Ger)  
ADOLESCENCE/ ADULT/ \*ANGIOMA,  
SCLEROSING, radiography/ ANGIOMA,  
SCLEROSING, surgery/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ HUMAN/ MALE/ MIDDLE  
AGE/ \*NASOPHARYNGEAL NEOPLASMS,  
radiography/ NASOPHARYNGEAL  
NEOPLASMS, surgery
3739. Litwin M, Rakowska D: Oibrzymi naczynek odbytnicy.  
Pol Przegl Chir 41:1760-2, Dec 69 (Pol)  
ADOLESCENCE/ ENGLISH ABSTRACT/  
\*HEMANGIOMA, CAVERNOUS, surgery/  
HUMAN/ MALE/ \*RECTAL NEOPLASMS,  
surgery/ SIGMOID NEOPLASMS, surgery
3740. Litwin MS, Chapman K, Stoilar JB: Blood viscosity in  
the normal man. Surgery 67:342-5, Feb 70  
BLOOD PROTEINS, analysis/ BLOOD  
SEDIMENTATION/ \*BLOOD VISCOSITY/  
ERYTHROCYTE COUNT/ ERYTHROCYTES/  
FEMALE/ HEMATOCRIT/ HUMAN/ MALE/  
SEX FACTORS
3741. Litwin MS, Chapman K: Physical factors affecting  
human blood viscosity. J Surg Res 10:433-6, Sep 70  
ADULT/ \*BLOOD VISCOSITY/  
HEMATOCRIT/ HUMAN/ \*TEMPERATURE/  
TIME FACTORS
3742. Liu TY, Nomura N, Jonsson EK, et al: Streptococcal  
proteinase-catalyzed hydrolysis of some ester and  
amide substrates. J Biol Chem 244:5745-56, 25 Oct 69



# AUTHOR SECTION

- AMIDES/ CHEMISTRY/ DIPEPTIDES/  
ENZYME PRECURSORS/ ESTERASES/  
ESTERS/ HYDROGEN-ION CONCENTRATION/  
KINETICS/ METHODS/ NITRILES/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES, chem  
synthesis/ SPECTROPHOTOMETRY/  
\*STREPTOCOCCUS, enzymology/ TRYPSIN
3743. Liubimova LS, Turbina NS, Razanova NS, et al: O sochetanii tuberkuleza s gipo- i aplasticheskim anemilami. Probl Gemat 13:57-60, Oct 68 (Rus)  
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ \*ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, drug therapy/ BONE MARROW CELLS, transplantation/ FEMALE/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ SPLEEN, pathology/ SPLENECTOMY/ \*TUBERCULOSIS, SPLENIC, etiology
3744. Liusov VA, Belousov IuB, Maiorov IuM, et al: Primenenie streptazy u bol'nykh infarktom miokarda. Kardiologiya 9:88-95, Jul 69 (Rus)  
ACID-BASE EQUILIBRIUM, drug effects/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ ELECTROCARDIOGRAPHY/ FIBRINOLYSIS, drug effects/ HUMAN/ MYOCARDIAL INFARCT, diagnosis/ \*MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, adverse effects/ STREPTOKINASE, pharmacodynamics/ \*STREPTOKINASE, therapeutic use/ THROMBELASTOGRAPHY
3745. Lizuka J: Rückfälle bei Lindautumoren. Beobachtungen an 57 Fällen von Hämangioblastom des Kleinhirns. Acta Neurochir (Wien) 20:281-98, 1969 (Ger)  
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, complications/ \*ANGIOSARCOMA, diagnosis/ BRACHIAL ARTERY, radiography/ \*CEREBELLAR NEOPLASMS, diagnosis/ ENGLISH ABSTRACT/ EYE NEOPLASMS, complications/ FEMALE/ HUMAN/ KIDNEY, CYSTIC, complications/ KIDNEY NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL, complications/ \*NEOPLASM RECURRENCE, LOCAL, diagnosis/ NEOPLASM RECURRENCE, LOCAL, familial & genetic/ NEOPLASM RECURRENCE, LOCAL, occurrence/ NEOPLASMS, MULTIPLE PRIMARY, occurrence/ POLYCYTHEMIA, complications/ PREGNANCY COMPLICATIONS/ RETINAL VESSELS/ TIME FACTORS/ VENTRICULOGRAPHY/ VERTEBRAL ARTERY, radiography
3746. Ljungqvist U, Appelgren L, Bergentz SE, et al: Fibrinogenomsättningen vid operativt trauma hos friska och hos uremiker. Nord Med 84:964-5, 23 Jul 70 (Swe)  
\*FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ IODINE ISOTOPES/ \*KIDNEY, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ \*UREMIA, metabolism/ \*WOUNDS AND INJURIES, metabolism
3747. Ljungqvist U, Bergentz SE, Leandroer L, et al: Coagulation and fibrinolysis after renal transplantation. Scand J Urol Nephrol 3:23-9, 1969  
ADHESIVENESS/ ADOLESCENCE/ ADULT/ AZATHIOPRINE, therapeutic use/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ CREATININE, blood/ DEXTRAN, therapeutic use/ FEMALE/ FIBRINOGEN, metabolism/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, metabolism/ HEMATOCRIT/ HUMAN/ HYDROCORTISONE, therapeutic use/ \*KIDNEY, transplantation/ MACROGLOBULINS, metabolism/ MALE/ MIDDLE AGE/ PLASMINOGEN, metabolism/ TRANSPLANTATION, HOMOLOGOUS
3748. Liombart A Jr, Fernandez AL, Peydro A: Glomangiome neuro-péricytaire de localisation coccygienne. Ann Anat Path (Paris) 14:327-34, Jul-Sep 69 (Fre)  
AGED/ CAPILLARIES, pathology/ \*COCCYX/ ENGLISH ABSTRACT/ \*GLOMANGIOMA, pathology/ HEMANGIOMA, pathology/ HUMAN/ HYALIN SUBSTANCE, analysis/ LEIOMYOMA, pathology/ MALE/ MYELIN SHEATH, analysis/ NEUROMA, pathology
3749. Lo SS, Frick PG, Straub PW, et al: Klinische Erfahrungen mit Antikoagulantientherapie bei Kindern mit Verbrauchskoagulopathien. Bibl Haemat 32:298-304, 1969 (Ger)  
ADOLESCENCE/ AFIBRINOGENEMIA, drug therapy/ \*ANTICOAGULANTS, therapeutic use/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ EXCHANGE TRANSFUSION/ FEMALE/ FIBRINOGEN, therapeutic use/ HEMOGLOBINOMETRY/ HEMOLYSIS/ HEPARIN, administration & dosage/ HUMAN/ INFANT/ INFUSIONS, PARENTERAL/ MALE/ MENINGOCOCCAL INFECTIONS, drug therapy/ PURPURA, drug therapy/ RETICULOCYTES/ SEPTICEMIA, drug therapy/ THROMBOPENIA, complications/ UREMIA, complications/ UREMIA, drug therapy/ WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy
3750. Lobato O, Bischoff L, Costa Júnior DM: Síndrome hemolítico-urémico. Estudo clínico de seis casos. Rev Ass Med Brasil 15:403-10, Oct 69 (Por)  
\*ANEMIA, HEMOLYTIC, therapy/ CHILD, PRESCHOOL/ DEXTRAN, therapeutic use/ FEMALE/ HUMAN/ INFANT/ MALE/ PERITONEAL DIALYSIS/ PREDNISONE, therapeutic use/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ \*UREMIA, complications/ UREMIA, therapy
3751. Locardi G: La medicazione antibiotico-enzimatico-balsamica per via orale nelle affezioni settico-infiammatorie di pertinenza ginecologica e ostetrica. Minerva Med 61:961-5, 10 Mar 70 (Ita)  
\*ABORTION, SEPTIC, drug therapy/ ADULT/ AGED/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ \*BALSAMS, therapeutic use/ \*CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ \*FEVER, drug therapy/ \*GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ MIDDLE AGE/ \*PUERPERAL INFECTION, drug therapy/ \*TETRACYCLINE, therapeutic use/ \*TRYPSIN, therapeutic use
3752. Lodi WR: Studies on pancreatic trypsin from Crotalus durissus terrificus-comparison with proteases of venoms. Toxicon 7:267-72, Dec 69  
AMINO ACIDS, pharmacodynamics/ ANILIDES, metabolism/ ANIMAL EXPERIMENTS/ ARGinine, metabolism/ CALCIUM, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ \*PANCREAS, enzymology/ PEPTIDE HYDROLASES, analysis/ \*SNAKES/ \*TRYPSIN, analysis/ TRYPSIN, antagonists & inhibitors/ \*VENOMS, analysis
3753. Lodish HF, Robertson HD: Cell-free synthesis of bacteriophage f2 maturation protein. J Molec Biol 45:9-22, 14 Oct 69  
CELL-FREE SYSTEM/ \*COLIPHAGES, metabolism/ ELECTROPHORESIS/ \*ESCHERICHIA COLI, metabolism/ GENETICS/ MICROBIAL/ PEPTIDES, analysis/ RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ SULFUR ISOTOPES/ TRYPSIN/ \*VIRAL PROTEINS, biosynthesis
3754. Loeffler LJ, Britcher SF, Baumgarten W: Bridge bicyclic and polycyclic amino acids. Potent inhibitors of the fibrinolytic process. J Med Chem 13:926-35, Sep 70  
AMINO ACIDS, chem synthesis/ \*AMINO ACIDS, pharmacodynamics/ ANTIFIBRINOLYTIC AGENTS, chem synthesis/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BRIDGED



# AUTHOR SECTION

- COMPOUNDS, chem synthesis/ \*BRIDGED  
COMPOUNDS, pharmacodynamics/  
CHEMISTRY/ FIBRINOLYSIS, drug effects/  
HUMAN
3755. Loeliger EA: Het dilemma van de behandeling met anticoagulantia bij coronaire hartziekten. Nederl T Geneesk 114:1223, 18 Jul 70 (Dut)  
\*ANTICOAGULANTS, administration & dosage/  
\*CORONARY DISEASE, drug therapy/  
HUMAN/ THROMBOPLASTIN, blood
3756. Loeliger EA: Laboratoriumskontrolle der oralen Antikoagulation. Erfahrungen aus Holland. Schweiz Med Wschr 99:1257-9, 30 Aug 69 (16 ref.) (Ger)  
ACENOCOUMAROL, pharmacodynamics/  
\*ACENOCOUMAROL, therapeutic use/ BLOOD COAGULATION DISORDERS, diagnosis/  
\*BLOOD COAGULATION DISORDERS, drug therapy/ \*BLOOD COAGULATION TESTS/ HUMAN/ METHODS/ PROTHROMBIN TIME/ REVIEW
3757. Loeliger EA: Le dilemme du traitement anticoagulant dans les affections cardiaques coronaires. Ther Umsch 27:157-61, Mar 70 (30 ref.) (Fre)  
\*ANTICOAGULANTS, administration & dosage/ CHRONIC DISEASE/ ENDOCARDIUM, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, mortality/ \*MYOCARDIAL INFARCT, prevention & control/ PLACEBOS/ PROGNOSIS/ REVIEW/ THROMBOEMBOLISM, physiopathology/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ VEINS, physiopathology
3758. Loeliger EA: Het dilemma van de behandeling met anticoagulantia bij coronaire hartziekten. Nederl T Geneesk 114:810-3, 9 May 70 (Dut)  
\*ANTICOAGULANTS, therapeutic use/  
\*CORONARY DISEASE, drug therapy/  
CORONARY DISEASE, mortality/ FOLLOW-UP STUDIES/ HUMAN/ \*MYOCARDIAL INFARCT, prevention & control/ NETHERLANDS/ TIME FACTORS
3759. Loeliger EA: Long-term anticoagulant treatment after myocardial infarction. Brit Med J 1:300, 2 May 70  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*MYOCARDIAL INFARCT, drug therapy/ NETHERLANDS/ PREVENTIVE HEALTH SERVICES
3760. Loeliger EA, Hemker HC: Control of long-term anticoagulant treatment. Lancet 1:894, 25 Apr 70  
\*ANTICOAGULANTS, administration & dosage/ HUMAN/ \*MYOCARDIAL INFARCT, drug therapy
3761. Loeliger EA, Meuwisse-Braun JB, Muis H, et al: Laboratory control of oral anticoagulants. Definition of therapeutic range in terms of different thromboplastin preparations. Thromb Diath Haemorrh 23:569-84, 30 Jun 70  
ADMINISTRATION, ORAL/ ADULT/  
\*ANTICOAGULANTS, therapeutic use/  
\*BLOOD COAGULATION TESTS, standards/ BRAIN, analysis/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ HUMAN/ MALE/ PROTHROMBIN TIME/ \*THROMBOPLASTIN/ THROMBOSIS, prevention & control
3762. Loeper J, Rouffy J, Loeper J: Hyperlipoprotéïnémies athérogènes. Intérêt de l'identification chez l'enfant. Presse Med 78:1219-22, 30 May 70 (Fre)  
ADOLESCENCE/ ADULT/ AGED/ AORTA, pathology/ ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, prevention & control/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ CHILD, PRESCHOOL/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ \*HYPERCHOLESTEREMIA, diagnosis/ HYPERCHOLESTEREMIA, therapy/ \*HYPERLIPEMIA, diagnosis/ \*HYPERLIPEMIA, ESSENTIAL FAMILIAL, diagnosis/
- HYPERLIPEMIA, ESSENTIAL FAMILIAL, therapy/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ XANTHOMATOSIS, etiology
3763. Loeven WA: Susceptibility of various kinds of elastin to elastolytic enzymes, trypsin and chymotrypsin. Clin Chim Acta 27:521-33, Mar 70  
ANIMAL EXPERIMENTS/ CATTLE/  
\*CHYMOTRYPSIN/ CONGO RED/ DYES/  
\*ELASTIN/ FEMALE/ HYDROGEN-ION CONCENTRATION/ HYPOPHYSECTOMY/ NAPHTHALENES/ \*PANCREATOPEPTIDASE/ PITUITARY GLAND, physiology/ PROTEIN BINDING/ RATS/ STAINS AND STAINING/ SULFONIC ACIDS/ \*TRYPSIN
3764. Loewer-Sieger DH, Oosterhuis JA: Melanoma choroidae of haemangioma choroidae? Nederl T Geneesk 114:493-4, 14 Mar 70 (Dut)  
\*CHOROID NEOPLASMS, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ \*HEMANGIOMA, diagnosis/ \*MELANOMA, diagnosis
3765. Lofland HB, Clarkson TB: The bi-directional transfer of cholesterol in normal aorta, fatty streaks, and atheromatous plaques. Proc Soc Exp Biol Med 133:1-8, Jan 70  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
\*ARTERIOSCLEROSIS, metabolism/  
\*ARTERIOSCLEROSIS, pathology/  
CHOLESTEROL, blood/ \*CHOLESTEROL, blood/ FATTY STREAK, ARTERIAL, pathology/ PIGEONS/ TIME/ TRITIUM
3766. Lofland HB Jr, Clarkson TB, Bullock BC: Whole body sterol metabolism in squirrel monkeys (Saimiri sciureus). Exp Molec Path 13:1-11, Aug 70  
ANIMAL EXPERIMENTS/ BODY COMPOSITION/ BODY WEIGHT/ CARBON ISOTOPES/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ DIETARY FATS/ FEMALE/ MALE/ MONKEYS/ \*STEROLS, metabolism/ TRITIUM
3767. Loginova LG, Negru-Voda VV: Termofil'nyi Micromonospora sp. shtamn 42, obrazulushchii aktivnulu proteazu. Mikrobiologiya 38:36-40, Jan-Feb 69 (Rus)  
CULTURE MEDIA/ ENGLISH ABSTRACT/  
HEAT/ \*MICROMONOSPORA, enzymology/  
\*PEPTIDE HYDROLASES, biosynthesis/  
TEMPERATURE
3768. Logoïda DM: K patogenezu gipofibrinogenemii pri ostrom leikoze. Probl Gemat 15:49-51, 1970 (Rus)  
ACUTE DISEASE/ \*AFIBRINOGENEMIA, etiology/ HUMAN/ \*LEUKEMIA, complications
3769. Logue GL, Gutterman JU, McGinn TG, et al: Melphalan therapy of polycythemia vera. Blood 36:70-86, Jul 70  
AGED/ ANEMIA, SIDEROBLASTIC, etiology/  
BLOOD PLATELETS/ FEMALE/  
HEMOGLOBINOMETRY/ HUMAN/  
LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ MALE/ MELPHALAN, adverse effects/ \*MELPHALAN, therapeutic use/ MYELOFIBROSIS, etiology/  
\*POLYCYTHEMIA VERA, drug therapy
3770. Lohse K, Weller P: Die thrombolytische Behandlung akuter Gefässverschlüsse in der Ophthalmologie. Klin Mbl Augenheilk 154:167-74, Feb 69 (Ger)  
ACUTE DISEASE/ AGED/ ARTERIES/  
ARTERIOSCLEROSIS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ \*RETINAL VESSELS/  
\*STREPTOKINASE, therapeutic use/  
\*THROMBOSIS, drug therapy/ TIME FACTORS/ VEINS
3771. Lotre R, Feroldi J: L'hématome spontané des capsules surrénales de l'adulte. Ann Anat Path (Paris) 14:441-8, Oct-Dec 69 (Fre)  
\*ADRENAL GLAND DISEASES/ ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND DISEASES, etiology/ ADRENAL GLAND DISEASES, pathology/ ADRENAL GLAND DISEASES, physiopathology/  
ADRENAL GLANDS, blood supply/ AGED/



# AUTHOR SECTION

- ANTICOAGULANTS, adverse effects/  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMATOMA/ HUMAN/ MALE/ MIDDLE  
AGE/ THROMBOSIS, complications/ VEINS,  
pathology
3772. Loken SC, Fain JN: Failure of "bound insulin" to affect  
glucose metabolism of brown fat cells.  
Endocrinology 86:432-4, Feb 70  
\*ADIPOSE TISSUE, metabolism/ ANIMAL  
EXPERIMENTS/ BROWN FAT, drug effects/  
BROWN FAT, metabolism/ CARBON DIOXIDE,  
metabolism/ CARBON ISOTOPES/  
CLOSTRIDIOPEPTIDASE A/ CYSTEINE,  
pharmacodynamics/ FEMALE/ \*GLUCOSE,  
metabolism/ IN VITRO/ INSULIN, blood/  
\*INSULIN, pharmacodynamics/ RATS/  
TRIGLYCERIDES/ TRYPSIN
3773. Lomazova KhD: Feflektornaia afibrinogenemija.  
Bull Eksp Biol Med 69:16-9, Jan 70 (Rus)  
\*AFIBRINOGENEMIA, etiology/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION  
TESTS/ \*CAROTID SINUS, physiology/  
ENGLISH ABSTRACT/ \*HEPARIN,  
pharmacodynamics/ PERFUSION/ RABBITS
3774. Lombardi G, Passerini A: Ophthalmic artery in axial  
view. Acta Radiol [Diagn] (Stockholm) 9:379-82, 1969  
\*BRAIN NEOPLASMS, radiography/  
\*CEREBRAL ANEURYSM, radiography/  
COLLATERAL CIRCULATION/  
\*HEMANGIOMA, radiography/ HUMAN/  
\*MENINGIOMA, radiography/ METHODS/  
\*OPHTHALMIC ARTERY, radiography/  
\*ORBITAL NEOPLASMS, radiography
3775. Lombardino JG, Wiseman EH: Preparation and  
antiinflammatory activity of some  
2-arylbenzo[b]thiophen-3 (2h)-one 1,1-dioxides.  
J Med Chem 13:206-10, Mar 70  
ADRENAL GLANDS, physiology/  
ADRENALECTOMY/ ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, chem synthesis/  
\*ANTICOAGULANTS, therapeutic use/  
\*ANTI-INFLAMMATORY AGENTS, chem  
synthesis/ CARRAGEENAN/ EDEMA,  
chemically induced/ EDEMA, drug therapy/  
HINDLIMB/ \*KETONES, chem synthesis/  
KETONES, therapeutic use/  
PHENYLBUTAZONE, therapeutic use/  
PROTHROMBIN, biosynthesis/ PROTHROMBIN  
TIME/ RATS/ \*THIOPHENES, chem synthesis/  
THIOPHENES, therapeutic use
3776. Lomniczi B: Systemic induction of interferon in chicks  
with various NDV strains. II. Nature of the interferon  
inducing agent. Arch Ges Virusforsch 30:167-72, 1970  
ANIMAL EXPERIMENTS/ CHICKENS/ HEAT/  
HEMAGGLUTINATION TESTS/  
HYDROXYLAMINES, pharmacodynamics/  
IMMUNE SERUMS, pharmacodynamics/  
\*INTERFERON, biosynthesis/ LACTONES,  
pharmacodynamics/ NEWCASTLE DISEASE,  
metabolism/ \*NEWCASTLE DISEASE VIRUS/  
NEWCASTLE DISEASE VIRUS, drug effects/  
NEWCASTLE DISEASE VIRUS, pathogenicity/  
NEWCASTLE DISEASE VIRUS, radiation  
effects/ RADIATION EFFECTS/ TRYPSIN,  
pharmacodynamics/ ULTRAVIOLET RAYS
3777. Long ME, Sommers SC: Staging, grading and  
histochemistry of ovarian epithelial tumors.  
Clin Obstet Gynec 12:937-54, Dec 69  
ADENOCARCINOMA, pathology/  
CYSTADENOCARCINOMA, pathology/  
CYSTADENOMA, pathology/ CYSTADENOMA,  
MUCINOUS, pathology/ ENDOMETRIOSIS,  
pathology/ FEMALE/ HISTOCYTOCHEMISTRY/  
HUMAN/ MUCIN, analysis/ \*NEOPLASMS,  
GLANDULAR EPITHELIAL, pathology/  
OVARIAN NEOPLASMS, classification/  
OVARIAN NEOPLASMS, metabolism/  
\*OVARIAN NEOPLASMS, pathology/ PEPTIDE  
HYDROLASES, analysis/ PROGNOSIS/ RNA,  
analysis
3778. Loo J van de: Grundlagen der thrombolytischen  
Behandlung.  
Internist (Berlin) 10:16-21, Jan 69 (45 ref.) (Ger)
- BENZOATES, pharmacodynamics/ BLOOD  
PLATELETS, enzymology/ BODY FLUIDS,  
enzymology/ CATECHOLAMINES,  
pharmacodynamics/ ENZYME ACTIVATION,  
drug effects/ ENZYME PRECURSORS,  
metabolism/ ESTROGENS, pharmacodynamics/  
FATTY ACIDS, pharmacodynamics/  
FIBRINOLYSIS/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS, adverse effects/  
FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, pharmacodynamics/ HEPARINOID,  
pharmacodynamics/ HUMAN/ NICOTINIC  
ACID, pharmacodynamics/ PLASMINOGEN,  
metabolism/ PYROGENS, pharmacodynamics/  
REVIEW/ THROMBOEMBOLISM, drug therapy/  
TOLBUTAMIDE, pharmacodynamics/  
VASOPRESSIN, pharmacodynamics
3779. Looney T: Evidence for a specific aromatic binding site  
on alpha-chymotrypsin.  
W Virginia Med J 66:78 passim, Mar 70  
\*BINDING SITES/ \*CHYMOTRYPSIN
3780. Lopez FA: Renal pseudotumors.  
Amer J Roentgen 109:172-84, May 70  
ABSCISS, radiography/ ADULT/ AGED/  
ANGIOGRAPHY/ CALCINOSIS, complications/  
CHILD/ DIAGNOSIS, DIFFERENTIAL/  
FEMALE/ HEMATOMA, radiography/ HUMAN/  
HYDRONEPHROSIS, radiography/ KIDNEY,  
abnormalities/ \*KIDNEY DISEASES,  
radiography/ \*KIDNEY NEOPLASMS,  
radiography/ KIDNEY PELVIS, radiography/  
LIPOMATOSIS, radiography/ MALE/ MIDDLE  
AGE/ PYELONEPHRITIS, radiography/  
RENAL ARTERY OBSTRUCTION,  
complications/ TUBERCULOSIS, RENAL,  
radiography/ UROGRAPHY/  
XANTHOMATOSIS, radiography
3781. Lopez R, Lohby AL: Thrombocytopenic purpura a  
chickenpox. Clin Pediat (Phila) 9:100-4, Feb  
BLOOD CELLS/ BLOOD CHEMICAL  
ANALYSIS/ \*CHICKENPOX, complications/  
CHILD/ FEMALE/ HUMAN/ \*PURPURA,  
THROMBOPENIC, complications/ PURPURA,  
THROMBOPENIC, pathology
3782. López V, Pflugshaupt R, Wirthner H, et al: Hereditäre  
Faktor-V-Mangel (Parahämophilie) in einer  
Schweizer Familie.  
Schweiz Med Wochr 99:1354-6, 20 Sep 69 (G)  
ADULT/ AUTOSOME ABNORMALITIES,  
blood/ ENGLISH ABSTRACT/ FACTOR V,  
blood/ FACTOR V DEFICIENCY, familial &  
genetic/ FEMALE/ GENETICS, HUMAN/  
\*HEREDITARY DISEASES/ HUMAN/  
HYPOPROTHROMBINEMIAS, blood/  
\*HYPOPROTHROMBINEMIAS, familial &  
genetic/ HYPOPROTHROMBINEMIAS,  
occurrence/ SWITZERLAND
3783. López-Llera M: Factores hemodinámicos regional  
generales en la etiopatogénia del síndrome toxémico  
Ginec Obstet Mex 27:135-46, Feb 70  
BLOOD COAGULATION DISORDERS,  
complications/ BLOOD COAGULATION  
DISORDERS, physiopathology/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMODYNAMICS/  
HOMEOSTASIS/ HUMAN/ PREGNANCY/  
PREGNANCY TOXEMIAS, etiology/  
PREGNANCY TOXEMIAS, metabolism/  
\*PREGNANCY TOXEMIAS, physiopathology
3784. Lorand L, Chenoweth D, Domanik RA: Chain pat-  
tern of the crosslinking of fibrin.  
Biochem Biophys Res Commun 37:219-24, 8 O  
ANIMAL EXPERIMENTS/ CATTLE/  
CHEMISTRY/ ELECTROPHORESIS, DISK/  
\*FIBRIN/ HUMAN/ PEPTIDES/ SULFIDES
3785. Lorand L, Chenoweth D: Intramolecular localization  
of the acceptor cross-linking sites in fibrin.  
Proc Nat Acad Sci USA 63:1247-52, Aug  
ANIMAL EXPERIMENTS/ \*BINDING SITE/  
BROMIDES/ CARBON ISOTOPES/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CYANATES/ \*FIBRIN/ GLYCINE, metabo-  
lism/ MOLECULAR WEIGHT/ TIME



# AUTHOR SECTION

3786. Lorand L, Urayama T, Atencio AC, et al: Inheritance of deficiency of fibrin-stabilizing factor (factor 13). *Amer J Hum Genet* 22:89-95, Jan 70  
\*BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ CASEIN, metabolism/ CHROMOSOME ABNORMALITIES/ CONSANGUINITY/ \*FACTOR XIII/ FEMALE/ FIBRIN, metabolism/ FLUOROMETRY/ GENES, RECESSIVE/ HUMAN/ MALE/ PEDIGREE/ SEX CHROMOSOME ABNORMALITIES/ SEX FACTORS
3787. Lorber CG: Reparatur in der Therapie der posttraumatischen Entzündung des Kiefer-Gesichts-Bereichs. *Zahnärztl Welt* 78:973-6, 10 Nov 69 (Ger)  
ADOLESCENCE/ ADULT/ \*AESCULUS, therapeutic use/ AGED/ CHILD/ FEMALE/ HUMAN/ \*INFLAMMATION, drug therapy/ INFLAMMATION, etiology/ MALE/ \*MAXILLOFACIAL INJURIES, complications/ MIDDLE AGE
3788. Lorie IuI, Orlova LD, Frinovskaia IV: Nevropaticheski gemorragicheski diaez. *Ter Arkh* 41:28-33, Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ COLLAGEN DISEASES, complications/ EPISTAXIS, etiology/ FEMALE/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ PSYCHOPHYSIOLOGIC DISORDERS/ UTERINE HEMORRHAGE, etiology/ VASCULAR DISEASES, complications
3789. Loskutova EA, Nasledova ED, Nikolaev EI: O vliani ovariektomii, vvedeniia estrogenov i kormleniia kholesterinom na funktsiiu shchitovidnoi zheleza i EKG krolikov. *Biull Eksp Biol Med* 69:26-8, Feb 70 (Rus)  
ANIMAL EXPERIMENTS/ AORTIC DISEASES, etiology/ ARTERIOSCLEROSIS, etiology/ CASTRATION/ CHOLESTEROL/ \*DIET, ATHEROGENIC/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ \*ESTRADIOL, pharmacodynamics/ FEMALE/ HEART, drug effects/ \*HEART, physiology/ HYPERCHOLESTEREMIA, etiology/ IODINE, metabolism/ IODINE ISOTOPES/ \*OVARY, physiology/ RABBITS/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ \*THYROID GLAND, physiology
3790. Losowsky MS, Walls WD: Abnormal fibrin stabilization in renal failure. *Thromb Diath Haemorrh* 22:216-22, 15 Nov 69  
CHOLELITHIASIS, blood/ DIABETIC NEPHROPATHIES, blood/ \*FACTOR XIII, analysis/ \*FIBRIN, metabolism/ FIBRINOGEN, analysis/ GLOMERULONEPHRITIS, blood/ HEMODIALYSIS/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ \*KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, pathophysiology/ \*KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, pathophysiology/ NEPHROTIC SYNDROME, blood/ PYELONEPHRITIS, blood/ TUBERCULOSIS, RENAL, blood/ UREMIA, blood/ UREMIA, pathophysiology/ WOUND HEALING
3791. Lošický C: The interaction of protamine with human blood plasma proteins. *Experientia* 25:1034, 15 Oct 69  
BLOOD PROTEIN ELECTROPHORESIS/ CHEMISTRY/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEIN LIPASE/ \*LIPOPROTEINS, blood/ \*PROTAMINES
3792. Lotz H: Orale Therapie venöser Durchblutungsstörungen unter arbeitsmedizinischen Aspekten. *Z Allgemeinmed* 45:1174-80, 10 Sep 69 (Ger)  
ADULT/ \*AESCULUS, therapeutic use/ \*ALCOHOLS, therapeutic use/ CLINICAL RESEARCH/ FEMALE/ GERMANY, WEST/ HUMAN/ MALE/ MIDDLE AGE/ \*OCCUPATIONAL DISEASES, drug therapy/ \*PHLEBITIS, drug therapy/ \*THROMBOPHLEBITIS, drug therapy/ \*VARICOSE VEINS, drug therapy
3793. Loukopoulos D, Colombani J, Dausset J: Detection of histocompatibility antigens HL-A1, 2, 5, and 7 on leukocytes by a simplified complement-fixation method. *Transplantation* 8:383-91, Oct 69  
AMMONIUM COMPOUNDS/ BLOOD PLATELETS, immunology/ \*COMPLEMENT FIXATION TESTS/ FEMALE/ \*HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ INDICATORS AND REAGENTS/ \*ISOANTIGENS/ \*LEUKOCYTES, immunology/ METHODS/ OXALATES
3794. Love L: The view box. *Illinois Med J* 136:686 passim, Dec 69  
ADULT/ CASE REPORT/ FEMALE/ \*HEMANGIOMA, radiography/ HUMAN/ \*KIDNEY NEOPLASMS, radiography/ \*LIPOMA, radiography
3795. Lovotti A, Schiatti E: Patologia venosa in gravidanza. *Minerva Ginec* 21:13-22, 15 Jan 69 (Ita)  
BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ CAPILLARY FRAGILITY/ FEMALE/ HUMAN/ \*LEG, blood supply/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ \*VARICOSE VEINS, etiology/ VASCULAR RESISTANCE
3796. Lowe RF: Central corneal thickness. Ocular correlations in normal eyes and those with primary angle-closure glaucoma. *Brit J Ophthalmol* 53:824-6, Dec 69  
ADHESIONS/ AGE FACTORS/ ANTERIOR CHAMBER, pathology/ ANTHROPOMETRY/ CORNEA/ \*CORNEA, pathology/ EDEMA, pathology/ \*GLAUCOMA, pathology/ HUMAN/ IRIS
3797. Lowell FC: Antigenic dusts and respiratory disease. *New Eng J Med* 281:1012-3, 30 Oct 69  
ANTIGENS/ ASTHMA, etiology/ BACILLUS SUBTILIS, enzymology/ DETERGENTS/ DUST/ FARMER'S LUNG, etiology/ HAY FEVER, etiology/ LUNG, pathophysiology/ \*OCCUPATIONAL DISEASES, etiology/ PEPTIDE HYDROLASES/ RESPIRATORY HYPERSENSITIVITY, diagnosis/ \*RESPIRATORY HYPERSENSITIVITY, etiology/ RESPIRATORY HYPERSENSITIVITY, pathophysiology/ SKIN TESTS/ SPIROMETRY/ WOOD
3798. Lowenberg E, Ahued JR: Evaluación de la medicación tóxica fibrinolítica en la cervicitis erosiva. *Ginec Obstet Mex* 26:235-40, Aug 69 (Spa)  
ADULT/ \*CERVIX EROSION, drug therapy/ \*DEOXYRIBONUCLEASE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS, administration & dosage/ HUMAN/ MIDDLE AGE/ \*OINTMENTS, administration & dosage
3799. Lowenbraun S, Ramsey H, Sutherland J, et al: Diagnostic laparotomy and splenectomy for staging Hodgkin's disease. *Ann Intern Med* 72:655-63, May 70  
ADOLESCENCE/ ADULT/ AGED/ ANTINEOPLASTIC AGENTS, therapeutic use/ BIOPSY/ BLOOD CELL COUNT/ BLOOD PLATELETS, analysis/ BLOOD UREA NITROGEN/ BONE MARROW, drug effects/ BONE MARROW EXAMINATION/ CHILD/ FEMALE/ \*HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ \*LAPAROTOMY/ \*LIVER DISEASES, diagnosis/ LIVER FUNCTION TESTS/ LYMPH NODES, pathology/ LYMPHOGRAPHY/ MALE/ MIDDLE AGE/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PREDNISONE, therapeutic use/ \*RETROPERITONEAL NEOPLASMS, diagnosis/ RETROPERITONEAL SPACE, pathology/ \*SPLENECTOMY/ \*SPLENIC NEOPLASMS, diagnosis/ VINCRISTINE, therapeutic use
3800. Loyke HF: Converting enzyme in rat serum. *Proc Soc Exp Biol Med* 134:248-51, May 70  
\*ANGIOTENSIN/ ANGIOTENSINASE/ ANIMAL



## AUTHOR SECTION

- EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARBON TETRACHLORIDE POISONING, pathology/ FATTY LIVER/ HYPERTENSION, RENAL, blood/ LIVER, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES, blood/ PYELONEPHRITIS/ RATS
3801. Lozovoi VP, Petrova EM, Kaznacheev VP: Opređenje aktivnosti revmatizma i infektartrita putem issledovanija geparinosazhdaemoi fraktsii plazmy krovi. Vop Revm 9:22-3, Oct-Dec 69 (Rus)  
\*ARTHRITIS, INFECTIOUS, diagnosis/  
\*BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ \*HEPARIN/ HUMAN/ METHODS/  
\*RHEUMATISM, diagnosis
3802. Lübcke P: Blutgerinnungshemmende Behandlung bei Herzleiden. Agnes Karll Schwest 24:94-6, Mar 70 (Ger)  
ANTICOAGULANTS, therapeutic use/  
CORONARY DISEASE, drug therapy/  
EMBOLISM, drug therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ SPECIAL LIST  
NURSING/ THROMBOSIS, drug therapy
3803. Lucas CE, Walt AJ: Critical decisions in liver trauma. Experience based on 604 cases.  
Arch Surg (Chicago) 101:277-83, Aug 70  
BILIARY TRACT, surgery/ BLAST INJURY, complications/ BLAST INJURY, surgery/  
BLOOD COAGULATION DISORDERS, prevention & control/ COLON, injuries/  
DRAINAGE/ HEMORRHAGE, etiology/  
HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ \*LIVER, injuries/ LIVER, surgery/ POSTOPERATIVE COMPLICATIONS/  
PROSPECTIVE STUDIES/ RETROSPECTIVE STUDIES/ STATISTICS/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, mortality/ WOUNDS AND INJURIES, surgery/ WOUNDS, GUNSHOT, surgery
3804. Lucas CT, Call FL 2d, Williams WJ: The biosynthesis of phosphatidylinositol in human platelets.  
J Clin Invest 49:1949-55, Oct 70  
BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ BUFFERS/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MANGANESE/ \*PHOSPHOLIPIDS, biosynthesis/ TEMPERATURE/ TIME FACTORS/ TRANSFERASES
3805. Lucas DR, Peakman EM, Smith C: The effect of insulin, steroid and other hormones on the survival of the rat salivary glands in organ culture.  
Exp Cell Res 60:262-8, May 70  
\*ADRENAL CORTEX HORMONES, pharmacodynamics/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, pharmacodynamics/ CORTISONE, pharmacodynamics/  
DIETHYLSTILBESTROL, pharmacodynamics/  
HYDROCORTISONE, pharmacodynamics/  
\*INSULIN, pharmacodynamics/ ORGAN CULTURE/ \*PARATHYROID HORMONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RATS/ SALIVARY GLANDS, drug effects/ \*SALIVARY GLANDS, growth & development/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ \*SEX HORMONES, pharmacodynamics/  
\*SOMATOTROPIN, pharmacodynamics/  
TESTOSTERONE, pharmacodynamics/  
\*THYROID HORMONES, pharmacodynamics/  
THYROXINE, pharmacodynamics/ \*TISSUE CULTURE/ TRYPSIN INHIBITORS, pharmacodynamics
3806. Lucas F, Barber M, Wolstenholme WA, et al: Mass-spectrometric determination of the amino acid sequences in peptides isolated from the protein silk fibroin of Bombyx mori. Biochem J 114:695-702, Oct 69  
\*AMINO ACID SEQUENCE/ CHYMOTRYPSIN/  
\*FIBROIN, analysis/ METHODS/  
METHYLATION/ \*PEPTIDES, analysis/  
PROTEIN HYDROLYSATES/ SILKWORMS/  
SPECTRUM ANALYSIS
3807. Lucas ON: Hypnosis and stress in hemophilia. Bibl Haemat 34:73-82, 1970  
FEAR/ \*HEMOPHILIA, complications/  
HEMORRHAGE, etiology/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN/  
\*HYPNOSIS, DENTAL/ MALE/  
PSYCHOPHYSIOLOGIC DISORDERS/ \*STRESS/  
\*TOOTH EXTRACTION
3808. Lucas ZJ, Palmer JM, Payne R, et al: Renal allotransplantation in humans. I. Systemic immunosuppressive therapy.  
Arch Surg (Chicago) 100:113-25, Feb 70  
ADOLESCENCE/ ADULT/ \*AZATHIOPRINE, therapeutic use/ CHILD/ \*DACTINOMYCIN, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HISTOCOMPATIBILITY TESTING/ HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ \*KIDNEY, transplantation/  
KIDNEY FAILURE, ACUTE, etiology/  
KIDNEY FUNCTION TESTS/ MALE/  
METHODS/ \*METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/  
POSTOPERATIVE COMPLICATIONS/  
\*PREDNISONE, therapeutic use/ RENAL ARTERY/ TIME FACTORS/ TISSUE DONORS/  
TRANSPLANTATION, HOMOLOGOUS/  
\*TRANSPLANTATION IMMUNOLOGY
3809. (Lucas Rasputin ON), Heyden MJ: Rasputin provides clue for modern treatment. Dent Angles 10:11, Sep 69  
FAMOUS PERSONS/ HEMOPHILIA, therapy/  
HYPNOSIS, DENTAL, history/ SPECIAL LIST  
DENTAL
3810. Lucht U, Heumann E: Haemangioma renis. Ugeskr Laeg 131:1522-4, 4 Sep 69 (Dan)  
ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/  
\*HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HEMATURIA, diagnosis/ HUMAN/  
\*KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ MALE/ MIDDLE AGE/  
NEPHRECTOMY
3811. Ludatscher RM, Stebbens WE: Vesicles of fenestrated and non-fenestrated endothelium. Z Zellforsch 97:169-77, 23 May 69  
ADULT/ AGED/ ANIMAL EXPERIMENTS/  
\*CAPILLARIES, cytology/ CYTOPLASM/  
\*EPITHELIUM, cytology/ FROGS/  
HEMANGIOMA, pathology/ HISTOLOGICAL TECHNIQUES/ HUMAN/ MICROSCOPY, ELECTRON/ PINOCYTOSIS/ RATS/ SKIN, blood supply/ SKIN NEOPLASMS, pathology/  
TONGUE, blood supply
3812. Lüders CJ, Schmitz-Valkenberg P: Angioblastom des Grosshirns im hohen Lebensalter mit starken regressiven Veränderungen. Eine histomorphologische Untersuchung zur Pathogenese der Geschwulst und der Regressionen. Acta Neuropath (Berlin) 15:70-82, 1970 (Ger)  
ADENOCARCINOMA, diagnosis/ AGED/  
ANGIOSARCOMA, diagnosis/ ANGIOSARCOMA, etiology/ \*ANGIOSARCOMA, pathology/  
BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, etiology/ \*BRAIN NEOPLASMS, pathology/ CELL TRANSFORMATION, NEOPLASTIC/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ FIBRIN, metabolism/  
HEMANGIOEPICRYTOMA, diagnosis/  
HEMOSIDERIN, metabolism/ HUMAN/ MALE/  
MENINGIOMA, diagnosis/ NEOPLASM METASTASIS, diagnosis/ NEOPLASM REGRESSION, SPONTANEOUS
3813. Ludwig H: Untersuchungen zur Wirksamkeit von Heparinoid-Aescin-Gel. Med Welt 5:194-6, 31 Jan 70 (Ger)  
\*AESCULUS, administration & dosage/  
FEMALE/ GELS/ HEMATOMA, drug therapy/  
HEPARINOID, administration & dosage/  
HUMAN/ \*PERIPHERITIS, drug therapy/  
PLACEBOS/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy/  
PUERPERAL INFECTION, drug therapy/  
SKIN TEMPERATURE



## AUTHOR SECTION

3814. Ludwig H: Trasylol bei hyperfibrinolytischen Zuständen.  
Langenbecks Arch Chir 325:358-61, 1969 (Ger)  
\*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION DISORDERS, prevention & control/ \*FIBRINOLYSIS/ HEMORRHAGE, prevention & control/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control
3815. Ludwig H: Antikoagulantien in der Schwangerschaft und im Wochenbett.  
Geburtsh Frauenheilk 30:337-47, Apr 70 (Ger)  
ADULT/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, metabolism/ \*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION FACTORS, analysis/ BREAST FEEDING/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HEPARIN, therapeutic use/ HEPARINOID, therapeutic use/ HUMAN/ INFANT, NEWBORN/ PLACENTA, metabolism/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ \*PUERPERAL DISORDERS, prevention & control/ STREPTOKINASE, metabolism/ STREPTOKINASE, therapeutic use/ \*THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy
3816. Ludwig H, Paulsen J, Kaminjolo JS: Kälbercornea-Zellen in Kultur. I. Eigenschaften einer fibroblasten- und einer epithelartigen Zelllinie und deren Eignung für die Untersuchung einiger tierpathogener Viren.  
Z Med Mikrobiol Immun 155:133-49, 1969 (Ger)  
ANIMAL EXPERIMENTS/ CATTLE/ CELL LINE/ CLONE CELLS/ \*CORNEA/ CULTURE MEDIA/ \*EPITHELIUM/ \*FIBROBLASTS/ HERPESVIRUS, pathogenicity/ KIDNEY/ MYXOVIRUS, pathogenicity/ NEUTRALIZATION TESTS/ PICORNAVIRUS, pathogenicity/ SWINE/ TESTIS/ \*TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ \*VIRUS CULTIVATION/ VIRUS REPLICATION/ VIRUSES, pathogenicity
3817. Ludwig H, Stiebler HJ, Wolf B: Hemostasis und gelatin Infusion. Bibl Haemat 33:492-3, 1969  
BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ CLOT RETRACTION/ GELATIN, pharmacodynamics/ \*HEMOSTASIS/ HUMAN/ \*PLASMA SUBSTITUTES/ SURFACE PROPERTIES
3818. Luginbühl H, Ratcliffe HL, Detweiler DK: Failure of egg-yolk feeding to accelerate progress of atherosclerosis in older female swine.  
Virchow Arch [Path Anat] 348:281-9, 1969  
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, pathology/ AORTIC DISEASES, etiology/ \*ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, blood/ CORONARY DISEASE, etiology/ CORONARY VESSELS, pathology/ \*DIET, ATHEROGENIC/ \*EGG YOLK/ FEMALE/ LIPOPROTEINS, blood/ SWINE
3819. Lukasiak B, Pawlowski A, Kowalski J, et al: Zmiany w undersienlu skóry króńników w odczynie Arthusa i Shwartzmana. Przegl Derm 57:153-8, Mar-Apr 70 (Pol)  
ANIMAL EXPERIMENTS/ \*ARTHUS PHENOMENON, pathology/ ENGLISH ABSTRACT/ RABBITS/ \*SHWARTZMAN PHENOMENON, pathology/ \*SKIN, innervation/ SKIN, pathology
3820. Luke RG, Talbert W, Siegel RR, et al: Heparin treatment for post-partum renal failure with microangiopathic haemolytic anaemia.  
Lancet 2:750-2, 10 Oct 70  
ADULT/ \*ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ AZATHIOPRINE, therapeutic use/ BETA GLOBULIN/ BIOPSY/ FEMALE/ FIBRIN/ HAPTOGLOBINS/ \*HEPARIN, therapeutic use/ HUMAN/ \*KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, etiology/ LABOR COMPLICATIONS, drug therapy/ OXYTOCICS, adverse effects/ PREDNISONE, therapeutic use/ PREGNANCY/ \*PUERPERAL DISORDERS, drug therapy
3821. Luke SK: Complications of peripheral iridectomy.  
Canad J Ophthal 4:346-51, Oct 69  
ADHESIONS/ AGED/ ANTERIOR CHAMBER, injuries/ BLEPHAROPTOSIS, etiology/ CATARACT, etiology/ DIPLOPIA, etiology/ EYE DISEASES, etiology/ EYE INJURIES, etiology/ FOLLOW-UP STUDIES/ GLAUCOMA, surgery/ HEMORRHAGE, etiology/ HUMAN/ HYPHEMA, etiology/ INTERNSHIP AND RESIDENCY/ IRIS, injuries/ \*IRIS, surgery/ IRITIS, etiology/ METHODS/ MIDDLE AGE/ OPHTHALMIA, etiology/ \*POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, occurrence/ SUTURES/ VISION
3822. Lulenski G, Donaldson M, Newcombe D: Urinary aminoimidazolecarboxamide levels in children with acute leukemia. Pediatrics 45:983-95, Jun 70  
BLOOD CELL COUNT/ BLOOD CELLS/ BLOOD PLATELETS/ BONE MARROW CELLS/ BONE MARROW EXAMINATION/ CHILD/ FEMALE/ HUMAN/ IMIDAZOLES, diagnostic use/ \*IMIDAZOLES, urine/ INDICATORS AND REAGENTS/ \*LEUKEMIA, LYMPHOBLASTIC, urine/ \*LEUKEMIA, MYELOBLASTIC, urine/ MALE/ METHOTREXATE, pharmacodynamics/ NEOPLASM RECURRENCE, LOCAL, urine
3823. Luna MA, Leary WV, Jing BS: Pulmonary hematoma associated with thrombocytopenia.  
Chest 57:487-9, May 70  
AGED/ CASE REPORT/ COIN LESION, PULMONARY, etiology/ \*HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ \*LUNG DISEASES, etiology/ LUNG DISEASES, radiography/ MALE/ \*SARCOMA, RETICULUM CELL, complications/ \*SPLENIC NEOPLASMS, complications/ \*THROMBOPENIA, complications
3824. Lundberg BJ: Glycosaminoglycans of the normal and frozen shoulder-joint capsule.  
Clin Orthop 69:279-84, Mar-Apr 70  
ADULT/ CHONDROITIN, analysis/ HEPARIN, analysis/ HEXOSAMINES, analysis/ HUMAN/ \*KNEE JOINT, analysis/ \*MOVEMENT DISORDERS, metabolism/ \*MUCOPOLYSACCHARIDES, analysis/ \*SHOULDER JOINT, analysis/ \*SYNOVIAL MEMBRANE, analysis
3825. Lundsgaard-Hansen P: Treatment of shock with dextrans and gelatins. Effects and side effects.  
Vox Sang 17:161-93, Sep 69  
ANAPHYLAXIS/ ANTIGENS/ BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION, drug effects/ BLOOD VOLUME/ COLLOIDS/ COMPARATIVE STUDY/ DEXTRAN, adverse effects/ \*DEXTRAN, therapeutic use/ GELATIN, adverse effects/ \*GELATIN, therapeutic use/ HISTAMINE LIBERATION/ HUMAN/ KIDNEY, drug effects/ LACTATES, therapeutic use/ MANNITOL, therapeutic use/ MAST CELLS, drug effects/ MOLECULAR WEIGHT/ PLASMA SUBSTITUTES/ PROTEINS, metabolism/ SEROTONIN, metabolism/ \*SHOCK, drug therapy/ VISCOSITY
3826. Luppis B, Bargellesi A, Conconi F: Control of hemoglobin synthesis at the translation level. Nascent polypeptide chain distribution on rabbit reticulocyte polyribosomes.  
Biochemistry (Wash) 9:4175-9, 13 Oct 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ GEL FILTRATION/ GLOBINS, biosynthesis/



# AUTHOR SECTION

- \*HEMOGLOBIN, biosynthesis/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ \*PEPTIDES, biosynthesis/ RABBITS/ \*RETICULOCYTES, metabolism/ RIBONUCLEASE/ \*RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ TRITIUM/ TRYPSIN/ VALINE, metabolism
3827. Lura HE: De cariespatogenetiske teorier i dag. Tandlaegebladet 73:283-90, Apr 69 (Dan)  
\*ACIDS, adverse effects/ ANIMAL EXPERIMENTS/ CHELATING AGENTS, pharmacodynamics/ CHEMISTRY/ \*DENTAL CARIES, etiology/ DENTAL CARIES, microbiology/ DENTAL CARIES, prevention & control/ \*DENTAL ENAMEL, pathology/ \*DIETARY CARBOHYDRATES, adverse effects/ \*FLUORIDES, pharmacodynamics/ FOOD HABITS/ GLUCOSYLTRANSFERASES, pharmacodynamics/ HUMAN/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES, pharmacodynamics
3828. Lurie A, Gold CH, Meyers AM, et al: Carbenicillin in renal failure. Lancet 2:422-3, 22 Aug 70  
BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CREATININE, blood/ HUMAN/ \*PENICILLIN, adverse effects/ UREA, blood/ \*UREMIA, drug therapy
3829. Lurie A, Katz J, Ludwin SK, et al: Platelet life-span and sites of platelet sequestration in onyala. Brit Med J 4:146-8, 18 Oct 69  
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ \*BLOOD PLATELETS, physiopathology/ CHROMIUM ISOTOPES/ FEMALE/ HUMAN/ MALE/ NEGROID RACE/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, blood/ \*PURPURA, THROMBOPENIC, physiopathology/ RADIOISOTOPE SCANNING/ \*SPLEEN, physiopathology/ SPLENECTOMY/ TIME FACTORS
3830. Lurie A, Ogilvie M, Townsend R, et al: Carbenicillin-induced coagulopathy. Lancet 1:1114-5, 23 May 70  
\*ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ HUMAN/ KIDNEY DISEASES, drug therapy
3831. Lüscher EF: La thrombosthéine. Son rôle dans l'hémostase. Nouv Rev Franc Hemat 9:506-12, Jul-Aug 69 (Fre)  
ADENINE NUCLEOTIDES, metabolism/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, physiology/ BLOOD PROTEINS, analysis/ \*HEMOSTASIS/ HUMAN/ MUSCLE PROTEINS, analysis/ \*MUSCLE PROTEINS, physiology/ PLATELET ADHESIVENESS/ VISCOSITY
3832. Lüscher EF: Die Physiologie der Thrombozytenfunktion. Folia Haemat (Leipzig) 92:433-47, 1969 (74 ref.) (Ger)  
ADENINE NUCLEOTIDES, metabolism/ \*BLOOD COAGULATION/ BLOOD PLATELETS, cytology/ \*BLOOD PLATELETS, physiology/ CALCIUM, metabolism/ CELL MEMBRANE, analysis/ COLLAGEN/ FIBRINOGEN, analysis/ GLYCOLYSIS/ HEMOSTASIS/ HUMAN/ MICROSCOPY, ELECTRON/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ REVIEW
3833. Lüscher EF, Mueller-Eckhardt C, Hess MW: Die Induktion der Phagozytoseaktivität von Blutplättchen und von Makrophagen. Bull Schweiz Akad Med Wiss 24:423-8, Jul 69 (Ger)  
BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, pharmacodynamics/ HUMAN/ IN VITRO/ \*LATEX PARTICLES, pharmacodynamics/ \*MACROPHAGES, drug effects/ MACROPHAGES, physiology/ PHAGOCYTOSIS, drug effects
3834. Luthjens LH, Blok J: The indirect action of gamma-rays on the coat protein of bacteriophage particles. Int J Radiat Biol 16:101-11, 1969  
BUFFERS/ CENTRIFUGATION, DENSITY GRADIENT/ \*COBALT ISOTOPES/ \*COLIPHAGES, radiation effects/ DEOXYRIBONUCLEASE, metabolism/ DNA, VIRAL, metabolism/ MICROSCOPY, ELECTRON/ \*RADIATION EFFECTS/ TRYPSIN, metabolism/ UREA, pharmacodynamics/ \*VIRAL PROTEINS, radiation effects/ VISCOSITY
3835. Lutsenko GE: Mikrometrichni pokazniki fibrinoidnoi substantii platsent pri porokakh sertsia revmatichnoi etiologii. Pediat Akush Ginek 4:40-2, Jul-Aug 69 (Ukr)  
FEMALE/ \*FIBRIN, analysis/ HUMAN/ \*PLACENTA, analysis/ PLACENTA, pathology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ \*RHEUMATIC HEART DISEASE
3836. Lutsenko SM, Kalugin AS: Lechenie spaechnoi bolezni briushnoi polosti. Khirurgiya (Moskva) 45:78-84, May 69 (Rus)  
\*ADHESIONS, surgery/ ANIMAL EXPERIMENTS/ DOGS/ GASTROINTESTINAL MOTILITY/ INTESTINES, transplantation/ JEJUNUM, surgery/ MESENTERY, surgery/ \*PERITONEAL CAVITY, surgery
3837. Lutz F, Rembges H, Frimmer M: Synthesis and effects on biological membranes of some oligomere basic peptides and cations (interactions with vascular permeability, oxidative phosphorylation and histamine liberation). Pharmacology (Basel) 2:271-80, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD VESSELS, drug effects/ \*CHONDROITIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ \*HISTAMINE LIBERATION, drug effects/ MAST CELLS, physiology/ MEMBRANES/ MITOCHONDRIA, metabolism/ \*OXIDATIVE PHOSPHORYLATION, drug effects/ \*PEPTIDES, chem synthesis/ \*PEPTIDES, pharmacodynamics/ PERMEABILITY/ PROTEINS, pharmacodynamics/ RABBITS/ RATS
3838. Lutz H: Animal experiments on the effect of colloidal plasma substitutes in hemorrhagic shock in the dog. Bibl Haemat 33:232-47, 1969  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ BLOOD VOLUME/ \*COLLOIDS, therapeutic use/ COMPARATIVE STUDY/ DEXTRAN, therapeutic use/ DEXTRAN, urine/ DISEASE MODELS, ANIMAL/ DIURESIS, drug effects/ DOGS/ GELATIN, therapeutic use/ GELATIN, urine/ HEMATOCRIT/ IODINE ISOTOPES/ KIDNEY, drug effects/ MOLECULAR WEIGHT/ \*PLASMA SUBSTITUTES, therapeutic use/ SERUM ALBUMIN, metabolism/ \*SHOCK, HEMORRHAGIC, therapy/ THROMBELASTOGRAPHY
3839. Luyet B, Menz L: Effects of freezing on peripheral leucocytes. Biodynamica 10:241-59, 1969  
\*BLOOD PRESERVATION/ COLD/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ EDTA/ ERYTHROCYTES/ \*FREEZING/ HEPARIN/ HUMAN/ \*LEUKOCYTES/ MOTION PICTURES/ NEUTROPHILS/ NITROGEN/ TIME FACTORS
3840. Luzikov VN, Saks VA, Berezin IV: Zashchitnoe deistvie substratov dykhatel'noi tsepi pri inaktivatsii mitokhondrial'nykh chastits perenosa elektronov proteoliticheskimi fermentami i ladom kobry. Blokhimiia 34:874-7, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ CATTLE/ DEPRESSION, CHEMICAL/ \*ELECTRON TRANSPORT, drug effects/ ENGLISH ABSTRACT/ IN VITRO/ \*MITOCHONDRIA,



## AUTHOR SECTION

- MUSCLE, metabolism/ MYOCARDIUM/ NAD, pharmacodynamics/ OXYGEN/ \*PEPTIDE HYDROLASES, pharmacodynamics/ SNAKES/ STIMULATION, CHEMICAL/ \*VENOMS
3841. Lyman DJ, Klein KG, Brash JL, et al: The interaction of platelets with polymer surfaces. I. Uncharged hydrophobic polymer surfaces. *Thromb Diath Haemorrh* 23:120-8, 28 Feb 70  
BLOOD CELL COUNT/ \*BLOOD COAGULATION/ \*BLOOD PLATELETS/ FLUOROCARBON POLYMERS/ HEMATOCRIT/ HUMAN/ PLATELET ADHESIVENESS/ POLYETHYLENES/ \*POLYMERS/ POLYSTYRENES/ POLYURETHANES/ POLYVINYL/ \*SURFACE PROPERTIES/ SURFACE TENSION
3842. Lynch FP, Rosenkrantz JG, Vogel JH: Pulmonary hypertension: treatment by drugs which modify intravascular aggregation. *Surg Forum* 20:201-3, 1969  
ANIMAL EXPERIMENTS/ ANOXIA, complications/ \*BLOOD PLATELETS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ \*DIPYRIDAMOLE, therapeutic use/ \*HYPERTENSION, PULMONARY, drug therapy/ SWINE
3843. Lynn KR: X- and gamma-irradiation of dilute solutions of chymotrypsin in atmospheres of air and nitrogen: effects on activity towards various substrates. *Radiat Res* 43:525-33, Sep 70  
AIR/ \*CHYMOTRYPSIN, radiation effects/ ESTERS/ MATHEMATICS/ NITROGEN/ \*RADIATION EFFECTS/ SPECTRUM ANALYSIS/ TRYPTOPHAN/ TYROSINE
3844. Lynn WS, Straub KD: Isolation and properties of a protein from chloroplasts required for phosphorylation and H<sup>+</sup> uptake. *Biochemistry (Wash)* 8:4789-93, Dec 69  
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, biosynthesis/ CADMIUM/ \*CHLOROPLASTS, analysis/ CHLOROPLASTS, drug effects/ CHLOROPLASTS, enzymology/ CHLOROPLASTS, radiation effects/ CHROMATOGRAPHY, DEAE-CELLULOSE/ EDTA/ ELECTROPHORESIS/ ENZYME ACTIVATION/ \*HYDROGEN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYPOTONIC SOLUTIONS/ LIGASES/ LIGHT/ MAGNESIUM/ OSMOLAR CONCENTRATION/ \*PHOSPHORIC ACIDS, metabolism/ \*PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PLANTS, cytology/ PRECIPITATION/ RADIATION EFFECTS/ SOLUBILITY/ TRYPSIN
3845. Lyonnet R, Saint-Arroman J: Quelques considérations sur l'embolie amniotique. *Rev Franc Gynec Obstet* 65:513-7, Sep 70 (Fre)  
ADULT/ BLOOD TRANSFUSION/ \*EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN
3846. Lyonnet R, Saint-Arroman J, Bannssillon V: Un cas probable d'embolie amniotique. Guérison par l'héparinothérapie et l'épuration extra-rénale. *Bull Fed Gynec Obstet Franc* 22:66, Jan-Mar 70 (Fre)  
ADULT/ CASE REPORT/ \*EMBOLISM, AMNIOTIC FLUID, therapy/ FEMALE/ HEMODIALYSIS/ \*HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ LABOR COMPLICATIONS/ PREGNANCY
3847. Lyons BM, Blankenship BJ, Stout RA: Hemophilia A. *Oral Surg* 28:641-5, Nov 69  
ADULT/ CASE REPORT/ COSTS AND COST ANALYSIS/ FACTOR VIII, therapeutic use/ \*HEMOPHILIA, therapy/ HUMAN/ MALE/ TOOTH EXTRACTION
3848. Lysgaard H: Gestagens terapeutiske anvendelse og bivirkninger ved denne anvendelse. *Ugeskr Laeg* 132:742-5, 16 Apr 70 (Dan)  
ADULT/ BLOOD COAGULATION/ DYSMENORRHEA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ \*GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ LIVER FUNCTION TESTS/ MENOPAUSE, drug effects/ METRORRHAGIA, drug therapy/ OVARIAN CYSTS, drug therapy/ PROGESTATIONAL HORMONES, adverse effects/ \*PROGESTATIONAL HORMONES, therapeutic use/ PROTHROMBIN TIME/ TIME FACTORS
3849. Lysogorov NV, Filatov PP: Ul'trastrukturura trombositov kryis pri dlitel'nom vozdeistvii na organizm malogo kolichestva Mn-54. *Med Radiol (Moskva)* 14:42-6, Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ \*BLOOD PLATELETS, radiation effects/ ENGLISH ABSTRACT/ MALE/ MANGANESE/ MICROSCOPY, ELECTRON/ \*RADIATION EFFECTS/ RATS/ TIME FACTORS
- M
3850. Ma L, Brovetto-Cruz J, Li CH: Pituitary lactogenic hormone. Reaction of tetranitromethane with ovine hormone. *Biochemistry (Wash)* 9:2302-6, 26 May 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHLORIDES/ FEMALE/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ KINETICS/ \*METHANE/ PIGEONS/ POTASSIUM CHLORIDE/ \*PROLACTIN/ PROTEIN DENATURATION/ SHEEP/ SPECTROPHOTOMETRY/ TRYPSIN/ TYROSINE
3851. Mabeck CE: Significance of coagulase-negative staphylococcal bacteriuria. *Lancet* 2:1150-2, 29 Nov 69  
ADOLESCENCE/ ADULT/ AGED/ AMPICILLIN, therapeutic use/ BACTERIURIA, drug therapy/ \*BACTERIURIA, etiology/ COAGULASE/ FEMALE/ HUMAN/ KIDNEY CONCENTRATING ABILITY/ MIDDLE AGE/ PYURIA, etiology/ \*STAPHYLOCOCCAL INFECTIONS/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STAPHYLOCOCCUS, pathogenicity/ SULFONAMIDES, therapeutic use
3852. Maberley AL, Chisholm LD: The effect of a fibrinolytic agent on vitreous hemorrhage in rabbits. *Canad J Ophthal* 5:55-64, Jan 70  
ANIMAL EXPERIMENTS/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ \*HEMORRHAGE, drug therapy/ MALE/ RABBITS/ RETINA, pathology/ STREPTOKINASE, metabolism/ \*VITREOUS BODY/ VITREOUS BODY, blood supply/ VITREOUS BODY, pathology
3853. Maberley AL, Tuffnell PG, Hill JC: Contamination of trial contact lenses. *Canad J Ophthal* 5:46-54, Jan 70  
ADULT/ AGAR/ ASPERGILLUS, growth & development/ \*ASPERGILLUS, isolation & purification/ BACILLUS, growth & development/ \*BACILLUS, isolation & purification/ BLOOD/ COAGULASE, analysis/ \*CONTACT LENSES/ EYE DISEASES, etiology/ EYE FOREIGN BODIES, complications/ FEMALE/ HUMAN/ SOLUTIONS, adverse effects/ STAPHYLOCOCCUS, growth & development/ \*STAPHYLOCOCCUS, isolation & purification/ STERILIZATION/ TISSUE CULTURE
3854. McAllister RA, Campbell R: Effect of light on a pH electrode system. *Anal Biochem* 33:200-4, Jan 70  
\*ACID-BASE EQUILIBRIUM, instrumentation/ AMINO ACIDS/ CHLORIDES/ DARKNESS/ ELECTRODES/ HYDROGEN-ION CONCENTRATION/ LIGHT/ RADIATION EFFECTS/ SILVER/ \*SUNLIGHT/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, analysis/ ULTRAVIOLET RAYS
3855. McBurney RF, Howard H, Bicks RO, et al: Ischemia and gangrene of the colon following abdominal aortic resection. *Amer Surg* 36:205-9, Apr 70  
\*AORTA, ABDOMINAL, surgery/ AORTIC ANEURYSM, surgery/ COLITIS/ COLON, blood supply/ \*COLONIC DISEASES/



# AUTHOR SECTION

- \*GANGRENE/ HEMATOMA, surgery/ HUMAN/ ISCHEMIA/ \*POSTOPERATIVE COMPLICATIONS/ REGIONAL BLOOD FLOW/ RETROPERITONEAL SPACE
3856. McCallum CA, Harrison JB: Pharmacological considerations in dental treatment for the patient with systemic disease. Dent Clin N Amer 14:663-80, Oct 70  
\*BLOOD COAGULATION DISORDERS/  
\*CARDIOVASCULAR DISEASES/  
DENTISTRY/ \*DRUG THERAPY/  
\*ENDOCRINE DISEASES/ HUMAN/  
\*PHARMACOLOGY
3857. McCarthy DM, Brown F: Measurement of duodenal tryptic activity and 75Se-selenomethionine pancreatic scanning compared as tests of pancreatic function. Gut 10:913-20, Nov 69  
\*DUODENUM, enzymology/ ENZYME TESTS/  
GLUCOSE TOLERANCE TEST/ HUMAN/  
PANCREAS, metabolism/ \*PANCREATIC DISEASES, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PANCREATITIS, diagnosis/ \*RADIOISOTOPE SCANNING/ SELENIUM/ \*TRYPSIN, analysis
3858. McCaughan JJ Jr, Young JM: Intra-arterial occlusion in vascular surgery. Ann Surg 171:695-703, May 70  
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, pathology/ AORTA, ABDOMINAL, surgery/ AORTIC ANEURYSM, surgery/ \*ARTERIES, surgery/  
\*CATHETERIZATION/ CATHETERIZATION, instrumentation/ COMPARATIVE STUDY/ DOGS/ FEMORAL ARTERY, pathology/ FEMORAL ARTERY, surgery/ \*HEMOSTASIS/ HEMOSTASIS, instrumentation/ METHODS/ PRESSURE/ RUBBER/ \*SURGICAL INSTRUMENTS/ \*VASCULAR SURGERY/ VASCULAR SURGERY, instrumentation
3859. McCay TS: Radiologic seminar 88:ischial apophysiolyis. J Mississippi Med Ass 10:466-7, Oct 69  
ADULT/ ATHLETIC INJURIES, radiography/ FEMALE/ FRACTURES, complications/  
\*FRACTURES, radiography/ HEMATOMA, etiology/ HUMAN/ ISCHIUM, growth & development/ \*ISCHIUM, injuries/  
\*OSSIFICATION, PHYSIOLOGIC
3860. McCloud TG, Brandt WE, Russell PK: Molecular size and charge relationships of the soluble complement-fixing antigens of dengue viruses. Virology 41:569-72, Jul 70  
ACRYLATES/ \*ANTIGENS/ ANTIGENS, isolation & purification/ BRAIN/ CHYMOTRYPSIN/ DENGUE VIRUS, classification/ \*DENGUE VIRUS, immunology/ DYES/ ELECTROPHORESIS/ GELS/ MICE/ MOLECULAR WEIGHT/ OVALBUMIN/ PEPSIN/ PRECIPITATION/ SEROTYPING/ SERUM ALBUMIN, BOVINE/ ULTRACENTRIFUGATION
3861. McConn J, Fasman GD, Hess GP: Conformation of the high pH form of chymotrypsin. J Molec Biol 39:551-62, 14 Feb 69  
ASPARTIC ACID/ BINDING SITES/ CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ ENZYME PRECURSORS/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ ISOLEUCINE/ OPTICAL ROTATORY DISPERSION/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS
3862. McConnell DJ, Mason B: The isolation of human plasma prekallikrein. Brit J Pharmacol 38:490-502, May 70  
CHROMATOGRAPHY, DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ DRUG ADULTERATION/ GAMMA GLOBULIN, 7S, analysis/ HEPARIN/ HUMAN/ ISOFLUROPHATE/ KALLIKREIN, antagonists & inhibitors/ \*KALLIKREIN, blood/ KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism
3863. McCord JM, Fridovich I: The utility of superoxide dismutase in studying free radical reactions. II. The mechanism of the mediation of cytochrome c reduction by a variety of electron carriers. J Biol Chem 245:1374-7, 25 Mar 70  
ADRENOCHROME/ CATTLE/ CHICKENS/ \*CYTOCHROMES/ ELECTRON TRANSPORT/ EPINEPHRINE/ ERYTHROCYTES, enzymology/ FAD/ FERREDOXINS/ FMN/ FREE RADICALS/ IMINES/ LIVER, enzymology/ METHYLENE BLUE/ MILK, enzymology/ \*OXIDOREDUCTASES/ OXIDOREDUCTASES, antagonists & inhibitors/ OXYGEN/ PHENAZINES/ PLANTS, enzymology/ QUINONES/ VITAMIN K/ \*XANTHINE OXIDASE/ XANTHINE OXIDASE, antagonists & inhibitors
3864. McCrory WW: Glomerulonephritis: pediatric aspects. Bull NY Acad Med 46:789-96, Oct 70  
BLOOD COAGULATION TESTS/ CHILD/ \*GLOMERULONEPHRITIS/  
GLOMERULONEPHRITIS, blood/  
GLOMERULONEPHRITIS, complications/  
GLOMERULONEPHRITIS, diagnosis/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology
3865. McCullough FS, Ruppert RD, Greenberger NJ: Recurrent hemoperitoneum. An unusual complication of regional enteritis. Arch Intern Med (Chicago) 126:514-6, Sep 70  
ABDOMEN, ACUTE, etiology/ ABSCESS, microbiology/ ADULT/ ANEMIA, etiology/ AUTOPSY/ BLOOD COAGULATION/ CASE REPORT/ \*ENTERITIS, REGIONAL, complications/ ESCHERICHIA COLI/ HEMOGLOBIN/ \*HEMOPERITONEUM, etiology/ HUMAN/ HYPOTENSION, etiology/ MALE/ STAPHYLOCOCCUS
3866. McCullough J, Yunis EJ, Benson SJ, et al: Effect of blood-bank storage on leucocyte function. Lancet 2:1333-7, 20 Dec 69  
ANTICOAGULANTS/ BLOOD BACTERICIDAL ACTIVITY/ \*BLOOD BANKS/ \*BLOOD PRESERVATION/ GRAFT VS HOST REACTION/ HUMAN/ LEUKOCYTE COUNT/ \*LEUKOCYTES, physiology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, cytology/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, metabolism/ LYMPHOCYTES, radiation effects/ NEUTROPHILS, physiology/ PLANT AGGLUTININS, pharmacodynamics/ RADIATION EFFECTS/ TEMPERATURE/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM
3867. MacCurdy RK, Simon ER: Thrombocytopenia and sideroblastic anemia with pyrazinolic acid amide (pyrazinamide) therapy. Chest 57:378-81, Apr 70  
ADOLESCENCE/ ADULT/ AGED/ AMINOSALICYLIC ACID, adverse effects/ \*ANEMIA, SIDEROBLASTIC, chemically induced/ \*ANTITUBERCULAR AGENTS, adverse effects/ CYCLOSERINE, adverse effects/ FEMALE/ HUMAN/ IRON, blood/ ISONIAZID, adverse effects/ MIDDLE AGE/ PROTEIN BINDING/ PYRAZINAMIDE, adverse effects/ STREPTOMYCIN, adverse effects/ \*THROMBOCYTOPENIA, chemically induced
3868. Macdonald A, Busch GJ, Alexander JL, et al: Heparin and aspirin in the treatment of hyperacute rejection of renal allografts in presensitized dogs. Transplantation 9:1-7, Jan 70  
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ \*ASPIRIN, pharmacodynamics/ \*AZATHIOPRINE, pharmacodynamics/ DOGS/ \*HEPARIN, pharmacodynamics/ HISTOCOMPATIBILITY TESTING/ \*KIDNEY, transplantation/ LYMPHOCYTES/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
3869. Macdonald HN: Pregnancy following insertion of cardiac valve prostheses: a review and further case report. J Obstet Gynaec Brit Comm 77:603-9, Jul 70  
ADULT/ ANTICOAGULANTS, administration & dosage/ AORTIC VALVE/ CONTRACEPTIVES, ORAL/ DELAYED-ACTION PREPARATIONS/ FAMILY PLANNING/ FEMALE/ FETAL



## AUTHOR SECTION

DEATH/ \*HEART VALVE PROSTHESIS/  
HEPARIN, administration & dosage/ HUMAN/  
INFANT MORTALITY/ LABOR/  
\*PREGNANCY/ PUERPERIUM/  
THROMBOEMBOLISM

3870. Macdonald I: Sucrose--what else besides caries?  
Guy Hosp Rep 118:489-93, 1969  
ACNE, metabolism/ ARTERIOSCLEROSIS,  
etiology/ CORONARY DISEASE, etiology/  
\*DENTAL CARIES, etiology/ DIET,  
ATHEROGENIC/ DIETARY  
CARBOHYDRATES/ FEMALE/ FRUCTOSE,  
metabolism/ GLUCOSE, metabolism/ HUMAN/  
\*LIPIDS, metabolism/ MALE/ STARCH,  
metabolism/ \*SUCROSE, adverse effects/  
SUCROSE, metabolism/ TRIGLYCERIDES,  
blood
3871. MacDonald RA, MacSween RN: Factors regulating the  
organ and cell distribution of excess iron.  
Ann NY Acad Sci 165:156-66, 20 Nov 69  
ANIMAL EXPERIMENTS/ BONE MARROW,  
metabolism/ CYANIDES, pharmacodynamics/  
DINITROPHENOLS, pharmacodynamics/  
FLUORIDES, pharmacodynamics/ HEART,  
metabolism/ HEMOCHROMATOSIS, etiology/  
IN VITRO/ INJECTIONS, INTRAMUSCULAR/  
\*IRON, metabolism/ IRON-DEXTRAN  
COMPLEX, administration & dosage/ IRON  
ISOTOPES/ LIPOTROPIC FACTORS/ LIVER,  
metabolism/ LUNG, metabolism/ PANCREAS,  
metabolism/ PERITONEUM, metabolism/  
RATS/ RETICULOENDOTHELIAL SYSTEM,  
metabolism/ SODIUM, pharmacodynamics/  
THALASSEMIA, complications/  
\*THALASSEMIA, metabolism/ TRYPSIN,  
pharmacodynamics
3872. McDonald TP, Lozzio C, Lotkin P: Rapid detection and  
identification of mucopolysaccharides in urine.  
Clin Pediat (Phila) 9:272-6, May 70  
CHONDROITIN, urine/ CHROMATOGRAPHY,  
PAPER/ HEPARIN, urine/ HUMAN/  
HYALURONIC ACID, urine/ MENTAL  
RETARDATION, urine/ \*METABOLISM,  
INBORN ERRORS, urine/ METHODS/  
MONGOLISM, urine/  
\*MUCOPOLYSACCHARIDES, urine
3873. McFarlane AS: Catabolism of iodine-labelled  
fibrinogen. Proc Roy Soc Med 62:1127-9, Nov 69  
AMMONIUM COMPOUNDS/ FIBRINOGEN,  
isolation & purification/ \*FIBRINOGEN,  
metabolism/ HUMAN/ IODINE ISOTOPES,  
urine/ IODINE ISOTOPES, DIAGNOSTIC,  
metabolism/ PHOSPHOTUNGSTIC ACID/  
PROTEIN BINDING/ SOLUBILITY
3874. McFarlane AS, Koj A: Short-term measurement of  
catabolic rates using iodine-labeled plasma protein.  
J Clin Invest 49:1903-11, Oct 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ \*FIBRINOGEN, metabolism/  
IODINE ISOTOPES/ METHODS/ RABBITS/  
RADIATION EFFECTS/ RADIOAUTOGRAPHY/  
\*SERUM ALBUMIN, metabolism/ SERUM  
ALBUMIN, radiation effects/ SERUM  
ALBUMIN, RADIO-IODINATED/ TIME  
FACTORS
3875. McGandy RB, Stare FJ: The potential for reducing the  
risk associated with elevated blood lipids.  
J Med Ass Georgia 59:62-6, Feb 70  
\*ARTERIOSCLEROSIS, prevention & control/  
DIET, ATEROGENIC/ FOOD-PROCESSING  
INDUSTRY/ HUMAN/ \*LIPIDS, blood
3876. MacGee EE, Bernell WR: Acute fibrinolysis following  
craniotomy and removal of metastatic tumor of the  
cerebellum. Case report.  
J Neurosurg 32:578-80, May 70  
\*ADENOCARCINOMA, surgery/  
AMINOCAPROIC ACID, therapeutic use/  
\*BREAST NEOPLASMS/ \*CEREBELLAR  
NEOPLASMS, surgery/ CEREBRAL  
HEMORRHAGE, diagnosis/ CEREBRAL  
HEMORRHAGE, etiology/ \*CEREBRAL  
HEMORRHAGE, therapy/ CRANIOTOMY/  
FEMALE/ FIBRINOGEN, therapeutic use/  
FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/  
NEOPLASM METASTASIS
3877. McGee JO, Patrick RS: The synthesis of sulphated  
mucopolysaccharide in mouse liver following carbon  
tetrachloride injury. II. Quantitation and partial  
characterization of extracted mucopolysaccharide.  
Brit J Exp Path 50:527-32, Dec 69  
ANIMAL EXPERIMENTS/ \*CARBON  
TETRACHLORIDE POISONING, metabolism/  
CHONDROITIN, biosynthesis/  
CHROMATOGRAPHY, THIN LAYER/  
GLUCOSAMINE, analysis/ HEPARIN,  
biosynthesis/ HEXOSAMINES, analysis/  
HYALURONIDASE, pharmacodynamics/ LIVER,  
analysis/ \*LIVER, metabolism/ MALE/ MICE/  
MUCOPOLYSACCHARIDES, analysis/  
\*MUCOPOLYSACCHARIDES, biosynthesis/  
SULFUR ISOTOPES
3878. McGregor FH Jr, Silver D: Effect of trauma on the  
intravascular fibrinolytic activator.  
Surg Forum 20:44-6, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD VESSELS,  
analysis/ \*BLOOD VESSELS, injuries/ DOGS/  
\*FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/  
WOUNDS AND INJURIES, physiopathology
3879. McGuigan JE, Trudeau WL: Studies with antibodies to  
gastrin. Radioimmunoassay in human serum and  
physiological studies.  
Gastroenterology 58:139-50, Feb 70  
ADULT/ \*ANTIBODIES/ BICARBONATES,  
pharmacodynamics/ EDTA, pharmacodynamics/  
\*GASTRIN, blood/ GLYCINE,  
pharmacodynamics/ HEPARIN,  
pharmacodynamics/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ MALE/ METHODS/  
RABBITS/ \*RADIOIMMUNOASSAY/ SODIUM,  
pharmacodynamics/ ZOLLINGER-ELLISON  
SYNDROME, blood
3880. Machabeli MS: Trombogemorragicheskii sindrom kak  
obshchebiologicheskaya zakonmernost'  
adaptatsionnogo kharaktera.  
Lab Delo 8:451-5, 1969 (Rus)  
ADAPTATION, BIOLOGICAL/ \*BLOOD  
COAGULATION DISORDERS, etiology/  
HEMORRHAGE/ HUMAN/ THROMBOSIS
3881. McIntosh CS, Petrie JC, Macleod M: Maintenance of  
silastic-teflon shunts for intermitten haemodialysis.  
Brit Med J 4:717-20, 20 Dec 69  
ABSCESS, etiology/ \*ARTERIOVENOUS  
SHUNT, SURGICAL/ ARTERIOVENOUS  
SHUNT, SURGICAL, adverse effects/  
CALCINOSIS, etiology/ FIBRINOLYTIC  
AGENTS, therapeutic use/ \*FLUOROCARBON  
POLYMERS/ FUSIDIC ACID, therapeutic use/  
\*HEMODIALYSIS/ HUMAN/ LANOLIN,  
therapeutic use/ \*SILICONES/ SURGICAL  
WOUND INFECTION, etiology/ THROMBOSIS,  
etiology/ VASCULAR DISEASES, etiology
3882. McIntyre PA, Evatt B, Hodgkinson BA, et al:  
Selenium-75 seleno-methionine as a label for  
erythrocytes, leukocytes, and platelets in man.  
J Lab Clin Med 75:472-80, Mar 70  
ADULT/ \*BLOOD CELLS, metabolism/ BLOOD  
PLATELETS, metabolism/ BLOOD PROTEINS,  
analysis/ ERYTHROCYTES, metabolism/  
GLYCINE/ HUMAN/ LEUKOCYTES,  
metabolism/ MALE/ \*METHIONINE,  
metabolism/ MYELOPROLIFERATIVE  
DISORDERS, metabolism/ NITROGEN/  
RADIOISOTOPES/ \*SELENIUM, metabolism/  
SULFUR ISOTOPES/ THYMIDINE/ TIME  
FACTORS/ TRITIUM
3883. McKay DG: Progress in disseminated intravascular  
coagulation. Calif Med 111:186-98 contd, Sep 69  
ANEMIA, HEMOLYTIC, complications/  
\*BLOOD COAGULATION DISORDERS/ BLOOD  
COAGULATION DISORDERS, blood/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
BLOOD COAGULATION DISORDERS, etiology/  
BLOOD COAGULATION DISORDERS,  
pathology/ BLOOD COAGULATION  
DISORDERS, therapy/ CAPILLARIES/



## AUTHOR SECTION

- EPIDEMIC HEMORRHAGIC FEVER, blood/  
EPIDEMIC HEMORRHAGIC FEVER, therapy/  
HEPARIN, therapeutic use/ HUMAN/ KIDNEY  
DISEASES, complications/ LIVER DISEASES,  
complications/ PLAGUE, complications/  
REVIEW/ THROMBOSIS, etiology
3884. McKay DG: Progress in disseminated intravascular  
coagulation. II. Calif Med 111:279-90, Oct 69  
ANEMIA, HEMOLYTIC, complications/ BLOOD  
COAGULATION DISORDERS, complications/  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION DISORDERS,  
pathology/ BLOOD COAGULATION FACTORS/  
BLOOD TRANSFUSION, complications/  
CORONARY DISEASE, complications/  
FEMALE/ HEART ARREST, etiology/  
HEMORRHAGIC DIATHESIS, etiology/  
HUMAN/ HYALINE MEMBRANE DISEASE,  
complications/ ISCHEMIA, etiology/ KIDNEY,  
transplantation/ KIDNEY FAILURE, ACUTE,  
complications/ LABOR COMPLICATIONS/  
MALE/ PREGNANCY/ SHOCK, ENDOTOXIC,  
complications/ SHWARTZMAN PHENOMENON,  
etiology/ THROMBOEMBOLISM, etiology/  
THROMBOPENIA, complications/  
THROMBOPLASTIN, metabolism/ TOXEMIA,  
etiology/ WOUNDS AND INJURIES,  
complications
3885. McKay DG: Tissue damage in disseminated  
intravascular coagulation-mechanisms of localization  
of thrombi in the microcirculation.  
Thromb Diath Haemorrh 36:Suppl 36:67-81, 1969  
ADRENAL CORTEX HORMONES/ ADRENAL  
GLANDS, pathology/ ADRENERGIC ALPHA  
RECEPTOR BLOCKADERS/ ANIMAL  
EXPERIMENTS/ \*BLOOD COAGULATION  
DISORDERS, blood/ BLOOD COAGULATION  
DISORDERS, chemically induced/ BLOOD  
COAGULATION DISORDERS, enzymology/  
BLOOD COAGULATION DISORDERS, etiology/  
BLOOD COAGULATION FACTORS/ BLOOD  
PLATELETS/ CORTICOTROPIN/ EMBOLISM,  
mortality/ ENDOTOXINS, antagonists &  
inhibitors/ FEMALE/ FIBRINOLYSIS,  
antagonists & inhibitors/ HUMAN/ KIDNEY,  
innervation/ KIDNEY, pathology/ KIDNEY  
GLOMERULUS, physiopathology/ LIVER,  
pathology/ LUNG, pathology/ MICROSCOPY,  
ELECTRON/ NOREPINEPHRINE/  
PHENOXYBENZAMINE, pharmacodynamics/  
PORTACAVAL ANASTOMOSIS/ PREGNANCY/  
PREGNANCY, ANIMAL/ RABBITS/ RATS/  
RETICULOENDOTHELIAL SYSTEM,  
physiopathology/ SEROTONIN/ SPLEEN,  
pathology/ SYMPATHECTOMY/ THROMBIN,  
administration & dosage/ VIRUS DISEASES,  
complications
3886. McKay DG, Latour JG, Parrish MH: Activation of  
Hageman factor by alpha-adrenergic stimulation.  
Thromb Diath Haemorrh 23:417-22, 30 Jun 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, etiology/  
\*BLOOD COAGULATION TESTS/  
DISSEMINATED INTRAVASCULAR  
COAGULATION, etiology/ ENZYME  
ACTIVATION/ \*EPINEPHRINE,  
pharmacodynamics/ \*FACTOR XII/ \*FACTOR  
XII, analysis/ \*PHENOXYBENZAMINE,  
pharmacodynamics/ \*RABBITS/  
\*SYMPATHOMIMETICS
3887. McKay DG, Moroz C, De Vries A, et al: The action of  
hemorrhagin and phospholipase derived from *Vipera*  
*palestiniae* venom on the microcirculation.  
Lab Invest 22:387-99, May 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION, drug effects/ BLOOD  
PLATELETS, drug effects/ \*CAPILLARIES,  
drug effects/ ERYTHROCYTES, drug effects/  
\*HEMOLYSINS, pharmacodynamics/  
HEMOLYSIS/ HEMORRHAGE, chemically  
induced/ INTESTINE, SMALL, pathology/  
KIDNEY, pathology/ LIVER, pathology/ LUNG,  
pathology/ MICROCIRCULATION,  
drug effects/ MICROSCOPY, ELECTRON/  
MUSCLE, SMOOTH, drug effects/  
MYOCARDIUM, pathology/ \*PHOSPHOLIPASE,  
pharmacodynamics/ RABBITS/ RATS/  
SNAKES/ THROMBOSIS, blood/ \*VENOMS,  
pharmacodynamics
3888. Mackay M, Silk E, Mason B, et al: Studies on protein  
fractions isolated from human plasma. Kininogenase  
activity in human plasma fractions isolated with ether  
and ethanol. Brit J Haemat 18:29-44, Jan 70  
ALCOHOL, ETHYL/ \*BLOOD PROTEINS,  
analysis/ CAPILLARY PERMEABILITY/  
CENTRIFUGATION/ CHROMATOGRAPHY/  
ESTERASES, blood/ ETHERS/ FACTOR XI,  
analysis/ FACTOR XII, analysis/  
FIBRINOLYSIS, analysis/ GAMMA GLOBULIN,  
19S/ HUMAN/ IMMUNOELECTROPHORESIS/  
KALLIKREIN, analysis/ \*KININS/ \*PEPTIDE  
PEPTIDOHYDROLASES, blood/  
PLASMINOGEN, analysis/ THROMBIN, analysis
3889. MacKechnie I: Macromolecular synthesis during  
microcycle sporogenesis of *Bacillus cereus* T.  
J Bact 101:24-34, Jan 70  
ALKALINE PHOSPHATASE, biosynthesis/  
ARGINASE, biosynthesis/ BACILLUS CEREUS,  
drug effects/ BACILLUS CEREUS,  
enzymology/ \*BACILLUS CEREUS,  
metabolism/ CELL DIVISION, drug effects/  
CULTURE MEDIA/ DNA, BACTERIAL/ DNA,  
BACTERIAL, biosynthesis/ ENZYMES,  
biosynthesis/ GLUCOSE, pharmacodynamics/  
HYDRO-LYASES, metabolism/ LYASES,  
biosynthesis/ PEPTIDE HYDROLASES,  
biosynthesis/ PHOSPHATES, metabolism/  
RNA, BACTERIAL, biosynthesis/ \*SPORES,  
metabolism/ TIME FACTORS/ TRITIUM/  
URACIL, metabolism
3890. McKee PA, Coussons RT, Buckner RG, et al: Effects of  
the spleen on canine factor VIII levels.  
J Lab Clin Med 75:391-402, Mar 70  
ANIMAL EXPERIMENTS/ AZATHIOPRINE,  
pharmacodynamics/ BLOOD COAGULATION/  
DOGS/ \*FACTOR VIII, analysis/ FACTOR  
VIII, metabolism/ HEMOPHILIA, blood/  
HEMOPHILIA, surgery/ HOMEOSTASIS/  
INTESTINE, SMALL, surgery/ MALE/  
METHYLPREDNISOLONE, pharmacodynamics/  
PROTHROMBIN TIME/ RADIOISOTOPE  
SCANNING/ \*SPLEEN, physiology/ SPLEEN,  
transplantation/ SPLENECTOMY/  
THROMBOPLASTIN/ TIME FACTORS/  
TRANSPLANTATION, AUTOLOGOUS/  
TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION IMMUNOLOGY
3891. McKee PA, Mattock P, Hill RL: Subunit structure of  
human fibrinogen, soluble fibrin, and cross-linked  
insoluble fibrin.  
Proc Nat Acad Sci USA 66:738-44, Jul 70  
AMINO ACIDS, analysis/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*FIBRIN, analysis/  
\*FIBRINOGEN, analysis/ GELS/ HUMAN/  
MOLECULAR WEIGHT/ \*PEPTIDES, analysis
3892. MacKenzie MR, Brown E, Fudenberg HH, et al:  
Waldenström's macroglobulinemia: correlation  
between expanded plasma volume and increased  
serum viscosity. Blood 35:394-406, Mar 70  
ALDOSTERONE, urine/ BLOOD PROTEIN  
ELECTROPHORESIS/ BLOOD PROTEINS,  
analysis/ \*BLOOD VISCOSITY/ \*BLOOD  
VOLUME/ CHROMIUM ISOTOPES/  
CORTICOTROPIN, pharmacodynamics/  
ERYTHROCYTES/ HEMATOCRIT/ HUMAN/  
IMMUNOELECTROPHORESIS/  
\*MACROGLOBULINEMIA, blood/  
MACROGLOBULINEMIA, physiopathology/  
PLASMAPHERESIS/ SODIUM, metabolism/  
ULTRACENTRIFUGATION
3893. MacKenzie MR, Fudenberg HH, O'Reilly RA: The  
hyperviscosity syndrome. I. In IgG myeloma. The role  
of protein concentration and molecular shape.  
J Clin Invest 49:15-20, Jan 70  
BLOOD PROTEINS, analysis/ \*BLOOD  
VISCOSITY/ CHEMISTRY/ \*GAMMA  
GLOBULIN, 7S, analysis/ HUMAN/  
MOLECULAR WEIGHT/ \*MULTIPLE  
MYELOMA, blood/ MULTIPLE MYELOMA,  
complications/ ULTRACENTRIFUGATION



## AUTHOR SECTION

3894. Mackinnon J: Anticoagulants and coronary heart disease. *Practitioner* 202:222-9, Feb 69 (29 ref.)  
AGE FACTORS/ \*ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, complications/ COUMARINS, therapeutic use/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ MYOCARDIAL INFARCT, prevention & control/ PHENINDIONE, therapeutic use/ PROTHROMBIN TIME/ REVIEW/ SHOCK, complications/ TIME FACTORS/ WARFARIN, therapeutic use
3895. Mackintosh T: Blood viscosity in newborn infant and diagnosis and treatment of hyperviscous states. *Arch Dis Child* 44:781-2, Dec 69  
\*BLOOD VISCOSITY/ EXCHANGE TRANSFUSION/ HUMAN/ INFANT, NEWBORN/ \*RESPIRATORY DISTRESS SYNDROME, physiopathology/ RESPIRATORY DISTRESS SYNDROME, therapy
3896. McLachlin AD, Carroll SE, Clark RL, et al: Experimental venous thrombectomy. *Ann Surg* 171:956-60, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ COLLATERAL CIRCULATION/ DOGS/ ELECTRIC STIMULATION/ HEPARIN, therapeutic use/ HUMAN/ PHENYLBUTAZONE, therapeutic use/ PULMONARY EMBOLISM, prevention & control/ \*THROMBOPHLEBITIS, surgery/ TIME FACTORS
3897. McLaine PN, Marks MI, Ballah T, et al: Hyperproteinemic proteinuria induced by plasma infusion. *Pediat Res* 3:597-603, Nov 69  
ADOLESCENCE/ AFIBRINOGENEMIA, complications/ BLOOD COAGULATION DISORDERS, complications/ \*BLOOD COAGULATION DISORDERS, therapy/ \*BLOOD PROTEIN DISORDERS, etiology/ \*BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ CHRISTMAS DISEASE, complications/ FEMALE/ HUMAN/ MALE/ \*PROTEINURIA, etiology/ VON WILLEBRAND'S DISEASE, complications
3898. McLaren AD: Progress in the photochemistry of enzymes. *Enzymologia* 37:273-81, 31 Oct 69  
CARBOXYPEPTIDASES/ CHEMISTRY/ \*ENZYMES/ \*LIGHT/ MURAMIDASE/ PEPTIDE PEPTIDOHYDROLASES/ RIBONUCLEASE/ TRYPSIN
3899. McLellan WL Jr, McDaniel LE, Lampen JO: Purification of phosphomannanase and its action on the yeast cell wall. *J Bact* 102:261-70, Apr 70  
AMMONIUM COMPOUNDS/ \*BACILLUS, enzymology/ BACILLUS, growth & development/ BACTERIOLOGICAL TECHNIQS/ \*CELL WALL, metabolism/ ELECTROPHORESIS/ GEL FILTRATION/ \*GLYCOSIDE HYDROLASES, isolation & purification/ GLYCOSIDE HYDROLASES, metabolism/ METHODS/ MICROSCOPY, ELECTRON/ POLYSACCHARIDES, metabolism/ PROTAMINES/ PROTOPLASTS/ \*SACCHAROMYCES, metabolism/ SNAILS/ SULFATES
3900. MacLennan WD: Fractures of the mandibular condylar process. *Brit J Oral Surg* 7:31-9, Jul 69  
ANIMAL EXPERIMENTS/ CHILD, PRESCHOOL/ DENTAL OCCLUSION/ DISLOCATIONS/ EDEMA, complications/ HEMATOMA, complications/ HUMAN/ MANDIBULAR CONDYLE, anatomy & histology/ \*MANDIBULAR CONDYLE, injuries/ \*MANDIBULAR FRACTURES/ MANDIBULAR FRACTURES, diagnosis/ MANDIBULAR FRACTURES, radiography/ MANDIBULAR FRACTURES, surgery/ MANDIBULAR FRACTURES, therapy/ MUSCLE CRAMP, complications/ PROGNOSIS/ RATS
3901. MacLeod EC, Michaels L: Alcohol and the blood. *Lancet* 2:1198-9, 29 Nov 69  
ALCOHOL, ETHYL, adverse effects/ \*ALCOHOLISM, complications/ HUMAN/ \*THROMBOPENIA, chemically induced
3902. McMillan CW, Webster WP, Roberts HR, et al: Continuous intravenous infusion of factor VIII in classic haemophilia. *Brit J Haemat* 18:659-67, Jun 70  
ADOLESCENCE/ CHILD/ FACTOR VIII, administration & dosage/ \*FACTOR VIII, therapeutic use/ FEMALE/ HEMATOMA, EPIDURAL, surgery/ \*HEMOPHILIA, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ LAMINECTOMY/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ TOOTH EXTRACTION
3903. McNamara JJ, Molot MD, Stremple JF: Screen filtration pressure in combat casualties. *Ann Surg* 172:334-41, Sep 70  
ANOXEMIA, etiology/ ARTERIES/ BLOOD CELL COUNT/ BLOOD PLATELETS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ \*FILTRATION/ HEMATOCRIT/ HUMAN/ MALE/ \*MILITARY MEDICINE/ PRESSURE/ PULMONARY EMBOLISM, complications/ \*SHOCK, TRAUMATIC/ VEINS/ \*WOUNDS AND INJURIES
3904. McNicol GP: Measurement during fibrinolytic therapy. *Proc Roy Soc Med* 62:1131-3, Nov 69  
\*BLOOD COAGULATION TESTS/ CLOT RETRACTION/ ENZYME ACTIVATION/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PLASMINOGEN/ PLATELET ADHESIVENESS/ SERODIAGNOSIS/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use
3905. Macon WL, Morton JH, Adams JT: Significant complications of anticoagulant therapy. *Surgery* 68:571-82, Sep 70 (93 ref.)  
ADRENAL GLAND DISEASES, chemically induced/ \*ANTICOAGULANTS, adverse effects/ CEREBROVASCULAR DISORDERS, chemically induced/ FEMALE/ HEMARTHROSIS, chemically induced/ HEMATOMA, chemically induced/ \*HEMORRHAGE, chemically induced/ HEMOTHORAX, chemically induced/ HIP/ HUMAN/ INTESTINAL DISEASES, chemically induced/ MALE/ MUSCLES/ RETROPERITONEAL SPACE/ REVIEW/ SKIN MANIFESTATIONS/ THROMBOPHLEBITIS, chemically induced
3906. McPeak DW, Shields CE, Camp FR Jr: Effects of environmental temperature on selected blood shipping containers. Rep No 809. *US Army Med Res Lab* 1-7, 2 Apr 69  
\*BLOOD PRESERVATION/ DRUG CONTAINERS AND CLOSURES/ \*DRUG STORAGE/ \*TEMPERATURE
3907. McPhaul JJ Jr, Dixon FJ, Brettschneider L, et al: Immunofluorescent examination of biopsies from long-term renal allografts. *New Eng J Med* 282:412-7, 19 Feb 70  
ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ BASEMENT MEMBRANE, immunology/ BIOPSY/ FIBRIN, analysis/ FIBRINOGEN, analysis/ \*FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GLOMERULONEPHRITIS, etiology/ HISTOCOMPATIBILITY/ HISTOCOMPATIBILITY TESTING/ HUMAN/ \*KIDNEY, transplantation/ \*KIDNEY GLOMERULUS, immunology/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
3908. McQuade AB, Crewther WG: Activity against a synthetic substrate by a preparation of extracellular proteinase from *Serratia marcescens*.



# AUTHOR SECTION

- Biochim Biophys Acta 191:762-4, 1969  
AMMONIUM COMPOUNDS/ BUFFERS/  
CASEIN/ CHROMATOGRAPHY, ION  
EXCHANGE/ COLD/ DRUG STABILITY/  
ELECTROPHORESIS/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ MOLECULAR WEIGHT/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, isolation &  
purification/ PEPTIDES/ PRECIPITATION/  
\*SERRATIA MARCESCENS, enzymology/  
TENDONS
3909. McShine RL, Kunst VA: The stimulation of immune antibodies anti-A and anti-B in patients after treatment with cryoprecipitate and factor IX concentrate (P.P.S.B. according to Souller).  
Vox Sang 18:435-40, May 70  
\*ABO FACTORS/ ADOLESCENCE/ ADULT/  
ANTIBODIES, analysis/ \*ANTIBODY  
FORMATION/ \*CHRISTMAS DISEASE,  
immunology/ COLD/ ERYTHROCYTES,  
immunology/ FACTOR VIII,  
pharmacodynamics/ FACTOR IX,  
pharmacodynamics/ FEMALE/ GAMMA  
GLOBULIN, 7S, analysis/  
HEMAGGLUTINATION INHIBITION TESTS/  
\*HEMOPHILIA, immunology/ HUMAN/ MALE/  
PRECIPITATION/ \*VON WILLEBRAND'S  
DISEASE, immunology
3910. Maddox IS, Hough JS: Proteolytic enzymes of *Saccharomyces carlsbergensis*.  
Biochem J 117:843-52, May 70  
AUTOLYSIS/ CASEIN, metabolism/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ELECTROPHORESIS/ GLUCOSE, metabolism/  
GLYCOPROTEINS, analysis/ HYDROGEN-ION  
CONCENTRATION/ MANNOSE, metabolism/  
NITROGEN, metabolism/ \*PEPTIDE  
HYDROLASES, analysis/ \*SACCHAROMYCES,  
enzymology/ SACCHAROMYCES, metabolism/  
TEMPERATURE
3911. Madier C: Hémostase et traitement de la loge après adénomectomie transvésicale.  
Bull Soc Chir Paris 60:106-10, 1970 (Fre)  
\*HEMOSTASIS/ HUMAN/ MALE/ METHODS/  
\*PROSTATIC HYPERTROPHY, surgery
3912. Madrigal Alonso PL, Perez Gomez FJ: Tratamiento del cáncer de mama diseminado con trietilen-thiofosformida (thiotepa).  
Acta Oncol (Madrid) 8:135-42, Jul-Dec 69 (Spa)  
ADULT/ AGED/ \*BREAST NEOPLASMS, drug  
therapy/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ INFUSIONS, PARENTERAL/  
LEUKOCYTES, drug effects/ LEUKOPENIA,  
chemically induced/ MALE/ MIDDLE AGE/  
NEOPLASM METASTASIS/ THIO-TEPA,  
administration & dosage/ THIO-TEPA, adverse  
effects/ \*THIO-TEPA, therapeutic use/  
THROMBOPENIA, chemically induced
3913. Madsen B, Skjoldborg H: Traumatisk, intramuralt haematom i duodenum.  
Ugeskr Laeg 132:1188-90, 18 Jun 70 (Dan)  
ADULT/ ATHLETIC INJURIES/ \*DUODENUM,  
injuries/ DUODENUM, radiography/  
DUODENUM, surgery/  
GASTROENTEROSTOMY/ \*HEMATOMA,  
etiology/ HUMAN/ MALE
3914. Maegawa T: [Role of coagulation and fibrinolytic system in arteriosclerosis].  
Jap J Clin Med 28:1448-54, May 70 (20 ref.) (Jap)  
\*ARTERIOSCLEROSIS, blood/ \*BLOOD  
COAGULATION/ BLOOD PLATELETS,  
physiology/ CELL WALL, analysis/  
\*FIBRINOLYSIS/ HUMAN/ LIPIDS, blood/  
REVIEW
3915. Maekawa T, Ito T, Suzuki Y, et al: [Etiological mechanism of consumption coagulopathy].  
Jap J Clin Path 17:821-5, Nov 69 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION
- FACTORS/ THROMBIN, pharmacodynamics/  
TIME FACTORS
3916. Maekawa T, Suzuki Y: [Determination of dynamics of blood coagulation factors using radioisotopes].  
Jap J Clin Path 16:Suppl 16:125+, 1969 (Jap)  
\*BLOOD COAGULATION FACTORS,  
metabolism/ BLOOD PLATELETS, metabolism/  
BLOOD PROTEINS, metabolism/ FIBRINOGEN,  
metabolism/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ IODINE ISOTOPES/  
MATHEMATICS/ METHODS/ RABBITS/  
\*RADIOISOTOPES/ TIME FACTORS
3917. Maes R, Mesquita J: High mutation rate of foot-and-mouth disease virus treated with hydroxylamine. Arch Ges Virusforsch 29:77-82, 1970  
AGAR/ AMMONIUM COMPOUNDS/ CELL  
LINE/ DEXTRAN, pharmacodynamics/  
\*FOOT-AND-MOUTH DISEASE VIRUS, drug  
effects/ FOOT-AND-MOUTH DISEASE VIRUS,  
growth & development/ FOOT-AND-MOUTH  
DISEASE VIRUS, pathogenicity/ GENETICS,  
MICROBIAL/ HAMSTERS/ HEPARIN,  
pharmacodynamics/ HYDROXIDES/  
\*HYDROXYLAMINES, pharmacodynamics/  
KIDNEY/ \*MUTAGENS/ \*MUTATION/ TISSUE  
CULTURE
3918. Magagina GE: Sovremennoe sostojnie voprosa ob izmenenii sistemy krovi pri khonicheskoi benzol'noi intoksikatsii (obzor literatury).  
Probl Gemat 12:45-9, Feb 67 (Rus)  
ANEMIA, HYPOCHROMIC, chemically induced/  
ASCORBIC ACID DEFICIENCY, chemically  
induced/ BENZENE, analysis/ \*BENZENE,  
poisoning/ BENZENE, toxicity/ BLOOD  
PLATELETS/ BONE MARROW, analysis/  
BONE MARROW, drug effects/ BONE  
MARROW DISEASES, chemically induced/  
CHRONIC DISEASE/ HEMORRHAGIC  
DIATHESIS, chemically induced/ HUMAN/  
IRON, metabolism/ LEUKEMIA, chemically  
induced/ LEUKOPENIA, chemically induced/  
LEUKOPENIA, immunology/ REVIEW/  
THIAMINE DEFICIENCY, chemically induced/  
VITAMIN B 12 DEFICIENCY, chemically  
induced
3919. Magalhães JR: Heparin action on bleeding time and its rate of removal from blood in dogs and rabbits.  
Acta Physiol Lat Amer 19:243-8, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ DOGS/  
FEMALE/ HEMOSTASIS/ HEPARIN, blood/  
\*HEPARIN, pharmacodynamics/ INJECTIONS,  
INTRAVENOUS/ MALE/ RABBITS/ TIME  
FACTORS
3920. Magnenat P: L'esplorazione funzionale epatica.  
Minerva Med 61:1181-8, 24 Mar 70 (Ita)  
ALKALINE PHOSPHATASE, blood/  
AMINOTRANSFERASES, blood/ BILE ACIDS  
AND SALTS, analysis/ BILIRUBIN, analysis/  
BLOOD PROTEINS, analysis/ ENGLISH  
ABSTRACT/ GALACTOSE, urine/ HUMAN/  
\*HYPERTENSION, PORTAL, diagnosis/  
\*JAUNDICE, OBSTRUCTIVE, diagnosis/  
\*LIVER DISEASES, diagnosis/ \*LIVER  
FUNCTION TESTS/ PROTHROMBIN TIME/  
SULFOBROMOPHTHALEIN, diagnostic use
3921. Magnusson S: The chemistry of the activation of prothombin. Biochem J 115:2P-3P, Nov 69  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ \*BIOCHEMISTRY/ CATTLE/  
ENZYME ACTIVATION/ PROTHROMBIN,  
analysis/ \*PROTHROMBIN, metabolism/  
THROMBIN, analysis/ THROMBIN, biosynthesis
3922. Magnusson S, Hofmann T: Inactivation of bovine thrombin by nitrous acid.  
Canad J Biochem 48:432-7, Apr 70  
AMINO ACIDS, analysis/ BLOOD  
COAGULATION/ CATTLE/ CHEMISTRY/  
CHYMOTRYPSIN, antagonists & inhibitors/  
COLD/ ESTERASES, metabolism/  
HYDROGEN-ION CONCENTRATION/  
ISOLEUCINE/ \*NITRITES, pharmacodynamics/  
PANCREAS, enzymology/



## AUTHOR SECTION

PANCREATOPEPTIDASE, metabolism/  
\*THROMBIN, antagonists & inhibitors/  
THROMBIN, metabolism/ TRYPSIN,  
antagonists & inhibitors

3923. Mahabir RN, Lindquist RR, Guttman RD: Fibrin deposition as a pathogenetic mechanism producing glomerulopathy in long surviving renal allografts. Transplantation 9:65-8, Jan 70  
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ \*FIBRIN, biosynthesis/ FIBRINOGEN, metabolism/ HUMAN/ IMMUNE SERUMS/  
\*KIDNEY, transplantation/ \*KIDNEY DISEASES, etiology/ KIDNEY DISEASES, pathology/ KIDNEY GLOMERULUS/ POSTOPERATIVE COMPLICATIONS/ RATS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

3924. Mahadevan PR, Mahadkar UR: Role of enzymes in growth and morphology of Neurospora crassa: cell-wall-bound enzymes and their possible role in branching. J Bact 101:941-7, Mar 70  
CARBON ISOTOPES/ \*CELL WALL, enzymology/ CELL WALL, metabolism/ DENSITOMETRY/ GENETICS, MICROBIAL/ GLUCOSAMINE/ GLUCOSE/ \*GLYCOSIDE HYDROLASES, metabolism/ LEUCINE/ MERCAPTOETHANOL/ MUTATION/ NEUROSPORA, cytology/ \*NEUROSPORA, enzymology/ NEUROSPORA, growth & development/ \*PEPTIDE HYDROLASES, metabolism/ SPECTROPHOTOMETRY

3925. Mahieu F, Sacre J: La thérapeutique des thromboses veineuses. Acta Chir Belg [Suppl] 2:3-82, 1969 (Fre)  
ANTICOAGULANTS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ DRUG SYNERGISM/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPATIC VEIN THROMBOSIS/ HUMAN/ PALLIATIVE TREATMENT/ PRIAPISM/ PULMONARY EMBOLISM, surgery/ SINUS THROMBOSIS/ SPLENIC VEIN/ SPLENOMEGALY, etiology/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, surgery/ \*THROMBOPHLEBITIS, therapy

3926. Mahieu P, Winand RJ: Chemical structure of tubular and glomerular basement membranes of human kidney. Isolation and characterization of the carbohydrate units. Europ J Biochem 15:520-4, Sep 70  
AMINO ACIDS, analysis/ \*BASEMENT MEMBRANE, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPEPTIDASE A/ DISACCHARIDES/ ELECTROPHORESIS/ FUCOSE/ GALACTOSE/ GEL FILTRATION/ GLUCOSE/ \*GLYCOPROTEINS, analysis/ HEXOSAMINES/ HUMAN/ \*KIDNEY GLOMERULUS/ \*KIDNEY TUBULES/ MANNONE/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS/ PEPTIDE PEPTIDOHYDROLASES/ \*PEPTIDES, analysis

3927. Mahon R, Dubecq JP, Leng JJ, et al: Peut-on prévenir la maladie thrombo-embolique de l'accouchée? Rev Franc Gynec Obstet 65:11-4, Jan-Feb 70 (Fre)  
\*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ \*PUERPERAL DISORDERS, prevention & control/ \*THROMBOEMBOLISM, prevention & control

3928. Mahon R, Dubecq JP, Leng JJ, et al: Les citro-flavonoïdes et les dérivés de l'adrénochrome ont-ils encore une place dans la prévention de l'immunisation foeto-maternelle et de la maladie hémolytique périnatale? Rev Franc Gynec Obstet 65:39-43, Jan-Feb 70 (Fre)  
ENGLISH ABSTRACT/ \*ERYTHROBLASTOSIS, FETAL, prevention & control/ FEMALE/ \*FLAVONES, therapeutic use/ HEMOSTATICS, therapeutic use/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ \*RH FACTORS

3929. Malas VS, Nesterenko IuA, Akimova NV: Razvedenie krovi pri ékstrakorporal'nom krovoobrashchenii. Probl Gemat 13:31-6, Sep 68 (Rus)

ADULT/ \*BLOOD COAGULATION DISORDERS/ \*BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ \*EXTRACORPOREAL CIRCULATION/ FEMALE/ \*HEART SURGERY/ HUMAN/ \*ISOLATION PERFUSION/ MALE/ METHODS

3930. Maillard GF, Hessler C: La thermographie des mélanomes malins. Rapport préliminaire. Dermatologica (Basel) 139:353-8, 1969 (Fre)

ADULT/ AGED/ CARCINOMA, diagnosis/ CARCINOMA, BASAL CELL, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ \*MELANOMA, diagnosis/ MIDDLE AGE/ NEVUS, diagnosis/ \*SKIN NEOPLASMS, diagnosis/ \*THERMOGRAPHY

3931. Majima S: [Adhesive adnexal tumors] Sanfujin Jissai 19:352-7, Apr 70 (Jap)

ADHESIONS, surgery/ \*ADNEXA UTERI, surgery/ ADULT/ FEMALE/ HUMAN/ \*UTERINE NEOPLASMS, surgery

3932. Májský A: Versuche zur Klassifizierung der spezifischen Thrombozytenantigene. V. Wirkung von Enzymen auf die Plättchenantigene 1a, 2a und 3a (Koa) Z Immunitätsforsch 139:161-71, Feb 70 (Ger)

ABSORPTION/ ANIMAL EXPERIMENTS/ \*ANTIGENS, analysis/ \*ANTIGENS, classification/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, immunology/ BROMELAINS, pharmacodynamics/ \*ENZYMES, pharmacodynamics/ HEMAGGLUTINATION TESTS/ HUMAN/ PAPAIN, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ PLATELET ADHESIVENESS/ RABBITS/ TRYPSIN, pharmacodynamics

3933. Májský A: Antigenicity of blood platelets. Curr Top Microbiol Immun 50:138-73, 1969 (259 ref.)

ANIMAL EXPERIMENTS/ \*ANTIGENS/ AUTOIMMUNE DISEASES, immunology/ BLOOD GROUPS/ \*BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ ERYTHROCYTES, immunology/ FORENSIC MEDICINE/ HISTOCOMPATIBILITY/ HISTOCOMPATIBILITY TESTING/ HUMAN/ INFANT, NEWBORN, DISEASES, immunology/ ISOANTIGENS/ JURISPRUDENCE/ LEUKOCYTES, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC/ MATERNAL-FETAL EXCHANGE/ PATERNITY/ PLACENTA, immunology/ PURPURA, immunology/ PURPURA, THROMBOPENIC, immunology/ REVIEW

3934. Májský A: Versuch zur Erzeugung von Antikörpern durch Immunisierung von Kaninchen mit menschlichen Thrombozyten per os. Z Immunitätsforsch 140:137-43, Aug 70 (Ger)

ABO FACTORS/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ \*ANTIBODY FORMATION/ ANTIGENS/ \*BLOOD PLATELETS, immunology/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ HEMAGGLUTINATION TESTS/ IMMUNIZATION SCHEDULE/ RABBITS

3935. Májský A, Jakoubková J: A simultaneous modification of A agglutinin of erythrocytes and loss of specific platelet antigens in a patient with gall bladder carcinoma. Neoplasma (Bratisl) 16:297-301, Jun 69

AGGLUTINATION TESTS/ \*ANTIGENS, analysis/ BLOOD GROUPS/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, immunology/ ERYTHROCYTES, analysis/ ERYTHROCYTES, drug effects/ \*ERYTHROCYTES, immunology/ FEMALE/ \*GALLBLADDER NEOPLASMS, immunology/ HEMAGGLUTINATION TESTS/ HUMAN/ LIVER NEOPLASMS/ MERCAPTOPURINE, pharmacodynamics/ MIDDLE AGE/ NEOPLASM



## AUTHOR SECTION

- METASTASIS/ PREDNISONE,  
pharmacodynamics
3936. Májský A, Jakoubková J: Platelet antigens and chemotherapy. *Neoplasma* (Bratisl) 17:241-6, 1970  
AGGLUTINATION, drug effects/ \*ANTIGENS, analysis/ \*ANTIMETABOLITES, adverse effects/ \*BLOOD PLATELETS, drug effects/ FEMALE/ HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS, adverse effects/ MALE/ \*NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy/ PLATELET ADHESIVENESS, drug effects/ PREDNISONE, adverse effects
3937. Májský A, Jakoubková J: Zytostatische Behandlung als Ursache des Verlustes der serologischen Aktivität der Thrombozyten.  
*Folia Haemat* (Leipzig) 93:425-34, 1970 (Ger)  
ABO FACTORS/ ABSORPTION/ ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, immunology/ \*ANTINEOPLASTIC AGENTS, adverse effects/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, immunology/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, immunology/ CHORIOCARCINOMA, drug therapy/ CHORIOCARCINOMA, immunology/ CYCLOPHOSPHAMIDE, adverse effects/ DACTINOMYCIN, adverse effects/ DISGERMINOMA, drug therapy/ DISGERMINOMA, immunology/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ \*ISOANTIGENS, analysis/ LEUKEMIA, drug therapy/ LEUKEMIA, immunology/ LEUKOCYTES, immunology/ MALE/ MERCAPTOPYRINE, adverse effects/ METHOTREXATE, adverse effects/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ URACIL MUSTARD, adverse effects
3938. Májský A, Prokop O: Nachweis des AHP-Rezeptors an menschlichen Thrombozyten.  
*Z Immunitätsforsch* 139:97-103, Dec 69 (Ger)  
ABSORPTION/ \*ANTIBODY FORMATION/ \*ANTIGENS, analysis/ \*BINDING SITES/ \*BLOOD GROUPS/ \*BLOOD PLATELETS, immunology/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS/ HUMAN/ SNAILS
3939. Makarenko TP, Panchenko VM: Posleoperatsionnyi fibrinogenoliz.  
*Khirurgiya* (Moskva) 45:138-9, May 69 (Rus)  
ADULT/ \*BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ FIBRINOGEN/ \*FIBRINOLYSIS/ HUMAN/ HYPERTENSION, PORTAL, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS/ SPLENOMEGALY, surgery
3940. Maki M: [Tests for fibrinolysis]  
*Jap J Clin Path* 16:Suppl 16:114+, 1969 (Jap)  
\*BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS/ METHODS
3941. Maki M: [Fibrinolysis, determination and interpretation] *Jap J Clin Path* 18:563-8, Aug 70 (Jap)  
BLOOD COAGULATION TESTS/ FIBRIN, analysis/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ METHODS/ PLASMINOGEN, analysis/ THROMBIN, pharmacodynamics
3942. Maki M, Ogawa K, Saito M: [Amniotic fluid embolism] *Sanfujin Jissai* 19:32-9, Jan 70 (Jap)  
ADULT/ \*EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, drug therapy/ EMBOLISM, AMNIOTIC FLUID, pathology/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ PREGNANCY
3943. Maki M, Sasaki K, Sato S: Methods for differential diagnosis of consumption coagulopathy.  
*Tohoku J Exp Med* 99:347-60, Dec 69  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ DOGS/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ GEL DIFFUSION TESTS/ PLASMINOGEN, analysis/ PROTHROMBIN TIME/ THROMBIN, analysis
3944. Mäkinen KK, Brummer R, Scheinin A: Selective effect of quaternary ammonium salts on the activity of arylaminopeptidases of the dental pulp, and on trypsin, chymotrypsin and leucine aminopeptidase.  
*Acta Odont Scand* 28:389-98, Jun 70  
\*AMINOPEPTIDASES, antagonists & inhibitors/ \*AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BROMIDES, pharmacodynamics/ \*CHYMOTRYPSIN, metabolism/ \*DENTAL PULP, drug effects/ \*DENTAL PULP, enzymology/ HUMAN/ \*PHOSPHATASES, metabolism/ \*TRYPSIN, metabolism
3945. Mäkinen KK, Mäkinen PL: Selective effect of domiphen bromide (dodecylidimethyl(2-phenoxyethyl)ammonium bromide) on some hydrolytic enzymes.  
*Biochim Biophys Acta* 206:143-51, 22 Apr 70  
ALKALINE PHOSPHATASE, antagonists & inhibitors/ AMINES/ AMINOPEPTIDASES, antagonists & inhibitors/ \*AMMONIUM COMPOUNDS/ ANTI-INFECTION AGENTS, LOCAL/ BACTERIA, enzymology/ BROMIDES/ CARTILAGE, embryology/ CARTILAGE, enzymology/ CATTLE/ CHYMOTRYPSIN, antagonists & inhibitors/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LEUCINE AMINOPEPTIDASE, antagonists & inhibitors/ LIVER, enzymology/ OSMOLAR CONCENTRATION/ PANCREAS, enzymology/ PAPAIN, antagonists & inhibitors/ PARIETAL BONE, embryology/ PARIETAL BONE, enzymology/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PHOSPHORIC ACIDS/ RATS/ TRYPSIN INHIBITORS
3946. Makino S, Chosy L, Valdivia E, et al: Emphysema with hereditary alpha-1 antitrypsin deficiency masquerading as asthma. *J Allerg* 46:40-8, Jul 70  
ADOLESCENCE/ ADULT/ ASTHMA, diagnosis/ AUTOPSY/ BLOOD PROTEIN DISORDERS, complications/ \*BLOOD PROTEIN DISORDERS, familial & genetic/ DIAGNOSIS, DIFFERENTIAL/ EMPHYSEMA, blood/ \*EMPHYSEMA, diagnosis/ EMPHYSEMA, etiology/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, blood/ MIDDLE AGE/ RABBITS/ SPIROMETRY/ \*TRYPSIN INHIBITORS, blood/ VITAL CAPACITY
3947. Makino S, Reed CE: Distribution and elimination of exogenous alpha-antitrypsin.  
*J Lab Clin Med* 75:742-6, May 70  
ADULT/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN DISORDERS, enzymology/ \*BLOOD PROTEIN DISORDERS, familial & genetic/ BODY WEIGHT/ FEMALE/ GEL DIFFUSION TESTS/ HOMOZYGOTE/ HUMAN/ MALE/ PLASMA, enzymology/ \*PULMONARY EMPHYSEMA, enzymology/ RABBITS/ SPUTUM, enzymology/ TRYPSIN INHIBITORS, administration & dosage/ \*TRYPSIN INHIBITORS, metabolism
3948. Makk L, Smiley GL: Hemangioma of spinal canal.  
*J Kentucky Med Ass* 67:825-6, Nov 69  
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA/ \*HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ SPINAL CANAL/ SPINAL NEOPLASMS/ \*SPINAL NEOPLASMS, diagnosis
3949. Malacinski GM, Rutter WJ: Multiple molecular forms of alpha-amylase from the rabbit.  
*Biochemistry* (Wash) 8:4382-90, Nov 69  
AMINO ACIDS, analysis/ \*AMYLASE/ AMYLASE, analysis/ AMYLASE, isolation & purification/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CATTLE/ CHARCOAL/



## AUTHOR SECTION

- CHEMISTRY/ CHROMATOGRAPHY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, PAPER/ DEXTRAN/  
ELECTROPHORESIS/ ELECTROPHORESIS,  
DISK/ FISHES/ GENETICS, BIOCHEMICAL/  
GUINEA PIGS/ HUMAN/ ISOENZYMES/  
METHODS/ MOLECULAR WEIGHT/  
\*PANCREAS, enzymology/ \*PAROTID GLAND,  
enzymology/ PEPTIDES, analysis/  
PRECIPITATION/ RABBITS/ RATS/  
TRYPSIN/ ULTRACENTRIFUGATION
3950. Malakhovskii IuE, Boiko AS, Savenko VV:  
Linfogranulematoz, oslozhnennyi  
trombotopenicheskoj purpuroj  
Probl Gemat 15:60-1, Jan 70 (Rus)  
CASE REPORT/ CHILD/ \*HODGKIN'S  
DISEASE, complications/ HUMAN/ MALE/  
\*PURPURA, THROMBOPENIC, complications
3951. Malamed S, Sayers G, Swallow RL: Fine structure of  
trypsin-dissociated rat adrenal cells.  
Z Zellforsch 107:447-53, 1970  
\*ADRENAL GLANDS, cytology/ ADRENAL  
GLANDS, drug effects/ ADRENAL GLANDS,  
metabolism/ ADRENAL GLANDS, secretion/  
ANIMAL EXPERIMENTS/ CORTICOSTERONE,  
secretion/ \*CORTICOTROPIN,  
pharmacodynamics/ IN VITRO/ MALE/  
MICROSCOPY, ELECTRON/ MITOCHONDRIA/  
RATS/ STIMULATION, CHEMICAL/ TIME  
FACTORS/ TRYPSIN, pharmacodynamics
3952. Malanowicz W, Latalo Z, Zambrowicz K: Ocena  
kliniczna leku przeciwwzakrzepowego "Anisindion".  
Pol Tyg Lek 25:1095-8, 20 Jul 70 (Pol)  
ACUTE DISEASE/ \*ANTICOAGULANTS,  
therapeutic use/ CORONARY DISEASE, drug  
therapy/ ENGLISH ABSTRACT/ HUMAN/  
\*INDENES, therapeutic use/ KETONES,  
therapeutic use/ MYOCARDIAL INFARCT,  
drug therapy/ THROMBOSIS, drug therapy/  
TIME FACTORS
3953. Malaska Z, Kubicek IR, Wiedermannová A: Současný  
stav a perspektivy účinných antihemofilických  
přípravků u nás. Vnitřní Lek 16:34-40, Jan 70 (Slo)  
CRYOGLOBULINS, therapeutic use/ ENGLISH  
ABSTRACT/ FACTOR VIII, therapeutic use/  
\*HEMOPHILIA, complications/  
HEMORRHAGE, drug therapy/ HUMAN/  
\*PLASMA SUBSTITUTES, therapeutic use
3954. Malavaud A, Bichain N, Nicolas D, et al: De la  
prophylaxie de la maladie thromboembolique  
post-opératoire: héparinate ou héparinoïde? A propos  
de 1000 cas.  
Anesth Analg (Paris) 27:225-35, Mar-Apr 70 (Fre)  
ADULT/ AGED/ ANTICOAGULANTS, adverse  
effects/ ANTICOAGULANTS, therapeutic use/  
FEMALE/ HEMATOMA, chemically induced/  
\*HEPARIN, therapeutic use/ HEPARINOID,  
adverse effects/ \*HEPARINOID, therapeutic  
use/ HUMAN/ MALE/ MIDDLE AGE/  
POSTOPERATIVE CARE/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THROMBOEMBOLISM, drug therapy/  
THROMBOEMBOLISM, etiology/  
\*THROMBOEMBOLISM, prevention & control
3955. Maidyk E: Histopathological and histochemical  
comparative studies on fibrinoid necrosis.  
Reumatologia (Warsz) 7:101-9, 1969  
\*ARTHRITIS, RHEUMATOID, pathology/  
ENGLISH ABSTRACT/ FEMALE/ \*FIBRIN,  
analysis/ HISTOCYTOCHEMISTRY/ HUMAN/  
MALE/ NECROSIS/ PLACENTA, pathology/  
\*RHEUMATOID NODULE, pathology/  
\*STOMACH ULCER, pathology/ \*SYNOVIAL  
MEMBRANE, pathology
3956. Maidyk E: Budowa i pochodzenie fibrinoidu.  
Reumatologia (Warsz) 7:185-90, 1969 (40 ref.) (Pol)  
\*COLLAGEN DISEASES/ CYSTEINE, analysis/  
EXTRACELLULAR SPACE, analysis/ \*FIBRIN/  
HUMAN/ REVIEW/ RHEUMATOID NODULE/  
SHWARTZMAN PHENOMENON/  
TRYPTOPHAN, analysis/ TYROSINE, analysis
3957. Mal'eva GV, Veretskaia TV: Kil'kisne vyznachennia  
hal'mivnoi dii fibrynohenu ta produktiv ioho  
tryptychnoho hidrolizu na polimeryzatsiiu fibrynu.  
Ukr Blokhim Zh 41:691-7, 1969 (Ukr)  
ENGLISH ABSTRACT/ \*FIBRIN/  
\*FIBRINOGEN/ METHODS/ TIME FACTORS/  
TRYPSIN
3958. Malhotra OP, Carter JR: Prothrombin in factor X  
deficiency. J Lab Clin Med 75:120-7, Jan 70  
ALUMINUM SILICATES/ BARIUM SULFATE/  
\*BLOOD COAGULATION/ CATTLE/  
CELLULOSE/ CHARCOAL/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ELECTROPHORESIS, DISK/ \*FACTOR X/  
\*HYPOPROTHROMBINEMIAS, blood/  
HYPOPROTHROMBINEMIAS, etiology/  
KAOLIN/ \*PROTHROMBIN/ PROTHROMBIN  
TIME/ TIME FACTORS
3959. Malinovskii NN, Gromova GV, Iufit SE: Sostoianie  
svertyvalushchei i protivosvertyvalushchei sistemy  
krovi do i posle mitral'noi komissurotomii u detei.  
Sovet Med 32:106-10, Aug 69 (Rus)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, analysis/ CHILD/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*MITRAL VALVE STENOSIS, surgery/  
RHEUMATIC HEART DISEASE, blood
3960. Malinvaud G, Borie R: Thrombopénies néonatales et  
maladie hémolytique du nouveau-né par in  
compatibilité rhésus.  
Rev Franc Transfus 12:Suppl:277-90, 1969 (Fre)  
ANTIBODIES, analysis/ ANTIGENS/ BLOOD  
CELL COUNT/ \*BLOOD GROUP  
INCOMPATIBILITY, complications/ BLOOD  
PLATELETS/ BLOOD PLATELETS,  
immunology/ COMPLEMENT FIXATION  
TESTS/ \*ERYTHROBLASTOSIS, FETAL,  
immunology/ HEMAGGLUTINATION TESTS/  
HUMAN/ INFANT, NEWBORN/ LEUKOCYTES,  
immunology/ PREGNANCY/ \*RH FACTORS/  
THROMBOCYTOSIS, immunology/  
\*THROMBOPENIA, immunology
3961. Malis F, Schön E, Herfort K: Proteolytická aktivita  
trypsinu a chymotrypsinu střevní mikrobiální flóry.  
Cesk Gastroent Vyz 24:22-7, Jan 70 (Cze)  
\*CHYMOTRYPSIN, metabolism/ ENGLISH  
ABSTRACT/ \*ENTEROBACTERIACEAE,  
enzymology/ HUMAN/ \*INTESTINE, SMALL,  
enzymology/ INTESTINE, SMALL,  
microbiology/ \*TRYPSIN, metabolism
3962. Maliukov VM, Vasil'ev IuM, Vlasenko MA, et al:  
Raspoznavanie mnozhestvenno gemangiomov pecheni.  
Vrach Delo 9:139-41, Sep 69 (Rus)  
CASE REPORT/ FEMALE/ \*HEMANGIOMA,  
diagnosis/ HUMAN/ \*LIVER NEOPLASMS,  
diagnosis/ MIDDLE AGE
3963. Malisina IB: Vliianie trasilola na fibrinoliticheskuiu  
aktivnost' tkanei.  
Farmakol Toksik 32:628-31, Sep-Oct 69 (Rus)  
ADRENAL GLANDS, enzymology/  
\*AMINO BENZOIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ COMPARATIVE  
STUDY/ DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ ENZYMES, blood/ FEMALE/  
FIBRINOLYSIS, blood/ \*FIBRINOLYSIS, drug  
effects/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ LUNG, enzymology/  
LYMPH NODES, enzymology/ MALE/  
MESENTERY, enzymology/ RATS/ THYMUS  
GLAND, enzymology/ TIME FACTORS
3964. Malm JR, Bowman FO Jr, Jesse MJ, et al: Open heart  
surgery in the infant. Amer J Surg 119:613-6, May 70  
AGE FACTORS/ BLOOD FLOW VELOCITY/  
BLOOD PRESERVATION/ BLOOD VOLUME/  
CITRATES/ \*EXTRACORPOREAL  
CIRCULATION/ GLUCOSE/ \*HEART  
DEFECTS, CONGENITAL, surgery/ HUMAN/  
INFANT/ INFANT, NEWBORN/ METHODS/  
POSTOPERATIVE CARE/ PROGNOSIS/  
TROMETHAMINE
3965. Malmros H: Dietary prevention of atherosclerosis.



## AUTHOR SECTION

- Lancet 1:94-5, 10 Jan 70  
ANIMAL EXPERIMENTS/  
ARTERIOSCLEROSIS, etiology/  
\*ARTERIOSCLEROSIS, prevention & control/  
CHOLESTEROL, blood/ \*DIET/ DIET,  
ATHEROGENIC/ DIET THERAPY/ DIETARY  
CARBOHYDRATES/ DIETARY FATS/  
HUMAN/ RABBITS/ SUCROSE/  
TRIGLYCERIDES, blood
3966. Mal'neva GV: Zalezhnist' protytsidatichnoi aktyvnosti produktiv tryptychnoho hidrolizu fibrynohenu vid kontsentratsii fermentu ta nalavnosti kationiv. Ukr Biokhim Zh 41:282-7, 1969 (Ukr)  
BINDING SITES/ \*BLOOD COAGULATION/  
CALCIUM/ CHEMISTRY/ DEPRESSION,  
CHEMICAL/ ENGLISH ABSTRACT/ \*FIBRIN/  
\*FIBRINOGEN/ GUANIDINES/ MAGNESIUM/  
\*METALS/ STRONTIUM/ TRYPSIN
3967. Malofiejew M: O własnościach biologicznych niektórych produktów degradacji fibrynogenu (PDF) Rocz Akad Med Marchlewski Suppl 23:1-65, 1969 (Pol)  
ACTION POTENTIALS, drug effects/  
\*AMINES, pharmacodynamics/ ANGIOTENSIN,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
BLOOD PRESSURE, drug effects/  
BRADYKININ, pharmacodynamics/  
\*CAPILLARY PERMEABILITY, drug effects/  
CELL MEMBRANE PERMEABILITY, drug  
effects/ ENGLISH ABSTRACT/ FEMALE/  
\*FIBRIN, pharmacodynamics/ \*FIBRINOGEN/  
FIBRINOLYSIS, pharmacodynamics/  
INTESTINE, SMALL, drug effects/ MALE/  
MEMBRANE POTENTIALS, drug effects/  
\*MUSCLE, SMOOTH, drug effects/  
PEPTIDES, pharmacodynamics/ RABBITS/  
RATS/ UTERUS, drug effects
3968. Malt RA, Hershberg RA, Miller WL: Experience with benign tumors of the liver. Surg Gynec Obstet 130:285-91, Feb 70  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHILD, PRESCHOOL/ \*CYSTS/ FEMALE/  
\*HAMARTOMA, diagnosis/ HAMARTOMA,  
pathology/ \*HEMANGIOMA, diagnosis/  
HUMAN/ HYPERPLASIA, diagnosis/ INFANT/  
LIVER NEOPLASMS, classification/ \*LIVER  
NEOPLASMS, diagnosis/ MALE/  
PHOTOMICROGRAPHY/ \*PRECANCEROUS  
CONDITIONS, diagnosis
3969. Malygina-Dudarova SI, Latsink GE: Faktor prosvetlenia krovi pri infektsionnom gepatite. Sovet Med 32:51-3, Apr 69 (Rus)  
ENGLISH ABSTRACT/ \*HEPATITIS,  
INFECTIOUS, blood/ HEPATITIS,  
INFECTIOUS, enzymology/ HUMAN/  
HYPERLIPEMIA, enzymology/  
\*HYPERLIPEMIA, etiology/ \*LIPOPROTEIN  
LIPASE, blood
3970. Malyi GP, Tomenko EK: O srokakh khraneniia sukhoi immunnoi gomologichnoi protivostolbniachnoi plazmy. Zh Mikrobiol 46:123-6, 1969 (Rus)  
\*BLOOD PRESERVATION/ ENGLISH  
ABSTRACT/ FREEZE DRYING/ HUMAN/  
\*IMMUNE SERUMS, analysis/  
IMMUNIZATION/ TEMPERATURE/ TETANUS,  
therapy/ \*TETANUS ANTITOXIN, analysis/  
TIME FACTORS
3971. Mammen EF: Grundlagen der anticoagulantien-Behandlung. Internist (Berlin) 10:2-8, Jan 69 (25 ref.) (Ger)  
\*ANTICOAGULANTS, pharmacodynamics/  
ANTICOAGULANTS, therapeutic use/  
BISHYDROXYCOUMARIN/  
BISHYDROXYCOUMARIN, adverse effects/  
BISHYDROXYCOUMARIN, antagonists &  
inhibitors/ BISHYDROXYCOUMARIN,  
metabolism/ BISHYDROXYCOUMARIN,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ CHEMISTRY/ COMPARATIVE  
STUDY/ HEPARIN/ HEPARIN, adverse  
effects/ HEPARIN, antagonists & inhibitors/  
HEPARIN, metabolism/ HEPARIN,  
pharmacodynamics/ HEPARINOID, adverse  
effects/ HEPARINOID, metabolism/
- HEPARINOID, pharmacodynamics/ HUMAN/  
REVIEW/ THROMBOSIS, drug therapy/  
THROMBOSIS, physiopathology
3972. Mamou H: Expérimentation d'un nouvel héparinoïde par voie cutanée en pratique médicale. Therapeutique 46:685-8, Jun-Jul 70 (Fre)  
ADOLESCENCE/ ADULT/ FEMALE/  
\*HEPARINOID, therapeutic use/ HUMAN/  
MALE/ MIDDLE AGE/ \*OBESITY, drug  
therapy/ \*XANTHOMATOSIS, drug therapy
3973. Mancino D, Paul WE, Benacerraf B, et al: Binding properties of anti-dinitrophenylated-bacitracin A antibodies produced in guinea pigs. J Immun 104:224-9, Jan 70  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ \*ANTIBODIES/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS/ \*BACITRACIN/ \*BINDING SITES/  
GAMMA GLOBULIN/ GUINEA PIGS/  
HAPTENS/ IMMUNIZATION SCHEDULE/  
ISOLEUCINE/ \*NITROPHENOLS/ SERUM  
ALBUMIN, BOVINE/ TRITUM/ VALERATES
3974. Mancino D, Tigelaar RE, Ovary Z: Passive cutaneous anaphylactic and Schultz-Dale reactions elicited in guinea pigs by chemically univalent dinitrophenyl-derivatives of bacitracin A and papain. J Immun 103:750-6, Oct 69  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ ANTIGENS/ \*BACITRACIN,  
analysis/ CHROMATOGRAPHY/  
\*DINITROPHENOLS, analysis/ FIBRINOGEN/  
GEL DIFFUSION TESTS/ GUINEA PIGS/  
\*INTESTINES, immunology/ ISOLEUCINE/  
\*MUSCLE CONTRACTION/ \*PAPAIN, analysis/  
\*PASSIVE CUTANEOUS ANAPHYLAXIS/  
RABBITS/ RIBONUCLEASE/ SERUM  
ALBUMIN, BOVINE/ TRITUM/ VALERATES
3975. Mandache F, Köver G, Covaliu E, et al: Influenta medulosclerozel chimice a glandelor suprarenale asupra sindromului umoral aterogen. Cercetări in experiment cronic. Stud Cercet Endocr 21:31-41, 1970 (Rum)  
\*ADRENAL GLAND DISEASES, chemically  
induced/ ADRENAL GLAND DISEASES,  
complications/ ADRENAL GLAND  
HYPOFUNCTION, complications/ \*ADRENAL  
MEDULLA/ ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, complications/  
CATECHOLAMINES, blood/ CHOLESTEROL/  
DIET, ATEROGENIC/ DIETARY FATS/  
DOGS/ HYPERCHOLESTEREMIA,  
complications/ HYPERLIPEMIA, complications/  
SCLEROSIS, chemically induced/ \*SODIUM  
SALICYLATE
3976. Mandel EE, Gerhold WM: Plasma fibrin-stabilizing factor: acquired deficiency in various disorders. Amer J Clin Path 52:547-56, Nov 69  
ACUTE DISEASE/ ADULT/ AGED/ ANEMIA,  
MACROCYTIC, blood/ ANEMIA, SICKLE  
CELL, blood/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION DISORDERS, occurrence/  
BLOOD COAGULATION TESTS/ CORONARY  
DISEASE, blood/ CYSTEINE, diagnostic use/  
\*FACTOR XIII/ FIBRINOGEN, diagnostic use/  
HEAT/ HEPATITIS, blood/ HUMAN/  
LEUKEMIA, blood/ LIVER CIRRHOSIS, blood/  
LIVER NEOPLASMS, blood/ LUPUS  
ERYTHEMATOSUS, SYSTEMIC, blood/  
LYMPHOMA, blood/ METHODS/ MIDDLE  
AGE/ MYELOPROLIFERATIVE DISORDERS,  
blood/ NEOPLASM METASTASIS, blood/  
PROTHROMBIN TIME/ UREMIA, blood
3977. Mandell GL, Hook EW: The interaction of platelets, Salmonella, and mouse peritoneal macrophages. Proc Soc Exp Biol Med 132:757-9, Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, physiology/ \*MACROPHAGES,  
physiology/ MALE/ METHODS/ MICE/  
PERITONEAL CAVITY/ \*PHAGOCYTOSIS/  
\*SALMONELLA TYPHIMURIUM
3978. Mandelli F, Gandolfo GM, Isacchi G, et al: La malattia emorragica costituzionale da difetto di fattore VII



# AUTHOR SECTION

- (convertina)  
Recent Progr Med (Roma) 47:1-36, Jul 69 (Ita)  
ADULT/ BLOOD COAGULATION TESTS/  
CHILD/ \*HEMORRHAGE, etiology/  
HEMOSTASIS/ HUMAN/  
\*HYPOPROCONVERTINEMIA, complications/  
MALE
3979. Mandelli F, Mariani G, Gandolfo GM, et al:  
Considérations sur deux cas d'hypoconvertinémie  
congénitale.  
Nouv Rev Franc Hemat 9:485-94, Jul-Aug 69 (Fre)  
ADULT/ ANKLE JOINT, radiography/ BLOOD  
COAGULATION TESTS/ CHILD/ ELBOW  
JOINT, radiography/ EPISTAXIS, etiology/  
FACTOR VII, analysis/ FIBRINOGEN/  
HEMARTHROSIS, etiology/ HUMAN/  
HYPOPROCONVERTINEMIA, complications/  
\*HYPOPROCONVERTINEMIA, congenital/  
MALE/ PLATELET ADHESIVENESS
3980. Mann FD: Simplification of the concept of coagulation  
by revival of the inhibitor theory.  
Thromb Diath Haemorrh 23:12-8, 28 Feb 70  
BINDING SITES/ \*BLOOD COAGULATION/  
BLOOD COAGULATION DISORDERS, familial  
& genetic/ CALCIUM/ FACTOR VIII,  
metabolism/ HUMAN/ IN VITRO/ PROTEIN  
BINDING/ PROTHROMBIN, metabolism/  
THROMBIN, metabolism/ THROMBOPLASTIN/  
VITAMIN K
3981. Mann JG, Brown WR, Kern F Jr: The subtle and  
variable clinical expressions of gluten-induced  
enteropathy (adult celiac disease, nontropical sprue).  
An analysis of twenty-one consecutive cases.  
Amer J Med 48:357-66, Mar 70  
ADULT/ ANEMIA, MACROCYTIC/ CALCIUM,  
blood/ CAROTENE, blood/ DIARRHEA/  
EDEMA/ EMACIATION/ FECES, analysis/  
FEMALE/ \*GLUTEN/ HEMATOCRIT/ HUMAN/  
IMMUNOGLOBULINS, analysis/ INTESTINAL  
MUCOSA, pathology/ MALE/ MIDDLE AGE/  
PANCREATIN, therapeutic use/  
PHOSPHORUS, blood/ POTASSIUM, blood/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC/ PROTHROMBIN TIME/  
SERUM ALBUMIN, analysis/ SPRUE,  
chemically induced/ \*SPRUE, diagnosis/  
TETANY/ THROMBOPHLEBITIS/ VITAMIN B  
12, metabolism/ XYLOSE, metabolism
3982. Mann KG, Batt CW: The molecular weights of bovine  
thrombin and its primary autolysis products.  
J Biol Chem 244:6555-7, 10 Dec 69  
ALKYLATION/ AMINO ACIDS, analysis/  
CHEMISTRY/ CHROMATOGRAPHY, ION  
EXCHANGE/ ELECTROPHORESIS, DISK/  
ENZYME ACTIVATION/ GEL FILTRATION/  
GUANIDINES/ IODOACETATES/ MOLECULAR  
WEIGHT/ PEPTIDES, analysis/ SULFIDES/  
\*THROMBIN/ THROMBIN, analysis/  
THROMBIN, isolation & purification/  
ULTRACENTRIFUGATION
3983. Mann KG, Fish WW, Cox AC, et al: Single-chain nature  
of human serum transferrin.  
Biochemistry (Wash) 9:1348-54, 17 Mar 70  
ALKYLATION/ AMINO ACIDS, analysis/  
BINDING SITES/ CARBOHYDRATES, analysis/  
CHEMISTRY/ CHROMATOGRAPHY, PAPER/  
ELECTROPHORESIS/ GEL FILTRATION/  
GUANIDINES/ HUMAN/ INDICATORS AND  
REAGENTS/ IRON/ MOLECULAR WEIGHT/  
OXIDATION-REDUCTION/ \*PEPTIDES/  
PEPTIDES, analysis/ \*TRANSFERRIN/  
TRANSFERRIN, analysis/ TRYPSIN/  
ULTRACENTRIFUGATION/ VISCOSITY
3984. Mannucci PM: Estimation of prothrombin in liver  
disease. J Clin Path 23:291-5, May 70  
AMINOTRANSFERASES, blood/  
ANTITHROMBIN, analysis/ BILIRUBIN, blood/  
COMPARATIVE STUDY/ \*HEPATITIS, blood/  
HUMAN/ \*LIVER CIRRHOSIS, blood/  
METHODS/ \*PROTHROMBIN, analysis
3985. Mannucci PM, Craveri A, Saracino F, et al: Confronto di  
tre prove globali di coagulazione nella cirrosi epatica.  
Valutazione della loro utilità diagnostica e  
correlazione con la tendenza emorragica.  
Minerva Med 60:4950-3, 8 Dec 69 (Ita)  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
HUMAN/ \*LIVER CIRRHOSIS, complications
3986. Mano Y: Cytoplasmic regulation and cyclic variation in  
protein synthesis in the early cleavage stage of the sea  
urchin embryo. Develop Biol 22:433-60, Jul 70  
AMINO ACIDS, metabolism/ ANIMAL  
EXPERIMENTS/ CARBON ISOTOPES/  
CELL-FREE SYSTEM/ CYCLOHEXIMIDE,  
pharmacodynamics/ \*CYTOPLASM, physiology/  
DACTINOMYCIN, pharmacodynamics/  
\*ECHINODERMATA, embryology/ IN VITRO/  
LEUCINE/ \*MITOSIS/ PEPTIDE  
HYDROLASES, metabolism/ PERIODICITY/  
\*PROTEINS, biosynthesis/ PUROMYCIN,  
pharmacodynamics/ TEMPERATURE/ TRITIUM
3987. Mano Y, Nagano H: Mechanism of release of maternal  
messenger RNA induced by fertilization in sea urchin  
eggs. J Biochem (Tokyo) 67:611-28, May 70  
CALCIUM, pharmacodynamics/  
CENTRIFUGATION, DENSITY GRADIENT/  
ECHINODERMATA/ ENZYME ACTIVATION/  
\*FERTILIZATION/ MICROSCOPY, ELECTRON/  
OVUM/ PEPTIDE HYDROLASES, metabolism/  
PROTEINS, biosynthesis/ RIBOSOMES,  
metabolism/ \*RNA, MESSENGER/ TRYPSIN/  
ULTRACENTRIFUGATION
3988. Manschot WA: Juxtapapillary retinal  
angiomatosis-histology of congenital  
glaucoma--transverse ischaemic optic nerve necrosis  
in neuroblastoma.  
Ophthalmologica (Basel) 160:326-9, 1970  
\*ANTERIOR CHAMBER, pathology/ \*BRAIN  
NEOPLASMS, pathology/ CHILD/ CHILD,  
PRESCHOOL/ \*EYE NEOPLASMS, pathology/  
FEMALE/ GLAUCOMA, congenital/  
\*GLAUCOMA, pathology/ \*HEMANGIOMA,  
pathology/ HUMAN/ ISCHEMIA, pathology/  
NECROSIS/ \*NEUROBLASTOMA, pathology/  
\*OPTIC NERVE, pathology/ \*RETINA
3989. Mantal KE: Carbonylcyanide m-chloro-*o*-nitrophenylhydrazone  
as an inhibitor of coupled electron transport in  
trypsin treated spinach chloroplasts.  
Biochim Biophys Acta 189:449-51, 1969  
CHLOROPLASTS, drug effects/  
\*CHLOROPLASTS, metabolism/ CYANIDES,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
\*ELECTRON TRANSPORT, drug effects/  
IMINES, metabolism/ KINETICS/  
\*PHENYLHYDRAZINE, pharmacodynamics/  
PLANTS, metabolism/ QUINONES, metabolism/  
STIMULATION, CHEMICAL/ \*TRYPSIN,  
pharmacodynamics/ UNCOUPLING AGENTS,  
pharmacodynamics
3990. Manueva GN: Izuchenie villanii kachestva stekla na  
dritel'no sokhraneniye bidistil'irovannuiu vodu,  
prednaznachennuiu dlia rastvorenii sukhikh  
preparatov krovi i krovezameniteli.  
Probl Gemat 14:58-60, Sep 69 (Rus)  
\*BLOOD PRESERVATION/ BLOOD  
TRANSFUSION/ \*GLASS/ \*PLASMA  
SUBSTITUTES/ \*WATER
3991. Manz CW, LaTendresse C, Sako Y: The detrimental  
effects of drains on colonic anastomoses: an  
experimental study.  
Dis Colon Rectum 13:17-25, Jan-Feb 70  
ADHESIONS, etiology/ ANIMAL  
EXPERIMENTS/ COLON, pathology/ \*COLON,  
surgery/ \*COLONIC DISEASES, etiology/  
DOGS/ \*DRAINAGE, adverse effects/  
DRAINAGE, instrumentation/  
FLUOROCARBON POLYMERS/ INTESTINAL  
OBSTRUCTION, etiology/ PERITONITIS,  
etiology
3992. Mapes CA, Anderson RL, Sweetley CC, et al: Enzyme  
replacement in Fabry's disease, an inborn error of  
metabolism. Science 169:987-9, 4 Sep 70  
ADOLESCENCE/ ADULT/ AMAUROTIC  
FAMILIAL IDIOCY, enzymology/  
\*ANGIOKERATOMA, enzymology/  
ARTHRITIS, enzymology/ CEREBRAL



# AUTHOR SECTION

- SCLEROSIS, DIFFUSE, enzymology/  
CEREBROSIDES, blood/ CEREBROSIDES,  
therapeutic use/ CHILD/ CHILD,  
PRESCHOOL/ CLINICAL RESEARCH/  
FACTOR VIII, metabolism/ FEMALE/  
GAUCHER'S DISEASE, enzymology/  
GLYCOLIPIDS, blood/ \*GLYCOLIPIDS,  
metabolism/ \*GLYCOSIDE HYDROLASES,  
blood/ GLYCOSIDE HYDROLASES, therapeutic  
use/ HUMAN/ LIPID METABOLISM, INBORN  
ERRORS, drug therapy/ \*LIPID  
METABOLISM, INBORN ERRORS, enzymology/  
LIVER, enzymology/ MALE/ MIDDLE AGE/  
\*PLASMA, enzymology/ SULFATASES,  
therapeutic use/ VON WILLEBRAND'S  
DISEASE, drug therapy
3993. Marama M, Fujita T, Oata M: Purification and  
properties of a microsomal endopeptidase from rat  
kidney preferentially hydrolyzing parathyroid  
hormone. Arch Biochem 138:245-53, May 70  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY/ \*KIDNEY, enzymology/  
\*MICROSOMES, enzymology/ MOLECULAR  
WEIGHT/ \*PARATHYROID HORMONE,  
metabolism/ PEPTIDE HYDROLASES, isolation  
& purification/ \*PEPTIDE HYDROLASES,  
metabolism/ RATS
3994. Marcel YL, Noel SP: Contamination of blood stored in  
plastic packs. Lancet 1:35-6, 3 Jan 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION/  
CHROMATOGRAPHY/ HUMAN/ \*PHTHALIC  
ACID/ PHTHALIC ACID, analysis/ PHTHALIC  
ACID, toxicity/ \*PLASTICS/ RATS/  
SPECTROPHOTOMETRY
3995. Marchand J, Pain, Boussagol: Otite adhésive de  
l'enfance.  
Presse Therm Climat 106:2-5, Jan-Mar 69 (Fre)  
ADHESIONS/ \*BALNEOLOGY/ CHILD/  
CHILD, PRESCHOOL/ HUMAN/ \*OTITIS,  
therapy
3996. (Marchionni A), Götz H:  
"Marchionni-Gedächtnisvorlesung" Das kranke Bein  
aus der Sicht der Dermatologen.  
Z Haut Geschlechtskr 44:595-608, 15 Sep 69 (Ger)  
ACRODERMATITIS, pathology/ AMYLOIDOSIS,  
pathology/ ANGIOMATOSIS, pathology/  
ANGIONEUROTIC EDEMA, pathology/  
CURRENT BIOG-OBIT/ ECTHYMA, pathology/  
ERYSIPELAS, pathology/ ERYTHEMA,  
pathology/ FILARIASIS, pathology/  
GRANULOMA, pathology/ HISTIOCYTOMA,  
pathology/ HUMAN/ HYPERSENSITIVITY,  
pathology/ LEG, abnormalities/ \*LEG  
DERMATOSIS, pathology/ LEIOMYOMA,  
pathology/ LYMPHANGIOMA, pathology/  
LYMPHANGITIS, pathology/ LYMPHEDEMA,  
pathology/ MELANOMA, pathology/  
MYXEDEMA, pathology/ NECROBIOSIS  
LIPOIDICA, pathology/ NEVUS, pathology/  
SARCOMA, RETICULUM CELL, pathology/  
\*SKIN NEOPLASMS, pathology/  
THROMBOPHLEBITIS, pathology/ TINEA,  
pathology/ TUBERCULOSIS, CUTANEOUS,  
pathology/ VARICOSE ULCER, pathology/  
VASCULAR DISEASES, pathology
3997. Marciniak E: Coagulation inhibitor elicited by  
thrombin. Science 170:452-3, 23 Oct 70  
\*ANTICOAGULANTS/ \*BLOOD  
COAGULATION/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
FACTOR X, antagonists & inhibitors/ GEL  
FILTRATION/ HEMORRHAGE, etiology/  
\*PROTHROMBIN, analysis/ \*THROMBIN,  
analysis/ THROMBOSIS, etiology
3998. Marcsek M, Tilsner V, Busch H: Zur Ätiologie der  
Hämophilie. Neue Aspekte des Faktor-VIII-Mangels.  
München Med Wschr 112:1377-80, 24 Jul 70 (Ger)  
ADENOSINE TRIPHOSPHATE, analysis/  
BLOOD PLATELETS, metabolism/ BLOOD  
PLATELETS, physiopathology/ ENGLISH  
ABSTRACT/ \*FACTOR VIII, biosynthesis/  
\*HEMOPHILIA, etiology/ HUMAN/ IN VITRO/  
THROMBELASTOGRAPHY
3999. Marcus JB, Lynn JA: Ultrastructural comparison of an  
adenomatoid tumor, lymphangioma, hemangioma, and  
mesothelioma. Cancer 25:171-5, Jan 70  
\*HEMANGIOMA, pathology/ HUMAN/  
\*LYMPHANGIOMA, pathology/  
\*MESOTHELIOMA, pathology/ MICROSCOPY,  
ELECTRON/ PERITONEAL NEOPLASMS,  
pathology/ PLEURAL NEOPLASMS, pathology
4000. Marder VJ, James HL, Sherry S: The purification of  
fibrinogen degradation products by pevikon block  
electrophoresis.  
Thromb Diath Haemorrh 22:234-9, 15 Nov 69  
BLOOD PROTEIN ELECTROPHORESIS/  
\*ELECTROPHORESIS/ \*FIBRINOGEN, analysis/  
FIBRINOGEN, isolation & purification/  
FIBRINOGEN, metabolism/ METHODS/  
PLASMINOGEN, metabolism/ POLYVINYL/  
STREPTOKINASE, pharmacodynamics
4001. Maresz-Babczyszyn J, Hamon Y, Péron Y: Biologic  
properties of lethal factors produced by Enterobacter  
aerogenes. Arch Immun Ther Exp 17:718-30, 1969  
ADSORPTION/ \*AEROBACTER AEROGENES/  
AEROBACTER AEROGENES, metabolism/  
\*BACTERIOCINS/ BACTERIOCINS,  
biosynthesis/ BACTERIOCINS,  
pharmacodynamics/ \*BACTERIOLYSIS/  
BACTERIOPHAGE/ COLICINS, antagonists &  
inhibitors/ COLICINS, biosynthesis/ CULTURE  
MEDIA/ ESCHERICHIA COLI, drug effects/  
GENES, LETHAL/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS,  
pharmacodynamics/ TRYPSIN,  
pharmacodynamics
4002. Margaretten W, McKay DG: The role of the platelet and  
leukocyte in disseminated intravascular coagulation  
caused by bacterial endotoxin.  
Thromb Diath Haemorrh 36:Suppl 36:151+, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION  
DISORDERS, blood/ BLOOD COAGULATION  
DISORDERS, chemically induced/ BLOOD  
COAGULATION DISORDERS, immunology/  
\*BLOOD PLATELETS/ \*ENDOTOXINS/  
HEPARIN, pharmacodynamics/ IMMUNE  
SERUMS/ KIDNEY, pathology/  
LEUKOCYTES/ NITROGEN MUSTARD  
COMPOUNDS, pharmacodynamics/ RABBITS/  
SERUM ALBUMIN, BOVINE/ SHWARTZMAN  
PHENOMENON, prevention & control/  
THROMBOPENIA, etiology
4003. Margaretten W, McKay DG: The effect of leukocyte  
antiserum on the generalized Schwartzman reaction.  
Amer J Path 57:299-305, Nov 69  
AGRANULOCYTOSIS/ ANIMAL  
EXPERIMENTS/ ANTIGEN-ANTIBODY  
REACTIONS/ ENDOTOXINS, administration &  
dosage/ FEMALE/ \*IMMUNE SERUMS/  
\*LEUKOCYTES, immunology/ RABBITS/  
\*SHWARTZMAN PHENOMENON/  
SHWARTZMAN PHENOMENON, etiology
4004. Marggraf W, Greuer W, Ahiborn T, et al: Die  
Einwirkungen einer standardisierten Verbrühung auf  
der Ratte in den ersten Minuten und Stunden auf  
Blutleiss- und -gerinnungsfaktoren.  
Langenbecks Arch Chir 326:106-36, 1970 (Ger)  
ALPHA GLOBULIN, analysis/ ANIMAL  
EXPERIMENTS/ BETA GLOBULIN, analysis/  
BLOOD/ \*BLOOD COAGULATION FACTORS/  
BLOOD COAGULATION TESTS/ BLOOD  
PROTEIN ELECTROPHORESIS/ \*BLOOD  
PROTEINS/ BLOOD SUGAR/ BLOOD  
VISCOSITY/ BUFFERS, therapeutic use/  
\*BURNS, blood/ BURNS, therapy/ ENGLISH  
ABSTRACT/ FIBRINOGEN, analysis/  
HEPARIN, therapeutic use/ HYDROGEN-ION  
CONCENTRATION/ INSULIN, therapeutic use/  
KININS, antagonists & inhibitors/ MALE/  
PROTHROMBIN, analysis/ RATS
4005. Margolis CZ: Intravascular coagulation.  
New Eng J Med 282:101, 8 Jan 70  
\*BLOOD COAGULATION DISORDERS/  
HUMAN/ \*NOMENCLATURE
4006. Mariani R, Maurel P, Bernard R: Les nodules



# AUTHOR SECTION

- thyroidiens de l'enfant et de l'adolescent. Problemes diagnostiques et therapeutiques (a propos de 100 observations)  
Arch Franc Pediat 26:907-24, Oct 69 (Fre)  
\*ADENOMA/ ADOLESCENCE/ ADULT/ CHILD/ CYSTS/ FEMALE/ GOITER/ HEMATOMA/ HUMAN/ MALE/ RADIOISOTOPE SCANNING/ \*THYROID DISEASES/ THYROID DISEASES, diagnosis/ THYROID DISEASES, pathology/ THYROID DISEASES, therapy/ THYROID GLAND, pathology/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, biosynthesis/ \*THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, therapy/ THYROIDITIS
007. Mariano M: Mucosubstances in normal and in neoplastic mast cells of the dog.  
Acta Histochem (Jena) 36:14-23, 1970  
ANIMAL EXPERIMENTS/ DOGS/ DYES/ \*GLYCOGEN, analysis/ HEPARIN, analysis/ HISTOCYTOCHEMISTRY/ HYALURONIDASE/ \*MAST CELLS, analysis/ \*MUCOPOLYSACCHARIDES, analysis/ \*NEURAMINIC ACIDS, analysis/ PERIODIC ACIDS/ PHENAZINES/ PHENOTHIAZINES/ \*SARCOMA, MAST CELL, metabolism/ STAINS AND STAINING
008. Marie J, Lévêque B, Josso F, et al: Etude de la coagulation et du catabolisme du fibrinogène marqué au cours d'une maladie de Moschcowicz.  
Arch Franc Pediat 26:226-7, Feb 69 (Fre)  
ANEMIA, HEMOLYTIC/ BLOOD COAGULATION DISORDERS/ CHILD/ \*FIBRINOGEN, metabolism/ HUMAN/ KIDNEY FAILURE, ACUTE/ MALE/ \*PURPURA, THROMBOTIC THROMBOPENIC/ RADIOISOTOPES, diagnostic use
009. Marien GJ, McFadden KD: Splenic megakaryocytes and circulating platelets in pregnant rats.  
Amer J Anat 128:225-33, Jun 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BONE MARROW CELLS/ FEMALE/ \*HEMATOPOIESIS/ LIVER/ \*MEGAKARYOCYTES/ ORGAN WEIGHT/ PREGNANCY/ \*PREGNANCY, ANIMAL/ SPLEEN, anatomy & histology/ \*SPLEEN, physiology/ SPLENECTOMY
10. Marinković M, Kallai L, Gvozdanović V: Korelacija kliničke i splenoportografske slike kod poremećaja ljenoportalne cirkulacije.  
Liječn Vjesn 91:1059-68, 1969 (Cro)  
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HUMAN/ \*LIVER CIRCULATION/ \*LIVER CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS, radiography/ MALE/ MIDDLE AGE/ PORTAL SYSTEM/ SPLENIC VEIN/ \*SPLENOPORTOGRAPHY/ \*THROMBOSIS, diagnosis/ THROMBOSIS, radiography
11. Markland FS, Damus PS, Davidson TM, et al: Thrombic enzyme from Crotalus adamanteus.  
Lancet 1:1398, 27 Jun 70  
ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ IN VITRO/ MONKEYS/ \*PEPTIDE HYDROLASES, isolation & purification/ RABBITS/ RATS/ \*SNAKES/ \*THROMBIN, isolation & purification/ THROMBIN, pharmacodynamics/ \*VENOMS, analysis
12. Markle CD, Evans EC: Adrenal hemorrhage associated with anticoagulant therapy.  
Southern Med J 63:526-9, May 70  
\*ADRENAL GLAND DISEASES, chemically induced/ ADRENAL GLAND DISEASES, diagnosis/ AGED/ \*ANTICOAGULANTS, adverse effects/ AUTOPSY/ BLOOD UREA NITROGEN/ FEMALE/ \*HEMORRHAGE, chemically induced/ HEMORRHAGE, diagnosis/ HUMAN/ MALE/ PROTHROMBIN TIME/
- PULMONARY EMBOLISM/ SHOCK, physiopathology/ STRESS, physiopathology
4013. Markosian AA, Chepurov AK: Vliianie gradienta napriazhenia na elektroliticheskuu dissotsiatsiu koagullatsionnykh faktorov krovi.  
Fiziol Zh SSSR Sechenov 55:816-22, Jul 69 (Rus)  
ANTICOAGULANTS, metabolism/ \*BIOLOGICAL TRANSPORT/ \*BLOOD COAGULATION FACTORS, metabolism/ ENGLISH ABSTRACT
4014. Markosina AA, Chepurov AK: Vliianie zeta-potentsiala na gemokoarullatsiu v krovenosnykh sosudakh.  
Biull Eksp Biol Med 67:39-42, May 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ \*BLOOD VESSELS, physiology/ ELECTROCHEMISTRY/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ \*MEMBRANE POTENTIALS/ RABBITS
4015. Markov IN: Rak zheludka u bol'nykh sakharnym diabetom. Khirurgiya (Moskva) 46:55-9, May 70 (Rus)  
ADULT/ AGED/ BLOOD COAGULATION/ \*DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ GASTROENTEROSTOMY/ HUMAN/ MALE/ MIDDLE AGE/ \*STOMACH NEOPLASMS, complications/ STOMACH NEOPLASMS, surgery
4016. Markova IV, Kesareva OIu: Vliianie fenobarbitala na éksperimental'nulu giperbilirubinemiú u krys raznogo vozrasta.  
Farmakol Toksik 33:285-7, May-Jun 70 (Rus)  
ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HYPERBILIRUBINEMIA, chemically induced/ \*HYPERBILIRUBINEMIA, prevention & control/ \*MORPHINE, toxicity/ \*PHENOBARBITAL, pharmacodynamics/ PREGNANCY/ RATS/ \*SODIUM, pharmacodynamics/ STIMULATION, CHEMICAL/ VITAMIN K, antagonists & inhibitors
4017. Markovits P: Interférence et production d'interféron dans des cellules de poulet infectées par les adénovirus 4, 7, 8 et 18.  
Ann Inst Pasteur (Paris) 118:832-8, Jun 70 (Fre)  
\*ADENOVIRUS INFECTIONS/ ANIMAL EXPERIMENTS/ CELL LINE/ CHICKENS/ ENGLISH ABSTRACT/ HELA CELLS/ HUMAN/ \*INTERFERON, biosynthesis/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ \*VESICULAR STOMATITIS VIRUS/ \*VIRAL INTERFERENCE/ VIRUS REPLICATION
4018. Markus HB, Ball EG: Inhibition of lipolytic processes in rat adipose tissue by antimalaria drugs.  
Biochim Biophys Acta 187:486-91, 17 Dec 69  
ADIPOSE TISSUE, drug effects/ \*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ \*ANTIMALARIALS, pharmacodynamics/ CHLOROQUINE, pharmacodynamics/ EPIDIDYMIS/ FATTY ACIDS, metabolism/ HEPARIN, pharmacodynamics/ HYDROXYCHLOROQUINE, pharmacodynamics/ \*LIPIDS, metabolism/ MALE/ PRIMAQUINE, pharmacodynamics/ QUINACRINE, pharmacodynamics/ QUINIDINE, pharmacodynamics/ QUININE, pharmacodynamics/ RATS
4019. Markwardt F: Über die medikamentöse Beeinflussung der Plättchenfunktion.  
Folia Haemat (Leipzig) 92:448-59, 1969 (Ger)  
ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ CELL MEMBRANE PERMEABILITY/ DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ NUCLEOSIDES, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PHENOTHIAZINES,



# AUTHOR SECTION

- pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/ RABBITS/  
SEROTONIN, metabolism/ THROMBIN/  
THROMBOSIS, prevention & control
4020. Markwardt F, Barthel W, Faust G, et al: Der Einfluss von 6.7-Dimethoxyisochinolin-Derivaten auf die Funktion der Blutplättchen.  
Acta Biol Med German 23:295-306, 1969 (Ger)  
ADENINE NUCLEOTIDES/ ANIMAL  
EXPERIMENTS/ BLOOD PLATELETS, drug  
effects/ \*BLOOD PLATELETS, physiology/  
DENSITOMETRY/ ENGLISH ABSTRACT/  
GUINEA PIGS/ HUMAN/ ILEUM/  
\*ISOQUINOLINES, pharmacodynamics/  
MUSCLE CONTRACTION, drug effects/  
PARASYMPATHOLYTICS, pharmacodynamics/  
THROMBIN
4021. Markwardt F, Klöcking HP, Landmann H:  
Vergleichende klinisch-pharmakologische  
Untersuchungen synthetischer Antifibrinolytika.  
Folia Haemat (Leipzig) 92:78-83, 1969 (Ger)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANTIFIBRINOLYTIC AGENTS, blood/  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ ANTIFIBRINOLYTIC  
AGENTS, urine/ BENZOATES,  
pharmacodynamics/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/ FIBRINOLYSIS,  
antagonists & inhibitors/ FIBRINOLYSIS/  
HUMAN/ STREPTOKINASE
4022. Markwardt F, Richter M: Zur Standardisierung des  
Proteaseninhibitors aus Rinderorganen.  
Pharmazie 24:620-2, Oct 69 (Ger)  
\*ANTIFIBRINOLYTIC AGENTS, analysis/  
ANTIFIBRINOLYTIC AGENTS, standards/  
CATTLE/ ENZYME REPRESSION/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
analysis/ KALLIKREIN-TRYPSIN  
INACTIVATOR, standards/ METHODS/  
\*PEPTIDE HYDROLASES, antagonists &  
inhibitors/ \*PEPTIDES, analysis/ PEPTIDES,  
standards
4023. Marlette RH, Amen CR: An evaluation of two  
proteolytic enzymes and critique of the clinical study.  
Oral Surg 29:249-54, Feb 70  
APICOECTOMY/ CLINICAL RESEARCH/  
\*EDEMA, drug therapy/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ \*PEPTIDE  
HYDROLASES, therapeutic use/  
POSTOPERATIVE COMPLICATIONS, drug  
therapy/ TABLETS, ENTERIC-COATED/  
TOOTH, IMPACTED, surgery
4024. Marney SR Jr, Des Prez RM: Comparison of the effects  
of divalent ion chelating agents on  
complement-mediated hemolysis in rabbit and human  
serum. J Immun 103:1044-9, Nov 69  
ACETIC ACIDS, pharmacodynamics/  
ANTIGEN-ANTIBODY REACTIONS/ BLOOD,  
immunology/ BLOOD PLATELETS, drug  
effects/ \*CALCIUM, metabolism/ \*CHELATING  
AGENTS, pharmacodynamics/ COMPLEMENT/  
EDTA, pharmacodynamics/ ERYTHROCYTES,  
immunology/ GLYCOLS, pharmacodynamics/  
\*HEMOLYSIS, drug effects/ HUMAN/  
MAGNESIUM, pharmacodynamics/ RABBITS/  
SHEEP/ SODIUM, pharmacodynamics
4025. Maroc J, Azerad R, Kamen MD, et al: Menaquinone  
(MK-6) in the sulfate-reducing obligate anaerobe,  
Desulfovibrio.  
Biochim Biophys Acta 197:87-9, 13 Jan 70  
CHROMATOGRAPHY, PAPER/  
CHROMATOGRAPHY, THIN LAYER/  
\*DESULFOVIBRIO, analysis/ SPECIES  
SPECIFICITY/ SPECTRUM ANALYSIS/  
SULFATES/ \*VITAMIN K, analysis
4026. Maros TN, Ionescu MG, Sabău M, et al: A model of myo-  
cardial infarct in dogs, through the gradual  
compression of the coronary vessels by rods of  
laminaria digitata. Cor Vasa 11:93-100, 1969  
ANIMAL EXPERIMENTS/ \*CORONARY  
VESSELS/ DISEASE MODELS, ANIMAL/  
DOGS/ ELECTROCARDIOGRAPHY/  
\*HEMOSTASIS/ METHODS/ \*MYOCARDIAL  
INFARCT, etiology/ MYOCARDIAL INFARCT,  
pathology/ PERICARDIUM, surgery/ THORAX,  
surgery
4027. Marotel-Schirmann J, Cavard D, Sandler L, et al: Temps  
nécessaire à une colicine fixée sur une bactérie pour  
déclencher des processus irréversibles.  
C R Acad Sci [D] (Paris) 270:230-3, 5 Jan 70 (Fre)  
AMINO ALCOHOLS, biosynthesis/ \*COLICINS,  
pharmacodynamics/ \*ESCHERICHIA COLI,  
drug effects/ ESCHERICHIA COLI,  
metabolism/ GLYCEROPHOSPHATES,  
biosynthesis/ OXIDATIVE  
PHOSPHORYLATION, drug effects/  
TEMPERATURE/ TIME FACTORS/ TRYPSIN,  
pharmacodynamics
4028. Maroux S, Puigserver A, Diouba V, et al: Amino acid  
sequence of phospholipase A from porcine pancreas.  
Biochim Biophys Acta 188:351-2, 1969  
AMINO ACID SEQUENCE/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
CHROMATOGRAPHY, PAPER/  
ELECTROPHORESIS/ ENZYME PRECURSORS/  
GEL FILTRATION/ PANCREAS, enzymology/  
PEPTIDES/ \*PHOSPHOLIPASE/ SWINE/  
TRYPSIN
4029. Marples RR: Viologabriellae variant of Staphylococcus  
epidermidis on normal human skin.  
J Bact 100:47-50, Oct 69  
ADULT/ AXILLA/ CARBOHYDRATES,  
metabolism/ CATALASE, analysis/  
COAGULASE, analysis/ CULTURE MEDIA/  
DRUG RESISTANCE, MICROBIAL/ FACE/  
GLUCOSE, metabolism/ HUMAN/  
OXIDOREDUCTASES, analysis/  
PHOSPHATASES, analysis/ PIGMENTATION/  
\*SKIN, microbiology/ STAPHYLOCOCCUS,  
cytology/ STAPHYLOCOCCUS, enzymology/  
\*STAPHYLOCOCCUS, isolation & purification/  
STAPHYLOCOCCUS, metabolism
4030. Marquardt J, Falsen E, Lycke E: Physico-chemical  
properties of some vaccinal immunoprecipitogens.  
Arch Ges Virusforsch 27:152-65, 1969  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ \*ANTIGENS, analysis/  
ANTIGENS, isolation & purification/  
CHEMISTRY/ CHICK EMBRYO/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
FETAL MEMBRANES, analysis/ GEL  
DIFFUSION TESTS/ GEL FILTRATION/  
HEAT/ MOLECULAR WEIGHT/ TRYPSIN/  
ULTRACENTRIFUGATION/ VACCINIA VIRUS,  
analysis/ \*VACCINIA VIRUS, immunology
4031. Marquez ED, Brodie AF: Electron transport in  
halophilic bacteria: involvement of a menaquinone in  
the reduced nicotinamide adenine dinucleotide  
oxidative pathway. J Bact 103:260-2, Jul 70  
\*BACTERIA, metabolism/ BACTERIA,  
radiation effects/ CELL-FREE SYSTEM/  
CENTRIFUGATION/ CHROMATOGRAPHY/  
CYANIDES, pharmacodynamics/  
DENSITOMETRY/ \*ELECTRON TRANSPORT/  
ELECTRON TRANSPORT, radiation effects/  
GELS/ LIGHT/ LIPIDS, isolation &  
purification/ \*NAD, metabolism/  
NAPHTHOQUINONES, isolation & purification/  
\*NAPHTHOQUINONES, metabolism/  
NITRATES/ SILICA/ SILVER/  
SPECTROPHOTOMETRY/ VIBRATION/  
\*VITAMIN K, metabolism
4032. Marquis NR, Becker JA, Vigdahl RL: Platelet  
aggregation. 3. An epinephrine induced decrease in  
cyclic AMP synthesis.  
Biochem Biophys Res Commun 39:783-9, 5 Jun 70  
\*ADENINE NUCLEOTIDES, biosynthesis/  
ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
biosynthesis/ BLOOD PLATELETS, drug  
effects/ \*BLOOD PLATELETS, metabolism/  
CAFFEINE, pharmacodynamics/ CARBON  
ISOTOPES/ CELL MEMBRANE, drug effects/  
DRUG ANTAGONISM/ \*EPINEPHRINE,  
pharmacodynamics/ HUMAN/ MODELS,  
CHEMICAL/ NUCLEOSIDES, metabolism/  
PHENTOLAMINE, pharmacodynamics/



## AUTHOR SECTION

PLATELET ADHESIVENESS/ PROPRANOLOL,  
pharmacodynamics/ PROSTAGLANDINS,  
pharmacodynamics

4033. Marquis NR, Vigdahl RL, Tavormina PA: Platelet aggregation. I. Regulation by cyclic AMP and prostaglandin E1.

Biochem Biophys Res Commun 36:965-72, 10 Sep 69  
ADENINE NUCLEOTIDES, biosynthesis/  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
biosynthesis/ ADENOSINE CYCLIC  
3',5'-PHOSPHATE, pharmacodynamics/  
ADENOSINE TRIPHOSPHATE, metabolism/  
ADENYL CYCLASE, blood/ ADENYL  
CYCLASE, metabolism/ BLOOD  
COAGULATION, drug effects/ \*BLOOD  
PLATELETS/ BLOOD PLATELETS,  
enzymology/ BLOOD PLATELETS, metabolism/  
BUTYRATES/ CAFFEINE, pharmacodynamics/  
CARBON ISOTOPES/ CENTRIFUGATION/  
DEPRESSION, CHEMICAL/ DRUG  
SYNERGISM/ HUMAN/ IMIDAZOLES,  
pharmacodynamics/ PHOSPHATASES,  
antagonists & inhibitors/ PHOSPHATASES,  
metabolism/ PLATELET ADHESIVENESS, drug  
effects/ \*PROSTAGLANDINS,  
pharmacodynamics/ STIMULATION,  
CHEMICAL/ TRITIUM

4034. Marrack D, Spar IL: Effect of epsilon aminocaproic acid (EACA) on lysis of subcutaneous clots.

Clin Sci 39:12P, Sep 70  
\*AMINOCAPROIC ACID, pharmacodynamics/  
\*BLOOD COAGULATION, drug effects/  
FIBRINOLYSIS, drug effects/ GAMMA  
GLOBULIN/ HUMAN/ IODINE ISOTOPES/  
RABBITS/ SKIN

4035. Marrian DH, Mitchell JS, Bull CH, et al: Labelled compound related to synkavit and its uptake in certain human tumours studied by radio-isotope scanning.

Acta Radiol [Ther] (Stockholm) 8:221-46, Jun 69  
ADENOCARCINOMA, metabolism/ ADULT/  
AGED/ ANIMAL EXPERIMENTS/ BREAST  
NEOPLASMS, metabolism/ CARCINOMA,  
metabolism/ COLONIC NEOPLASMS,  
metabolism/ CYSTADENOMA, MUCINOUS,  
metabolism/ FEMALE/ HUMAN/ \*IODINE  
ISOTOPES, DIAGNOSTIC/ KIDNEY  
NEOPLASMS, metabolism/ MALE/ MICE/  
MIDDLE AGE/ MOUTH NEOPLASMS,  
metabolism/ NEOPLASM METASTASIS,  
metabolism/ \*NEOPLASMS, metabolism/  
NEOPLASMS, EXPERIMENTAL, metabolism/  
PERITONEAL NEOPLASMS, metabolism/  
\*RADIATION-SENSITIZING AGENTS,  
metabolism/ \*RADIOISOTOPE SCANNING/  
RATS/ RECTAL NEOPLASMS, metabolism/  
SARCOMA, RETICULUM CELL, metabolism/  
SIGMOID NEOPLASMS, metabolism/  
STOMACH NEOPLASMS, metabolism/  
\*VITAMIN K, metabolism

4036. Marschang F: Beobachtungen während einer Massenvergiftung durch Rattenfärg bei Schweinen. Deutsch Tierärztl Wschr 77:282-6, 15 Jun 70 (Ger)

\*BISHYDROXYCOUMARIN, poisoning/ BLOOD  
TRANSFUSION/ ENGLISH ABSTRACT/  
HEMORRHAGE, veterinary/ POISONING,  
therapy/ \*POISONING, veterinary/ SWINE/  
SWINE DISEASES, drug therapy/ \*SWINE  
DISEASES, therapy/ VITAMIN K, therapeutic  
use

4037. Marsh WL, Nichols ME: The effect of bacterial T-activating enzymes on the red cell Sp1 antigen.

Vox Sang 17:217-20, Sep 69  
BLOOD GROUPS/ \*CLOSTRIDIUM  
PERFRINGENS, immunology/ \*DIPLOCOCCUS  
PNEUMONIAE, immunology/  
\*ERYTHROCYTES, immunology/ HUMAN/  
IMMUNE SERUMS/ \*ISOANTIGENS/  
PEANUTS/ PEPTIDE HYDROLASES/ PLANT  
EXTRACTS/ SPECIES SPECIFICITY

4038. Marshall TH, Whitaker JR, Bender ML: Porcine elastase. II. Properties of the tyrosinate-splitting enzymes and the specificity of elastase.

Biochemistry (Wash) 8:4671-7, Dec 69  
ACETATES/ BUFFERS/ CHROMATOGRAPHY,  
ION EXCHANGE/ CHYMOTRYPSIN/  
ELASTIN/ ENZYME ACTIVATION/  
ESTERASES/ ESTERS/ FETUS/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ NITRILES/ NITROBENZENES/  
PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE/  
PANCREATOPEPTIDASE, antagonists &  
inhibitors/ \*PEPTIDE HYDROLASES/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ PHOSPHORIC ACIDS/ SOY  
BEANS/ SWINE/ TRYPSIN INHIBITORS/  
TYROSINE

4039. Marshall TH, Whitaker JR, Bender ML: Porcine elastase. I. The presence of tyrosinate-splitting enzymes as impurities in elastase preparations.

Biochemistry (Wash) 8:4665-71, Dec 69  
CALCIUM/ CHROMATOGRAPHY, ION  
EXCHANGE/ CRYSTALLIZATION/  
ELECTROPHORESIS/ ESTERS/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ METHYLCELLULOSE/  
NITROBENZENES/ PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE/  
PANCREATOPEPTIDASE, isolation &  
purification/ \*PEPTIDE HYDROLASES/  
PEPTIDE PEPTIDOHYDROLASES/  
SOLUBILITY/ SPECTROPHOTOMETRY/  
SWINE/ TYROSINE

4040. Martin BF, Phillips JD: Gangrene of the female breast with anticoagulant therapy: report of two cases.

Amer J Clin Path 53:622-6, May 70  
AGED/ \*BISHYDROXYCOUMARIN, adverse  
effects/ \*BREAST DISEASES, chemically  
induced/ BREAST DISEASES, pathology/  
CASE REPORT/ EDEMA, pathology/ FEMALE/  
\*GANGRENE, chemically induced/ GANGRENE,  
pathology/ HUMAN/ MIDDLE AGE/  
NECROSIS, pathology/ \*THROMBOPHLEBITIS,  
drug therapy

4041. Martin CB Jr, Misenhimer HR, Ramsey EM: Ovarian tumors in rhesus monkeys (Macaca mulatta): report of three cases. Lab Anim Care 20:686-92, Aug 70

AUTOPSY/ CYSTADENOMA, pathology/  
\*CYSTADENOMA, veterinary/ DERMOID  
CYST, pathology/ \*DERMOID CYST,  
veterinary/ FEMALE/ HEMANGIOMA,  
CAVERNOUS, pathology/ \*HEMANGIOMA,  
CAVERNOUS, veterinary/ LAPAROTOMY/  
\*MONKEY DISEASES, pathology/ MONKEYS/  
OVARIAN NEOPLASMS, pathology/  
\*OVARIAN NEOPLASMS, veterinary/  
PREGNANCY

4042. Martin CM, Engstrom PF, Barrett O Jr: Surreptitious self-administration of heparin.

JAMA 212:475-6, 20 Apr 70  
ADULT/ FEMALE/ HEMORRHAGIC  
DIATHESIS, chemically induced/ \*HEPARIN,  
administration & dosage/ HEPARIN, adverse  
effects/ HUMAN/ INJECTIONS,  
INTRAMUSCULAR/ INJECTIONS,  
SUBCUTANEOUS/ PROTHROMBIN TIME/  
\*SELF MEDICATION/ SELF MUTILATION

4043. Martin H: Therapeutische Erfahrungen bei Autoimmunkrankheiten.

Z Ges Inn Med 24:536-44, 15 Aug 69 (Ger)  
\*ACTINOMYCIN, therapeutic use/  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, drug therapy/  
\*AUTOIMMUNE DISEASES, drug therapy/  
ENGLISH ABSTRACT/ FEMALE/  
GRANULOMA, LETHAL MIDLINE, drug  
therapy/ HUMAN/ MALE/  
\*MERCAPTOPYRINE, therapeutic use/  
MIDDLE AGE/ \*PREDNISONE, therapeutic  
use/ PURPURA, THROMBOPENIC, drug  
therapy/ THROMBOPENIA, drug therapy

4044. Martin JP: Etat des connaissances actuelles sur la molécule gamma-M.

Ann Biol Clin (Paris) 27:587-610, Oct-Dec 69 (137 ref.)  
(Fre)  
ANTIGEN-ANTIBODY REACTIONS/



# AUTHOR SECTION

- BIOPHYSICS/ CHYMOTRYPSIN/ ENGLISH  
ABSTRACT/ GAMMA GLOBULIN, 7S/  
\*GAMMA GLOBULIN, 19S/ GAMMA  
GLOBULIN, 19S, analysis/ GAMMA  
GLOBULIN, 19S, biosynthesis/ GAMMA  
GLOBULIN, 19S, metabolism/ MOLECULAR  
WEIGHT/ OLIGOSACCHARIDES, analysis/  
OXIDATION-REDUCTION/ PAPAIN/ PEPsin/  
PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/  
REVIEW/ TRYPSIN
4045. Martin K: The effect of proteolytic enzymes on  
acetylcholinesterase activity, the sodium pump and  
choline transport in human erythrocytes.  
Biochim Biophys Acta 203:182-4, 17 Mar 70  
\*ACETYLCHOLINESTERASE, metabolism/  
AGGLUTINATION/ ANTIBODIES/ ANTIGENS/  
BIOLOGICAL TRANSPORT, drug effects/  
CARBON ISOTOPES/ \*CHOLINE, metabolism/  
CHYMOTRYPSIN, pharmacodynamics/  
DEPRESSION, CHEMICAL/ ERYTHROCYTES,  
drug effects/ ERYTHROCYTES, enzymology/  
\*ERYTHROCYTES, metabolism/ HUMAN/  
MONKEYS/ OUABAIN, pharmacodynamics/  
\*PEPTIDE HYDROLASES, pharmacodynamics/  
\*SODIUM, metabolism/ TIME FACTORS/  
TRYPSIN, pharmacodynamics
4046. Martin M, Schoop W, Zeitler E: Streptokinase in  
chronic arterial occlusive disease.  
JAMA 211:1169-73, 16 Feb 70  
AORTA, ABDOMINAL/ AORTIC DISEASES,  
drug therapy/ AORTIC DISEASES,  
radiography/ CHRONIC DISEASE/  
FOLLOW-UP STUDIES/ HUMAN/ ILIAC  
ARTERY/ ILIAC ARTERY, radiography/  
MALE/ MIDDLE AGE/ PLASMINOGEN,  
analysis/ STREPTOKINASE, administration &  
dosage/ STREPTOKINASE, adverse effects/  
\*STREPTOKINASE, therapeutic use/  
\*THROMBOSIS, drug therapy
4047. Martin MM: The biochemical basis of the fungus-attine  
ant symbiosis. Science 169:16-20, 3 Jul 70  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS/  
\*ANTS, metabolism/ \*BASIDIOMYCETES,  
metabolism/ \*CARBON, metabolism/ \*CASEIN,  
metabolism/ \*CULTURE MEDIA/ \*ECOLOGY/  
\*FECEs, enzymology/ \*NITROGEN,  
metabolism/ \*PEPTIDE HYDROLASES,  
metabolism/ \*PEPTONES, metabolism/  
\*PROTEIN HYDROLYSATES, metabolism/  
\*SYMBIOSIS
4048. Martin TJ, Best JD, Melick RA: Degradation of  
calcitonin by homologous thyroid acid proteinase.  
Endocrinology 86:447-9, Feb 70  
ANIMAL EXPERIMENTS/ BUFFERS/  
CALCIUM, blood/ CHEMISTRY/ IODINE  
ISOTOPES/ \*PEPTIDE HYDROLASES/ RATS/  
SERUM ALBUMIN, BOVINE/ SWINE/  
\*THYROCALCITONIN/ THYROID GLAND,  
enzymology/ TRICHLOROACETIC ACID
4049. Martin TJ, Melick RA, de Luise M: The effect of  
nephrectomy on the metabolism of labelled  
parathyroid hormone. Clin Sci 37:137-42, Aug 69  
ANIMAL EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY/ COMPUTERS/ DOGS/  
ELECTROPHORESIS/ FEMALE/ HEMOSTASIS/  
INJECTIONS, INTRAVENOUS/ IODINE  
ISOTOPES/ KIDNEY, physiology/ MALE/  
\*METABOLIC CLEARANCE RATE/  
\*NEPHRECTOMY/ \*PARATHYROID  
HORMONE, metabolism/ RATS/ RENAL  
ARTERY
4050. Martinazzi M, Carnevali L, Zappalà G, et al: Emopolesi  
ed ormoni sessuali. II. La leucopolesi e la  
plastrinopolesi nel topo portatore di leydiglioma  
sperimentale da dietilstilbestrolo.  
Boll Soc Ital Biol Sper 46:104-7, 15 Feb 70 (Ita)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ CASTRATION/  
\*DIETHYLSTILBESTROL/ \*HEMATOPOIESIS,  
drug effects/ \*LEUKOCYTE COUNT/  
\*LEYDIG CELL TUMOR, chemically induced/  
MICE/ \*NEOPLASMS, EXPERIMENTAL,  
chemically induced/ \*SEX HORMONES,  
pharmacodynamics
4051. Martini E, Chiesa F, Oberosier R, et al: The endocellular  
distribution and the enzymatic oxidation and  
reduction of the liposoluble neutral fractions (LNF)  
acting on the blood pressure.  
Enzymologia 38:189-99, 31 Mar 70  
AMOBARBITAL/ ANIMAL EXPERIMENTS/  
BISHYDROXYCOUMARIN/ \*BLOOD  
PRESSURE, drug effects/ CARBON DIOXIDE/  
CATS/ DEPRESSION, CHEMICAL/  
DINITROPHENOLS/ FREEZING/ GUINEA  
PIGS/ \*LIVER, cytology/ \*LIVER EXTRACTS/  
MALE/ MICROSOMES, LIVER, analysis/  
MITOCHONDRIA, LIVER, analysis/ NAD/  
OXIDATION-REDUCTION/ RATS/  
STIMULATION, CHEMICAL/ SUCCINATES
4052. Martonosi A: The protein composition of sarcoplasmic  
reticulum membranes.  
Biochem Biophys Res Commun 36:1039-44, 10 Sep 69  
ACRYLATES/ \*ADENOSINE  
TRIPHOSPHATASE, analysis/ ANIMAL  
EXPERIMENTS/ BINDING SITES/  
BIOLOGICAL TRANSPORT, ACTIVE/  
CALCIUM, metabolism/ ELECTROPHORESIS/  
ELECTROPHORESIS, DISK/ \*ENDOPLASMIC  
RETICULUM, analysis/ ENDOPLASMIC  
RETICULUM, enzymology/ GELS/  
\*MEMBRANES, analysis/ MEMBRANES,  
enzymology/ METHODS/ MICROSOMES,  
enzymology/ \*MUSCLE PROTEINS, analysis/  
MUSCLES, analysis/ \*MUSCLES, cytology/  
MUSCLES, enzymology/ PHOSPHORUS  
ISOTOPES/ RABBITS/ TRYPSIN
4053. Marty AT, Zwelfach BW: The high oncotic pressure  
effects of dextrans.  
Arch Surg (Chicago) 101:421-4, Sep 70  
BLOOD PROTEINS/ COMPARATIVE STUDY/  
\*DEXTRAN/ DEXTRAN, therapeutic use/  
HEPARIN/ HUMAN/ MOLECULAR WEIGHT/  
\*OSMOSIS/ OSMOTIC PRESSURE/ SHOCK,  
HEMORRHAGIC, therapy
4054. Marty G: Trois observations de cure chirurgicale  
tardive de synéchies. Retour des règles. Grossesse.  
Bull Fed Gynec Obstet Franc 22:113-4, Jan-Mar 70  
(Fre)  
\*ADHESIONS, surgery/ ADULT/  
AMENORRHEA, etiology/ FEMALE/ HUMAN/  
PREGNANCY/ \*UTERINE DISEASES, surgery
4055. Marty G: Fibrinolyse par infarctus utérin après  
ligature des trompes.  
Bull Fed Gynec Obstet Franc 21:540-1, Nov-Dec 69  
(Fre)  
ADULT/ \*FALLOPIAN TUBES, surgery/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
HYSTERECTOMY/ INFARCTION,  
complications/ PREGNANCY/ PREGNANCY  
COMPLICATIONS/ \*UTERUS, blood supply
4056. Martyniuk IO: Vlianie pishchevykh zhirov na  
aktivnost' lipoproteidnoi lipazy pri ozhireni.  
Vrach Delo 9:136-7, Sep 69  
(Rus)  
ADOLESCENCE/ ADULT/ \*DIETARY FATS,  
metabolism/ FEMALE/ HUMAN/  
\*LIPOPROTEIN LIPASE, metabolism/ MALE/  
MIDDLE AGE/ \*OBESITY, enzymology
4057. Martynov IuS, Chekneva NS, Tsvil'ko VS: O klinike i  
patogeneze porazhenii nervnoi sistemy pri  
trombozakh legochnoi arterii.  
Zh Nevropat Psikhiat Korsakov 69:1132-7, 1969 (Rus)  
ADULT/ AGED/ ANTICOAGULANTS,  
therapeutic use/ BRAIN, pathology/  
CEREBROVASCULAR DISORDERS, diagnosis/  
\*CEREBROVASCULAR DISORDERS, etiology/  
CONVULSIONS, etiology/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
FEMALE/ FIBRINOLYSIS, therapeutic use/  
HUMAN/ MALE/ MIDDLE AGE/  
\*NEUROLOGIC MANIFESTATIONS/  
\*PULMONARY ARTERY/ PULMONARY  
EMBOLISM, complications/ \*PULMONARY  
EMBOLISM, diagnosis/ PULMONARY  
EMBOLISM, drug therapy/ PULMONARY  
EMBOLISM, pathology/ THROMBOSIS,  
complications/ THROMBOSIS, diagnosis/  
THROMBOSIS, drug therapy/ THROMBOSIS,  
etiology/ THROMBOSIS, pathology



## AUTHOR SECTION

4058. Martynov Sm, Gromnatskii NI: O roli beta-lipoproteinemil v razvitii nespetsificheskoi agglutinatsii (agregatsii) trombocitov. Probl Gemat 14:24-8, Oct 69 (Rus)  
AGGLUTINATION TESTS/ \*BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ \*HYPERLIPEMIA, complications/ IN VITRO/ \*LIPOPROTEINS, blood/ METHODS/ \*PURPURA, THROMBOPENIC, etiology/ \*THROMBOPENIA, etiology
4059. Martynov SM, Monastyrskii VA: O roli vnutrisosudistogo tromboobrazovaniia v mekhanizme razvitiia ishemii pochech pri nesovmestimoj gemotransfuzii. (Experimentalnoe issledovanie) Probl Gemat 12:23-6, Sep 67 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ \*BLOOD GROUP INCOMPATIBILITY/ \*BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ HEMOLYSIS/ \*HEPARIN, therapeutic use/ ISCHEMIA, etiology/ KIDNEY DISEASES, etiology/ RABBITS/ \*THROMBOSIS, prevention & control
4060. Marushige K, Ling V, Dixon GH: Phosphorylation of chromosomal basic proteins in maturing trout testis. J Biol Chem 244:5953-8, 10 Nov 69  
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ DNA, metabolism/ GEL FILTRATION/ HISTONES, biosynthesis/ HISTONES, isolation & purification/ \*HISTONES, metabolism/ IN VITRO/ LYSINE, metabolism/ MALE/ METHODS/ NUCLEOPROTEINS, metabolism/ \*PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PROTAMINES, isolation & purification/ \*PROTAMINES, metabolism/ \*SALMONIDAE, metabolism/ SEX CHROMATIN, metabolism/ SPERMATOZOA, metabolism/ TESTIS, cytology/ TESTIS, growth & development/ \*TESTIS, metabolism/ TRITIUM
4061. Marusyk RG, Norrby E, Lundqvist U: Biophysical comparison of two canine adenoviruses. J Virol 5:507-12, Apr 70  
\*ADENOVIRUS/ ADENOVIRUS, immunology/ ANTIGENS, analysis/ ANTIGENS, isolation & purification/ CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ CESIUM/ CHLORIDES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HEMAGGLUTININS, VIRAL, analysis/ HEMAGGLUTININS, VIRAL, isolation & purification/ \*HEPATITIS VIRUS, INFECTIOUS/ HEPATITIS VIRUS, INFECTIOUS, immunology/ IMMUNE SERUMS/ MICROSCOPY, ELECTRON/ SUCROSE/ TRYPSIN, metabolism
4062. Marx R, Matis P: Zur Hämotherapie mit einem Antithrombin-Antiplasmin-Konzentrat aus Humanplasma (alpha2-Makroglobulin-Konzentrat) Med Welt 50:2718-22, 13 Dec 69 (Ger)  
ALPHA GLOBULIN, therapeutic use/ \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*ANTITHROMBIN, therapeutic use/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ FIBRINOLYSIS/ HUMAN/ \*MACROGLOBULINS, therapeutic use/ THROMBIN, analysis/ THROMBOPLASTIN, analysis
4063. Masal'skaia EI: Aktivnost' nektorykh pankreaticheskikh fermentov v moche nedonoshennykh detei. Vop Okhr Materin Dets 14:81, Sep 69 (Rus)  
\*AMYLASE, urine/ HUMAN/ \*INFANT, NEWBORN/ \*PEPTIDE PEPTIDOHYDROLASES, urine
4064. Maslar P: On hemoglobin. XXVI. Hemoglobin of hedgehog (Erinaceus romanicus). I. Comp Biochem Physiol 33:697-703, 1 Apr 70  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ GELS/ \*HEMOGLOBIN, analysis/ HISTIDINE, analysis/ HUMAN/ \*INSECTIVORA/ MICE/ PEPTIDES, analysis/ PRIMATES/ SOLUBILITY/ SPECIES SPECIFICITY/ TRYPSIN/ TYROSINE, analysis
4065. Masik MG, Potapov BA, Kropel'nitskaia MV: Sostoiannie svertyvalushchei sistemy krovi pri lechenii bol'nykh sakharnym diabetom. Vrach Delo 10:21-4, Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION/ DIABETES MELLITUS, blood/ \*DIABETES MELLITUS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*INSULIN, therapeutic use/ MALE/ MIDDLE AGE/ \*SULFANILAMIDE, therapeutic use/ THROMBELASTOGRAPHY/ THROMBOEMBOLISM, prevention & control
4066. Masironi R: Los factores dietéticos y la cardiopatía coronaria. Bol Ofic Sanit Panamer 68:510-25, Jun 70 (Spa)  
ADULT/ AGE FACTORS/ \*ARTERIOSCLEROSIS, etiology/ \*DIET, ATHEROGENIC/ DIETARY FATS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS
4067. Maslow DE: Electrokinetic surfaces of trypsin-dissociated embryonic chick liver cells. Exp Cell Res 61:266-70, Aug 70  
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ CHROMIUM ISOTOPES/ ELECTROPHORESIS/ IN VITRO/ LIVER, drug effects/ \*LIVER, metabolism/ TIME FACTORS/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics
4068. Mason BJ: Circulating anticoagulant to factor 8 associated with rheumatoid arthritis. Brit Med J 4:726-7, 20 Dec 69  
ANEMIA, complications/ \*ANTICOAGULANTS, blood/ \*ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, complications/ AUTOPSY/ \*FACTOR VIII, antagonists & inhibitors/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ MIDDLE AGE/ PURPURA, complications
4069. Mason GR, Dietrich P, Friedland GW, et al: The radiological findings in radiation-induced enteritis and colitis. A review of 30 cases. Clin Radiol 21:232-47, Jul 70  
ADENOCARCINOMA, radiotherapy/ ADHESIONS, radiography/ ADULT/ AGED/ BARIUM SULFATE, diagnostic use/ CARCINOMA, radiotherapy/ CARCINOMA, TRANSITIONAL CELL, radiotherapy/ CERVIX NEOPLASMS, radiotherapy/ COLITIS, etiology/ \*COLITIS, radiography/ DIAGNOSIS, DIFFERENTIAL/ DIVERTICULITIS, etiology/ ENTERITIS, etiology/ \*ENTERITIS, radiography/ FEMALE/ HUMAN/ INTESTINAL MUCOSA, radiography/ INTESTINE, SMALL, radiography/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, radiotherapy/ \*RADIATION INJURY, radiography/ RADIOOTHERAPY, adverse effects
4070. Mason RG, Scarborough DE, Saba SR, et al: Thrombogenicity of some biomedical materials: platelet-interface reactions. J Biomed Mat Res 3:615-44, Dec 69  
ACRYLATES/ ADENINE NUCLEOTIDES/ ADSORPTION/ \*BIOMEDICAL ENGINEERING/ \*BLOOD COAGULATION/ \*BLOOD PLATELETS/ COLLAGEN/ HEMOGLOBIN/ HEPARIN/ HUMAN/ IN VITRO/ MICROSCOPY, ELECTRON/ POLYETHYLENES/ \*POLYMERS/ POLYVINYLS/ RUBBER
4071. Masouredis SP, Roseth DR, Stelloh RT, et al: Development of an automated blood inventory and information system for a regional transfusion service. Transfusion 10:182-93, Jul-Aug 70  
\*AUTOMATIC DATA PROCESSING,



## AUTHOR SECTION

- manpower/ \*BLOOD BANKS/ \*BLOOD PRESERVATION/ COSTS AND COST ANALYSIS/ \*INFORMATION RETRIEVAL SYSTEMS
4072. Massie WK: Chemonucleolysis. Editorial comment. Clin Orthop 67:2-5, Nov-Dec 69  
\*BACKACHE/ HUMAN/ \*INTERVERTEBRAL DISK DISPLACEMENT/ \*PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ \*SCIATICA
4073. Massini P: Specific activity of 14C-labelled serotonin released from human blood platelets. Experientia 26:87-8, 15 Jan 70  
ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ HUMAN/ SEROTONIN, blood/ \*SEROTONIN, metabolism
4074. Massoulié J, Rieger F: L'acétylcholinestérase des organes électriques de poissons (torpille et gymnote); complexes membranaires. Europ J Biochem 11:441-55, Dec 69 (Fre)  
\*ACETYLCHOLINESTERASE/ ANIMAL EXPERIMENTS/ AUTOLYSIS/ BENZOATES/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHEMISTRY/ CHYMOTRYPSIN/ \*EELS/ \*ELECTRIC ORGAN, enzymology/ ENGLISH ABSTRACT/ FREEZING/ HYDROGEN-ION CONCENTRATION/ KINETICS/ \*MEMBRANES, enzymology/ MERCURY/ OSMOLAR CONCENTRATION/ PEPSIN/ \*SHARKS/ SUCROSE/ TOLUENE/ TRYPSIN
4075. Massoulié J, Rieger F, Bon S: Relations entre les complexes moléculaires de l'acétylcholinestérase. C R Acad Sci [D] (Paris) 270:1837-40, 6 Apr 70 (Fre)  
ACETYLCHOLINESTERASE, analysis/ ACETYLCHOLINESTERASE, isolation & purification/ \*ACETYLCHOLINESTERASE, metabolism/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTRIC ORGAN, analysis/ FISHES/ TRYPSIN, pharmacodynamics
4076. Mast WH: Splenic flexure traction syndrome. Role of the greater omentum. Int Surg 53:363-7, May 70  
ABDOMEN, surgery/ \*ADHESIONS, complications/ ADHESIONS, diagnosis/ ADHESIONS, prevention & control/ ADULT/ CHRONIC DISEASE/ COLON, surgery/ COLONIC DISEASES, diagnosis/ \*COLONIC DISEASES, etiology/ COLONIC DISEASES, prevention & control/ COLONIC DISEASES, surgery/ FEMALE/ HUMAN/ \*INTESTINAL OBSTRUCTION, etiology/ MALE/ MIDDLE AGE/ \*OMENTUM, surgery/ PAIN, etiology/ \*POSTOPERATIVE COMPLICATIONS
4077. Matanić V: Neuzeltliche perorale Therapie des varikösen Symptomenkomplexes. Z Haut Geschlechtskr 44:735-41, 15 Sep 69 (Ger)  
ADULT/ AESCULUS, administration & dosage/ \*AESCULUS, therapeutic use/ AGED/ CAPILLARY PERMEABILITY/ ERGOT ALKALOIDS, administration & dosage/ \*ERGOT ALKALOIDS, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN CONSUMPTION/ RUTIN, administration & dosage/ \*RUTIN, therapeutic use/ TABLETS/ \*VARICOSE ULCER, drug therapy/ \*VARICOSE VEINS, drug therapy
4078. Matchett A: Use of cell cultures in vaccine production: diploid and stable cell cultures. J Amer Vet Med Ass 156:1791-4, 15 Jun 70  
ANIMAL EXPERIMENTS/ CELL LINE/ CLONE CELLS, drug effects/ \*DIPLOIDY/ FREEZING/ GUINEA PIGS/ HAMSTERS/ HUMAN/ KIDNEY/ METHODS/ MICE/ MONKEYS/ PRESERVATION, BIOLOGICAL/ RABBITS/ TESTIS/ \*TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ VACCINES, standards/ \*VIRAL VACCINES/ VIRUS CULTIVATION/ \*VIRUS CULTIVATION/ VIRUS REPLICATION
4079. Matheson NA: The microcirculation in shock. Postgrad Med J 45:530-3, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD CIRCULATION/ BLOOD VISCOSITY/ CAPILLARIES, physiopathology/ DEXTRAN, therapeutic use/ HUMAN/ RABBITS/ \*SHOCK, physiopathology/ SHOCK, therapy
4080. Mathew NT, Abraham J, Chandy J: Late complications of hemispherectomy: report of a case relieved by surgery. J Neurol Neurosurg Psychiat 33:372-5, Jun 70  
ADOLESCENCE/ \*ANGIOMATOSIS, surgery/ \*BRAIN, surgery/ CEREBRAL ANGIOGRAPHY/ \*CEREBRAL HEMORRHAGE, etiology/ CEREBROSPINAL FLUID SHUNTS/ FEMALE/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ VENTRICULOGRAPHY
4081. Matis P: Symposium über neue Aspekte der Trasylol-Therapie. München, 20-21. Oktober 1969. Med Welt 52:2812-6, Dec 69 (Ger)  
ADHESIONS, prevention & control/ EMBOLISM, FAT, prevention & control/ HUMAN/ JOINT DISEASES, drug therapy/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control
4082. Matis P, Mörl FK: Einfluss von Trasylol auf Thromboembolie und Wundheilung. Langenbecks Arch Chir 325:364-9, 1969 (Ger)  
ENGLISH ABSTRACT/ HEMORRHAGE, prevention & control/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEG, blood supply/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ REGIONAL BLOOD FLOW/ \*THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ \*WOUND HEALING, drug effects
4083. Matloff JM, Matloff DB: Acute aortic dissection due to cystic necrosis. Four cases of emergency replacement of the ascending aorta with survival. Arch Surg (Chicago) 101:8-13, Jul 70  
ADULT/ \*AORTA, THORACIC/ \*AORTIC ANEURYSM, etiology/ AORTIC ANEURYSM, radiography/ \*AORTIC DISEASES, complications/ \*BLOOD VESSEL PROSTHESIS/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HEMOSTASIS/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY
4084. Matoušek J, Petrovská E: Antifertilizing effect of the seminal vesicle fluid of bulls on females. J Reprod Fertil 20:189-92, Oct 69  
ANIMAL EXPERIMENTS/ CATTLE/ CHICKENS/ CHYMOTRYPSIN, pharmacodynamics/ FEMALE/ \*FERTILITY/ MALE/ ORGAN WEIGHT/ OVARY, anatomy & histology/ PAPAIN, pharmacodynamics/ PROTEINS, analysis/ \*SEMEN/ SEMEN, analysis/ \*SEMINAL VESICLES/ TISSUE EXTRACTS
4085. Matras H: Die Wirkungen verschiedener Fibrinpräparate auf Kontinuitätstrennungen der Rattenhaut. Oest Z Stomat 67:338-59, Sep 70 (Ger)  
ANIMAL EXPERIMENTS/ CATTLE/ FIBRIN FILM AND FOAM, pharmacodynamics/ GRANULATION TISSUE, drug effects/ \*HEMOSTATICS, pharmacodynamics/ RATS/ \*SKIN, transplantation/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY/ \*WOUND HEALING, drug effects
4086. Matschner JT: Characterization of vitamin K from the contents of bovine rumen. J Nutr 100:190-2, Feb 70  
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ INTESTINAL ABSORPTION/ LIVER, metabolism/ METHODS/ \*RUMEN/ RUMEN, microbiology/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ ULTRACENTRIFUGATION/



# AUTHOR SECTION

ULTRAVIOLET RAYS/ \*VITAMIN K, analysis/  
VITAMIN K, isolation & purification

FLUORESCENT DYES/ \*FUNDUS OCULI/  
\*HEMANGIOMA, diagnosis/ HUMAN/ MALE/  
PHOTOGRAPHY

4087. Matschner JT, Bell RG, Amelotti JM, et al: Isolation and characterization of a new metabolite of phyloquinone in the rat.  
Biochim Biophys Acta 201:309-15, 24 Feb 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ LIVER, metabolism/ MALE/ MYOCARDIUM, metabolism/ PHYTONADIONE, metabolism/ RATS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ TRITIUM/ ULTRAVIOLET RAYS/ VITAMIN K, metabolism/ WARFARIN, pharmacodynamics

4088. Matsubara H, Sasaki RM, Tsuchiya DK, et al: The amino acid sequence of Chromatium ferredoxin.  
J Biol Chem 245:2121-31, 25 Apr 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BACTERIA, enzymology/ \*CHROMATIUM/ CHYMOTRYPSIN/ \*FERREDOXINS, analysis/ IRON/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ SULFIDES

4089. Matsubara T, Araki K: [Determination of unsaturated iron-binding capacity using "Irosorb-59"]  
Saishin Igaku 24:2340-6, Nov 69 (Jap)  
HEPARIN, pharmacodynamics/ HUMAN/ ION EXCHANGE RESINS/ IONS/ \*IRON, blood/ IRON, pharmacodynamics/ IRON ISOTOPES/ METHODS/ SPECTROPHOTOMETRY/ TRANSFERRIN

4090. Matsucka M: Intravascular coagulation syndrome.  
Biorheology 6:248, Jan 70  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, physiopathology/ DEXTRAN/ HEMORRHAGE, etiology/ HUMAN/ RABBITS/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

4091. Matsuhara Y: [Hormone sensitive lipase]  
Folia Endocr Jap 46:163-75, 20 May 70 (Jap)  
ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYME ACTIVATION, drug effects/ EPIDIDYMIIS, enzymology/ EPINEPHRINE, pharmacodynamics/ FASTING/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIPASE, analysis/ \*LIPASE, antagonists & inhibitors/ LIPASE, metabolism/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, metabolism/ MALE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics

4092. Matsui M: [Review on the retina in 1968. Retinal vascular diseases]  
Ophthalmology (Tokyo) 12:1-24, Jan 70 (206 ref.) (Jap)  
DIABETIC RETINOPATHY, diagnosis/ DIABETIC RETINOPATHY, pathology/ DIABETIC RETINOPATHY, therapy/ ELECTRORETINOGRAPHY/ EYE DISEASES/ FLUORESCENT DYES/ FUNDUS OCULI/ HEMANGIOMA, pathology/ HEMORRHAGIC DIATHESIS, physiopathology/ HUMAN/ HYPERTENSION, complications/ PHOTOGRAPHY/ RETINAL HEMORRHAGE, physiopathology/ \*RETINAL VESSELS/ RETINAL VESSELS, pathology/ RETINAL VESSELS, physiology/ REVIEW/ VASCULAR DISEASES, diagnosis

4093. Matsumoto K: [Case of hemangioma of the choroid diagnosed by fluorescent fundus photography]  
Ophthalmology (Tokyo) 11:650-6, Aug 69 (Jap)  
ADULT/ \*CHOROID NEOPLASMS, diagnosis/

4094. Matsumoto S: Recent progress on systemic contraceptives.  
Acta Obstet Gynaec Jap 17:211-9, Jul 70 (21 ref.)  
BLOOD COAGULATION, drug effects/ CERVIX UTERI, drug effects/ CONTRACEPTIVE AGENTS/ \*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, administration & dosage/ ESTROGENS, adverse effects/ FEMALE/ HEADACHE, chemically induced/ HUMAN/ HYPERTENSION, chemically induced/ PREGNANCY/ PROGESTATIONAL HORMONES, administration & dosage/ PROGESTATIONAL HORMONES, adverse effects/ REVIEW/ SKIN DISEASES, chemically induced/ THROMBOEMBOLISM, chemically induced

4095. Matsumoto T, Heisterkamp CA 3d: Long-term study of aerosol cyanoacrylate tissue adhesive spray: carcinogenicity and other untoward effects.  
Amer Surg 35:825-7, Nov 69  
\*ACRYLATES, adverse effects/ AEROSOLS/ ANIMAL EXPERIMENTS/ \*CARCINOGENS/ DOGS/ HEMOSTATICS, adverse effects/ MICE/ RATS/ \*TISSUE ADHESIVES, adverse effects

4096. Matsumura T, Hutt MP, Kaulla KN von: Urinary procoagulant excretion and its relation to kidney function. Nephron 7:165-77, 1970  
ADULT/ \*BLOOD COAGULATION FACTORS, urine/ BLOOD UREA NITROGEN/ CREATININE, blood/ FEMALE/ HEMORRHAGIC DIATHESIS, metabolism/ HUMAN/ \*KIDNEY, physiology/ KIDNEY, transplantation/ KIDNEY CONCENTRATING ABILITY/ KIDNEY DISEASES, metabolism/ MALE/ PROTEINURIA/ THROMBOEMBOLISM, metabolism/ UREMIA, metabolism

4097. Matsumura T, Iwase S: [Symptoms seen in newborn infants] Sanfujin Jissai 18:728-42, Aug 69 (Jap)  
CYANOSIS, diagnosis/ DEATH, SUDDEN/ DIAGNOSIS, DIFFERENTIAL/ DIARRHEA, INFANTILE, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, diagnosis/ JAUNDICE, NEONATAL, diagnosis/ RESPIRATORY DISTRESS SYNDROME, diagnosis/ SPASM, diagnosis

4098. Matsuo T: Pathophysiological studies on postallimentary lipemia in coronary sclerosis by means of electrocardiogram. Jap Circ J 33:713-23, Jul 69  
ADOLESCENCE/ ANGINA PECTORIS, physiopathology/ CHYLOMICRONS/ CORONARY DISEASE, complications/ \*CORONARY DISEASE, physiopathology/ DIETARY FATS, pharmacodynamics/ \*ELECTROCARDIOGRAPHY/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERLIPEMIA, complications/ HYPERLIPEMIA, etiology/ \*HYPERLIPEMIA, physiopathology/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, physiopathology/ OXYGEN, blood/ OXYGEN CONSUMPTION/ PROTACTINIUM/ TIME FACTORS

4099. Matsuo M: [Blood coagulation and hemostasis]  
Jap J Clin Path 16:Suppl 16:1-9, 1969 (18 ref.) (Jap)  
\*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, physiology/ BLOOD VESSELS, physiology/ CAPILLARY PERMEABILITY/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMORRHAGE, physiopathology/ \*HEMOSTASIS/ HUMAN/ REVIEW

4100. Matsuo M: [Symposium on the introduction of



# AUTHOR SECTION

- rheology into internal medicine. Blood coagulation in rheology]  
J Jap Soc Intern Med 58:1344-50, 10 Dec 69 (Jap)  
ADOLESCENCE/ ADULT/ ANIMAL  
EXPERIMENTS/ \*BLOOD COAGULATION/  
CHILD/ FEMALE/ HUMAN/ LEUKEMIA,  
MYELOBLASTIC, blood/ MALE/ MIDDLE  
AGE/ RABBITS/ \*RHEOLOGY/ THROMBIN,  
analysis/ THROMBOPLASTIN, analysis/ TIME  
FACTORS
4101. Matsuoka M: [The effect of the collagen and the aorta extract on the platelet aggregation]  
Acta Haemat Jap 32:52-7, Feb 69 (Jap)  
\*BLOOD PLATELETS/ \*COLLAGEN/ ENGLISH  
ABSTRACT/ PLATELET ADHESIVENESS/  
TIME FACTORS
4102. Matsuoka M, Sakuragawa N: Some observations on the fibrinolytic activity of blood corporeal elements and vessel walls. Acta Med Biol (Nigata) 17:231-5, Dec 69  
AORTA, analysis/ \*BLOOD CELLS, analysis/  
\*BLOOD VESSELS, analysis/ FIBRIN FILM  
AND FOAM/ FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ HUMAN/ LEUKEMIA, blood/  
THROMBIN, analysis
4103. Matsuoka M, Sakuragawa N, Shimaoka M: Studies on fibrinolytic activities in pathologic cells of various types of leukemia.  
Acta Med Biol (Nigata) 17:251-7, Mar 70  
ADOLESCENCE/ ADULT/ AGED/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ LEUKEMIA,  
pathology/ \*LEUKEMIA, physiopathology/  
LEUKEMIA, LYMPHOCYTIC, physiopathology/  
LEUKEMIA, MYELOCYTIC, physiopathology/  
MALE/ MIDDLE AGE
4104. Matsuoka S: [Hemophilia and other hemophilia-like diseases]  
Jap J Clin Med 28:Suppl:1014-5, 25 Mar 70 (Jap)  
\*BLOOD COAGULATION DISORDERS,  
therapy/ BLOOD TRANSFUSION/  
FIBRINOGEN, therapeutic use/ HEMOPHILIA,  
blood/ \*HEMOPHILIA, therapy/ HUMAN/  
PROTHROMBIN, therapeutic use
4105. Matsushima A, Inada Y, Shibata K: Tyrosine, histidine and tryptophan residues in TPCK-modified chymotrypsin.  
J Biochem (Tokyo) 66:423-5, Sep 69  
AZOLES/ BIOCHEMISTRY/ \*CHYMOTRYPSIN/  
\*HISTIDINE/ HYDROGEN PEROXIDE/  
\*TRYPTOPHAN/ \*TYROSINE
4106. Matsushima S, Tezuka T: A simplified method for detecting fibrinogen and its derivatives by tanned red cell hemagglutination inhibition immune assay.  
Tohoku J Exp Med 99:327-30, Dec 69  
AFIBRINOGENEMIA, blood/ BLOOD/  
\*ERYTHROCYTES/ FEMALE/ \*FIBRINOGEN,  
analysis/ \*HEMAGGLUTINATION INHIBITION  
TESTS/ HUMAN/ IMMUNE SERUMS/  
MENSTRUATION/ METHODS/ PREGNANCY/  
PREGNANCY TESTS/ TANNINS/ UMBILICAL  
CORD
4107. Matsuura T, Nonaka T: [Blood transfusion during labor] Sanfujin Jissai 18:974-80, Oct 69 (Jap)  
\*BLOOD TRANSFUSION/ FEMALE/  
HEMOSTASIS/ HUMAN/ \*LABOR  
COMPLICATIONS, therapy/ PREGNANCY/  
\*UTERINE HEMORRHAGE, therapy
4108. Matsuyama H: [Inactivation of adrenocorticotrophic hormone (ACTH). I. Inactivation of ACTH in the normal human plasma, and relationship between the structure and stability of ACTH]  
Folia Endocr Jap 45:163-72, 20 May 69 (Jap)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ BIOLOGICAL ASSAY/  
BLOOD PRESERVATION/ CHEMISTRY/  
CORTICOSTERONE, blood/ \*CORTICOTROPIN,  
blood/ CORTICOTROPIN, chem synthesis/  
DRUG STABILITY/ ENGLISH ABSTRACT/  
FIBRINOLYSIS, pharmacodynamics/ HUMAN/  
HYPOPHYSECTOMY/ IN VITRO/ RATS/  
STREPTOKINASE, pharmacodynamics/ TIME  
FACTORS
4109. Matsuyama H: [Inactivation of adrenocorticotrophic hormone (ACTH). 3. Inactivation of ACTH by tissues]  
Folia Endocr Jap 45:181-8, 20 May 69 (Jap)  
ADIPOSE TISSUE, metabolism/ \*ADRENAL  
GLANDS, metabolism/ AMINOCAPROIC ACID,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
BRAIN, metabolism/  
CHLOROMERCURIBENZOATES,  
pharmacodynamics/ CORTICOTROPIN, chem  
synthesis/ \*CORTICOTROPIN, metabolism/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/ CYSTEINE,  
pharmacodynamics/ DINITROPHENOLS,  
pharmacodynamics/ ENGLISH ABSTRACT/  
FEMALE/ IN VITRO/ \*KIDNEY, metabolism/  
\*LIVER, metabolism/ LUNG, metabolism/  
MALE/ MICROSOMES, metabolism/  
MITOCHONDRIA, metabolism/ MUSCLES,  
metabolism/ PUROMYCIN, pharmacodynamics/  
RATS/ SPLEEN, metabolism/  
STREPTOKINASE, pharmacodynamics/ TIME  
FACTORS
4110. Matsuyama H, Ruhmann-Wennhold A, Nelson DH: Biologic and immunologic similarities between rat and human adrenocorticotropin (ACTH).  
Endocrinology 87:756-63, Oct 70  
ADRENAL GLANDS, blood supply/ ADRENAL  
GLANDS, secretion/ ANIMAL EXPERIMENTS/  
BIOLOGICAL ASSAY/ COMPARATIVE  
STUDY/ CORTICOTROPIN, blood/  
\*CORTICOTROPIN, blood/ CORTICOTROPIN,  
pharmacodynamics/ FIBRINOLYSIS/  
HYPOPHYSECTOMY/ IODINE ISOTOPES/  
PERIODIC ACIDS/ RADIOIMMUNOASSAY/  
RATS/ STRESS, blood/ TRYPSIN/ VEINS
4111. Matthes M: Plasmapherese zur Gewinnung gerinnungsaktiver Blutplasmafraktionen.  
Folia Haemat (Leipzig) 93:327-33, 1970 (Ger)  
BLOOD COAGULATION FACTORS, isolation &  
purification/ BLOOD DONORS/ BLOOD  
PROTEIN ELECTROPHORESIS/ BLOOD  
PROTEINS, analysis/ BLOOD TRANSFUSION,  
adverse effects/ \*HEPATITIS, HOMOLOGOUS  
SERUM, prevention & control/ HUMAN/  
IRON, blood/ \*PLASMAPHERESIS
4112. Mattioli C, Tomasi TB Jr: The human serum immunoglobulins. DM 1-35, Apr 70 (9 ref.)  
AGAMMAGLOBULINEMIA, immunology/  
AMYLOIDOSIS, immunology/ ANIMAL  
EXPERIMENTS/ ANTI-ANTIBODIES,  
biosynthesis/ BENCE JONES PROTEIN,  
secretion/ \*BLOOD PROTEIN DISORDERS/  
biosynthesis/ BENCE JONES PROTEIN,  
secretion/ \*BLOOD PROTEIN DISORDERS,  
complications/ BLOOD PROTEIN ELECTROPHORESIS/  
BLOOD VISCOSITY/ CRYOGLOBULINS/  
\*GAMMA GLOBULIN/ GAMMA GLOBULIN,  
isolation & purification/ GAMMA GLOBULIN,  
7S/ HUMAN/ HYPERSENSITIVITY, DELAYED  
immunology/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ \*IMMUNOLOGIC  
DEFICIENCY SYNDROMES/ LEUKEMIA,  
LYMPHOCYTIC, immunology/ LYMPHOMA,  
immunology/ MACROGLOBULINEMIA,  
immunology/ MACROGLOBULINS/ MICE/  
MULTIPLE MYELOMA, immunology/  
PEPTIDES, biosynthesis/ RABBITS/ REVIEW
4113. Matvienko LA: Elektronmikroskopisches  
Untersuchen trombotischer pri ostrom leikoze.  
Sovet Med 32:23-7, Dec 69 (Rus)  
ACUTE DISEASE/ \*BLOOD PLATELETS/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LEUKEMIA, blood/ MALE/ MICROSCOPY,  
ELECTRON
4114. Matz K, Schassan HH, Fuchs HJ: Die Differenzierung  
ausgewählter Staphylokokkenstämme unter  
Verwendung von Bakteriophagen.  
Arch Hyg Bakt 153:366-73, Aug 69 (Ger)  
\*BACTERIOPHAGE TYPING/ COAGULASE/  
CROSS INFECTION, etiology/ ENGLISH  
ABSTRACT/ GERMANY, WEST/ HUMAN/  
MICROBIAL SENSITIVITY TESTS/  
STAPHYLOCOCCAL INFECTIONS/



## AUTHOR SECTION

- STAPHYLOCOCCAL PHAGES/  
 \*STAPHYLOCOCCUS, classification/  
 STAPHYLOCOCCUS, enzymology/  
 STAPHYLOCOCCUS, isolation & purification
4115. **Mauel J, Rudolf H, Chapuis B, et al:** Studies of allograft immunity in mice. II. Mechanism of target cell inactivation in vitro by sensitized lymphocytes. *Immunology* 18:517-35, Apr 70  
 ANIMAL EXPERIMENTS/  
 \*ANTIGEN-ANTIBODY REACTIONS/  
 ANTIGENS/ ANTILYMPHOCYTE SERUM/  
 CALCIUM, metabolism/ CORTISONE/  
 CYCLOHEXIMIDE/ DNA, biosynthesis/  
 GUINEA PIGS/ IMMUNE SERUMS/  
 INBREEDING/ \*LYMPHOCYTES, immunology/  
 LYMPHOCYTES, metabolism/ LYMPHOCYTES, transplantation/ MAGNESIUM, metabolism/  
 MICE/ NEOPLASM TRANSPLANTATION/  
 PROTEINS, biosynthesis/ RABBITS/ RATS/  
 TRANSPLANTATION, HETEROLOGOUS/  
 TRANSPLANTATION, HOMOLOGOUS/  
 \*TRANSPLANTATION IMMUNOLOGY/  
 TRYPSIN
4116. **Maupin B, Schlumberger JR, Gasc JP, et al:** Apport de la cytochimie à l'hématologie comparée: sang des reptiles.  
 Nouv Rev Franc Hemat 9:663-6, Sep-Oct 69 (Fre)  
 ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ \*BLOOD CELLS, cytology/  
 BLOOD CELLS, enzymology/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/  
 ESTERASES, blood/ GLYCOGEN, analysis/  
 \*HISTOCYTOCHEMISTRY/ PEROXIDASES, blood/ \*REPTILES
4117. **Maurer E:** Die ambulante Behandlung mit Anticoagulation.  
 Internist (Berlin) 10:Suppl:33-5, Aug 69 (Ger)  
 AMBULATORY CARE/ \*ANTICOAGULANTS, therapeutic use/ HUMAN/ METHODS/  
 \*PROTHROMBIN TIME
4118. **Maurer HM, Valdes O, Shumway C MASS FS:** Plasma activity of antihemophilic globulin (AHG) and other coagulation factors in Swiss type of agammaglobulinemia. *Blood* 34:701-5, Nov 69  
 \*AGAMMAGLOBULINEMIA, blood/  
 ANTIGENS/ \*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CONSANGUINITY/ DIPHTHERIA TOXOID/ ESCHERICHIA COLI/ \*FACTOR VIII, biosynthesis/ HUMAN/  
 HYPERSENSITIVITY, DELAYED, diagnosis/  
 IMMUNOLOGIC DEFICIENCY SYNDROMES, blood/ INFANT, NEWBORN/ LEUKOCYTE COUNT/ LYMPHOCYTE TRANSFORMATION/  
 LYMPHOCYTES/ MALE/  
 RETICULOENDOTHELIAL SYSTEM, metabolism/ SKIN, transplantation/ TETANUS TOXOID
4119. **Maurer PH, Clark LG, Liberti PA:** Antigenicity of polypeptides (poly alpha amino acids): calcium-dependent and independent antibodies. *J Immun* 105:567-73, Sep 70  
 ALANINE/ ANIMAL EXPERIMENTS/  
 \*ANTIBODY FORMATION/  
 ANTIGEN-ANTIBODY COMPLEX, analysis/  
 ANTIGEN-ANTIBODY REACTIONS/  
 ANTIGENIC DETERMINANTS/ ANTIGENS/  
 \*CALCIUM, analysis/ CALCIUM, pharmacodynamics/ COMPLEMENT, analysis/  
 CROSS REACTIONS/ GLUTAMINE/  
 HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS, analysis/  
 IMMUNOELECTROPHORESIS/ LYSINE/  
 MERCAPTOETHANOL/ MICE/ \*PEPTIDES/  
 POLYMERS/ RABBITS/ SHEEP/ SPECIES SPECIFICITY/ TRYPSIN/ TYROSINE/  
 ULTRACENTRIFUGATION
4120. **Mauro R, Gargiulo F:** Considerazioni su di un caso di trombocitopenia in gravidanza.  
 Rass Int Clin Ter 48:478-82, 30 Apr 68 (Ita)  
 ADULT/ \*BLOOD PLATELET DISORDERS, physiopathology/ FEMALE/ HUMAN/ \*LIVER DISEASES, physiopathology/ PREGNANCY/  
 \*PREGNANCY COMPLICATIONS, HEMATOLOGIC, physiopathology/  
 SPLENECTOMY/ THROMBELASTOGRAPHY
4121. **Mauss HJ:** Essaven-Therapie bei der Schwangerschaftsvarikosis.  
 Med Welt 41:2270-3, 11 Oct 69 (Ger)  
 ADULT/ \*AESCULUS, therapeutic use/  
 BANDAGES/ \*CHOLINE, therapeutic use/  
 EDEMA, drug therapy/ FEMALE/ HUMAN/  
 MIDDLE AGE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ \*RUTIN, therapeutic use/  
 \*SCLEROSING SOLUTIONS, therapeutic use/  
 THROMBOPHLEBITIS, prevention & control/  
 \*VARICOSE VEINS, drug therapy/ VARICOSE VEINS, therapy
4122. **Mauss J, Gerkmann W, Petry R, et al:** A new method for studying the effect of drugs on the testes of rats. *Naunyn Schmiedeberg Arch Pharm* 266:195-8, 1970  
 ANIMAL EXPERIMENTS/ CELL COUNT/  
 CHYMOTRYPSIN/ EJACULATION/ ELECTRIC STIMULATION/ MALE/ METHODS/  
 PROSTATE, surgery/ RATS/ SEMEN, cytology/ SEMINAL VESICLES, surgery/  
 \*SPERMATOZOA/ \*TESTIS, drug effects
4123. **Mauvais-Jarvis P, Lignieres B de, Bercovici JP:** Les dangers de la contraception orale par les stéroïdes oestrogéniques.  
 Presse Med 77:1419-22, 4 Oct 69 (Fre)  
 BILE DUCTS, secretion/ BLOOD COAGULATION DISORDERS, etiology/  
 CARBOHYDRATES, metabolism/  
 \*CONTRACEPTIVES, ORAL, adverse effects/  
 ENDOMETRIUM, drug effects/ \*ESTROGENS, adverse effects/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/  
 HYPERTENSION, etiology/ LIPIDS, metabolism/ LIVER, drug effects/ LIVER, secretion/ OVARIAN NEOPLASMS, occurrence/ \*PROGESTERONE, adverse effects/ PROGESTERONE, pharmacodynamics/ SOMATOTROPIN, secretion/ THROMBOEMBOLISM, etiology/  
 THROMBOPHLEBITIS, etiology/ UTERINE NEOPLASMS, occurrence
4124. **Mavor GE:** Advances in the treatment of peripheral vascular disease.  
 Practitioner 203:468-82, Oct 69 (58 ref.)  
 ANGIOGRAPHY/ AORTIC ANEURYSM, surgery/ ARTERIOSCLEROSIS, complications/  
 ARTERIOSCLEROSIS, surgery/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/  
 CEREBROVASCULAR DISORDERS, mortality/  
 CEREBROVASCULAR DISORDERS, surgery/  
 EMBOLISM, surgery/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ LEG, blood supply/ MESENTERIC VASCULAR OCCLUSION, surgery/ REVIEW/  
 THROMBOPHLEBITIS, surgery/ VASCULAR DISEASES, radiography/ \*VASCULAR DISEASES, therapy/ \*VASCULAR SURGERY
4125. **Mavor GE:** Deep vein thrombosis: surgical management. *Brit Med J* 4:680-2, 13 Dec 69  
 FEMORAL VEIN/ HUMAN/ ILIAC VEIN/  
 POSTOPERATIVE COMPLICATIONS/  
 PULMONARY EMBOLISM, etiology/  
 PULMONARY EMBOLISM, surgery/  
 STREPTOKINASE, therapeutic use/  
 THROMBOPHLEBITIS, complications/  
 THROMBOPHLEBITIS, drug therapy/  
 \*THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR, surgery
4126. **Mavor GE, Galloway JM, Karmody AM:** The surgical aspects of deep vein thrombosis.  
 Proc Roy Soc Med 63:126-31, Feb 70  
 ADULT/ FEMALE/ FEMORAL VEIN, radiography/ FIBRINOLYTIC AGENTS, administration & dosage/ HUMAN/ ILIAC VEIN, radiography/ MALE/ PULMONARY EMBOLISM, complications/ STREPTOKINASE, administration & dosage/  
 THROMBOPHLEBITIS, complications/  
 THROMBOPHLEBITIS, drug therapy/



# AUTHOR SECTION

- \*THROMBOPHLEBITIS, surgery/ VENAE  
CAVAE, radiography
4127. May B: Dünndarmcarcinoid und hämorrhagische Diathese.  
Deutsch Med Wschr 95:1083-4, 8 May 70 (Ger)  
AGED/ \*CARCINOID TUMOR, complications/  
CARCINOID TUMOR, drug therapy/ FEMALE/  
\*HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ \*INTESTINAL NEOPLASMS,  
complications/ INTESTINAL NEOPLASMS,  
drug therapy/ INTESTINE, SMALL
4128. May B, Bak JJ, Böhle E, et al: Serotonin storage in the carcinoid syndrome.  
German Med Monthly 14:408-9, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, metabolism/ HUMAN/  
\*MALIGNANT CARCINOID SYNDROME,  
metabolism/ RABBITS/ \*SEROTONIN,  
metabolism
4129. Mayer G, Mayer S, Waltz R: L'action différente du facteur VIII (globuline antihémophilique) d'origine bovine ou humaine sur la consommation du facteur X pendant la coagulation.  
Rev Franc Etud Clin Biol 14:1028-31, Dec 69 (Fre)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ CATTLE/ ENGLISH  
ABSTRACT/ \*FACTOR VIII,  
pharmacodynamics/ FACTOR IX,  
pharmacodynamics/ FACTOR X, metabolism/  
\*FACTOR X, physiology/ FIBRINOGEN,  
physiology/ HEPARIN, physiology/ HUMAN/  
THROMBIN, physiology/ THROMBOPLASTIN,  
analysis
4130. Mayer G, Noel G, Kalogjera V, et al: Les inhibiteurs faibles du facteur VIII chez les hémophiles A.  
Blut 19:517-28, 1969 (Fre)  
ADOLESCENCE/ ADULT/ BARIUM,  
pharmacodynamics/ BLOOD COAGULATION/  
BLOOD COAGULATION TESTS/ BLOOD  
TRANSFUSION/ CHILD/ ENGLISH  
ABSTRACT/ EPINEPHRINE,  
pharmacodynamics/ \*FACTOR VIII, antagonists  
& inhibitors/ FEMALE/ \*HEMOPHILIA,  
therapy/ HUMAN/ MALE
4131. Mayer G, Noel G, Waltz R: Le rôle des inhibiteurs faibles du facteur VIII.  
Acta Haemat (Basel) 42:27-41, 1969 (Fre)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ BLOOD  
TRANSFUSION, adverse effects/ \*FACTOR  
VIII, antagonists & inhibitors/ FEMALE/  
HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ MALE/ MIDDLE AGE/ PENICILLIN,  
adverse effects/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC
4132. Mayer GD, Krueger RF: Tilorone hydrochloride: mode of action. Science 169:1214-5, 18 Sep 70  
ADMINISTRATION, ORAL/ ANIMAL  
EXPERIMENTS/ ANTIVIRAL AGENTS,  
administration & dosage/ \*ANTIVIRAL  
AGENTS, pharmacodynamics/ BLOOD/  
CARCINOMA/ CELL LINE/ DACTINOMYCIN,  
pharmacodynamics/ DIALYSIS/  
ENCEPHALOMYOCARDITIS VIRUSES, drug  
effects/ FLUORENES,  
administration & dosage/ \*FLUORENES,  
pharmacodynamics/ LARYNGEAL  
NEOPLASMS/ MICE/ RIBONUCLEASE/  
TRYPSIN/ VESICULAR STOMATITIS VIRUS,  
drug effects
4133. Mayne EE, Bridges JM, Weaver JA: Platelet adhesiveness, plasma fibrinogen and factor 8 levels in diabetes mellitus. Diabetologia 6:436-40, Aug 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ \*BLOOD PLATELETS/ BLOOD  
SUGAR, analysis/ CATARACT, complications/  
CHILD/ CORONARY DISEASE, blood/  
CORONARY DISEASE, complications/  
\*DIABETES MELLITUS, blood/ DIABETES  
MELLITUS, complications/ DIABETIC  
RETINOPATHY, blood/  
ELECTROCARDIOGRAPHY/ ENGLISH
- ABSTRACT/ \*FACTOR VIII, analysis/  
\*FIBRINOGEN, analysis/ HUMAN/  
HYPERTENSION, complications/ LIPIDS,  
blood/ MIDDLE AGE/ PLATELET  
ADHESIVENESS/ SEX FACTORS/ SURFACE  
PROPERTIES/ VASCULAR DISEASES,  
complications
4134. Mayne EE, Bridges JM, Weaver JA: The effect of dipyridamole on increased levels of platelet adhesiveness. Report of a controlled clinical trial.  
J Atheroscler Res 9:335-8, May-Jun 69  
ADULT/ AGED/ BLOOD PLATELET  
DISORDERS, blood/ \*BLOOD PLATELETS,  
drug effects/ CHOLESTEROL, blood/  
CLINICAL RESEARCH/ \*DIPYRIDAMOLE,  
pharmacodynamics/ FEMALE/ FIBRINOGEN,  
analysis/ HUMAN/ MALE/ MIDDLE AGE/  
PLATELET ADHESIVENESS, drug effects
4135. Masak J, Reczek C, Langr F: La coagulation sanguine dans le choc expérimental.  
J Chir (Paris) 98:247-53, Sep 69 (Fre)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
analysis/ BLOOD VESSELS, pathology/ BLOOD  
VOLUME DETERMINATION/ DOGS/  
ERYTHROCYTE COUNT/ FEMALE/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
HYPOTENSION, etiology/ MALE/ \*SHOCK,  
blood/ SHOCK, HEMORRHAGIC, blood/  
TACHYCARDIA, etiology/ THROMBOSIS,  
blood/ THROMBOSIS, pathology/ TIME  
FACTORS
4136. Mazumkar BN, Vaidya RM: The influence of some blood factors on alteration of circulation time in man.  
Indian J Physiol Pharmacol 11:113-20, Jul 67  
ADOLESCENCE/ ADULT/ ALPHA GLOBULIN,  
analysis/ BETA GLOBULIN, analysis/ \*BLOOD  
CIRCULATION TIME/ \*BLOOD PROTEINS,  
analysis/ BLOOD VISCOSITY/ CALCIUM/  
FEMALE/ GAMMA GLOBULIN, analysis/  
GLUCONATES/ HUMAN/ MALE/ SERUM  
ALBUMIN, analysis/ SPECIFIC GRAVITY
4137. Mazurowski W, Sadowski Z: Zakrzep tętnicy szyjnej wewnętrznej po zamkniętych obrażeniach głowy i szyi. Pol Przegl Chir 41:1706-10, Dec 69 (Pol)  
ADULT/ \*CAROTID ARTERY THROMBOSIS,  
etiology/ CAROTID ARTERY THROMBOSIS,  
surgery/ CEREBRAL ANGIOGRAPHY/  
ENGLISH ABSTRACT/ FEMALE/ \*HEAD  
INJURIES, complications/ HEMATOMA,  
etiology/ HUMAN/ MALE/ MIDDLE AGE/  
\*NECK, injuries
4138. Mazza JJ, Bowie EJ, Hagedorn AB, et al: Antihemophilic factor 8 in hemophilia. Use of concentrates to permit major surgery.  
JAMA 211:1818-23, 16 Mar 70  
ADULT/ ARTHRODESIS/ CHILD/  
CRANIOTOMY/ FACTOR VIII, analysis/  
\*FACTOR VIII, therapeutic use/ FEMORAL  
FRACTURES, surgery/ HEMATOMA,  
SUBDURAL, surgery/ \*HEMOPHILIA/  
HEMOPHILIA, blood/ HEMORRHAGE,  
prevention & control/ HUMAN/ MALE/  
MIDDLE AGE/ \*SURGERY, OPERATIVE
4139. Mazzi R: Erfahrungen mit Methotrexate in der Behandlung der Psoriasis.  
Dermatologica (Basel) 139:298-300, 1969 (Ger)  
HUMAN/ INJECTIONS, INTRAVENOUS/  
LIVER DISEASES, chemically induced/  
METHOTREXATE, administration & dosage/  
METHOTREXATE, adverse effects/  
\*METHOTREXATE, therapeutic use/ NAUSEA,  
chemically induced/ \*PSORIASIS,  
drug therapy/ THROMBOPENIA, chemically  
induced/ TIME FACTORS
4140. Meaney TF: Errors in angiographic diagnosis of renal masses. Radiology 93:361-6, Aug 69  
ADENOCARCINOMA, radiography/ ADENOMA,  
radiography/ \*AORTOGRAPHY/ CARCINOMA,  
BRONCHOGENIC, radiography/ DIAGNOSIS,  
DIFFERENTIAL/ HEMANGIOMA, radiography/  
HUMAN/ HYDRONEPHROSIS, radiography/



## AUTHOR SECTION

KIDNEY, CYSTIC, radiography/ \*KIDNEY  
NEOPLASMS, radiography/ KIDNEY  
NEOPLASMS, surgery/ LIPOMA, radiography/  
NEOPLASM METASTASIS/ \*RENAL ARTERY,  
radiography

4141. Mears E: Uso clinico degli ormoni steroidei per il controllo della fertilità.  
Clin Ter 52:499-507, 31 Mar 70 (Ita)  
ADOLESCENCE/ ADRENAL GLANDS, drug effects/ ADULT/ BLOOD COAGULATION, drug effects/ CARBOHYDRATES, metabolism/ CHILD/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, classification/ \*CONTRACEPTIVES, ORAL, therapeutic use/ DRUG SYNERGISM/ ESTROGENS, administration & dosage/ ESTROGENS, metabolism/ \*ESTROGENS, therapeutic use/ FEMALE/ FERTILITY, drug effects/ HUMAN/ INJECTIONS/ LACTATION, drug effects/ LIVER, drug effects/ MENOPAUSE/ \*MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ PREGNANCY/ PROGESTATIONAL HORMONES, administration & dosage/ \*PROGESTATIONAL HORMONES, therapeutic use/ PROGESTERONE, metabolism/ THYROID GLAND, drug effects
4142. Mebs D: Proteolytische Aktivität eines Vogelspinnengiftes.  
Naturwissenschaften 57:308, Jun 70 (Ger)  
ANIMAL EXPERIMENTS/ \*ARACHNIDA/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ \*VENOMS, analysis/ VENOMS, pharmacodynamics
4143. Medgyesi GA, Gorini G, Dorla G: Structural localization of isotypic markers on mouse myeloma gamma G globulins. J Immun 103:1125-31, Nov 69  
ABSORPTION/ ANIMAL DISEASES, immunology/ ANIMAL EXPERIMENTS/ CYSTEINE/ \*GAMMA GLOBULIN, 7S, analysis/ GEL DIFFUSION TESTS/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ IMMUNOELECTROPHORESIS/ MICE/ \*MULTIPLE MYELOMA, immunology/ PAPAINE/ PEPSIN/ TRYPSIN
4144. Medina F, Vitali D, Moroni M: Studio sulla dinamica della risposta anticorpale in corso di scarlattina. G Mal Infett 21:734-9, Sep 69 (Ita)  
\*ANTIBODY FORMATION/ ANTISTREPTOLYSIN, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ \*GAMMA GLOBULIN, analysis/ \*GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ HUMAN/ HYALURONIDASE, antagonists & inhibitors/ IMMUNOELECTROPHORESIS/ \*SCARLET FEVER, immunology/ STREPTOKINASE, antagonists & inhibitors
4145. Mee AD, Evans DB: Antilymphocyte-serum preparations in treatment of renal-allograft rejection. Lancet 2:16-9, 4 Jul 70  
ADULT/ ANTILYMPHOCYTE SERUM, adverse effects/ \*ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ CADAVER/ FEMALE/ GAMMA GLOBULIN, adverse effects/ GAMMA GLOBULIN, therapeutic use/ HISTOCOMPATIBILITY, drug effects/ HUMAN/ HYDROCORTISONE, therapeutic use/ \*KIDNEY, transplantation/ MALE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREDNISOLONE, therapeutic use/ THROMBOPENIA, chemically induced/ TRANSPLANTATION, HOMOLOGOUS
4146. Meeteva G, Symes MO: A method for the storage of human blood lymphocytes.  
Folia Biol (Praha) 15:478-9, 1969  
\*BLOOD PRESERVATION/ FREEZING/ HUMAN/ IMMUNE SERUMS/ \*LYMPHOCYTES
4147. Mehra U, Devi PK, Chakravarti RN, et al: The relationship between endometrial mast cell count and

bleeding in women following insertion of an intrauterine device.

- Amer J Obstet Gynec 107:852-6, 15 Jul 70  
ADULT/ BIOPSY/ CELL COUNT/ DOPAMINE, metabolism/ \*ENDOMETRIUM, cytology/ ENDOMETRIUM, pathology/ FEMALE/ HEPARIN, metabolism/ HISTAMINE, metabolism/ HISTOLOGICAL TECHNIQUES/ HUMAN/ \*INTRAUTERINE DEVICES, adverse effects/ \*MAST CELLS, cytology/ MAST CELLS, metabolism/ MENORRHAGIA, drug therapy/ \*MENORRHAGIA, etiology/ MENORRHAGIA, pathology/ MENSTRUATION/ PREGNANCY/ STAINS AND STAINING/ TIME FACTORS/ UTERUS, blood supply
4148. Mehrishi JN: Positively charged amino groups on the surface of normal and cancer cells.  
Europ J Cancer 6:127-37, Apr 70  
ADHESIVENESS/ \*AMINES, analysis/ ANHYDRIDES/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, analysis/ \*CARCINOMA, EHRlich TUMOR, metabolism/ CELL AGGREGATION/ \*CELL MEMBRANE, analysis/ ELECTROPHORESIS/ ETHYLMALEIMIDE/ HUMAN/ IN VITRO/ \*LYMPHOCYTES, analysis/ MALE/ MICE
4149. Mehrishi JN: Effect of lysine polypeptides on the surface charge of normal and cancer cells.  
Europ J Cancer 5:427-35, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ \*CARCINOMA, EHRlich TUMOR/ CELL LINE/ ELECTROPHORESIS/ ERYTHROCYTES, drug effects/ HUMAN/ IN VITRO/ \*LYSINE, pharmacodynamics/ MALE/ \*MEMBRANE POTENTIALS, drug effects/ MICE/ ORNITHINE, pharmacodynamics/ \*PEPTIDES, pharmacodynamics
4150. Mehrishi JN: Phosphate groups (receptors?) on the surface of human blood platelets.  
Nature (London) 226:452-3, 2 May 70  
\*ALKALINE PHOSPHATASE, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ ELECTROPHORESIS/ HUMAN/ MODELS, BIOLOGIC/ PLATELET ADHESIVENESS/ RECEPTORS, DRUG/ \*SURFACE PROPERTIES
4151. Mehrishi JN: Action of pronase and neuraminidase on the electrophoretic mobility of erythrocytes from normal cats and those with spontaneous tumours.  
Vox Sang 18:27-33, Jan 70  
ANHYDRIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CATS/ \*CELL MOVEMENT, drug effects/ \*ELECTROPHORESIS/ \*ERYTHROCYTES, drug effects/ FURANS, pharmacodynamics/ GANGLIOSIDES, blood/ MAMMARY NEOPLASMS, EXPERIMENTAL, blood/ \*NEURAMINIDASE, pharmacodynamics/ \*PEPTIDE HYDROLASES, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TONGUE NEOPLASMS, blood
4152. Mehrishi JN, Grassetti DR: Sulphydryl groups on the surface of intact Ehrlich ascites tumour cells, human blood platelets and lymphocytes.  
Nature (London) 224:563-4, 8 Nov 69  
\*BLOOD PLATELETS/ \*CARCINOMA, EHRlich TUMOR/ HYDROGEN-ION CONCENTRATION/ \*LYMPHOCYTES/ METHODS/ \*SULFHYDRYL COMPOUNDS, analysis/ SULFHYDRYL COMPOUNDS, antagonists & inhibitors/ \*SURFACE PROPERTIES
4153. Mehrotra TN, Gupta SC, Rajvanshi VS: Haemangiopericytoma of kidney.  
Indian J Pathol Bact 12:128-30, Jul 69  
ADULT/ FEMALE/ \*HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ KIDNEY, pathology/ \*KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, surgery/ NEPHRECTOMY
4154. Meiers HG, Greither A: Hautveränderungen bei



# AUTHOR SECTION

- Patienten mit kälte- oder wasserlabilen Bluteiweißkörpern.  
Arch Klin Exp Derm 237:395-401, 1970 (Ger)  
ARTERITIS, etiology/ BLOOD PROTEIN DISORDERS, complications/ \*BLOOD PROTEIN DISORDERS, diagnosis/ COLD/ CRYOGLOBULINS/ FEMALE/ FIBRINOGEN/ GAMMA GLOBULIN/ HEPARIN, diagnostic use/ HUMAN/ LATEX FIXATION TESTS/ LEG ULCER, etiology/ METHODS/ NECROSIS/ PRECIPITIN TESTS/ PURPURA, etiology/ RAYNAUD'S DISEASE, etiology/ \*SKIN MANIFESTATIONS/ WATER
4155. Meili EO, Straub FW, Frick PG: Zur Pathogenese und Behandlung der von Willebrand'schen Krankheit. Schweiz Med Wschr 99:1805-10, 13 Dec 69 (Ger)  
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FACTOR VIII, biosynthesis/ FREEZE DRYING/ HEMOPHILIA, blood/ HUMAN/ PLASMA/ VON WILLEBRAND'S DISEASE, etiology/ \*VON WILLEBRAND'S DISEASE, therapy
4156. Meinhof W: La biologia del dermatofiti. Acquisizioni mediante microscopia elettronica sulla citochimica enzimatica e la biochimica. Minerva Med 60:5301-4, 26 Dec 69 (Ita)  
CARBOHYDRATES, metabolism/ \*DERMATOPHYTES, enzymology/ \*DERMATOPHYTES, metabolism/ ESTERASES, metabolism/ HISTOCYTOCHEMISTRY/ LEUCINE AMINOPEPTIDASE, metabolism/ OXIDOREDUCTASES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism
4157. Meiring P de V, Cruz I da: To the Editor. Adverse effects from drugs. S Afr Med J 43:1208, 27 Sep 69  
CHLORPROPAMIDE, adverse effects/ DIGOXIN, adverse effects/ \*DRUG THERAPY, adverse effects/ \*DRUGS, adverse effects/ INDOMETHACIN, adverse effects/ PENICILLIN, adverse effects/ PREDNISONE, adverse effects/ STREPTOMYCIN, adverse effects/ TETRACYCLINE, adverse effects/ THIOPENTAL, adverse effects/ WARFARIN, adverse effects
4158. Meisler MH, Langan TA: Characterization of a phosphatase specific for phosphorylated histones and protamine. J Biol Chem 244:4961-8, 25 Sep 69  
ADENOSINE TRIPHOSPHATE/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CALCIUM PHOSPHATES/ CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ HISTONES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, cytology/ \*LIVER, enzymology/ MALE/ METHODS/ MOLECULAR WEIGHT/ NUCLEOPROTEINS/ OSMOLAR CONCENTRATION/ \*PHOSPHATASES/ PHOSPHATASES, analysis/ PHOSPHATASES, isolation & purification/ PHOSPHOPEPTIDES/ PHOSPHORUS ISOTOPES/ PHOSPHOTRANSFERASES/ \*PROTAMINES/ PROTEINS/ RATS
4159. Meister H: Zur Kenntnis der sogenannten Pseudo-Pelger-Zellen. Folia Haemat (Leipzig) 92:173-81, 1969 (Ger)  
AGED/ ANEMIA, complications/ ANEMIA, therapy/ AUTOIMMUNE DISEASES, blood/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ \*CELL NUCLEUS/ ENGLISH ABSTRACT/ ESTERASES/ FEMALE/ HOMOZYGOTE/ HUMAN/ \*LEUKOCYTES, cytology/ LEUKOCYTES, enzymology/ LEUKOPENIA, etiology/ MALE/ MIDDLE AGE/ \*PELGER-HUET ANOMALY, diagnosis/ PELGER-HUET ANOMALY, etiology/ RETICULOENDOTHELIOSIS, complications/ THROMBOPENIA, etiology/ TUBERCULOSIS, MILIARY, complications
4160. Melani F, Rubenstein AH, Steiner DF: Human serum proinsulin. J Clin Invest 49:497-507, Mar 70  
ADOLESCENCE/ ADULT/ CATTLE/ \*ENZYME PRECURSORS, blood/ FASTING/ FEMALE/ GEL FILTRATION/ GLUCOSE, pharmacodynamics/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERINSULINISM, blood/ IMMUNE SERUMS/ IMMUNOASSAY/ INSULIN, biosynthesis/ \*INSULIN, blood/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ MALE/ OBESITY, blood/ PANCREAS, analysis/ RATS/ SWINE/ TRYPSIN, metabolism
4161. Melchior WB Jr, Fahrney D: Ethoxyformylation of proteins. Reaction of ethoxyformic anhydride with alpha-chymotrypsin, pepsin, and pancreatic ribonuclease at pH 4. Biochemistry (Wash) 9:251-8, 20 Jan 70  
AMINO ACIDS, analysis/ \*ANHYDRIDES/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ \*CHYMOTRYPSIN/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ ESTERS/ \*FORMIC ACIDS/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ IMIDAZOLES/ KINETICS/ NITROBENZENES/ OSMOLAR CONCENTRATION/ PANCREAS, enzymology/ \*PEPSIN/ PEPSIN, analysis/ PROTEINS/ \*RIBONUCLEASE/ RIBONUCLEASE, antagonists & inhibitors/ SULFONIC ACIDS/ SWINE/ TIME FACTORS
4162. Meller K, Breipohl W, Wagner HH, et al: Die Differenzierung isolierter Nerven- und Gliazellen aus trypsiniertem Rückenmark von Hühnerembryonen in Gewebekulturen. Eine licht- und elektronenmikroskopische Studie. Z Zellforsch 101:135-51, 1 Oct 69 (Ger)  
ANIMAL EXPERIMENTS/ \*CELL DIFFERENTIATION/ CHICK EMBRYO/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNIQUES/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ \*NEUROGLIA, cytology/ \*NEURONS, cytology/ \*SPINAL CORD, cytology/ SYNAPSES/ TISSUE CULTURE/ TRYPSIN, metabolism
4163. Meller K, Wagner HH, Breipohl W: Das Verhalten trypsinierter Plexus-chorioideus-Zellen in Gewebekulturen. Eine elektronenmikroskopische Untersuchung. Z Zellforsch 97:392-402, 1969 (Ger)  
ANIMAL EXPERIMENTS/ CELL AGGREGATION/ CELL DIFFERENTIATION/ CHICK EMBRYO/ \*CHOROID PLEXUS, cytology/ CHOROID PLEXUS, drug effects/ CULTURE MEDIA/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ EPITHELIUM, cytology/ \*MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ TISSUE CULTURE/ \*TRYPSIN, pharmacodynamics
4164. Melli G, Mazzei D: Trattamento di forme mediche con globuline antilinfocitarie. Minerva Med 61:3064-9, 11 Jul 70 (Ita)  
\*ANTILYMPHOCYTE SERUM, therapeutic use/ \*AUTOIMMUNE DISEASES, drug therapy/ \*COLLAGEN DISEASES, drug therapy/ HUMAN/ KIDNEY, transplantation/ MACROGLOBULINEMIA, drug therapy/ \*MULTIPLE SCLEROSIS, drug therapy/ MYOSITIS, drug therapy/ THROMBOPENIA, drug therapy
4165. Melliger EJ: Detection of fibrinogen degradation products by use of antibody coated latex particles. The possibilities and limits of the method. Thromb Diath Haemorrh 23:211-27, 1970  
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ \*ANTIBODIES/ CATTLE/ COMPLEMENT/ \*FIBRINOGEN, analysis/ FIBRINOLYTIC AGENTS/ GAMMA GLOBULIN, isolation & purification/ GEL DIFFUSION TESTS/ HEPARIN, pharmacodynamics/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KALLIKREIN-TRYPSIN INACTIVATOR/ LATEX PARTICLES/ RABBITS/ THROMBIN
4166. Mellin H, Neff JM, Garber H, et al: Complications of smallpox vaccination, Maryland 1968. Johns Hopkins Med J 126:160-8, Mar 70  
ADOLESCENCE/ ANTICOAGULANTS,



## AUTHOR SECTION

- therapeutic use/ CHILD, PRESCHOOL/  
ECZEMA, etiology/ ECZEMA, occurrence/  
ERYTHEMA MULTIFORME, etiology/  
ERYTHEMA MULTIFORME, occurrence/  
FEMALE/ HEALTH SURVEYS/ HUMAN/  
INFANT/ LYMPHADENITIS, etiology/ MALE/  
MARYLAND/ MIDDLE AGE/ MORBIDITY/  
NECROSIS/ POLYNEURITIS, etiology/  
POLYNEURITIS, occurrence/ SMALLPOX,  
prevention & control/ SMALLPOX VACCINE,  
administration & dosage/ \*SMALLPOX  
VACCINE, adverse effects/ \*VACCINATION,  
adverse effects/ VACCINIA, etiology/  
VACCINIA, occurrence
4167. Melmed RN, Bouchier IA: A further physiological role for naturally occurring trypsin inhibitors: the evidence for a trophic stimulant of the pancreatic acinar cell. Gut 10:973-9, Dec 69  
AMINO ACIDS, analysis/ AMYLASE, biosynthesis/ ANIMAL EXPERIMENTS/  
CHICKENS/ CHOLECYSTOKININ, secretion/  
FECES, analysis/ GASTROINTESTINAL SYSTEM, metabolism/ GROWTH, drug effects/  
INTESTINAL MUCOSA, secretion/ MALE/  
\*PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREOZYMIN, secretion/  
PROTEIN-LOSING ENTEROPATHIES, etiology/  
RATS/ SOY BEANS/ STIMULATION, CHEMICAL/ \*TRYPSIN INHIBITORS, metabolism/ VAGOTOMY
4168. Melville JC, Ryan CA: Chymotrypsin inhibitor 1 from potatoes: a multisite inhibitor composed of subunits. Arch Biochem 138:700-2, Jun 70  
\*BINDING SITES/ \*CHYMOTRYPSIN, antagonists & inhibitors/ CYTOCHROMES/  
ELECTROPHORESIS/ GEL FILTRATION/  
MOLECULAR WEIGHT/ PEPsin/ \*PLANTS, EDIBLE, enzymology/ SERUM ALBUMIN/  
ULTRACENTRIFUGATION
4169. Mendenhall HW: Serum protein concentrations in pregnancy. II. Concentrations in cord serum and amniotic fluid. Amer J Obstet Gynec 106:581-5, 15 Feb 70  
\*AMNIOTIC FLUID, analysis/ BIRTH WEIGHT/ BLOOD/ \*BLOOD PROTEINS, analysis/ CERULOPLASMIN, analysis/  
FEMALE/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ HUMAN/  
INFANT, NEWBORN/ MACROGLOBULINS, analysis/ \*PREGNANCY/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis/ \*UMBILICAL CORD
4170. Mendenhall HW: Effect of oral contraceptives on serum protein concentrations. Amer J Obstet Gynec 106:750-3, Mar 70  
\*BLOOD PROTEINS, analysis/  
CERULOPLASMIN, analysis/  
\*CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GEL DIFFUSION TESTS/  
HUMAN/ MACROGLOBULINS, analysis/  
PREGNANCY/ SERUM ALBUMIN, analysis/  
TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis
4171. Mendenhall HW: Serum protein concentrations in pregnancy. 3. Analysis of maternal-cord serum pairs. Amer J Obstet Gynec 106:718-20, Mar 70  
BLOOD/ \*BLOOD PROTEINS, analysis/  
CERULOPLASMIN, analysis/ CESAREAN SECTION/ DELIVERY/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GEL DIFFUSION TESTS/  
HUMAN/ LABOR/ MACROGLOBULINS, analysis/ MATERNAL-FETAL EXCHANGE/  
\*PREGNANCY/ SERUM ALBUMIN, analysis/  
TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis/ \*UMBILICAL CORD
4172. Mendenhall HW: Serum protein concentrations in pregnancy. I. Concentrations in maternal serum. Amer J Obstet Gynec 106:388-99, 1 Feb 70  
\*BLOOD PROTEINS, analysis/  
CERULOPLASMIN, analysis/ DELIVERY/  
FEMALE/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ GEL DIFFUSION TESTS/  
HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/  
MACROGLOBULINS, analysis/ \*PREGNANCY/  
PUERPERIUM/ SERUM ALBUMIN, analysis/  
TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, blood
4173. Mendenhall HW: Effect of oral contraceptives on serum protein concentrations. Surg Forum 20:404-5, 1969  
\*BLOOD PROTEINS, analysis/  
CERULOPLASMIN, blood/  
\*CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/  
HUMAN/ MACROGLOBULINS, analysis/  
MESTRANOL, pharmacodynamics/  
NORETHINDRONE, pharmacodynamics/  
PREGNANCY/ SERUM ALBUMIN, analysis/  
TRANSFERRIN, blood/ TRYPSIN INHIBITORS, blood
4174. Mendi V: Prevence cervikální endometriózy po elektrokoagulaci. Cesk Gynek 34:605-6, Dec 69 (Cze)  
\*CERVIX UTERI, physiopathology/  
\*CHYMOTRYPSIN, therapeutic use/  
ELECTROCOAGULATION/ \*ENDOMETRIOSIS, prevention & control/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*TRYPSIN, therapeutic use
4175. Menendez CJ, Herskovits TT: Studies of the location of the tyrosyl residues in insulin. II. Biochemistry (Wash) 8:5052-9, Dec 69  
ALCOHOL, METHYL/ AMINO ACID SEQUENCE/ CATTLE/ CHEMISTRY/  
DEUTERIUM/ DIMETHYL SULFOXIDE/  
GLYCERIN/ GLYCOLS/ HYDROGEN-ION CONCENTRATION/ \*INSULIN/ INSULIN, analysis/ OPTICAL ROTATORY DISPERSION/  
OXIDES/ \*PEPTIDES/ PEPTIDES, analysis/  
PEPTIDES, isolation & purification/  
PHENYLALANINE, analysis/  
SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ SUCROSE/ TRYPSIN/ TRYPSIN INHIBITORS/ \*TYROSINE/ TYROSINE, analysis/ ULTRAVIOLET RAYS/ ZINC
4176. Menendez CJ, Herskovits TT, Laskowski M Jr: Studies of the location of the tyrosyl residues in insulin. I. Biochemistry (Wash) 8:5044-51, Dec 69  
ALCOHOL, METHYL/ AMINO ACID SEQUENCE/ CATTLE/ CHEMISTRY/  
DEUTERIUM/ DIMETHYL SULFOXIDE/  
GLYCERIN/ GLYCOLS/ HYDROGEN-ION CONCENTRATION/ \*INSULIN/ INSULIN, analysis/ OPTICAL ROTATORY DISPERSION/  
OXIDES/ PEPTIDES/ PROTEIN DENATURATION/ SILVER/  
SPECTROPHOTOMETRY/ SUCROSE/  
TRYPSIN/ \*TYROSINE/ TYROSINE, analysis/  
ULTRAVIOLET RAYS/ UREA/ \*ZINC
4177. Menéndez CJ, Herskovits TT: Optical rotatory dispersion and circular dichroism studies on insulin and its trypsin-modified derivatives. Arch Biochem 140:286-94, Sep 70  
ALCOHOL, ETHYL/ ALCOHOL, METHYL/  
ALCOHOL, PROPYL/ CHEMISTRY/  
CIRCULAR DICHROISM/ GEL FILTRATION/  
GLYCOLS/ \*INSULIN/ LYSINE/ OPTICAL ROTATORY DISPERSION/ PEPTIDES/  
TRYPSIN/ ULTRAVIOLET RAYS/ UREA
4178. Menon IS: Aspirin and blood fibrinolysis. Lancet 1:364, 14 Feb 70  
ASPIRIN, administration & dosage/ \*ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ \*FIBRINOLYSIS, drug effects/  
HUMAN
4179. Menon IS: Effect of carbon dioxide inhalation on blood fibrinolytic activity. Lab Pract 18:1284-5, Dec 69  
\*CARBON DIOXIDE, pharmacodynamics/  
\*FIBRINOLYSIS, drug effects/ HEART VALVE DISEASES, blood/ HUMAN/ TIME FACTORS



## AUTHOR SECTION

4180. Menon IS: Fibrinolytic activity in pregnancy.  
Brit Med J 2:239, 25 Apr 70  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
\*PREGNANCY
4181. Menon IS: Fibrin degradation products and menstruation. Brit Med J 1:564-5, 28 Feb 70  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
\*MENSTRUATION/ UTERUS, metabolism
4182. Menon IS: Onions and blood fibrinolysis.  
Brit Med J 1:421, 16 May 70  
\*FIBRINOLYSIS, drug effects/ FREEZE  
DRYING/ HEAT/ HUMAN/ PLANT  
EXTRACTS, pharmacodynamics/  
\*VEGETABLES
4183. Menon IS, Barron SL, Weightman D, et al: The uterus as contributor of plasminogen activator to the blood.  
J Obstet Gynaec Brit Comm 77:591-3, Jul 70  
FEMALE/ HUMAN/ ILIAC ARTERY/ PELVIS/  
\*PLASMINOGEN, blood/ PLASMINOGEN,  
physiology/ SERUM GLOBULINS/  
THROMBOPHLEBITIS/ UTERUS, blood supply/  
\*UTERUS, secretion/ VEINS
4184. Menon IS, Cunliffe WJ: A syndrome of cutaneous vasculitis associated with decreased fibrinolytic activity. J Ass Physicians India 17:739-43, Dec 69  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, complications/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
INFLAMMATION, complications/ MALE/  
MIDDLE AGE/ \*SKIN, blood supply/  
\*VASCULAR DISEASES, complications
4185. Menon IS, Cunliffe WJ, Dewar HA: Preliminary report of beneficial effect of phenformin in combination with ethyloestrenol in treatment of cutaneous vasculitis and Behcet's syndrome.  
Postgrad Med J 45:62-6, May 69  
ADULT/ \*BEHCET'S SYNDROME, drug  
therapy/ \*DRUG SYNERGISM/  
\*ETHYLESTRENOL, therapeutic use/  
FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/  
MIDDLE AGE/ \*PHENFORMIN, therapeutic  
use/ \*VASCULAR DISEASES, drug therapy
4186. Menon IS, Cunliffe WJ, Weightman D, et al: Phenformin and stanozolol in blood fibrinolytic activity. Brit Med J 1:428, 14 Feb 70  
BEHCET'S SYNDROME, drug therapy/ DRUG  
SYNERGISM/ \*ETHYLESTRENOL, therapeutic  
use/ \*FIBRINOLYSIS, analysis/ HUMAN/  
\*PHENFORMIN, therapeutic use/  
STANOZOLOL, therapeutic use
4187. Menon IS, Cunliffe WJ: Blood fibrinolytic activity in skin diseases. Angiologica (Basel) 7:39-43, 1970  
\*BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION TESTS/  
COLLAGEN DISEASES, complications/  
\*FIBRINOLYSIS, analysis/ HUMAN/  
PERIARTERITIS NODOSA, complications/  
RAYNAUD'S DISEASE, complications/ \*SKIN  
DISEASES, complications
4188. Menon IS, Dewar HA: Increased blood-urea during phenformin therapy. Lancet 2:263, 1 Aug 70  
ADULT/ FEMALE/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ MALE/  
METFORMIN, therapeutic use/ MIDDLE AGE/  
MYOCARDIAL INFARCT, drug therapy/  
\*PHENFORMIN, adverse effects/ PHLEBITIS,  
drug therapy/ STANOZOLOL, therapeutic use/  
\*UREA, blood
4189. Menon IS, Martin A, Weightman D: Estimation of euglobulin lysis time using a time-saving recorder.  
Lab Pract 18:1186-7 passim, Nov 69  
\*BLOOD COAGULATION TESTS/ BLOOD  
COAGULATION TESTS, instrumentation/  
\*FIBRINOLYSIS/ HUMAN/ METHODS/  
\*SERUM GLOBULINS, analysis/ TIME  
FACTORS
4190. Menon IS, Muscat-Baron J, Weightman D, et al: The brain as contributor of plasminogen activator to the blood. Clin Sci 38:85-91, Jan 70  
ARTERIES/ BLOOD FLOW VELOCITY/  
\*BRAIN, secretion/ CARBON DIOXIDE/  
CEREBROVASCULAR CIRCULATION/ HEART  
ATRIUM/ HUMAN/ JUGULAR VEIN/  
\*PLASMINOGEN/ SUBCLAVIAN VEIN
4191. Menon IS, Peberdy M, Rannie GH, et al: A comparative study of blood fibrinolytic activity in normal women, pregnant women and women on oral contraceptives.  
J Obstet Gynaec Brit Comm 77:752-6, Aug 70  
ADULT/ ANTIFIBRINOLYTIC AGENTS, blood/  
CHLORMADINONE, pharmacodynamics/  
\*CONTRACEPTIVES, ORAL,  
pharmacodynamics/ ESTROGENS,  
pharmacodynamics/ FEMALE/ \*FIBRINOLYSIS/  
FIBRINOLYSIS, drug effects/ HUMAN/  
\*PREGNANCY/ PROGESTATIONAL  
HORMONES, pharmacodynamics/ SERUM  
GLOBULINS
4192. Menon IS, Weightman D, Dewar HA: The lymphatic system as contributor of plasminogen activator to the blood. Angiologica (Basel) 7:177-81, 1970  
BRACHIAL ARTERY, blood supply/ CHYLE,  
analysis/ COENZYMES/ ENZYME  
ACTIVATION/ HEART CATHETERIZATION/  
HUMAN/ INNOMINATE VEIN/ JUGULAR  
VEIN, blood supply/ \*LYMPHATIC SYSTEM,  
physiology/ PLASMINOGEN, analysis/  
\*PLASMINOGEN, biosynthesis/  
PLASMINOGEN, physiology/ RHEUMATIC  
HEART DISEASE, blood/ SUBCLAVIAN VEIN,  
blood supply
4193. Mercier JC, Grosclaude F, Ribadeau-Dumas B: Structure primaire de la caséine alpha-s1 bovine. Séquence de 48 résidus d'acides aminés de l'extrémité COOH-terminale.  
Europ J Biochem 14:108-19, 1 May 70 (Fre)  
\*AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/  
ARGININE, analysis/ CARBOXYPEPTIDASES/  
\*CASEIN, analysis/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
LEUCINE, analysis/ PEPTIDE  
PEPTIDOHYDROLASES/ TRYPTOPHAN,  
analysis
4194. Mercuri AJ, Banwart GJ, Kinner JA, et al: Bacteriological examination of commercial precooked Eastern-type turkey rolls.  
Appl Microbiol 19:768-71, May 70  
ANALYSIS OF VARIANCE/ \*BACTERIA,  
isolation & purification/ BACTERIOLOGICAL  
TECHNIQUES/ CLOSTRIDIUM PERFRINGENS,  
isolation & purification/ COAGULASE,  
metabolism/ COOKERY/ \*ESCHERICHIA COLI,  
isolation & purification/ \*FOOD  
MICROBIOLOGY/ FOOD PRESERVATION/  
\*POULTRY PRODUCTS/ SALMONELLA,  
isolation & purification/ STAPHYLOCOCCUS,  
enzymology/ STAPHYLOCOCCUS, isolation &  
purification/ \*STREPTOCOCCUS, isolation &  
purification/ TURKEYS
4195. Merenstein GB, O'Loughlin EP, Plunket DC: Effects of maternal thiazides on platelet counts of newborn infants. J Pediatr 76:766-7, May 70  
BLOOD CELL COUNT/ \*BLOOD PLATELETS,  
drug effects/ FEMALE/ HUMAN/ \*INFANT,  
NEWBORN/ \*MATERNAL-FETAL EXCHANGE/  
PREGNANCY/ \*THIAZINES, adverse effects
4196. Merétey K, Várterész V, Kutas V, et al: Immunological activity of ribonucleoproteins. 3. Changes in mammalian ribonucleoproteins upon the effect of whole body x-irradiation.  
Acta Microbiol Acad Sci Hung 16:11-7, 1969  
ANIMAL EXPERIMENTS/ ANTIGENS,  
analysis/ \*ANTIGENS, radiation effects/  
COMPLEMENT FIXATION TESTS/  
ELECTROPHORESIS/ GEL DIFFUSION  
TESTS/ GUINEA PIGS/  
IMMUNOELECTROPHORESIS/ \*LIVER,  
radiation effects/ MALE/ \*NUCLEOPROTEINS,  
radiation effects/ NUCLEOTIDES, radiation  
effects/ \*RADIATION EFFECTS/  
RIBONUCLEASE/ \*RNA, radiation effects/  
TRYPSIN



## AUTHOR SECTION

4197. Mergenhagen SE: Complement as a mediator of inflammation: formation of biologically-active products after interaction of serum complement with endotoxins and antigen-antibody complexes. *J Periodont* 41:202-4, Apr 70  
ANIMAL EXPERIMENTS/  
\*ANTIGEN-ANTIBODY REACTIONS/ ARTHUS PHENOMENON/ CELL MOVEMENT/ CHEMOTAXIS/ CHROMATOGRAPHY/  
\*COMPLEMENT/ DEXTRAN/ \*ENDOTOXINS/ GUINEA PIGS/ HISTAMINE LIBERATION/ HUMAN/ INFLAMMATION, immunology/ LEUKOCYTES, immunology/ PEPTIDES, pharmacodynamics/ PERIODONTAL DISEASES, immunology/ TOXINS, pharmacodynamics/ TRYPSIN, pharmacodynamics
4198. Mergenhagen SE, Snyderman R, Gewurz H, et al: Significance of complement to the mechanism of action of endotoxin. *Curr Top Microbiol Immun* 50:37-77, 1969 (129 ref.)  
ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION/ BLOOD PLATELETS, immunology/ CELL MOVEMENT/ CELL WALL/ CHEMOTAXIS/ COMPLEMENT/ ENDOTOXINS, isolation & purification/ \*ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI, metabolism/ HEMOLYSIS/ LIPOPOLYSACCHARIDES, metabolism/ MICROSCOPY, ELECTRON/ NEUTROPHILS, immunology/ PEPTIDES, metabolism/ PHOSPHORUS ISOTOPES/ REVIEW/ SALMONELLA TYPHOSA, immunology/ SERRATIA MARCESCENS, immunology/ TOXINS, metabolism/ VEILLONELLA, metabolism
4199. Merikova MA, Khramtsova GG: Kliniko-rentgenologicheskaya kharakteristika gemangiom pozvonochnika. *Sovet Med* 32:96-100, Oct 69 (Rus)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ \*SPINAL CORD NEOPLASMS, diagnosis/ SPINAL CORD NEOPLASMS, radiography
4200. Merikova MA, Khramtsova GG: Rentgenoterapiya gemangiom pozvonochnika s porazheniem spinnoego mozga. *Med Radiol (Moskva)* 14:3-9, Aug 69 (Rus)  
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, diagnosis/ \*HEMANGIOMA, radiotherapy/ HUMAN/ MALE/ MIDDLE AGE/ RADIOTHERAPY DOSAGE/ \*SPINAL CORD COMPRESSION, etiology/ SPINAL NEOPLASMS, diagnosis/ \*SPINAL NEOPLASMS, radiotherapy
4201. Merkulov MP, Lakin KM, Feldbaum WA, et al: Experimentelle Untersuchung über die Wirkung von Antikoagulantien auf die Thrombozytenagglutination. *Folia Haemat (Lepzig)* 92:529-32, 1969 (Ger)  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ FEMALE/ FIBRINOLYSIS/ HEPARIN, pharmacodynamics/ MALE/ PLATELET ADHESIVENESS, drug effects/ PROTAMINES, pharmacodynamics/ RABBITS/ THROMBELASTOGRAPHY
4202. Merlen JF, Hiltenbrand C, Coget J: Reflexions a propos du traitement médical des phlébites superficielles, en particulier récidivantes. *Phlebologie* 23:75-9, Jan-Mar 70 (Fre)  
\*ANTI-INFLAMMATORY AGENTS, therapeutic use/ BANDAGES/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PHLEBITIS, diagnosis/ PHLEBITIS, drug therapy/ PHLEBITIS, etiology/ PHLEBITIS, surgery/ \*PHLEBITIS, therapy/ VARICOSE VEINS, complications
4203. Merlen JF, Hiltenbrand C, Coget J: Réflexions à propos du traitement médical des phlébites superficielles en particulier récidivantes. *Angiologie* 22:217-22, Jul-Aug 70 (Fre)  
ANTI-INFLAMMATORY AGENTS, therapeutic use/ BANDAGES/ CHRONIC DISEASE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ \*PHLEBITIS, therapy
4204. Merrill A, Peterson LJ: Gingival hemorrhage secondary to uremia. Review and report of a case. *Oral Surg* 29:530-5, Apr 70  
CASE REPORT/ \*GINGIVITIS, etiology/ \*HEMORRHAGE, ORAL, etiology/ HEMORRHAGIC DIATHESIS/ HUMAN/ MALE/ MIDDLE AGE/ \*ORAL MANIFESTATIONS/ \*STOMATITIS, etiology/ \*UREMIA, complications
4205. Merskey C: The quantitation of fibrinogen or fibrin split products. Some critical remarks. *Thromb Diath Haemorrh* 36:Suppl 36:195, 1969  
ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ \*FIBRIN, analysis/ \*FIBRINOGEN, analysis/ FIBRINOLYSIS, pharmacodynamics/ \*FIBRINOLYSIS
4206. Merskey C, Johnson AJ: Defibrination. *New Eng J Med* 282:688-9, 19 Mar 70  
\*BLOOD COAGULATION DISORDERS/ HUMAN/ \*NOMENCLATURE
4207. Merskey C, Kleiner GJ, Markus W, et al: Fibrin degradation products. *Brit Med J* 4:234-5, 25 Oct 69  
FEMALE/ \*FIBRIN, blood/ HUMAN/ \*LABOR/ \*PREGNANCY/ \*PUERPERIUM
4208. Méry JP, Sraer JD, Hélénon C, et al: Une tumeur rare: l'angiomyolipome du rein. *Ann Med Intern (Paris)* 121:599-608, Jun-Jul 70 (Fre)  
ADULT/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ \*KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ \*LIPOMA, diagnosis/ LIPOMA, pathology/ LIPOMA, radiography/ LIPOMA, surgery/ PNEUMOPERITONEUM, ARTIFICIAL/ UROGRAPHY
4209. Merzliak EI: Funktsional'noe sostoianie svertyvalushchei i protivosvertyvalushchei sistemy krovi kak pokazatel' aktivnosti revmaticheskogo protsessa u detei. *Sovet Med* 32:104-8, Apr 69 (Rus)  
ADOLESCENCE/ AGE FACTORS/ \*BLOOD COAGULATION/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ RHEUMATIC FEVER, blood/ \*RHEUMATIC FEVER, diagnosis/ THROMBELASTOGRAPHY
4210. Mesnard P: Quelques synthèses d'interet thérapeutique dans la série de la coumarine et de la chromone. *Farmaco [Sci]* 25:57-83, Jan 70 (Ita)  
ANTICOAGULANTS/ BIOFLAVONOIDS/ CHEMISTRY/ \*CHROMONES/ CHROMONES, chem synthesis/ CHROMONES, pharmacodynamics/ CHROMONES, therapeutic use/ CORONARY VESSELS, drug effects/ \*COUMARINS/ COUMARINS, chem synthesis/ COUMARINS, pharmacodynamics/ COUMARINS, therapeutic use/ DIURETICS/ ENTEROBACTERIACEAE, drug effects/ FIBRINOLYTIC AGENTS/ HUMAN/ VASODILATOR AGENTS
4211. Messerschmitt J, Blanchard J, Frison B, et al: Méningococcie avec purpura nécrotique et paralysie des membres inférieurs chez un nourrisson de 17 mois. Evolution favorable. *Sem Hop Paris* 46:2348-53, 10 Sep 70 (Fre)  
BLOOD COAGULATION DISORDERS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ \*LEG/ \*MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, drug therapy/ NECROSIS/ NEUROLOGIC MANIFESTATIONS/ \*PARALYSIS, etiology/ \*PURPURA, etiology/ THROMBOSIS, physiopathology



## AUTHOR SECTION

4212. Messimy R, Guilly P, Fresneau M: Sur un cas de paralysie crurale apparue au cours d'un traitement anticoagulant. *Phlebologie* 23:11-3, Jan-Mar 70 (Fre)  
 \*ANTICOAGULANTS, adverse effects/  
 ECCHYMOSIS, chemically induced/ FEMALE/  
 \*FEMORAL NERVE, drug effects/  
 HEMORRHAGE, chemically induced/ HUMAN/  
 MIDDLE AGE/ \*PARALYSIS, chemically induced/ RETROPERITONEAL SPACE  
 therapeutic use/ CHYMOTRYPSIN, therapeutic use/ EPINEPHRINE, therapeutic use/ \*EYE DISEASES, drug therapy/ GLYCOSIDES, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ IMIDAZOLES, therapeutic use/ METHYLCELLULOSE, therapeutic use/ MIOTICS, therapeutic use/ MYDRIATICS, therapeutic use/ OINTMENTS/ \*OPHTHALMIC SOLUTIONS/ REVIEW/ SULFONAMIDES, therapeutic use
4213. Mester L: Structure et role des fractions glucidiques des glycoprotéines impliquées dans la coagulation du sang.  
*Bull Soc Chim Biol (Paris)* 51:635-48, 18 Sep 69 (Fre)  
 AMINO ACID SEQUENCE/ \*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, metabolism/ \*CARBOHYDRATES, physiology/ ELECTROPHORESIS/ FIBRINOGEN, analysis/ \*FIBRINOGEN, physiology/ GLUCOSAMINE, analysis/ \*GLYCOPROTEINS, physiology/ HUMAN/ METHYLATION/ NEURAMINIC ACIDS, analysis/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ PEPTIDES/ PERIODIC ACIDS/ SALTS/ THROMBIN, physiology
4214. Mettrone RM, Okuda Y, Fairclough GF Jr: Subunit structure of dipeptidyl transferase.  
*Biochemistry (Wash)* 9:2427-32, 9 Jun 70  
 ASPARAGINE, analysis/ ASPARTIC ACID, analysis/ BENZOATES/ CHLORIDES/ DETERGENTS/ DIPEPTIDES, analysis/ ELECTROPHORESIS/ ETHYLMALIMIDE/ GEL FILTRATION/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ \*PEPTIDE PEPTIDOHYDROLASES, analysis/ SPLEEN, enzymology/ SULFHYDRYL COMPOUNDS, analysis/ SULFURIC ACIDS/ ULTRACENTRIFUGATION/ UREA
4215. Mettler NE: Isolation of a microtubule from patients with hemolytic-uremic syndrome and thrombotic thrombocytopenic purpura and from mites in the United States. *New Eng J Med* 281:1023-7, 6 Nov 69  
 ADULT/ ANEMIA, etiology/ ANEMIA, HEMOLYTIC, etiology/ \*ANEMIA, HEMOLYTIC, microbiology/ ANEMIA, HEMOLYTIC, pathology/ ANIMAL EXPERIMENTS/ BRAIN/ CHILD/ COMPLEMENT FIXATION TESTS/ CONNECTICUT/ DISEASE VECTORS/ ERYTHROCYTES, cytology/ FEMALE/ GUINEA PIGS/ HUMAN/ INFANT/ KIDNEY FAILURE, ACUTE, etiology/ \*KIDNEY FAILURE, ACUTE, microbiology/ KIDNEY FAILURE, ACUTE, pathology/ LEUKOCYTOSIS, etiology/ MALE/ MICE/ MITE INFESTATIONS, complications/ \*MITES/ MONKEYS/ NEW YORK/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ \*PURPURA, THROMBOTIC THROMBOPENIC, microbiology/ PURPURA, THROMBOTIC THROMBOPENIC, pathology/ \*RICKETTSIA, isolation & purification/ SEPTICEMIA, microbiology/ SEROTYPING/ THROMBOPENIA, etiology/ THROMBOPENIA, microbiology/ THROMBOPENIA, pathology/ TISSUE CULTURE
4216. Metzl J, Boros G, Balogh Z: Über die abdominale Apoplexie. Beobachtung eines Falles, als Komplikation der Schönlein-Henochschen Purpura.  
*Bruns Beitr Klin Chir* 217:573-6, Oct 69 (Ger)  
 ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ \*HEMATOMA/ \*HEMORRHAGE, complications/ HEMORRHAGE, surgery/ HUMAN/ LAPAROTOMY/ MALE/ \*MESOCOLON/ MIDDLE AGE/ \*PERITONEAL CAVITY/ PREDNISOLONE, therapeutic use/ \*PURPURA, complications/ PURPURA, drug therapy/ \*RHEUMATISM, complications/ RHEUMATISM, drug therapy
4217. Metzner R: Ophthalmika. 38.  
*Pharm Prax* 10:218-24, 1969 (102 ref.) (Ger)  
 ADRENAL CORTEX HORMONES, therapeutic use/ ALOE, therapeutic use/ ANESTHETICS, LOCAL, therapeutic use/ ANTIBIOTICS, therapeutic use/ ANTIVIRAL AGENTS, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ EPINEPHRINE, therapeutic use/ \*EYE DISEASES, drug therapy/ GLYCOSIDES, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ IMIDAZOLES, therapeutic use/ METHYLCELLULOSE, therapeutic use/ MIOTICS, therapeutic use/ MYDRIATICS, therapeutic use/ OINTMENTS/ \*OPHTHALMIC SOLUTIONS/ REVIEW/ SULFONAMIDES, therapeutic use
4218. Meunier MT, Bastide P: Variations de l'activité des enzymes protéolytiques pancréatiques chez la Souris en fonction de l'âge.  
*J Physiol (Paris)* 62:Suppl 1:193-4, 1970 (Fre)  
 AGE FACTORS/ ANIMAL EXPERIMENTS/ \*CHYMOTRYPSIN, analysis/ MICE/ \*PANCREAS, enzymology/ \*TRYPSINOGEN, analysis/ TRYPSINOGEN, metabolism
4219. Meuwissen OJ, Vervoorn AC, Cohen O, et al: Double blind trial of long-term anticoagulant treatment after myocardial infarction.  
*Acta Med Scand* 186:361-8, Nov 69  
 ACUTE DISEASE/ AGED/ \*ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ COUMARINS, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ NETHERLANDS/ PLACEBOS
4220. Mey U, Gaerisch F: Langzeitbehandlung der Hämophilie A mit Plasmafraktionen.  
*Folia Haemat (Lepzig)* 93:357-62, 1970 (Ger)  
 ADULT/ AMINOBENZAZOLE ACID, therapeutic use/ \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ \*BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ \*BLOOD TRANSFUSION/ FACTOR VIII, therapeutic use/ \*HEMOPHILIA, therapy/ HUMAN/ MALE/ THROMBELASTOGRAPHY
4221. Meyer D, Larrieu MJ, Dreyfus JC: Migration électrophorétique des facteurs de coagulation sur acétate de cellulose. Application à la pathologie.  
*Nouv Rev Franc Hemat* 9:811-26, Sep-Oct 69 (Fre)  
 ACETATES/ ANTICOAGULANTS, analysis/ BLOOD COAGULATION DISORDERS, blood/ \*BLOOD COAGULATION FACTORS, analysis/ \*BLOOD PROTEIN ELECTROPHORESIS/ CELLULOSE/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HEMOPHILIA, blood/ HUMAN/ VON WILLEBRAND'S DISEASE, blood
4222. Meyer D, Larrieu MJ: Von Willebrand factor and platelet adhesiveness. *J Clin Path* 23:228-31, Apr 70  
 \*BLOOD COAGULATION FACTORS, analysis/ \*BLOOD PLATELETS/ COLD/ FACTOR VIII, analysis/ GLASS/ HEMOPHILIA/ HUMAN/ PLASMA/ PLATELET ADHESIVENESS/ PRECIPITATION/ \*VON WILLEBRAND'S DISEASE, blood
4223. Meyer H: Der Patient unter Antikoagulantien-Medikation.  
*Zahnärztl Welt* 78:986-7, 10 Nov 69 (Ger)  
 ANTIBIOTICS, pharmacodynamics/ \*ANTICOAGULANTS, pharmacodynamics/ BARBITURATES, pharmacodynamics/ BLOOD COAGULATION/ CORTISONE, pharmacodynamics/ DRUG ANTAGONISM/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PHENOTHIAZINES, pharmacodynamics/ SALICYLATES, pharmacodynamics/ \*TOOTH EXTRACTION
4224. Meyer MC, Guttman DE: Dynamic dialysis as a method for studying protein binding. II. Evaluation of the method with a number of binding systems.  
*J Pharm Sci* 59:39-48, Jan 70  
 CAFFEINE/ \*DIALYSIS/ DYES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ \*PROTEIN BINDING/ SERUM ALBUMIN, BOVINE/



# AUTHOR SECTION

SPECTROPHOTOMETRY/ THEOPHYLLINE/  
WARFARIN

4225. Meyer ME: Brucella organisms isolated from dogs: comparison of characteristics of members of the genus Brucella. Amer J Vet Res 30:1751-6, Oct 69  
ABORTION, VETERINARY/ ALANINE/  
ARABINOSIDE/ ARGININE/ ASPARAGINE/  
\*BRUCELLA, classification/ BRUCELLA,  
growth & development/ BRUCELOSIS,  
microbiology/ BRUCELOSIS, veterinary/  
CITRULLINE/ CULTURE MEDIA/ DOG  
DISEASES, microbiology/ DOGS/ GALACTOSE/  
GLUTAMATES/ HEMATOMA, microbiology/  
HUMAN/ LYSINE/ ORNITHINE/ RIBOSE/  
XYLOSE
4226. Meyer-Bertenrath J, Kaffarnik H: Zur enteralen Resorption von Aescin. Arzneimittelforschung 20:147-8, Jan 70 (Ger)  
AESCULUS, analysis/ AESCULUS, blood/  
\*AESCULUS, metabolism/ AESCULUS, urine/  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY, THIN LAYER/  
DUODENUM, analysis/ ENGLISH ABSTRACT/  
\*INTESTINAL ABSORPTION/ LIVER, analysis/  
MALE/ METHODS/ MICE/ MYOCARDIUM,  
analysis/ STOMACH, analysis/ TIME  
FACTORS/ TRITIUM
4227. Meyers BR, Hirschman SZ, Sloan W: Generalized Schwartzman reaction in man after a dog bite. Consumption coagulopathy, symmetrical peripheral gangrene, and renal cortical necrosis. Ann Intern Med 73:433-8, Sep 70  
ADULT/ \*BITES AND STINGS, complications/  
BITES AND STINGS, drug therapy/ BRAIN  
ABSCISS, etiology/ BRONCHOPNEUMONIA,  
etiology/ CASE REPORT/ \*DOGS/  
\*GANGRENE, etiology/ HUMAN/ KIDNEY  
CORTEX NECROSIS, diagnosis/ \*KIDNEY  
CORTEX NECROSIS, etiology/ LUNG  
ABSCISS, etiology/ MALE/ PASTEURELLA  
INFECTIONS, complications/ PENICILLIN G,  
BENZATHINE, therapeutic use/  
\*SHWARTZMAN PHENOMENON, etiology/  
STOMACH ULCER, etiology/  
SULFISOXAZOLE, therapeutic use/ TETANUS  
TOXOID/ THROMBOPHLEBITIS, etiology
4228. Meyers NL, Brewer GJ, Tashian RE: Enzymatic synthesis of carbonic anhydrases by human reticulocytes. Biochim Biophys Acta 195:176-85, 19 Nov 69  
AMINO ACIDS, metabolism/ \*ANEMIA,  
HEMOLYTIC, enzymology/ CARBON DIOXIDE/  
CARBON ISOTOPES/ \*CARBONIC  
ANHYDRASE, biosynthesis/ CARBONIC  
ANHYDRASE, blood/ CHROMATOGRAPHY,  
THIN LAYER/ ELECTROPHORESIS/  
\*HEMOGLOBIN, metabolism/ HUMAN/  
\*ISOENZYMES, biosynthesis/ METHODS/  
MICROCHEMISTRY/ OXYGEN/ PARTIAL  
PRESSURE/ PEPTIDES, analysis/  
PHOTOMICROGRAPHY/ \*PROTEINS, analysis/  
RADIOAUTOGRAHY/ \*RETICULOCYTES,  
enzymology/ RETICULOCYTES, metabolism/  
RNA, MESSENGER, metabolism/ STARCH/  
TRITIUM/ TRYPSIN
4229. Meyers WM: Importance of plasma fibrinolytic activity in leprosy patients. Int J Leprosy 37:343-50, Oct-Dec 69  
ADOLESCENCE/ ADULT/ ARTERITIS,  
complications/ ARTHRITIS, RHEUMATOID,  
complications/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
TESTS/ DAPSONE, therapeutic use/ FEMALE/  
HUMAN/ \*LEPROSY, complications/  
LEPROSY, drug therapy/ MALE/ MIDDLE  
AGE/ SERUM GLOBULINS, analysis
4230. Miall SH, Kato T, Tamaoki T: A factor promoting dissociation of Escherichia coli ribosomes. Nature (London) 226:1050-2, 13 Jun 70  
AMMONIUM CHLORIDE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHYMOTRYPSIN/ CYTOCHROMES, analysis/  
ELECTROPHORESIS, DISK/ ENZYME  
PRECURSORS, analysis/ \*ESCHERICHIA COLI,  
cytology/ MERCAPTOETHANOL/ MOLECULAR
- WEIGHT/ MYOGLOBIN, analysis/  
OVALBUMIN, analysis/ \*RIBOSOMES, analysis/  
SERUM ALBUMIN, BOVINE, analysis/ UREA
4231. Michaels L: Recurrence of thromboembolic disease after discontinuing anticoagulant therapy. A study of factors affecting incidence. Brit Heart J 32:359-64, May 70  
AGE FACTORS/ AGED/ ANGINA PECTORIS,  
complications/ \*ANTICOAGULANTS/  
ANTICOAGULANTS, administration & dosage/  
CORONARY DISEASE, complications/  
DIABETES MELLITUS, complications/  
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/  
HYPERCHOLESTEREMIA, complications/  
HYPERTENSION, complications/ MALE/  
MIDDLE AGE/ SEX FACTORS/  
THROMBOEMBOLISM, complications/  
\*THROMBOEMBOLISM, drug therapy/  
THROMBOEMBOLISM, etiology/  
\*THROMBOEMBOLISM, occurrence
4232. Michalowska R: Klinika i leczenie rozslanego wewnatrzaczynlowego krzepniecia krwi. Pol Tyg Lek 24:1418-21, 16 Sep 69 (10 ref.) (Pol)  
ANAPHYLAXIS, complications/  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ \*BLOOD COAGULATION DISORDERS/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ \*BLOOD PLATELET DISORDERS/  
BURNS, complications/ ENDOTOXINS/  
FIBRINOLYSIS/ HUMAN/ PURPURA,  
complications/ REVIEW/ SEPTICEMIA,  
complications/ SHWARTZMAN PHENOMENON
4233. Michel JF, Millet J: Physiological studies on early-blocked sporulation mutants of Bacillus subtilis. J Appl Bact 33:220-7, Mar 70  
AMYLASE, metabolism/ \*BACILLUS  
SUBTILIS, enzymology/ BACILLUS SUBTILIS,  
growth & development/ CASEIN/  
CHROMATOGRAPHY/ CULTURE MEDIA/  
ESTERASES, metabolism/ GENETICS,  
MICROBIAL/ \*MUTATION/ PEPTIDE  
HYDROLASES, metabolism/ PEPTIDE  
PEPTIDOHYDROLASES, metabolism/ \*SPORES,  
growth & development
4234. Michlmayr G, Huber H: Receptor sites for complement on certain human peripheral blood lymphocytes. J Immun 105:670-6, Sep 70  
ANTIBODIES/ ANTILYMPHOCYTE SERUM/  
\*BINDING SITES/ COLD/ \*COMPLEMENT/  
EDTA, pharmacodynamics/ ERYTHROCYTES,  
drug effects/ ERYTHROCYTES, immunology/  
HUMAN/ IN VITRO/ LEUKEMIA,  
LYMPHOCYTIC, immunology/ LYMPHOCYTES,  
drug effects/ \*LYMPHOCYTES, immunology/  
MONOCYTES, drug effects/ SERUM  
ALBUMIN, BOVINE/ SHEEP/ TRYPSIN,  
pharmacodynamics
4235. Michnėvič I: Srůstý po operacích v horní části břicha. Cesk Gastroent Vyz 24:36-9, Jan 70 (Cze)  
ABDOMEN, surgery/ \*ADHESIONS, diagnosis/  
FEMALE/ HUMAN/ LAPAROTOMY/ MALE/  
MIDDLE AGE/ \*POSTOPERATIVE  
COMPLICATIONS, diagnosis
4236. Michot F, Bürgli M, Büttner J: Rimactan (Rifampizin) und Antikoagulantientherapie. Schweiz Med Wschr 100:583-4, 28 Mar 70 (Ger)  
\*ACENOCOUMAROL, administration & dosage/  
ALANINE AMINOTRANSFERASE, blood/  
ALKALINE PHOSPHATASE, blood/  
ASPARTATE AMINOTRANSFERASE, blood/  
BILIRUBIN, blood/ BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ LIVER FUNCTION TESTS/ MALE/  
\*RIFOMYCIN, therapeutic use
4237. Middleton CJ, Howes EL, Mazens MF: Effects of dimethylsulfoxide on normal and burned dog skin. Proc Soc Exp Biol Med 134:1096-103, Sep 70  
ANIMAL EXPERIMENTS/ \*BURNS, drug  
therapy/ BURNS, metabolism/  
CLOSTRIDIOPEPTIDASE A/ \*COLLAGEN/  
\*DIMETHYL SULFOXIDE, therapeutic use/  
DOGS/ ELASTICITY/ PEPTIDE  
HYDROLASES/ PROTEIN DENATURATION/



# AUTHOR SECTION

- RABBITS/ \*SKIN, drug effects/ SKIN, enzymology/ SKIN, metabolism/ SOLUBILITY/ TRYPSIN
4238. Mielke CH Jr, Britten AF: Use of aspirin or acetaminophen in hemophilia. New Eng J Med 282:1270, 28 May 70  
\*ACETAMINOPHEN, adverse effects/ \*ASPIRIN, adverse effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ \*HEMOPHILIA/ HUMAN/ MALE
4239. Miert AS van, De la Parra DA: Inhibition of gastric emptying by endotoxin (bacterial lipopolysaccharide) in conscious rats and modification of this response by drugs affecting the autonomic nervous system. Arch Int Pharmacodyn 184:27-33, Mar 70  
ADRENALECTOMY/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*AUTONOMIC DRUGS, pharmacodynamics/ CARBACHOL, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ \*ENDOTOXINS, pharmacodynamics/ \*GASTROINTESTINAL MOTILITY, drug effects/ INSULIN, pharmacodynamics/ ISOCARBOXAZID, pharmacodynamics/ LIPOPOLYSACCHARIDES, pharmacodynamics/ METHODS/ METHYLDOPA, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ PRONETHALOL, pharmacodynamics/ PROPANOLOL, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ \*STOMACH, drug effects/ SYMPATHOLYTICS, pharmacodynamics
4240. Migita LK, Doi RH: The amino-terminal residues of *Bacillus subtilis* proteins made in vitro. J Biol Chem 245:2005-10, 25 Apr 70  
ALANINE/ \*BACILLUS SUBTILIS, metabolism/ \*BACTERIAL PROTEINS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ FOLIC ACID/ FORMIC ACIDS/ GEL FILTRATION/ KINETICS/ METHIONINE/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PEPTIDES, biosynthesis/ RNA, MESSENGER/ SERINE/ THREONINE/ TRITIUM/ VALINE
4241. Migne J, Chanfreau JM, Dubois J, et al: Effets comparatifs in vitro des macromolécules industrielles sur les facteurs de l'hémostase. Rev Franc Transfus 12:Suppl:427-38, 1969 (Fre)  
\*BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION FACTORS/ CALCIUM/ CLOT RETRACTION/ DEXTRAN, pharmacodynamics/ FIBRINOGEN, analysis/ GELATIN, pharmacodynamics/ GLUCOSE/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT/ \*PLASMA SUBSTITUTES, pharmacodynamics/ POLYVINYLPIRROLIDONE, pharmacodynamics/ THROMBELASTOGRAPHY
4242. Mihaesco C, Seligmann M: La structure des immunoglobulines M. Rev Franc Etud Clin Biol 14:843-7, Nov 69 (Fre)  
AMINO ACID SEQUENCE/ ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ CHEMISTRY/ ENGLISH ABSTRACT/ \*GAMMA GLOBULIN, 19S/ GAMMA GLOBULIN, 19S, biosynthesis/ GAMMA GLOBULIN, 19S, isolation & purification/ HUMAN/ IMMUNOELECTROPHORESIS/ MICROSCOPY, ELECTRON/ MOLECULAR BIOLOGY/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ ULTRACENTRIFUGATION
4243. Mihalyi E: Hydrogen ion titration curves of the native bovine fibrinogen and of bovine fibrinogen denatured of 5 M guanidine hydrochloride. Biochemistry (Wash) 9:804-16, 17 Feb 70  
CATTLE/ CHEMISTRY/ COMPUTERS/ \*FIBRINOGEN/ FORMALDEHYDE/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ MATHEMATICS/ OSMOLAR CONCENTRATION/ PROTEIN DENATURATION/ TEMPERATURE
4244. Mihara H, Ichihashi M, Okamoto S: [Studies on the activation mechanism of fibrinolysis by dextran sulphate] J Physiol Soc Jap 32:25-34, Jan 70 (Jap)  
BORATES, pharmacodynamics/ \*DEXTRAN, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ KAOLIN, pharmacodynamics/ PLASMA/ SERUM GLOBULINS/ STREPTOKINASE, pharmacodynamics/ SULFATES, pharmacodynamics/ TRYPSIN, pharmacodynamics
4245. Mikes A, Bratic-Mikes V: Akutna promijelocitna leukemija. Citološke i koagulopatske karakteristike. Med Pregl 22:189-95, 1969 (Ser)  
ADULT/ AGED/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*LEUKEMIA, MYELOBLASTIC, diagnosis/ MALE/ MIDDLE AGE
4246. Mikhailova LV, Byshevskii ASH: Vliianie prodolzhitel'nogo vozdeistviia zvuka na sostoiianie sistemy svertyvaniia krovi v usloviakh éksperimenta. Glg Tr Prof Zabol 13:55-6, Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ INDUSTRIAL MEDICINE/ NOISE/ RATS/ \*SOUND
4247. Mikhailova LV, Byshevskii ASH: Ugnetenie fiziológeskoi protivosvertyvalushchei sistemy pri dlitel'nom vozdeistvii zvuka. Bull Eksp Biol Med 69:28-32, Feb 70 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ RATS/ \*SOUND/ TIME FACTORS
4248. Mikhnovich EP, Antonova EV, Shulutko LS, et al: Izmenenie nekotorykh biokhímicheskikh pokazatelei krovi, konservirovannoi razlichnymi metodami, pri retsirkulatsii ee v apparate iskusstvennogo krovoobrashcheniia isl-2. Probl Gemat 14:49-53, Sep 69 (Rus)  
\*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ ERYTHROCYTES/ EXTRACORPOREAL CIRCULATION/ HEMOGLOBINOMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOTIC FRAGILITY/ PHOSPHATES, blood
4249. Miklaszewska J, Kusionowicz J, Krucińska J, et al: Splenektomia w świetle spostrzeżeń własnych. Pol Tyg Lek 25:577-9, 20 Apr 70 (Pol)  
ADULT/ \*ANEMIA, HEMOLYTIC, ACQUIRED, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ \*SPLENECTOMY/ SPLENOMEGALY, complications/ THROMBOPENIA, etiology/ \*THROMBOPENIA, therapy
4250. Milgrom E, Baulieu EE: Progesterone in uterus and plasma. I. Binding in rat uterus 105,000 g supernatant. Endocrinology 87:276-86, Aug 70  
ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD PROTEINS, analysis/ CASTRATION/ CHROMATOGRAPHY/ DEOXYRIBONUCLEASE/ ELECTROPHORESIS/ ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROCORTISONE/ IMMUNE SERUMS/ PEPTIDE HYDROLASES/ \*PROGESTERONE, metabolism/ \*PROTEIN BINDING/ PUBERTY/ RADIOMETRY/ RATS/ RIBONUCLEASE/ TRANCORTIN/ TRITIUM/ TRYPSIN/ ULTRACENTRIFUGATION/ UTERUS, blood supply/ \*UTERUS, metabolism
4251. Millard CA: Antepartum pulmonary emboli. Rhode Island Med J 53:373-5, Jul 70  
\*COUMARINS, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ \*HEPARIN, therapeutic use/ HUMAN/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ \*PULMONARY EMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy



## AUTHOR SECTION

4252. Miller A: Idiopathic joint apoplexy. Arthritis Rheum 12:646, Dec 69  
DIAGNOSIS, DIFFERENTIAL/ \*HEMANGIOMA, diagnosis/ HUMAN/ \*JOINT DISEASES, diagnosis/ \*SYNOVIAL MEMBRANE
4253. Miller DR: Benign tumors of lung and tracheobronchial tree. Ann Thorac Surg 8:542-60, Dec 69 (132 ref.)  
ANGIOMA, SCLEROSING, classification/ ARTERIOVENOUS FISTULA, classification/ BONE NEOPLASMS, classification/ \*BRONCHIAL NEOPLASMS, classification/ FIBROMA, classification/ HAMARTOMA, classification/ HEMANGIOMA, classification/ HUMAN/ LEIOMYOMA, classification/ \*LUNG NEOPLASMS, classification/ LYMPHANGIOMA, classification/ LYMPHOMA, classification/ MYOBLASTOMA, classification/ NEURILEMMOMA, classification/ NEUROFIBROMA, classification/ NEUROMA, classification/ PAPILLOMA, classification/ PLASMACYTOMA, classification/ POLYPS, classification/ REVIEW/ TERATOID TUMOR, classification/ THYMOMA, classification/ \*TRACHEAL NEOPLASMS, classification/ XANTHOMATOSIS, classification
4254. Miller DR, Hanshaw JB, O'Leary DS, et al: Fatal disseminated herpes simplex virus infection and hemorrhage in the neonate. Coagulation studies in a case and a review. J Pediat 76:409-15, Mar 70  
AUTOPSY/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CYTOPATHOGENIC EFFECT, VIRAL/ ERYTHROCYTES/ FIBRIN, analysis/ FIBRINOGEN, analysis/ \*HEMORRHAGE, etiology/ HERPES SIMPLEX, blood/ \*HERPES SIMPLEX, complications/ HERPES SIMPLEX, drug therapy/ HERPES SIMPLEX, pathology/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ PROTHROMBIN TIME
4255. Miller GA: Massive pulmonary embolism—medical management. Brit Med J 2:777-8, 27 Jun 70  
ANTICOAGULANTS, therapeutic use/ HEPARIN, administration & dosage/ HUMAN/ PROGNOSIS/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ \*PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, surgery/ STREPTOKINASE, administration & dosage/ THROMBOPHLEBITIS, drug therapy
4256. Miller LA, Clifford JH, Davidson SB: Temperature stabilization of whole blood coagulation times using a portable incubation block. Techn Bull Regl Med Techn 39:242-5, Nov 69  
\*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, instrumentation/ \*BLOOD PRESERVATION/ HUMAN/ METHODS/ \*TEMPERATURE/ TIME FACTORS
4257. Miller RC Jr: Early intracellular events in the replication of T4 bacteriophage deoxyribonucleic acid. VII. 32P suicide stabilization. J Virol 5:533-5, Apr 70  
CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ COLIPHAGES, analysis/ \*COLIPHAGES, growth & development/ COLIPHAGES, radiation effects/ \*DNA REPLICATION/ DNA, VIRAL, analysis/ DNA, VIRAL, isolation & purification/ EDTA/ ESCHERICHIA COLI/ GENETICS, MICROBIAL/ PEPTIDE HYDROLASES/ PHENOLS/ PHOSPHORUS ISOTOPES/ SODIUM/ SODIUM CHLORIDE/ SULFATES/ TIME FACTORS
4258. Miller RC Jr, Kozinski AW: Early intracellular events in the replication of bacteriophage T4 deoxyribonucleic acid. V. Further studies on the T4 protein-deoxyribonucleic acid complex. J Virol 5:490-501, Apr 70  
CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORAMPHENICOL, pharmacodynamics/ CHLORIDES/ COLIPHAGES, growth & development/ \*COLIPHAGES, metabolism/ \*DNA REPLICATION/ \*DNA, VIRAL, metabolism/ ESCHERICHIA COLI/ GENETICS, MICROBIAL/ MUTATION/ PEPTIDE HYDROLASES, metabolism/ PHENOLS/ PHOSPHORUS ISOTOPES/ SODIUM/ SULFATES/ THYMIDINE, metabolism/ TRITIUM/ ULTRAVIOLET RAYS/ \*VIRAL PROTEINS, metabolism
4259. Miller RR, De Young DV, Paxinos J: Enzymes for trauma. Postgrad Med J 46:154-8, Mar 70 (24 ref.)  
CHYMOTRYPSIN, administration & dosage/ DEOXYRIBONUCLEASE, administration & dosage/ ENZYMIC ZONULOLYSIS/ FIBRINOLYSIS, administration & dosage/ HUMAN/ INFLAMMATION, drug therapy/ \*PEPTIDE HYDROLASES, administration & dosage/ PEPTIDE HYDROLASES, adverse effects/ REVIEW/ STREPTODORNASE AND STREPTOKINASE, administration & dosage/ TRYPSIN, administration & dosage/ \*WOUNDS AND INJURIES, drug therapy
4260. Miller S: Tetrahydrofolate cofactors in the housefly *Musca domestica*. Comp Biochem Physiol 30:955-63, 1 Sep 69  
ALCOHOLS/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ \*FOLIC ACID, metabolism/ GEL FILTRATION/ GLUTAMATES, metabolism/ \*HOUSEFLIES/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ SPECTRUM ANALYSIS/ SULFUR/ ULTRAVIOLET RAYS/ ZINC
4261. Miller WR: Lipolytic activity in the pancreas. Biochem J 115:49P-50P, Dec 69  
ALBUMINS, pharmacodynamics/ CALCIUM, pharmacodynamics/ CHROMATOGRAPHY/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ LIPASE, antagonists & inhibitors/ \*LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ MOLECULAR WEIGHT/ \*PANCREAS, enzymology/ PROTAMINES, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ TRIGLYCERIDES, metabolism
4262. Miller WT, Scott J, Rosato EF, et al: Ischemic colitis with gangrene. Radiology 94:291-7, Feb 70  
AGED/ BARIUM SULFATE/ \*COLITIS, ULCERATIVE, complications/ \*COLONIC DISEASES, etiology/ COLONIC DISEASES, radiography/ DIAGNOSIS, DIFFERENTIAL/ DILATATION, radiography/ FEMALE/ \*GANGRENE, etiology/ HEMATOMA, complications/ HUMAN/ INTESTINAL DISEASES, etiology/ MALE/ MEGACOLON, radiography/ RETROPERITONEAL SPACE
4263. Miller WV, Gillem HG, Yankee RA, et al: Pooled platelet concentrates prepared in a new blood bank centrifuge. Transfusion 9:251-4, Sep-Oct 69  
BLOOD CELL COUNT/ BLOOD FLOW VELOCITY/ \*BLOOD PLATELETS/ CENTRIFUGATION/ HUMAN/ \*PLASMAPHERESIS, instrumentation
4264. Milleret PG: Traitement médical d'une thrombose veineuse aigue. Phlebologie 23:39-45, Jan-Mar 70 (Fre)  
ACENOCOUMAROL, therapeutic use/ ACUTE DISEASE/ \*ANTICOAGULANTS, therapeutic use/ BANDAGES/ CALCIUM, therapeutic use/ ETHYL BISCOUMACETATE, therapeutic use/ FEMORAL ARTERY/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ LIDOCAINE, therapeutic use/ PHENINDIONE, therapeutic use/ \*THROMBOPHLEBITIS, drug therapy
4265. Millet J: Caractérisation de deux endopeptidases excrétées par *B. subtilis* Marburg au cours de la sporulation. Bull Soc Chim Biol (Paris) 51:457-69, 25 Jul 69 (Fre)  
\*BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ CHROMATOGRAPHY, ION EXCHANGE/ EDTA/ ENGLISH ABSTRACT/ ESTERASES/



# AUTHOR SECTION

- GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUOROPHATE/ KINETICS/ METALS/ MUTATION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ \*PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES/ PRECIPITATION/ SERINE/ \*SPORES
4266. Millet J: Characterization of proteinases excreted by *Bacillus subtilis* Marburg strain during sporulation. *J Appl Bact* 33:207-19, Mar 70  
\*BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ EDTA, pharmacodynamics/ ELECTROPHORESIS/ ESTERASES, antagonists & inhibitors/ ESTERASES, isolation & purification/ \*ESTERASES, metabolism/ FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUOROPHATE, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ \*PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ SPORES, growth & development
4267. Millet J, Acher R, Aubert JP: Biochemical and physiological properties of an extracellular protease produced by *Bacillus megaterium*. *Biotechn Bioengin* 11:1233-46, Nov 69  
ACETATES, pharmacodynamics/ AMINO ACIDS, metabolism/ \*BACILLUS MEGATERIUM, enzymology/ BACILLUS MEGATERIUM, growth & development/ CALCIUM/ CULTURE MEDIA/ CYTOCHROMES, metabolism/ GALACTOSIDASE, metabolism/ GLUCAGON, metabolism/ GLUCOSE, pharmacodynamics/ INSULIN, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ \*PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ PHENANTHROLINES, pharmacodynamics/ SPORES, enzymology
4268. Millet J, Aubert JP: Etude de la mégatéropeptidase, protéase exocellulaire de *Bacillus megaterium*. 3. Biosynthèse et rôle physiologique. *Ann Inst Pasteur (Paris)* 117:461-73, Oct 69 (Fre)  
AMINO ACIDS, metabolism/ \*BACILLUS MEGATERIUM, enzymology/ CULTURE MEDIA/ ENGLISH ABSTRACT/ ENZYME REPRESSION/ GALACTOSIDASE/ HYDROGEN-ION CONCENTRATION/ \*PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, physiology/ SPORES, enzymology
4269. Milligan HL, Davis JW, Edmark KW: The search for the nonthrombogenic property of colloidal graphite. *J Biomed Mat Res* 4:121-38, Mar 70  
ALLOYS/ BENZALKONIUM CHLORIDE/ BLOOD/ BLOOD PROTEINS/ \*BLOOD VESSEL PROSTHESIS/ \*CARBON/ CHEMISTRY/ ELECTROPHORESIS/ HEPARIN/ METALS/ OXIDATION-REDUCTION/ PHYSICS/ THROMBOSIS, prevention & control
4270. Millman I, Loeb LA, Bayer ME, et al: Australia antigen (a hepatitis-associated antigen): purification and physical properties. *J Exp Med* 131:1190-9, 1 Jun 70  
AMYLASE, pharmacodynamics/ \*ANTIGENS, isolation & purification/ CENTRIFUGATION/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ DEOXYRIBONUCLEASE, pharmacodynamics/ GEL FILTRATION/ HEPATITIS, infectious, immunology/ HEPATITIS VIRUS, HOMOLOGOUS SERUM, classification/ \*HEPATITIS VIRUS, HOMOLOGOUS SERUM, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ LEUKEMIA, immunology/ LIPASE, pharmacodynamics/ MICROSCOPY, ELECTRON/ MONGOLISM, immunology/ NEURAMINIDASE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHORUS ISOTOPES/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics
4271. Millman I, London WT, Sutnick AI, et al: Australia antigen-antibody complexes. *Nature (London)* 226:83-4, 4 Apr 70  
AMYLASE/ \*ANTIGEN-ANTIBODY REACTIONS/ DEOXYRIBONUCLEASE/ GEL DIFFUSION TESTS/ HEPATITIS, infectious, immunology/ \*HEPATITIS VIRUS, HOMOLOGOUS SERUM, immunology/ HUMAN/ LIPASE/ MENTAL RETARDATION, immunology/ NEURAMINIDASE/ PHOSPHOLIPASE/ RIBONUCLEASE/ TRYPSIN
4272. Mills D, Karparkin S: Heterogeneity of human fibrinogen: possible relation to proteolysis by thrombin and plasmin as studies by SDS-polyacrylamide gel electrophoresis. *Biochem Biophys Res Commun* 40:206-11, 13 Jul 70  
ALCOHOL, ETHYL/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS/ \*FIBRINOGEN/ \*FIBRINOLYSIS/ HUMAN/ MOLECULAR WEIGHT/ SOLUBILITY/ \*THROMBIN
4273. Mills DA, Triantaphyllopoulos DC: Distribution of carbohydrate among the polypeptide chains and plasmin digest products of human fibrinogen. *Arch Biochem* 135:28-35, Dec 69  
AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ \*FIBRINOGEN, analysis/ FIBRINOLYSIS/ GEL FILTRATION/ GLUCOSAMINE, analysis/ \*GLYCOPROTEINS, analysis/ HEXOSES, analysis/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ \*PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SULFIDES/ SULFONIC ACIDS/ TIME FACTORS/ TRYPSIN
4274. Mills JB, Howard SC, Scapa S, et al: Cyanogen bromide cleavage and partial amino acid sequence of porcine growth hormone. *J Biol Chem* 245:3407-15, 10 Jul 70  
AMINO ACID SEQUENCE/ \*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ CYANIDES/ GEL FILTRATION/ HUMAN/ PEPsin/ PEPTIDES, analysis/ \*SOMATOTROPIN, analysis/ SWINE/ TRYPSIN
4275. Minauf M, Stochdorph O: Das ZNS bei Morbus Whipple. *Arch Psychiat Nervenkr* 212:180-99, 1969 (Ger)  
ADHESIONS/ ADULT/ ARTHRITIS, RHEUMATOID, etiology/ AUTOPSY/ CENTRAL NERVOUS SYSTEM, physiopathology/ \*CENTRAL NERVOUS SYSTEM DISEASES, etiology/ ENCEPHALITIS, etiology/ ENGLISH ABSTRACT/ HUMAN/ \*LIPODYSTROPHY, INTERSTINAL, complications/ LIPODYSTROPHY, INTERSTINAL, physiopathology/ MACROPHAGES/ MALE/ MIDDLE AGE/ MYOCLONUS, etiology/ OCULOMOTOR PARALYSIS, etiology
4276. Minoba Y, Sakai M, Fujino K, et al: [Symposium problems in extracorporeal circulation] *Iryo* 23:204-8, 1969 (Jap)  
ANESTHESIA/ CHILD, PRESCHOOL/ \*EXTRACORPOREAL CIRCULATION/ HEART DEFECTS, CONGENITAL, surgery/ HUMAN/ INFANT/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use
4277. Mischel HR: Prostatakarzinom und saure Phosphatasen. *Schweiz Med Wschr* 99:1357-61, 20 Sep 69 (Ger)  
\*ACID PHOSPHATASE, blood/ ADULT/ AGED/ BLOOD PLATELET DISORDERS, blood/ BONE DISEASES, blood/ BONE NEOPLASMS, blood/ ENGLISH ABSTRACT/



## AUTHOR SECTION

- FEMALE/ GAUCHER'S DISEASE, blood/  
HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM  
METASTASIS, blood/ \*PROSTATIC  
NEOPLASMS, blood/ PULMONARY  
EMBOLISM, blood
4278. Misharev OS, Epshtein IaS, Fradkin SZ, et al:  
Regionarnala perfuziia v lechenii ostroi ishemii  
konechnosti.  
Khirurgiia (Moskva) 45:35-9, Jun 69 (Rus)  
\*BLOOD VESSELS, surgery/ ENGLISH  
ABSTRACT/ FIBRINOLYTIC AGENTS,  
administration & dosage/ HUMAN/  
\*INJECTIONS, INTRA-ARTERIAL/ \*ISCHEMIA,  
drug therapy/ METHODS/ PERFUSION
4279. Mishchenko VP: Okazyvet li vliianie heparin na  
vydelenie tkanevykh faktorov svertyvaniia krovi iz  
sosudistoï stenki.  
Pat Fiziol Eksp Ter 14:45-9, Jan-Feb 70 (Rus)  
ANIMAL EXPERIMENTS/ \*ARTERIES,  
secretion/ \*BLOOD COAGULATION, drug  
effects/ \*BLOOD COAGULATION FACTORS,  
secretion/ CAROTID ARTERIES, secretion/  
DOGS/ ENGLISH ABSTRACT/ \*HEPARIN,  
pharmacodynamics/ HEPARIN, physiology/  
JUGULAR VEIN, secretion
4280. Mishra KC, Mishra SS: Effect of oral contraceptives on  
the blood coagulation in experimental animals.  
Indian J Med Res 57:1734-7, Sep 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ \*CONTRACEPTIVES,  
ORAL, pharmacodynamics/ ETHINYL  
ESTRADIOL, pharmacodynamics/  
NORETHYNODREL, pharmacodynamics/  
RABBITS
4281. Mishra KC, Sharma RC, Sharma YN, et al:  
Anticoagulant activity of Heracenin.  
Indian J Physiol Pharmacol 13:153-5, Jul 69  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, pharmacodynamics/  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/  
COMPARATIVE STUDY/ \*COUMARINS,  
pharmacodynamics/ ETHYL  
BISCOUMACETATE, pharmacodynamics/  
MALE/ PROTHROMBIN TIME/ RABBITS
4282. Mitchell PS, Beller FK: Quantitation of the coagulation  
inhibition in vivo due to breakdown products of fibrin.  
Thromb Diath Haemorrh 23:477-85, 30 Jun 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ FEMALE/ \*FIBRIN/ FIBRINOGEN/  
FIBRINOLYTIC AGENTS, pharmacodynamics/  
GEL DIFFUSION TESTS/ IMMUNE SERUMS/  
IMMUNOCHEMISTRY/  
IMMUNOELECTROPHORESIS/  
KALLIKREIN-TRYPSIN INACTIVATOR/  
RABBITS/ THROMBELASTOGRAPHY/  
THROMBIN
4283. Mitchell WM, Heaton FC, Little RW, et al: Comparative  
aspects of sugar penetration into blood platelets.  
Comp Biochem Physiol 32:813-5, 15 Feb 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
TRANSPORT/ \*BLOOD PLATELETS,  
metabolism/ CELL MEMBRANE  
PERMEABILITY/ DENSITOMETRY/  
DIFFUSION/ DOGS/ GLUCOSE, metabolism/  
HYDROGEN-ION CONCENTRATION/  
\*MONOSACCHARIDES, metabolism/ RIBOSE,  
metabolism/ SHEEP/ SORBOSE, metabolism/  
TIME FACTORS/ XYLOSE, metabolism
4284. Mitrofanov EI, Uzun GV: Dva nabliudeniia opukholi  
selezenki. Klin Khir (Kiev) 2:59-62, Feb 69 (Rus)  
ADULT/ \*ANGIOSARCOMA/ CASE REPORT/  
FEMALE/ \*HEMANGIOMA/ HUMAN/ LIVER  
NEOPLASMS, complications/ \*SPLENIC  
NEOPLASMS/ SPLENIC NEOPLASMS,  
complications
4285. Mitschek GH: Das Fäkalogramm und seine praktische  
Bedeutung.  
Verh Deutsch Ges Path 53:161-2, 1969 (Ger)  
CHYMOTRYPSIN, analysis/ DIET/ ENGLISH
- ABSTRACT/ \*FECES, analysis/ FECES,  
microbiology/ GASTROINTESTINAL DISEASES,  
diagnosis/ HUMAN/ LIPIDS, analysis/  
METHODS/ NITROGEN, analysis/ OCCULT  
BLOOD/ TRYPSIN, analysis
4286. Mitsui T: Fibrinolysis in skin allograft.  
Nagoya Med J 15:203-22, Dec 69  
ANIMAL EXPERIMENTS/ \*FIBRINOLYSIS/  
LIVER, physiology/ LYMPH NODES,  
physiology/ RATS/ \*SKIN, transplantation/  
SPLEEN, physiology/ TRANSPLANTATION,  
AUTOLOGOUS/ TRANSPLANTATION,  
HOMOLOGOUS
4287. Mitsuyasu G: [Tumor of the right buttock]  
Jap J Clin Path 18:38-9, Jan 70 (Jap)  
ADULT/ \*BUTTOCKS, pathology/ CASE  
REPORT/ HEMATOMA, complications/  
HUMAN/ MALE/ \*NEVUS, pathology/ \*SKIN  
NEOPLASMS, pathology
4288. Mittal SK: Consumptive coagulopathy.  
Indian J Pediat 37:73-6, Feb 70  
\*BLOOD COAGULATION DISORDERS/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD COAGULATION DISORDERS,  
etiology/ BLOOD COAGULATION DISORDERS,  
pathology/ CHILD/ HUMAN
4289. Mitze R, Hahn F, Giertz H: Heparin and histaminase  
release by anaphylatoxin in guinea pigs.  
Int Arch Allerg 37:248-57, 1970  
ANAPHYLAXIS, blood/ \*ANAPHYLAXIS,  
metabolism/ ANIMAL EXPERIMENTS/  
ANTIGENS/ FEMALE/ GUINEA PIGS/  
\*HEPARIN, blood/ \*HISTAMINASE, blood/  
HISTAMINE, analysis/ \*HISTAMINE  
LIBERATION, drug effects/ IMMUNIZATION/  
LIVER, enzymology/ MALE/ OVALBUMIN/  
\*PEPTIDES, pharmacodynamics/ \*TOXINS,  
pharmacodynamics
4290. Miura S: [Electron microscope studies on intestinal  
smooth muscle. II. Changes of dense bodies and dense  
patches caused by various biochemical treatment]  
Sapporo Med J 35:422-33, Jun 69 (Jap)  
ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
DOGS/ ENGLISH ABSTRACT/ GLYCERIN,  
pharmacodynamics/ \*ILEUM, cytology/ IN  
VITRO/ MICROSCOPY, ELECTRON/  
\*MUSCLE, SMOOTH, cytology/ MYOFIBRILS,  
cytology/ \*MYOFIBRILS, drug effects/  
TRYPSIN, pharmacodynamics
4291. Miya F, Hill G, Carlquist JH: A refrigerator-freezer for  
the differential storage of human blood.  
Techn Bull Regist Med Techn 39:207-9, Sep 69  
\*BLOOD PRESERVATION/ \*REFRIGERATION,  
instrumentation
4292. Miyagawa K, Kawakita Y: [Ultrastructure of blood  
platelets in various hematologic disorders]  
Acta Haemat Jap 32:64-71, Feb 69 (Jap)  
\*ANEMIA, APLASTIC/ \*ANEMIA, SPLENIC/  
\*BLOOD PLATELETS/ ENGLISH ABSTRACT/  
HUMAN/ \*LEUKEMIA, MYELOCYTIC/  
MICROSCOPY, ELECTRON/ MITOCHONDRIA/  
\*PURPURA, THROMBOPENIC
4293. Miyakawa M, Sumi Y, Hirano T, et al: Studies on  
germfree rearing of pigs.  
Jap J Vet Sci 31:199-206, Aug 69  
ANIMAL EXPERIMENTS/ BREEDING/ DIET/  
\*GERM-FREE LIFE/ METHODS/ \*SWINE/  
VITAMIN A/ VITAMIN K
4294. Miyake S, Sugimura T: Utilization of protoporphyrin  
for the synthesis of cytochrome C in yeast deficient of  
heme biosynthesis.  
Biochem Biophys Res Commun 40:85-90, 13 Jul 70  
CARBON ISOTOPES/ CHROMATOGRAPHY/  
\*CYTOCHROMES, biosynthesis/  
ELECTROPHORESIS/ \*HEME, biosynthesis/  
OXYGEN CONSUMPTION, drug effects/  
\*PORPHYRINS, pharmacodynamics/  
SACCHAROMYCES, drug effects/  
\*SACCHAROMYCES, metabolism/ TRYPSIN



## AUTHOR SECTION

4295. Miyar Gonzalez A: Tumores del mesenterio. Presentación de un caso de hemangioma cavernoso. Rev Esp Enferm Apar Dig 28:521-30, Apr 69 (Spa)  
ADULT/ FEMALE/ \*HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MESENTERIC CYST, classification/ \*MESENTERIC CYST, pathology/ MESENTERIC CYST, surgery
4296. Miyatani K, Fukui I, Ide M, et al: [Quantitative determination of human serum proteins using immunodiffusion plates. II. Evaluation of normal values of alpha 1-antitrypsin, haptoglobin and alpha 2-macroglobulin] Jap J Clin Path 17:850-2, Nov 69 (Jap)  
ADULT/ \*ALPHA GLOBULIN, analysis/ FEMALE/ \*GEL DIFFUSION TESTS/ \*HAPTOGLOBINS, analysis/ HUMAN/ \*MACROGLOBULINS, analysis/ MALE/ SEX FACTORS/ TEMPERATURE/ \*TRYPSIN INHIBITORS, analysis
4297. Miyatani K, Fukui I: [Difference between serum and euglobulin in the determination of fibrinolytic activity by streptokinase: differences of fibrinolytic activity in various diseases] Jap J Clin Path 18:512-4, Jul 70 (Jap)  
COMPARATIVE STUDY/ \*FIBRINOLYSIS/ HUMAN/ MALE/ \*SERUM GLOBULINS, analysis/ \*STREPTOKINASE
4298. Miyatani K, Fukui I: [Difference between serum and euglobulin in the determination of fibrinolytic activity by SK-method; evaluation of determination methods for the fibrinolytic activity] Jap J Clin Path 18:447-50, Jun 70 (Jap)  
COMPARATIVE STUDY/ \*FIBRINOLYSIS/ HUMAN/ \*PLASMA/ \*SERUM GLOBULINS/ \*STREPTOKINASE, diagnostic use
4299. Miyazaki M, Tateishi H, Okuno Y: [Clinical use of anti-inflammatory enzyme, Sa-001(Jeoase) in pharyngolaryngeal complications after intratracheal intubation] Jap J Anesth 18:722-30, Aug 69 (Jap)  
ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ HUMAN/ \*INTUBATION, INTRATRACHEAL, adverse effects/ \*LARYNGEAL DISEASES, prevention & control/ MALE/ MICE/ MIDDLE AGE/ \*PEPTIDE HYDROLASES, therapeutic use/ \*PHARYNGEAL DISEASES, prevention & control/ RATS
4300. Miyazaki Y, Mikami N, Suematsu K: [Traumatic intracranial hematoma without angiographic deviation of the anterior section of the superior cerebral artery] Brain Nerve (Tokyo) 22:661-75, Jun 70 (Jap)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BRAIN INJURY, ACUTE, complications/ \*CEREBRAL ANGIOGRAPHY/ \*CEREBRAL ARTERIES, radiography/ \*CEREBRAL HEMORRHAGE, radiography/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ \*HEMATOMA, radiography/ HEMATOMA, EPIDURAL, radiography/ HEMATOMA, SUBDURAL, radiography/ HUMAN/ MIDDLE AGE
4301. Miyazawa T: [Fibrinolysis in the Schwartzman type tissue reaction] Jap J Clin Path 18:569-70, Aug 70 (Jap)  
ANIMAL EXPERIMENTS/ \*FIBRINOLYSIS/ GUINEA PIGS/ RABBITS/ \*SHWARTZMAN PHENOMENON, physiopathology
4302. Mizin II: Predtromboticheskie sostoianniia u bol'nykh gipertonicheskoi bolezni i aterosklerozom. Klin Med (Moskva) 47:48-52, Jul 69 (Rus)  
\*ARTERIOSCLEROSIS, blood/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ HUMAN/ \*HYPERTENSION, blood
4303. Mizin II: Svertyvaemost' krovi u bol'nykh gipertonicheskoi bolezni i aterosklerozom pri sanatorno-kurortnom lechenii na luzhnom beregu Kryma v razlichnye periody goda. Vop Kurort Fizioter 33:320-2, Jul-Aug 68 (Rus)  
\*ARTERIOSCLEROSIS, blood/ \*BLOOD COAGULATION/ \*HEALTH RESORTS/ HUMAN/ \*HYPERTENSION, blood/ RUSSIAN FEDERATION (EUROPE)/ \*SEASONS
4304. Mizuno S, Takamatsu S, Tamada Y, et al: [Electrophoretic study of blood proteins in patients with sequelae of cerebrovascular disorders] Naika 24:575-80, Sep 69 (Jap)  
ADULT/ AGE FACTORS/ AGED/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, analysis/ \*CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, complications/ FACTOR V, analysis/ FEMALE/ GAMMA GLOBULIN, analysis/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ SERUM ALBUMIN, analysis/ TIME FACTORS
4305. Mkrtumova NA: Vnutrikletochnoe raspredelenie aktivnosti tireoidnykh proteaz i sodержanie tireoidnykh gormonov v krovi pri nekotorykh patologicheskikh sostoianniakh shchitovidnoi zhelezy cheloveka. Probl Endokr Gormonoter 13:61-4, Jan-Feb 67 (Rus)  
ENGLISH ABSTRACT/ \*GOITER, enzymology/ \*GOITER, EXOPHTHALMIC, enzymology/ HUMAN/ MICROSOMES, analysis/ MITOCHONDRIA, analysis/ \*PEPTIDE HYDROLASES, analysis/ PROTEIN-BOUND IODINE TEST/ \*THYROID GLAND, enzymology
4306. Mnatsakanian EA, Gorovits GV: Primenenie elektroforeticheskogo vvedeniia proteoliticheskikh fermentov v stomatologicheskoi praktike. Zh Eksp Klin Med 10:94-9, 1970 (Rus)  
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ \*IONTOPHORESIS/ MALE/ \*PEPTIDE HYDROLASES, therapeutic use/ \*PERIODONTITIS, drug therapy
4307. Mňouček K: Přspěvek k polarografickému a spektrálnímu studiu ve vodě rozpustného vitamínu K3 (Menadion-natriumbisulfitu) Cesk Farm 19:133-8, May 70 (Cze)  
ENGLISH ABSTRACT/ \*POLAROGRAPHY/ \*SPECTROPHOTOMETRY/ \*VITAMIN K
4308. Mobin-Uddin K, McLean R, Jude JR: A new catheter technique of interruption of inferior vena cava for prevention of pulmonary embolism. Amer Surg 35:889-94, Dec 69  
ANESTHESIA, LOCAL/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ BLOOD VESSEL PROSTHESIS/ \*CATHETERIZATION/ DOGS/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ \*PULMONARY EMBOLISM, prevention & control/ \*VENA CAVA, INFERIOR, surgery
4309. Mocellini Iturralde JA, Millán C, Rubi RA: Hematoma renal subcapsular. Rev Argent Urol 36:238-40, Aug-Dec 67 (Spa)  
\*HEMATOMA/ HUMAN/ \*KIDNEY DISEASES/ MALE/ MIDDLE AGE
4310. Möckel W, Barnard EA: Amino acids around an active center histidine in a turtle chymotrypsin. Biochim Biophys Acta 194:622-4, 23 Dec 69  
ALKYLATING AGENTS/ AMINO ACID SEQUENCE/ \*AMINO ACIDS/ AMINO ACIDS, analysis/ BINDING SITES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ \*CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ ELECTROPHORESIS/ GEL FILTRATION/ \*HISTIDINE/ PANCREAS, enzymology/ PEPTIDES/ SPECIES SPECIFICITY/ SWINE/ TURTLES
4311. Möckel W, Barnard EA: Isolation and properties of two chymotrypsins from the turtle Pseudemys elegans. Biochim Biophys Acta 191:370-8, 4 Nov 69  
AMINO ACIDS, analysis/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/



## AUTHOR SECTION

- BINDING SITES/ CATTLE/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN,  
antagonists & inhibitors/ CHYMOTRYPSIN,  
isolation & purification/ ELECTROPHORESIS/  
ENZYME ACTIVATION/ \*ENZYME  
PRECURSORS/ ENZYME PRECURSORS,  
analysis/ ENZYME PRECURSORS, isolation &  
purification/ GEL FILTRATION/ HISTIDINE/  
KINETICS/ METHODS/ METHYLCELLULOSE/  
MOLECULAR WEIGHT/ \*PANCREAS,  
enzymology/ PEPTIDES, analysis/  
PRECIPITATION/ TRYPSIN/ \*TURTLES/  
TYROSINE
4312. Moczar E, Moczar M: Glycannes lié à la fraction insoluble de la cornée de roussette (*Scyllorhinus canicula* L.) *Europ J Biochem* 13:28-36, 1 Mar 70 (Fre)  
ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ COLLAGEN, analysis/  
COLORIMETRY/ \*CORNEA, analysis/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
GEL FILTRATION/ GLYCOPROTEINS,  
analysis/ GLYCOPROTEINS, isolation &  
purification/ GLYCOSIDES, analysis/  
HEXOSAMINES, analysis/ HEXOSES, analysis/  
LYSINE, analysis/ METHODS/ NEURAMINIC  
ACIDS, analysis/ PEPTIDE HYDROLASES/  
PEPTIDES, analysis/ PEPTIDES, isolation &  
purification/ \*POLYSACCHARIDES, analysis/  
POLYSACCHARIDES, isolation & purification/  
\*SHARKS/ SOLUBILITY/ TRICHLOROACETIC  
ACID
4313. Modak MJ, Notani GW: Properties of RNA containing bacteriophage f4. *Experientia* 25:1027, 15 Oct 69  
AMINO ACIDS, analysis/ \*COLIPHAGES/  
PEPTIDES, analysis/ \*RNA, VIRAL, analysis/  
TRYPSIN/ VIRAL PROTEINS, analysis
4314. Modigliani U, Pelù G: Rilievi clinico-radiologici sulle sindromi di ischemia splanchnica. *Acta Chir Ital* 24:39-50, Jan-Feb 68 (Ita)  
ANGIOGRAPHY/ \*AORTIC DISEASES,  
complications/ \*ARTERIOSCLEROSIS  
OBLITERANS, complications/ COLLATERAL  
CIRCULATION/ ENGLISH ABSTRACT/  
FIBRINOLYTIC AGENTS, therapeutic use/  
\*GASTROINTESTINAL SYSTEM, blood supply/  
HUMAN/ \*ISCHEMIA/ \*MESENTERIC  
VASCULAR OCCLUSION, complications/  
\*VASCULAR DISEASES, complications
4315. Módis L, Batschwarowa M: Fluorescence histochemical investigations of connective tissue. 3. Fluorescence histochemistry of the heparin content of mast cells. *Acta Morph Acad Sci Hung* 17:235-40, 1969  
ANIMAL EXPERIMENTS/ \*CONNECTIVE  
TISSUE CELLS/ FLUORESCENT DYES/  
\*HEPARIN, analysis/ HISTOCYTOCHEMISTRY/  
\*MAST CELLS, cytology/ MICROSCOPY,  
FLUORESCENCE/ MUCOPOLYSACCHARIDES,  
analysis/ RATS/ STAINS AND STAINING
4316. Moe N: Histological and histochemical study of the extracellular deposits in the normal human placenta. *Acta Path Microbiol Scand* 76:419-31, 1969  
DECIDUA/ FEMALE/ FIBRIN, analysis/  
FIBRINOGEN, analysis/ GESTATIONAL AGE/  
GLYCOGEN, analysis/  
HISTOCYTOCHEMISTRY/ HUMAN/  
PLACENTA, analysis/ \*PLACENTA, cytology/  
PREGNANCY/ TROPHOBLAST, cytology
4317. Moe N: Deposits of fibrin and plasma proteins in the normal human placenta. An immunofluorescence study. *Acta Path Microbiol Scand* 76:74-88, 1969  
\*BLOOD PROTEINS, analysis/ FEMALE/  
\*FIBRIN, analysis/ FIBRINOGEN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN, analysis/ GESTATIONAL  
AGE/ HISTOCYTOCHEMISTRY/ HUMAN/  
IMMUNE SERUMS/ \*PLACENTA, analysis/  
PREGNANCY/ SERUM ALBUMIN, analysis
4318. Moe N: Spontaneous and experimental thrombosis in the mouse placenta. *Acta Path Microbiol Scand* 77:653-75, 1969  
ANIMAL EXPERIMENTS/ BENZOPYRANS/  
\*BLOOD COAGULATION DISORDERS,  
chemically induced/ BLOOD COAGULATION  
FACTORS/ \*BLOOD PLATELET DISORDERS,  
chemically induced/ CORONARY DISEASE,  
chemically induced/ FEMALE/ FIBRIN/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
HEPARIN, pharmacodynamics/ HEPATIC VEIN  
THROMBOSIS, chemically induced/ MICE/  
MICROSCOPY/ MICROSCOPY, ELECTRON/  
\*PLACENTA, drug effects/ PLACENTA,  
pathology/ PLACENTA DISORDERS,  
chemically induced/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS, chemically  
induced/ PULMONARY EMBOLISM, chemically  
induced/ RENAL VEINS, drug effects/  
\*THROMBOSIS, chemically induced/ VEINS,  
drug effects
4319. Moe N, Abildgaard U: Histological staining properties of in vitro formed fibrin clots and precipitated fibrinogen. *Acta Path Microbiol Scand* 76:61-73, 1969  
\*BLOOD COAGULATION/ CALCIUM  
CHLORIDE/ FACTOR XIII, physiology/  
\*FIBRIN, analysis/ \*FIBRINOGEN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
HUMAN/ PRECIPITATION/ SERUM  
GLOBULINS, analysis/ \*STAINS AND  
STAINING
4320. Moe PJ, Skjaeveland A: Therapeutic studies in osteopetrosis. Report of 4 cases. *Acta Paediat Scand* 58:593-600, Nov 69  
ANTIBIOTICS, therapeutic use/ BLOOD CELL  
COUNT/ BLOOD TRANSFUSION/ CALCIUM,  
blood/ CHILD, PRESCHOOL/ CHROMIUM  
ISOTOPES/ FEMALE/ HEMOGLOBINOMETRY/  
HEMOLYSIS/ HUMAN/ INFANT/ MALE/  
OPTIC ATROPHY, prevention & control/  
OPTIC NERVE, surgery/ \*OSTEOPETROSIS,  
drug therapy/ \*PREDNISONE, administration  
& dosage/ SPLENECTOMY/ THROMBOPENIA,  
prevention & control
4321. Mogharrebi A: Lokale fibrinolytische Koagulopathie nach abdominalen Schnittentbindung wegen Myometritis necroticans. *Geburtsh Frauenheilk* 29:721-5, Aug 69 (Ger)  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, etiology/ \*CESAREAN SECTION/  
ENGLISH ABSTRACT/ FEMALE/  
HEMORRHAGE, POSTPARTUM, etiology/  
HUMAN/ HYSTERECTOMY/ INFLAMMATION/  
NECROSIS/ PREGNANCY/ \*UTERINE  
DISEASES, complications/ UTERINE  
DISEASES, surgery
4322. Moghissi KS, Syner FN: Studies on human cervical mucus: mucoids and their relation to sperm penetration. *Fertil Steril* 21:234-9, Mar 70  
\*CERVIX MUCUS, analysis/ CHYMOTRYPSIN,  
pharmacodynamics/ ELECTROPHORESIS/  
FEMALE/ GELS/ GLOBULINS, isolation &  
purification/ \*GLYCOPROTEINS, isolation &  
purification/ HUMAN/  
IMMUNOELECTROPHORESIS/ MALE/  
NEURAMINIC ACIDS, isolation & purification/  
PEPTIDE HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, isolation & purification/  
SEMEN, analysis/ SEMEN, enzymology/  
\*SPERMATOOZOA, enzymology/  
ULTRACENTRIFUGATION/ VISCOSITY
4323. Moghissi KS, Syner FN: The effect of seminal protease on sperm migration through cervical mucus. *Int J Fertil* 15:43-9, Jan-Mar 70  
\*CERVIX MUCUS/ FEMALE/ HUMAN/  
MOVEMENT/ PEPTIDE HYDROLASES,  
isolation & purification/ \*PEPTIDE  
HYDROLASES, pharmacodynamics/ \*SEMEN,  
enzymology/ \*SPERMATOOZOA, drug effects/  
TIME FACTORS
4324. Mohamed AH, Kamel A, Ayobe MH: Some enzymatic activities of Egyptian snake venoms and a scorpion venom. *Toxicon* 7:185-8, Nov 69  
AMINOTRANSFERASES, analysis/ AMYLASE,  
analysis/ ANIMAL EXPERIMENTS/  
ASPARTATE AMINOTRANSFERASE, analysis/  
CHOLINESTERASE, analysis/ EGYPT/  
\*ENZYMES, analysis/ PEPTIDE HYDROLASES,



# AUTHOR SECTION

- analysis/ \*SCORPIONS/ \*SNAKES/ \*VENOMS, analysis
4325. Mohamed AH, el-Serougi M, Khaled LZ: Effect of Cerastes cerastes venom on blood coagulation mechanisms. *Toxicon* 7:181-4, Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ CALCIUM CHLORIDE, pharmacodynamics/ DOGS/ FACTOR V/ FACTOR VIII/ FIBRINOGEN, analysis/ HEAT/ HEPARIN, pharmacodynamics/ IMMUNE SERUMS/ INJECTIONS, INTRAVENOUS/ PROTHROMBIN TIME/ RABBITS/ \*SNAKES/ \*VENOMS, toxicity
4326. Mohapatra SC, Siegel PB: Selection for prothrombin time at 18 weeks of age in chickens. *J Hered* 60:289-92, Sep-Oct 69  
AGE FACTORS/ ANIMAL EXPERIMENTS/ \*CHICKENS/ CROSSES, GENETIC/ FEMALE/ GENES, DOMINANT/ MALE/ PHENOTYPE/ \*PROTHROMBIN TIME/ \*SELECTION (GENETICS)/ SEX FACTORS/ STATISTICS
4327. Mohapatra SC, Siegel PB: Correlated responses of blood coagulation and prothrombin times to selection for body weight. *Poult Sci* 48:742-3, Mar 69  
\*BLOOD COAGULATION/ BODY WEIGHT/ \*CHICKENS/ \*PROTHROMBIN TIME
4328. Mohos SC, Skoza L: Histochemical demonstration and localization of sialoproteins in the glomerulus. *Exp Molec Path* 12:316-23, Jun 70  
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, analysis/ CATTLE/ \*CELL MEMBRANE, analysis/ COLLOIDS/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ IRON/ \*KIDNEY GLOMERULUS, analysis/ MICE/ MICROSCOPY, ELECTRON/ \*NEURAMINIC ACIDS, analysis/ NEURAMINIDASE/ PROTEIN BINDING/ \*PROTEINS, analysis/ RATS/ \*STAINS AND STAINING/ TRYPSIN
4329. Mohr V, Bendall JR: Constitution and physical chemical properties of intramuscular connective tissue. *Nature (London)* 223:404-5, 26 Jul 69  
ANIMAL EXPERIMENTS/ CATTLE/ \*COLLAGEN, physiology/ \*CONNECTIVE TISSUE, analysis/ CONNECTIVE TISSUE, anatomy & histology/ CONNECTIVE TISSUE, physiology/ HYDROXYPROLINE, analysis/ MUSCLES, anatomy & histology/ TRYPSIN
4330. Mohs FE: Seborrhheic keratoses. Scarless removal by curettage and oxidized cellulose. *JAMA* 212:1956-8, 15 Jun 70  
\*CICATRIX, prevention & control/ CURETTAGE/ \*HEMOSTATICS, therapeutic use/ HUMAN/ \*KERATOSIS, surgery/ \*SEBORRHEA, surgery
4331. Mojovic B, Mojovic N, Tager M, et al: Staphylocoagulase as a hemostatic agent. *Yale J Biol Med* 42:11-20, Aug 69  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ COAGULASE, administration & dosage/ COAGULASE, analysis/ COAGULASE, isolation & purification/ \*COAGULASE, pharmacodynamics/ HEMORRHAGE, drug therapy/ \*HEMOSTATICS/ RATS/ TIME FACTORS
4332. Mokeeva RA, Zhuravlev VS: Vliianie intensivnogo plazmafereza na "sindrom povyshennoi vязkosti" i svertyvalushchulu sistemu krovi pri makroglobulinemii val'denstremu. *Probl Gemat* 14:8-16, Mar 69 (Rus)  
\*BLOOD COAGULATION DISORDERS, therapy/ \*BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HUMAN/ \*MACROGLOBULINEMIA, therapy/ MALE/ \*MULTIPLE MYELOMA, therapy/ \*PLASMAPHERESIS
4333. Molčaniová H, Stěpánek I, Uhrík J: Vplyv plazmny na rast niektorých mikroorganizmov in vitro. *Bratisl Lek Listy* 52:524-9, 1969 (Slo)  
\*BACTERIA, drug effects/ CULTURE MEDIA/ ENGLISH ABSTRACT/ \*FIBRINOLYSIN/ IN VITRO/ PSEUDOMONAS AERUGINOSA, drug effects/ STAPHYLOCOCCUS, drug effects/ STREPTOCOCCUS PYOGENES, drug effects
4334. Molenaar I, Sillevs Smitt WW, Rozijn TH, et al: Biochemical and electron microscopic study of isolated yeast nuclei. *Exp Cell Res* 60:148-56, May 70  
\*CELL NUCLEUS/ CELL NUCLEUS, metabolism/ CHEMISTRY, ANALYTICAL/ DEOXYRIBONUCLEASE/ DNA, analysis/ DNA, metabolism/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ \*PROTEINS, metabolism/ RIBONUCLEASE/ RNA, analysis/ \*RNA, metabolism/ SODIUM CHLORIDE/ \*YEASTS, cytology
4335. Molina C, Alache JM, Delage J, et al: Viscosimétrie des expectorations. Corrélations histologiques et intérêt thérapeutique. *J Franc Med Chir Thorac* 23:743-58, Nov-Dec 69 (Fre)  
\*BRONCHITIS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ PEPTIDE HYDROLASES/ \*SPUTUM, analysis/ \*VISCOSITY
4336. Möller C, Stjernvall L: Klinischer versuch mit Trasylol gegen akute Pankreatitis. *Ann Chir Gynaec Fenn* 58:296-9, 1969 (Ger)  
ACUTE DISEASE/ ADULT/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ FEVER, drug therapy/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEUKOCYTES, drug effects/ MALE/ MIDDLE AGE/ \*PANCREATITIS, drug therapy/ PANCREATITIS, etiology
4337. Molodov PA, Reshetnikov EA: K voprosu o lechenii sepsisa. *Klin Khir (Kiev)* 7:87, Jul 69 (Rus)  
ADULT/ ANTIBIOTICS, therapeutic use/ FURUNCULOSIS, complications/ HEMATOMA, complications/ HUMAN/ MALE/ SEPTICEMIA, therapy/ STAPHYLOCOCCUS, isolation & purification/ SULFONAMIDES, therapeutic use
4338. Monahan LK: Hereditary spherocytosis—with polycythemia? Report of a case and a brief discussion. *J Kansas Med Soc* 71:219-20 passim, Jun 70  
ADULT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ \*POLYCYTHEMIA, diagnosis/ \*SPHEROCYTOSIS, HEREDITARY, diagnosis/ SPHEROCYTOSIS, HEREDITARY, drug therapy/ SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, diagnosis
4339. Monari E: Considerazioni sul decorso di alcuni casi di varicella in soggetti trattati con terapia cortisonica. *G Mal Infett* 21:179-87, Mar 69 (Ita)  
\*ADRENAL CORTEX HORMONES, adverse effects/ CHICKENPOX, complications/ CHILD/ CHILD, PRESCHOOL/ ENCEPHALITIS, drug therapy/ FEMALE/ HEPATITIS, INFECTION, drug therapy/ HUMAN/ INFANT/ LEUKEMIA, drug therapy/ MALE/ MENINGOCOCCAL INFECTIONS, drug therapy/ PURPURA, THROMBOCYTOSIS, drug therapy/ RHEUMATIC HEART DISEASE, drug therapy
4340. Moncrieff MW, Glasgow EF: Haemolytic-uraemic syndrome treated with heparin. *Brit Med J* 1:188-91, 25 Jul 70  
\*ANEMIA, HEMOLYTIC, drug therapy/ ANEMIA, HEMOLYTIC, pathology/ CHILD/ FEMALE/ HEPARIN, administration & dosage/ \*HEPARIN, therapeutic use/ HUMAN/ INFANT/ INJECTIONS, INTRAVENOUS/ KIDNEY, pathology/ KIDNEY CORTEX NECROSIS, drug therapy/ KIDNEY CORTEX NECROSIS, pathology/ \*KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY GLOMERULUS, pathology/ MALE/ PERITONEAL DIALYSIS/



# AUTHOR SECTION

THROMBOPENIA, drug therapy/  
THROMBOPENIA, pathology

4341. al-Mondhiry H, Marcus AJ, Spaet TH: On the mechanism of platelet function inhibition by acetylsalicylic acid.  
Proc Soc Exp Biol Med 133:632-6, Feb 70  
ACETATES, metabolism/ ADENINE NUCLEOTIDES, pharmacodynamics/ ANHYDRIDES/ \*ASPIRIN, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS, drug effects
4342. Mondorf W, Kollman M: Das quantitative Verhalten von IgG, IgA und IgM, sowie des Transferrins, Coeruloplasmins, alpha-1-Antitrypsins und des beta-1A-Globulins bei Normalpersonen im Verlaufe von 5 Monaten. Klin Wschr 47:1055-6, 1 Oct 69 (Ger)  
ADULT/ ANTIBODIES, analysis/ CERULOPLASMIN, analysis/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOGLOBULINS, analysis/ MALE/ MIDDLE AGE/ \*SERUM GLOBULINS, analysis/ SEX FACTORS/ TRANSFERRIN, analysis/ TRYPSIN, antagonists & inhibitors
4343. Monnet P, Luras B: Les thrombopénies aiguës chez l'enfant. Pediatr 24:885-909, Dec 69 (Fre)  
ACUTE DISEASE/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ \*PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, drug therapy/ \*THROMBOPENIA, etiology/ \*VACCINATION, adverse effects/ \*VIRUS DISEASES, etiology
4344. Monnoyer JF, Vosse-Matagne G, Joris H: Lésion vasculaire de l'intestin grêle chez un patient traité par anticoagulants.  
Rev Med Liege 24:728-31, 15 Oct 69 (Fre)  
\*ANTICOAGULANTS, adverse effects/ CASE REPORT/ \*HEMATOMA, etiology/ HUMAN/ \*INTESTINE, SMALL/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy
4345. Monod N, Dreyfus-Brisac C, Sfaello Z: Dépistage et pronostic de l'état de mal néo-natal d'après l'étude électro-clinique de 150 cas.  
Arch Franc Pediat 26:1085-102, 1969 (Fre)  
ABNORMALITIES/ CEREBRAL HEMORRHAGE, complications/ CEREBROVASCULAR DISORDERS, complications/ CONVULSIONS, etiology/ \*ELECTROENCEPHALOGRAPHY/ EPILEPSY, complications/ \*EPILEPSY, diagnosis/ EPILEPSY, drug therapy/ EPILEPSY, etiology/ ERYTHROBLASTOSIS, FETAL, complications/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, PREMATURE, DISEASES/ LABOR COMPLICATIONS/ MENINGITIS, complications/ PHENOBARBITAL, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PROGNOSIS
4346. Monsallier JF: Le traitement du choc endotoxique.  
Cah Anesth 17:773-85, Nov 69 (Fre)  
ACID-BASE EQUILIBRIUM/ BLOOD CIRCULATION/ BLOOD COAGULATION/ HEART, physiopathology/ HUMAN/ SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, physiopathology/ \*SHOCK, ENDOTOXIC, therapy
4347. Monsigny M, Charet P, Spik G, et al: Recherches sur la structure de la transferrine humaine. Etude des peptides et glycopeptides obtenus par hydrolyse trypsique. Arch Int Physiol 77:570-1, Aug 69 (Fre)  
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTINE, analysis/ GEL FILTRATION/ GLYCINE, analysis/ HUMAN/ \*PEPTIDES, analysis/ \*TRANSFERRIN, analysis/ TRYPSIN
4348. Montagne J: Anesthésie et réanimation dans la chirurgie du purpura thrombo-cytopénique.  
Cah Anesth 17:759-71, Nov 69 (Ita)  
ADULT/ \*ANESTHESIA, INTRATRACHEAL/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*PURPURA, THROMBOPENIC, surgery/ \*SPLENECTOMY
4349. Montgomery PC, Bello AC, Rockey JH: N-Terminal sequences of equine and human immunoglobulin heavy chains.  
Biochim Biophys Acta 200:258-66, 17 Feb 70  
ALKYLATION/ AMINO ACID SEQUENCE/ \*AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ DIPHTHERIA ANTITOXIN/ ELECTROPHORESIS/ \*GAMMA GLOBULIN/ GAMMA GLOBULIN, analysis/ \*GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MACROGLOBULINEMIA, blood/ \*MACROGLOBULINS/ MACROGLOBULINS, analysis/ MULTIPLE MYELOMA, blood/ PEPTIDE HYDROLASES/ PEPTIDE PEPTIDOHYDROLASES/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECIES SPECIFICITY/ SULFONIC ACIDS
4350. Moore EE: Aureocin. J Med Microbiol 3:183-4, Feb 70  
\*BACTERIOCINS, biosynthesis/ BACTERIOCINS, pharmacodynamics/ FILTRATION/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, drug effects/ \*STAPHYLOCOCCUS, metabolism/ TRYPSIN
4351. Moore EW: Ionized calcium in normal serum, ultrafiltrates, and whole blood determined by ion-exchange electrodes.  
J Clin Invest 49:318-34, Feb 70  
ADOLESCENCE/ ADULT/ \*BLOOD CHEMICAL ANALYSIS, instrumentation/ BLOOD PROTEINS, analysis/ \*CALCIUM, blood/ EDTA, pharmacodynamics/ ELECTRODES/ FEMALE/ FILTRATION/ FREEZING/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*ION EXCHANGE/ IONS/ MALE/ MATHEMATICS/ METHODS/ MIDDLE AGE/ PROTEIN BINDING
4352. Moore PM: Enzymes and antibiotics in the treatment of otolaryngologic infections.  
Eye Ear Nose Throat Monthly 48:610-4, Nov 69  
\*ANTIBIOTICS, therapeutic use/ FEMALE/ HUMAN/ INFECTION, drug therapy/ MALE/ \*OTORHINOLARYNGOLOGIC DISEASES, drug therapy/ \*PEPTIDE HYDROLASES, therapeutic use
4353. Moore RY, Bauman RJ: Intracranial bruits in children.  
Develop Med Child Neurol 11:650-2, Oct 69  
ADOLESCENCE/ ARTERIOVENOUS FISTULA, diagnosis/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ \*AUSCULTATION/ CAROTID ARTERY DISEASES, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ \*CEREBROVASCULAR DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ EXOPHTHALMOS, complications/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ INFANT/ INFANT, NEWBORN
4354. Moore S, Lough J: Lipid accumulation in renal arterioles due to platelet aggregate embolism.  
Amer J Path 58:283-93, Feb 70  
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, etiology/ \*BLOOD PLATELETS/ \*EMBOLISM/ HISTOCYTOCHEMISTRY/ \*KIDNEY, analysis/ KIDNEY, blood supply/ KIDNEY DISEASES,



# AUTHOR SECTION

- etiology/ \*LIPIDS, analysis/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, pathology/ RABBITS/ \*RENAL ARTERY, pathology
4355. Moore TC, Salzberg AM, Talman EA: Jejunoileocolic intubation and plication for intestinal obstruction caused by massive adhesions in infancy. Surgery 67:364-8, Feb 70  
\*ADHESIONS, complications/ \*COLON, surgery/ HUMAN/ ILEUM, abnormalities/ \*ILEUM, surgery/ INFANT/ INFANT, NEWBORN/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ \*INTESTINAL OBSTRUCTION, surgery/ INTESTINAL PERFORATION, surgery/ \*INTESTINE, SMALL, surgery/ \*INTUBATION/ \*JEJUNUM, surgery/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ UMBILICAL HERNIA, surgery
4356. Moormann JG: Intrakranielle Komplikationsblutung bei langzeitiger Antikoagulantienbehandlung. Zbl Chir 94:621-6, 3 May 69 (Ger)  
AGED/ \*ANTICOAGULANTS, adverse effects/ CAROTID ARTERIES, radiography/ COUMARINS, adverse effects/ \*HEMATOMA, SUBDURAL, chemically induced/ HEMATOMA, SUBDURAL, radiography/ HEMATOMA, SUBDURAL, surgery/ HUMAN/ MALE/ THROMBOPHLEBITIS, prevention & control/ TIME FACTORS
4357. Morahan PS, Grossberg SE: Age-related cellular resistance of the chicken embryo to viral infections. 3. Escherichia coli resistance-inducing protein. Proc Soc Exp Biol Med 134:342-7, May 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/ \*ANTIVIRAL AGENTS, therapeutic use/ \*BACTERIAL PROTEINS, therapeutic use/ CHICK EMBRYO/ DEOXYRIBONUCLEASE/ ENDOTOXINS, therapeutic use/ \*ESCHERICHIA COLI/ GENETICS, MICROBIAL/ \*INFLUENZA, prevention & control/ LIPASE/ MUTATION/ \*NEWCASTLE DISEASE, prevention & control/ PEPTIDE HYDROLASES/ PERIODIC ACIDS/ PHOSPHOLIPASE/ RIBONUCLEASE
4358. Moreau RC: Quelques aspects de l'inhibition des enzymes en thérapeutique. Therapeutique 46:29-38, Jan 70 (Fre)  
ALLOPURINOL, pharmacodynamics/ \*ENZYMES, antagonists & inhibitors/ ENZYMES, metabolism/ FIBRINOLYSIS, drug effects/ \*GOUT, drug therapy/ GOUT, enzymology/ HUMAN/ OROTIC ACID, pharmacodynamics
4359. Moreaux J, Bismuth H: Les complications spléniques des pancréatites chroniques. A propos de cinq observations. Presse Med 77:1467-70, 11 Oct 69 (Fre)  
ADULT/ AGED/ CELIAC ARTERY, radiography/ CHRONIC DISEASE/ CHYMOTRYPSIN/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMOPERITONEUM, surgery/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS, diagnosis/ \*PANCREATITIS, complications/ PANCREATOPEPTIDASE/ SPLEEN/ SPLENIC ARTERY, radiography/ SPLENIC DISEASES, diagnosis/ \*SPLENIC DISEASES, etiology/ SPLENIC DISEASES, surgery/ SPLENIC RUPTURE, diagnosis/ \*SPLENIC RUPTURE, etiology/ SPLENIC RUPTURE, surgery
4360. Morelis P, Ambrosioni JC, Got R, et al: Observation au microscope électronique du complexe formé par l'alpha-1-macroglobuline de sérum de lapin avec la trypsine. Rev Brasil Anest 19:1453-4, Apr-Jun 69 (Fre)  
ANIMAL EXPERIMENTS/ CHEMISTRY/ GAMMA GLOBULIN, 7S/ GEL FILTRATION/ \*MACROGLOBULINS/ MICROSCOPY, ELECTRON/ RABBITS/ STAINS AND STAINING/ \*TRYPSIN
4361. Morelis P, Ambrosioni JC, Got R, et al: Observation au microscope électronique du complexe formé par l'alpha-1-macroglobuline de sérum de lapin avec la trypsine.
- C R Acad Sci [D] (Paris) 269:1453-4, 13 Oct 69 (Fre)  
ANIMAL EXPERIMENTS/ CHEMISTRY/ GAMMA GLOBULIN, 7S/ GEL FILTRATION/ \*MACROGLOBULINS/ MICROSCOPY, ELECTRON/ RABBITS/ STAINS AND STAINING/ \*TRYPSIN
4362. Morelli AC, Acosta-Ferreira W, Pollini H, et al: Plasmatic protein separation by gel filtration chromatography and reproduction in vitro of fibres similar to the hyaline membrane of the newborn. Biol Neonat 14:142-52, 1969  
\*BLOOD PROTEINS, analysis/ CHROMATOGRAPHY/ ERYTHROBLASTOSIS, FETAL, complications/ FIBRIN, blood/ GEL FILTRATION/ HUMAN/ HYALIN SUBSTANCE, analysis/ HYALIN SUBSTANCE, cytology/ \*HYALINE MEMBRANE DISEASE, blood/ HYALINE MEMBRANE DISEASE, complications/ IN VITRO/ INFANT, NEWBORN
4363. Morelli AC, Pollini H, Del Pino MC: Drug action-study of plasma protein variations in hyperthrombotic diseases using gel filtration chromatography on agarose. Int Z Klin Pharmakol Ther Toxik 2:259-68, Jul 69  
ARTERIOSCLEROSIS, blood/ \*BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ CEREBRAL ARTERIOSCLEROSIS, blood/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ ERYTHROCYTE COUNT/ FACTOR XII, analysis/ FIBRINOGEN, analysis/ GEL FILTRATION/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ PLASMINOGEN, analysis/ POLYSACCHARIDES/ PROTHROMBIN TIME/ RETINAL VESSELS/ SPECTROPHOTOMETRY/ \*THROMBOSIS, blood/ THROMBOSIS, complications/ ULTRAVIOLET RAYS
4364. Morgan CV, Bolasny BL, Lanier VC Jr, et al: Comparison of autogenous venous and aortic grafts in the abdominal aorta of dogs on an experimental atherogenic regimen. Surg Forum 20:239-40, 1969  
ANIMAL EXPERIMENTS/ \*AORTA, surgery/ AORTA, ABDOMINAL, pathology/ AORTA, ABDOMINAL, surgery/ \*ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, pathology/ DIET, ATHEROGENIC/ DOGS/ JUGULAR VEIN, transplantation/ REIMPLANTATION/ \*VEINS, transplantation
4365. Morgan WP, Roberts JA, Boyce JM, et al: Physical working capacity and platelet count: a pilot study. J Sports Med 9:181-5, Sep 69  
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ \*EXERTION/ HUMAN/ MALE/ SPORT MEDICINE
4366. Morgenstern E, Pfleiderer T, Zebisch P, et al: Über die Wirkung von Lipidemulsionen auf Blutältschen. II. Licht- und elektronenmikroskopische Studien. Thromb Diath Haemorrh 22:525-43, 31 Dec 69 (Ger)  
ALBUMINS/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ \*BLOOD PLATELETS, drug effects/ CELL MEMBRANE/ CHROMATOGRAPHY, THIN LAYER/ EDTA, pharmacodynamics/ EMULSIONS/ ENGLISH ABSTRACT/ FATTY ACIDS, pharmacodynamics/ HUMAN/ LIPIDS, antagonists & inhibitors/ \*LIPIDS, pharmacodynamics/ MICROSCOPY/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS, drug effects/ SWINE/ TRIGLYCERIDES, pharmacodynamics
4367. Mori KF: Antigenic structure of human gonadotropins: importance of protein moiety to the antigenic structure of human chorionic gonadotropin. Endocrinology 86:97-106, Jan 70  
AMINO ACIDS, analysis/ AMINO SUGARS, analysis/ ANIMAL EXPERIMENTS/ \*ANTIGENS, analysis/ CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GLYCOPROTEINS, analysis/



## AUTHOR SECTION

- \*GONADOTROPINS, CHORIONIC, analysis/  
GONADOTROPINS, CHORIONIC, isolation &  
purification/ HEXOSES, analysis/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
IMMUNOASSAY/ MALE/ MOLECULAR  
WEIGHT/ NEURAMINIC ACIDS, analysis/  
NEURAMINIDASE/ PROTEIN  
DENATURATION/ \*PROTEINS, analysis/  
RABBITS/ SEMINAL VESICLES/  
TEMPERATURE/ TRYPSIN/  
ULTRACENTRIFUGATION/ UREA
4368. Mori KF: Antigenic structure of human  
gonadotrophins: pituitary luteinizing hormone.  
J Endocr 46:517-25, Apr 70  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
ASCORBIC ACID, metabolism/ BIOLOGICAL  
ASSAY/ COMPLEMENT FIXATION TESTS/  
FEMALE/ GLUCOSIDASE/ \*GONADOTROPINS,  
CHORIONIC/ GONADOTROPINS, PITUITARY/  
HEAT/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/ \*LH/  
MALE/ NEURAMINIDASE/ OVARY,  
metabolism/ RABBITS/ TRYPSIN/ UREA
4369. Mori M, Takahashi T, Masuda J, et al: [Biological  
properties, drug sensitivity and phage types of  
staphylococci isolated from rats (*Rattus norvegicus*)  
and swine] Jap J Bact 25:1-9, 1970 (Jap)  
\*BACTERIOPHAGE TYPING/ COAGULASE,  
analysis/ ENGLISH ABSTRACT/ MICROBIAL  
SENSITIVITY TESTS/ RATS/  
\*STAPHYLOCOCCAL PHAGES/  
\*STAPHYLOCOCCUS/ STAPHYLOCOCCUS,  
drug effects/ STAPHYLOCOCCUS, isolation &  
purification/ SWINE
4370. Mori PG, Cottafava F, Vignola G, et al: Considerazioni  
etiopatogenetiche e terapeutiche sulla casistica di  
porpora trombocitopenica della Clinica Pediatrica  
dell'Università di Genova.  
Minerva Pediat 21:1900-9, 13 Oct 69 (Ita)  
\*ADRENAL CORTEX HORMONES, therapeutic  
use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/  
\*IMMUNOSUPPRESSIVE AGENTS, therapeutic  
use/ INFANT/ ITALY/ MALE/ \*PURPURA,  
THROMBOPENIC, etiology/ PURPURA,  
THROMBOPENIC, occurrence/ PURPURA,  
THROMBOPENIC, pathology/ \*PURPURA,  
THROMBOPENIC, therapy/ \*SPLENECTOMY
4371. Moriau M: Have the platelet antiheparin and  
antiplasmin activities the same support?  
Thromb Diath Haemorrh 22:403-7, 15 Nov 69  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, analysis/ \*BLOOD PLATELETS,  
metabolism/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ ELECTROPHORESIS/  
\*FIBRINOLYSIS, antagonists & inhibitors/  
\*HEPARIN ANTAGONISTS/ HORSES/  
HUMAN/ IMMUNOELECTROPHORESIS/  
RABBITS
4372. Moriau M: Inhibiteurs naturels de la fibrinolyse et  
phénomènes thrombohémostatiques.  
Path Europ 4:Suppl 1:9-286, 1969 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ ANIMAL EXPERIMENTS/  
ANTICOAGULANTS/ ARTHRITIS,  
RHEUMATOID, blood/ \*BLOOD  
COAGULATION DISORDERS, blood/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
physiology/ CARDIOVASCULAR DISEASES,  
blood/ CATTLE/ CHILD/ CHILD,  
PRESCHOOL/ DOGS/ ELECTROPHORESIS/  
FEMALE/ FIBRIN, metabolism/  
\*FIBRINOLYSIS/ FIBRINOLYSIS, physiology/  
\*FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS,  
pharmacodynamics/ HEMORRHAGE, blood/  
HEMORRHAGIC DIATHESIS/ HUMAN/  
INFANT/ MALE/ MENSTRUATION/  
METHODS/ MIDDLE AGE/ NEOPLASMS,  
blood/ \*PLASMINOGEN/ PLASMINOGEN,  
antagonists & inhibitors/ PREGNANCY/  
RABBITS/ SEX FACTORS/  
THROMBOEMBOLISM, blood/ \*THROMBOSIS,  
blood/ UREMIA, blood
4373. Morihara K, Oka T: Subtilisin BPN': inactivation by  
chloromethyl ketone derivatives of peptide substrates.  
Arch Biochem 138:526-31, Jun 70  
AMINO ACIDS, analysis/ BACILLUS,  
enzymology/ BINDING SITES/  
CHYMOTRYPSIN, antagonists & inhibitors/  
CINNAMATES/ ENZYME ACTIVATION/  
HISTIDINE, analysis/ HYDROGEN-ION  
CONCENTRATION/ \*KETONES/ KINETICS/  
\*PEPTIDE HYDROLASES, antagonists &  
inhibitors/ PEPTIDES, chem synthesis
4374. Morihara K, Oka T, Tsuzuki H: Subtilisin BPN': kinetic  
study with oligopeptides.  
Arch Biochem 138:515-25, Jun 70  
BACILLUS, enzymology/ CATALYSIS/  
CHEMISTRY/ COLORIMETRY/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ PEPTIDE HYDROLASES,  
antagonists & inhibitors/ \*PEPTIDE  
HYDROLASES, metabolism/ PEPTIDES, chem  
synthesis/ PEPTIDES, metabolism/ PROTEIN  
BINDING
4375. Morihara K, Oka T, Tsuzuki H: On the specificity of  
Bacillus subtilis neutral protease in relation to the  
compound active site.  
Arch Biochem 135:311-23, Dec 69  
AMINO ACIDS/ \*BACILLUS SUBTILIS,  
enzymology/ BINDING SITES/ INDICATORS  
AND REAGENTS/ KINETICS/ \*PEPTIDE  
HYDROLASES/ PEPTIDES, chem synthesis
4376. Morimoto Y, Doi Y, Ito H: Effect of trypsin on  
reproduction of type 4 parainfluenza virus in Vero cell  
cultures under fluid overlay.  
Jap J Med Sci Biol 23:1-11, Feb 70  
CULTURE MEDIA/ CYTOPATHOGENIC  
EFFECT, VIRAL/ HEMAGGLUTINATION  
INHIBITION TESTS/ IMMUNE SERUMS/  
KIDNEY/ MONKEYS/ NEUTRALIZATION  
TESTS/ PARA-INFLUENZA VIRUSES, growth  
& development/ \*PARA-INFLUENZA  
VIRUSES, isolation & purification/ PEPTIDE  
HYDROLASES, pharmacodynamics/ TISSUE  
CULTURE/ TRYPSIN,  
antagonists & inhibitors/ \*TRYPSIN,  
pharmacodynamics/ \*VIRUS CULTIVATION
4377. Morin P, Choukroun J, Chabrier J: A propos des  
psychoses puerpérales.  
Phlebologie 23:17-9, Jan-Mar 70 (Fre)  
ANTICOAGULANTS, administration & dosage/  
\*CEREBRAL EMBOLISM AND THROMBOSIS,  
complications/ FEMALE/ HEADACHE,  
etiology/ HEPARIN, administration & dosage/  
HUMAN/ \*PSYCHOSES, ORGANIC, etiology/  
PUERPERAL DISORDERS, etiology/  
THROMBELASTOGRAPHY
4378. Morioka T, Nishimura M, Matsumura T:  
Anti-inflammatory effect of lysozyme paste on  
experimental gingivitis induced by various chemical  
mediators in guinea pig. J Periodont 41:341-8, Jun 70  
ANIMAL EXPERIMENTS/  
\*ANTI-INFLAMMATORY AGENTS, therapeutic  
use/ CROTON OIL, pharmacodynamics/  
GINGIVITIS, chemically induced/ \*GINGIVITIS,  
drug therapy/ GUINEA PIGS/ \*MURAMIDASE,  
pharmacodynamics/ PROTAMINES,  
pharmacodynamics/ RNA, pharmacodynamics
4379. Morishita R: Studies on human gastric intrinsic factor.  
3. Immunological observations of vitamin B12 binders  
in human gastric juice and other body fluids.  
J Vitamin (Kyoto) 15:104-15, 10 Jun 69  
ANEMIA, PERNICIOUS, metabolism/ ANIMAL  
EXPERIMENTS/ BILE, analysis/ \*BODY  
FLUIDS, analysis/ CENTRIFUGATION/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHYMOTRYPSIN, metabolism/ COBALT  
ISOTOPES/ GAMMA GLOBULIN, 7S/  
GASTRECTOMY/ \*GASTRIC JUICE, analysis/  
GEL DIFFUSION TESTS/ HUMAN/ IMMUNE  
SERUMS/ IMMUNOELECTROPHORESIS/  
\*INTRINSIC FACTOR, isolation & purification/  
LIVER, analysis/ MALE/ PEPSIN, metabolism/  
PRECIPITINS/ PROTEIN BINDING/ RABBITS/  
SALIVA, analysis/ \*VITAMIN B 12,  
metabolism



# AUTHOR SECTION

4380. Morita H: [Thrombopenia]  
Naika 25:1216-9, Jun 70 (Jap)  
ADRENAL CORTEX HORMONES, therapeutic  
use/ BLOOD PLATELETS/ BLOOD  
TRANSFUSION/ HUMAN/ \*THROMBOPENIA,  
therapy
4381. Morita H, Ebata Y: [Studies on the blood platelets: an  
information on platelet formation]  
Acta Haemat Jap 32:7-13, Feb 69 (Jap)  
ADOLESCENCE/ ADULT/ \*BLOOD  
PLATELETS/ ENGLISH ABSTRACT/  
FEMALE/ HEMATOLOGIC DISEASES/  
HUMAN/ IRON/ MALE/ MEGAKARYOCYTES/  
MICROSCOPY, ELECTRON/ MICROSCOPY,  
PHASE CONTRAST
4382. Moriuchi S, Oolizumi K, Hosoya N: Effect of vitamin D3  
on the calcium binding factor in rat intestinal mucosa.  
J Vitamin (Kyoto) 15:178-84, 10 Jun 69  
ANIMAL EXPERIMENTS/ \*CALCIUM,  
metabolism/ CALCIUM ISOTOPES/  
CENTRIFUGATION/ CHOLECALCIFEROL,  
administration & dosage/  
\*CHOLECALCIFEROL, pharmacodynamics/  
DACTINOMYCIN, pharmacodynamics/  
EQUILIBRIUM/ HEAT/ INJECTIONS,  
INTRAPERITONEAL/ \*INTESTINAL MUCOSA,  
metabolism/ IONS/ MALE/ METALS,  
pharmacodynamics/ PROTEIN BINDING/  
RATS/ TRYPSIN, pharmacodynamics
4383. Moriwaiki C, Yamaguchi K: [Intestinal absorption of  
enzymatic anti-inflammatory drugs]  
Clin Endocr (Tokyo) 18:205-11, Mar 70 (Jap)  
ANIMAL EXPERIMENTS/  
\*ANTI-INFLAMMATORY AGENTS, metabolism/  
HUMAN/ IN VITRO/ \*INTESTINAL  
ABSORPTION/ IODINE ISOTOPES/ \*PEPTIDE  
HYDROLASES, metabolism/ PROTEINS,  
metabolism/ RATS
4384. Moriya H, Hojima Y, Moriwaiki C, et al: Specificity of  
potato kallikrein inhibitors for kallikreins.  
Experientia 26:720-1, 1970  
ANIMAL EXPERIMENTS/  
ANTI-INFLAMMATORY AGENTS/  
BIOLOGICAL ASSAY/ EDEMA, drug therapy/  
HUMAN/ \*KALLIKREIN, antagonists &  
inhibitors/ KALLIKREIN, blood/  
KALLIKREIN, urine/ KALLIKREIN-TRYPSIN  
INACTIVATOR, pharmacodynamics/ RATS/  
SALIVA, enzymology/ \*VEGETABLES, analysis
4385. Mörl FK, Heller W: Fettembolid und  
Proteinaseinhibitoren.  
Langenbecks Arch Chir 325:369-72, 1969 (Ger)  
ADOLESCENCE/ ADULT/ EMBOLISM, FAT,  
blood/ \*EMBOLISM, FAT, drug therapy/  
EMBOLISM, FAT, etiology/ FRACTURES,  
complications/ HUMAN/ HYPERLIPIDEMIA,  
complications/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, therapeutic use/ LIPIDS,  
blood/ MALE
4386. Morley AP Jr: Obstruction of terminal small bowel and  
anticoagulant therapy.  
Southern Med J 63:342-4, Mar 70  
ADULT/ AUTOPSY/ CASE REPORT/  
CORONARY DISEASE, drug therapy/  
FEMALE/ \*HEMORRHAGE,  
GASTROINTESTINAL, chemically induced/  
HEMORRHAGE, GASTROINTESTINAL,  
complications/ HUMAN/ INTESTINAL  
MUCOSA, pathology/ \*INTESTINAL  
OBSTRUCTION, etiology/ INTESTINAL  
OBSTRUCTION, pathology/ INTESTINAL  
OBSTRUCTION, radiography/ \*INTESTINE,  
SMALL/ JEJUNUM, pathology/ WARFARIN,  
administration & dosage/ \*WARFARIN,  
adverse effects
4387. Morrisett JD, Broomfield CA, Hackley BE Jr: A new  
spin label specific for the active site of serine  
enzymes. J Biol Chem 244:5758-61, 25 Oct 69  
\*ACETYLCHOLINESTERASE/ ANIMAL  
EXPERIMENTS/ \*BINDING SITES/ BRAIN  
CHEMISTRY/ CATTLE/ CELL MEMBRANE,  
enzymology/ CHEMISTRY/ CHYMOTRYPSIN/  
\*CYCLIC N-OXIDES/ ELECTRON SPIN  
RESONANCE/ ERYTHROCYTES, enzymology/  
FLUORINE/ FREE RADICALS/ HUMAN/  
NERVE ENDINGS, enzymology/ PHOSPHONIC  
ACIDS/ \*PIPERIDINES/ RATS/ \*SERINE
4388. Morrison LM: Response of ischemic heart disease to  
chondroitin sulfate-A.  
J Amer Geriatr Soc 17:913-23, Oct 69  
ADULT/ AGED/ BILIRUBIN, blood/  
BILIRUBIN, urine/ BLOOD CELL COUNT/  
BLOOD COAGULATION/ BLOOD  
SEDIMENTATION/ BLOOD SUGAR, analysis/  
CHOLESTEROL, blood/ CHONDROITIN,  
isolation & purification/ \*CHONDROITIN,  
therapeutic use/ CLINICAL RESEARCH/  
CORONARY DISEASE, complications/  
\*CORONARY DISEASE, drug therapy/  
CORONARY DISEASE, mortality/ CORONARY  
DISEASE, prevention & control/  
ELECTROCARDIOGRAPHY/ FEMALE/  
FOLLOW-UP STUDIES/ HUMAN/ MALE/  
MIDDLE AGE/ MUCOPOLYSACCHARIDES,  
therapeutic use/ MYOCARDIAL INFARCT,  
etiology/ MYOCARDIAL INFARCT, prevention  
& control/ PROTEIN-BOUND IODINE TEST/  
SULFATES
4389. Morrison RK, Brown DE, Oleson JJ, et al: Oral  
toxicology studies with lapachol.  
Toxic Appl Pharmacol 17:1-11, Jul 70  
ADMINISTRATION, ORAL/ ANEMIA,  
chemically induced/ ANIMAL EXPERIMENTS/  
DOGS/ ERYTHROCYTES, drug effects/  
FEMALE/ HEINZ BODIES, drug effects/  
HEMOGLOBINOMETRY/ HEMORRHAGE,  
chemically induced/ LIVER, pathology/ MALE/  
MICE/ MONKEYS/ NAPHTHOQUINONES,  
administration & dosage/  
\*NAPHTHOQUINONES, toxicity/  
PROTHROMBIN TIME/ RATS/  
RETICULOCYTES, drug effects/ SEX  
FACTORS/ SPECIES SPECIFICITY/ VITAMIN  
K, pharmacodynamics
4390. Mortada A: Results of partial penetrating keratoplasty  
related to the size of the graft.  
Brit J Ophthal 54:66-8, Jan 70  
ADHESIONS/ ANTERIOR CHAMBER/  
ATROPINE, therapeutic use/ \*CORNEA,  
transplantation/ \*CORNEAL OPACITY,  
surgery/ CORTISONE, therapeutic use/  
FOLLOW-UP STUDIES/ GLAUCOMA, etiology/  
HUMAN/ IRIS/ METHODS/ POSTOPERATIVE  
COMPLICATIONS/ TRANSPLANTATION,  
HOMOLOGOUS
4391. Mortada A: Unilateral proptosis of unexplained origin  
and superior orbital fissure syndrome of uncertain  
aetiology. Bull Ophthal Soc Egypt 62:191-204, 1969  
ADOLESCENCE/ ADULT/ \*BRAIN DISEASES,  
complications/ DIAGNOSIS, DIFFERENTIAL/  
EXOPHTHALMOS, diagnosis/  
\*EXOPHTHALMOS, etiology/ FEMALE/  
\*HEMANGIOMA, CAVERNOUS, complications/  
HUMAN/ MALE/ \*MENINGIOMA,  
complications/ \*ORBITAL NEOPLASMS,  
complications/ PSEUDOTUMOR CEREBRI,  
complications/ SPHENOID BONE/  
\*TUBERCULOOMA, complications
4392. Mortada A, el-Shiwy T, Abou Eleinein G:  
Haemangiomas and meningiomas  
endotheliomata of the orbit (histopathologic study).  
Bull Ophthal Soc Egypt 62:351-60, 1969  
ADOLESCENCE/ \*HEMANGIOENDOTHELIOMA,  
pathology/ HUMAN/ INFANT/ MALE/  
\*MENINGIOMA, pathology/ \*ORBITAL  
NEOPLASMS, pathology
4393. Moschos CB, Burke WM, Lehan PH, et al: Thrombolytic  
agents and lysis of coronary artery thrombosis.  
Cardiovasc Res 4:228-34, Apr 70  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS/ \*CORONARY DISEASE, drug  
therapy/ CORONARY VESSELS/ DOGS/  
FEMORAL VEIN/ FIBRINOGEN, analysis/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HEART VENTRICLE/ HEMORRHAGE,  
chemically induced/ INJECTIONS/  
INJECTIONS, INTRA-ARTERIAL/



## AUTHOR SECTION

- INJECTIONS, INTRAVENOUS/ PLASMINOGEN, administration & dosage/ REGIONAL BLOOD FLOW, drug effects/ SERUM GLOBULINS/ STREPTOKINASE, administration & dosage
4394. Moseley RV, Doty DB: Changes in the filtration characteristics of stored blood.  
Ann Surg 171:329-35, Mar 70  
BLOOD COAGULATION/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ \*FILTRATION/ HUMAN/ MALE/ METHODS/ \*MILITARY MEDICINE/ PULMONARY EMBOLISM, prevention & control/ UNITED STATES/ VIETNAM
4395. Moseley RV, Doty DB: Death associated with multiple pulmonary emboli soon after battle injury.  
Ann Surg 171:336-46, Mar 70  
ADULT/ AUTOPSY/ BLOOD COAGULATION/ BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ HUMAN/ LUNG, pathology/ MALE/ \*MILITARY MEDICINE/ PULMONARY ARTERY, pathology/ \*PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology/ TIME FACTORS/ UNITED STATES/ VIETNAM/ \*WOUNDS AND INJURIES, complications
4396. Moses HA, Frazier HM, Field RM: Effect of an antifertility preparation on a fibrinogen-fibrinolysin system in vitro. J Nat Med Ass 61:404-7, Sep 69  
\*BLOOD COAGULATION, drug effects/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ \*FIBRINOGEN, physiology/ \*FIBRINOLYSIN, physiology
4397. Moses HA, Hardy RE, Frazier HM: Oral contraceptives and urokinase activity. J Nat Med Ass 61:466-9, Nov 69  
ADOLESCENCE/ ADULT/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ ELECTROPHORESIS/ FEMALE/ \*FIBRINOLYTIC AGENTS, urine/ HUMAN/ MENSTRUATION
4398. Moses LE, Goldzieher JW, Moses IG: Evaluation of a new combination oral contraceptive: lynestrenol-mestranol (Lyndiol).  
Fertil Steril 20:715-28, Sep-Oct 69  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION, drug effects/ BODY WEIGHT/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ ENDOMETRIUM, drug effects/ FEMALE/ HUMAN/ \*LYNESTRENOL, pharmacodynamics/ MENSTRUATION/ \*MESTRANOL, pharmacodynamics/ MIDDLE AGE/ OVULATION, drug effects/ PREGNANCY/ PREGNANEDIOL, urine
4399. Mosesson MW, Beck EA: Chromatographic, ultracentrifugal, and related studies of fibrinogen "Baltimore". J Clin Invest 48:1656-62, Sep 69  
AMINO ACIDS, analysis/ \*BLOOD COAGULATION DISORDERS, congenital/ CHROMATOGRAPHY/ FEMALE/ \*FIBRINOGEN, analysis/ HEXOSES, analysis/ HUMAN/ NEURAMINIC ACIDS, analysis/ PROTHROMBIN TIME/ SPECTROPHOTOMETRY/ ULTRACENTRIFUGATION
4400. Mosiagina EN: O kriteriakh zhiznesposobnosti perelivaemykh éritrotsitov.  
Probl Gemat 13:7-12, Feb 68 (Rus)  
\*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ \*ERYTHROCYTES/ HUMAN/ METHODS
4401. Mosiagina EN, Torubarova NA: Issledovanie kinetiki trombositov putem opredeleniya kolichestva soderzhashchikh kisluiu fosfatazu trombositivo.  
Probl Gemat 14:43-50, Nov 69 (Rus)  
\*ACID PHOSPHATASE, analysis/ \*BLOOD PLATELETS, enzymology/ CHILD/ ENGLISH ABSTRACT/ \*HEMATOPOIESIS/ HUMAN/ MATHEMATICS/ PURPURA, THROMBOPENIC, physiopathology
4402. Moskowitz RM: Autoimmune hemolytic anemia in a patient with a deficiency of red cell glucose-6-phosphate dehydrogenase activity.  
Johns Hopkins Med J 126:139-45, Mar 70  
\*ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANTIBODIES, analysis/ BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, blood/ CASE REPORT/ \*ERYTHROCYTES, enzymology/ ERYTHROCYTES, immunology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ \*GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, complications/ HEMAGGLUTINATION TESTS/ HEMOGLOBIN, blood/ HUMAN/ ISOANTIBODIES, analysis/ METHODS/ MIDDLE AGE
4403. Moss CW, Howell RT, Farshy DC, et al: Volatile acid production by Clostridium botulinum type F.  
Canad J Microbiol 16:421-5, Jun 70  
ACETIC ACIDS, biosynthesis/ AMINO ACIDS, biosynthesis/ BUTYRATES, biosynthesis/ CAPROATES, biosynthesis/ CHROMATOGRAPHY, GAS/ CLOSTRIDIUM BOTULINUM, enzymology/ \*CLOSTRIDIUM BOTULINUM, metabolism/ CULTURE MEDIA/ \*FATTY ACIDS, biosynthesis/ GLUCOSE, pharmacodynamics/ \*PEPTIDE HYDROLASES, biosynthesis/ PROPIONATES, biosynthesis/ VALERATES, biosynthesis
4404. Moss DC, Peagler FD: Bilateral lipoma of the tongue with postoperative complications: report of case.  
J Oral Surg 28:533-6, Jul 70  
AGED/ CASE REPORT/ HEMATOMA, etiology/ HUMAN/ \*LIPOMA, surgery/ MALE/ MOUTH DISEASES, etiology/ \*POSTOPERATIVE COMPLICATIONS/ \*TONGUE NEOPLASMS, surgery
4405. Moss GS, Proctor HJ, Homer LD, et al: A comparison of asanguineous fluids and whole blood in the treatment of hemorrhagic shock.  
Surg Gynec Obstet 129:1247-57, Dec 69  
\*ALBUMINS, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ \*BLOOD TRANSFUSION/ CARDIAC OUTPUT/ COMPARATIVE STUDY/ ERYTHROCYTES/ FIBRINOGEN, analysis/ HYDROGEN-ION CONCENTRATION/ ISOTONIC SOLUTIONS/ LACTATES, blood/ MALE/ MONKEYS/ OXYGEN, blood/ SHOCK, HEMORRHAGIC, metabolism/ SHOCK, HEMORRHAGIC, physiopathology/ \*SHOCK, HEMORRHAGIC, therapy/ SODIUM CHLORIDE/ VASCULAR RESISTANCE
4406. Motol Y, Iizuka M: Activity of kinin-releasing enzymes in the mammary gland of rats administered with hormones and bacterial extracts.  
Nat Inst Anim Health Quart (Tokyo) 10:26-33, Spring 70  
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ \*BACTERIA, analysis/ \*BIOLOGICAL PRODUCTS, pharmacodynamics/ CASEIN, metabolism/ CORTICOSTERONE, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ EPINEPHRINE, pharmacodynamics/ ESCHERICHIA COLI, analysis/ ESTRADIOL, pharmacodynamics/ FEMALE/ FIBRINOLYSIN, metabolism/ \*HORMONES, pharmacodynamics/ KALLIKREIN, metabolism/ \*KININS, metabolism/ LACTATION, drug effects/ \*MAMMAE, enzymology/ RATS/ STAPHYLOCOCCUS, analysis/ STREPTOKINASE, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRYPSIN, metabolism
4407. Mott R, Walcha R: Panmyelophthase nach akuter Hepatitis.  
Munchen Med Wschr 111:2271-3, 31 Oct 69 (Ger)  
ACUTE DISEASE/ ADULT/ AMINOACAPROIC ACID, therapeutic use/ AUTOIMMUNE DISEASES, etiology/ BLOOD TRANSFUSION/ BONE MARROW DISEASES, drug therapy/ \*BONE MARROW DISEASES, etiology/ BONE MARROW DISEASES, immunology/ BONE MARROW DISEASES, pathology/ BONE



# AUTHOR SECTION

- MARROW EXAMINATION/ ENGLISH  
ABSTRACT/ GLUCOCORTICOIDS, therapeutic use/ \*HEPATITIS, INFECTIOUS, complications/ HUMAN/ MALE/ VITAMIN K, therapeutic use
4408. Mottram DR, Graham JD: Reversal by trypsin of the action of a 2-haloalkylamine.  
J Pharm Pharmacol 22:316-7, Apr 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ GUINEA PIGS/ IN VITRO/ MALE/ \*NAPHTHALENES, antagonists & inhibitors/ \*NOREPINEPHRINE, antagonists & inhibitors/ \*TRYPSIN, pharmacodynamics/ \*VAS DEFERENS, drug effects
4409. Moullé P: Courts-circuits digestifs dans le traitement de l'obésité. Presse Med 78:743-8, 28 Mar 70 (Fre)  
BODY WEIGHT/ CARBOHYDRATES, metabolism/ COLON, surgery/ DIARRHEA, etiology/ ELECTROLYTES, metabolism/ FEMALE/ \*GASTROINTESTINAL SYSTEM, surgery/ HUMAN/ HYPERTENSION, etiology/ HYPERTENSION, surgery/ ILEUM, surgery/ JEJUNUM, surgery/ LIPIDS, metabolism/ LIVER DISEASES, etiology/ MALABSORPTION SYNDROMES/ MALE/ METHODS/ OBESITY, complications/ \*OBESITY, surgery/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ PROTEINS, metabolism/ PROTHROMBIN, metabolism/ STOMACH, surgery/ VITAMIN B 12, metabolism
4410. Mouly R: La chirurgie réparatrice pour tumeurs bénignes cutanées et muqueuses des lèvres. Caractères anatomo-cliniques et indications thérapeutiques.  
Rev Stomat (Paris) 71:197-203, Apr-May 70 (Fre)  
\*CHEILITIS, surgery/ \*FACIAL NEOPLASMS, surgery/ FEMALE/ \*HEMANGIOMA, surgery/ HUMAN/ INFANT/ \*LIP NEOPLASMS, surgery/ MALE/ \*MELANOMA, surgery/ MIDDLE AGE/ \*MOUTH NEOPLASMS, surgery/ \*NEVUS, surgery/ \*SURGERY, PLASTIC
4411. Mountain KR, Hirsh J, Gallus AS: Neonatal coagulation defect due to anticonvulsant drug treatment in pregnancy. Lancet 1:265-8, 7 Feb 70  
ADOLESCENCE/ ADULT/ \*ANTICONVULSANTS, adverse effects/ BARBITURATES, adverse effects/ \*BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD COAGULATION TESTS/ DIPHENYLHYDANTOIN, adverse effects/ \*EPILEPSY, drug therapy/ FEMALE/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, chemically induced/ INFANT, NEWBORN, DISEASES, prevention & control/ MIDDLE AGE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, drug therapy/ VITAMIN K, therapeutic use
4412. Moustafa E: Purification of the cold-labile component of the Azotobacter nitrogenase.  
Biochim Biophys Acta 206:178-80, 22 Apr 70  
ACETYLENE/ AIR/ ANTI-INFECTIVE AGENTS, LOCAL/ \*AZOTOBACTER, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GAS/ COLD/ DRUG STABILITY/ ETHYLENE, analysis/ METHODS/ NITROGEN/ \*OXIDOREDUCTASES/ OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, isolation & purification/ PRECIPITATION/ PROTAMINES/ TIME FACTORS
4413. Moxley TR, Brakman P, Astrup T: Resting levels of fibrinolysis in blood in inactive and exercising men.  
J Appl Physiol 28:549-52, May 70  
ADULT/ \*ANTIFIBRINOLYTIC AGENTS, blood/ \*EXERTION/ \*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ \*PLASMINOGEN, analysis
4414. Mrazek SA: Plasma protein electrophoretic pattern and blood viscosity in arteriosclerotic heart disease.  
J Amer Geriatr Soc 18:396-404, May 70
- AGED/ ANTICOAGULANTS, therapeutic use/ \*BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD VISCOSITY/ CHOLESTEROL, metabolism/ \*CORONARY DISEASE, blood/ CORONARY DISEASE, diagnosis/ CORONARY DISEASE, drug therapy/ CORONARY DISEASE, metabolism/ FIBRINOGEN, analysis/ HUMAN/ LIPOPROTEINS, analysis/ MYOCARDIAL INFARCT, blood
4415. Moss GA, Doolittle RF, Roberts BF: Gibbon fibrinopeptides: Identification of a glycine-serine allelism at position B-3. Science 170:468-70, 23 Oct 70  
\*ALLELES/ \*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ \*APES/ CHYMOTRYPSIN/ \*FIBRIN, analysis/ GENETICS, BIOCHEMICAL/ \*GLYCINE/ HETEROZYGOSE/ HOMOZYGOSE/ PEPTIDES, analysis/ PLASMAPHERESIS/ \*SERINE
4416. Mudd SH, Edwards WA, Loeb PM, et al: Homocystinuria due to cystathionine synthase deficiency: the effect of pyridoxine.  
J Clin Invest 49:1762-73, Sep 70  
ADULT/ ALDEHYDES, metabolism/ AUTOANALYSIS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CYSTEINE, urine/ DIET/ DIET THERAPY/ ENZYME ACTIVATION/ FEMALE/ FIBROBLASTS, enzymology/ HOMOCYSTINE, metabolism/ \*HOMOCYSTINURIA, drug therapy/ \*HOMOCYSTINURIA, enzymology/ HUMAN/ \*HYDRO-LYASES, metabolism/ KETO ACIDS, metabolism/ LIVER, enzymology/ MALE/ \*METHIONINE, metabolism/ PYRIDOXAL PHOSPHATE, metabolism/ \*PYRIDOXINE, therapeutic use/ SERINE/ SERINE DEHYDRATASE, metabolism/ SULFATES, metabolism/ SULFATES, urine/ TRYPSIN, metabolism
4417. Mueller MJ Jr, Lebherz TB: Antepartum thrombophlebitis. Morbidity with long-term heparin and a proposed regimen of therapy.  
Obstet Gynec 34:874-80, Dec 69  
DEXTRAN, therapeutic use/ FEMALE/ HEMATOMA, chemically induced/ HEMATURIA, chemically induced/ HEPARIN, adverse effects/ \*HEPARIN, therapeutic use/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ THROMBOPHLEBITIS, occurrence/ \*THROMBOPHLEBITIS, therapy/ UTERINE HEMORRHAGE, chemically induced/ VAGINA/ WARFARIN, therapeutic use
4418. Mueller-Eckhardt C, Heene D, Müller-Berghaus G, et al: Hämolitische Transfusionszwischenfälle mit Verbrauchskoagulopathie durch seltene Blutgruppenantikörper Anti-Duffy-a.  
Thromb Diath Haemorrh 22:336-43, 15 Nov 69 (Ger)  
AGED/ ANEMIA, therapy/ ANTI-ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTINUCLEAR FACTORS/ \*BLOOD COAGULATION DISORDERS/ \*BLOOD GROUP INCOMPATIBILITY/ \*BLOOD TRANSFUSION, adverse effects/ BREAST NEOPLASMS, blood/ BREAST NEOPLASMS, immunology/ BROMELAINS, pharmacodynamics/ COLD/ FEMALE/ \*HEMOLYSIS/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROGLOBULINEMIA, blood/ MACROGLOBULINEMIA, immunology/ RHEUMATOID FACTOR
4419. Mueller-Eckhardt C, Lüscher EF: Über Immunreaktion menschlicher Thrombozyten mit gamma-Globulin-beladenen Latexpartikeln.  
Z Ges Inn Med 24:526-9, 15 Aug 69 (Ger)  
ALBUMINS, pharmacodynamics/ \*BLOOD PLATELETS, immunology/ CELL AGGREGATION/ ENGLISH ABSTRACT/ FIBRINOGEN, pharmacodynamics/ \*GAMMA GLOBULIN, pharmacodynamics/ HUMAN/ \*LATEX PARTICLES, pharmacodynamics/ NUCLEOTIDES, blood
4420. Muggia FM: Vascular factors in acute pancreatitis



# AUTHOR SECTION

- Lancet 1:245, 31 Jan 70  
ACUTE DISEASE/ BLOOD COAGULATION  
DISORDERS, complications/ HUMAN/  
NECROSIS/ \*PANCREAS, blood supply/  
\*PANCREATITIS, etiology
4421. Muir H: The structure and metabolism of  
mucopolysaccharides (glycosaminoglycans) and the  
problem of the mucopolysaccharidoses.  
Amer J Med 47:673-90, Nov 69 (169 ref.)  
\*CARBOHYDRATE METABOLISM, INBORN  
ERRORS/ CHEMISTRY/ CHONDROITIN/  
HEPARIN/ HUMAN/ HYALURONIC ACID/  
MUCOPOLYSACCHARIDES, biosynthesis/  
MUCOPOLYSACCHARIDES, classification/  
\*MUCOPOLYSACCHARIDES, metabolism/  
PROTEIN BINDING/ REVIEW/  
TRANSFERASES/ URACIL NUCLEOTIDES
4422. Mukherjee TK, Fuller GW, Friars GW: Appraisal of  
collection techniques and storage temperatures on  
turkey plasma cholinesterase levels and blood  
glutathione concentrations.  
Canad J Comp Med 33:233-4, Jul 69  
\*BLOOD PRESERVATION/ \*BLOOD  
SPECIMEN COLLECTION, veterinary/  
\*CHOLINESTERASE, blood/ \*COLD/  
\*GLUTATHIONE, blood/ METHODS/  
\*TURKEYS
4423. Mull MM, Hathaway WE: Altered platelet function in  
newborns. Pediat Res 4:229-37, May 70  
ADENINE NUCLEOTIDES, diagnostic use/  
ADULT/ BLOOD COAGULATION TESTS/  
\*BLOOD PLATELETS, physiology/ CLOT  
RETRACTION/ COLLAGEN, diagnostic use/  
HEMORRHAGIC DIATHESIS, occurrence/  
HUMAN/ \*INFANT, NEWBORN/ INFANT,  
PREMATURE/ PLATELET ADHESIVENESS/  
RESPIRATORY DISTRESS SYNDROME/  
THROMBELASTOGRAPHY/ THROMBIN,  
diagnostic use/ THROMBOPLASTIN, analysis
4424. Mullaney J: The anterior chamber cleavage syndrome.  
Trans Ophthal Soc UK 88:757-66, 1969  
ABNORMALITIES, MULTIPLE, pathology/  
ADHESIONS/ ADOLESCENCE/ \*ANTERIOR  
CHAMBER, abnormalities/ ANTERIOR  
CHAMBER, pathology/ CORNEA,  
abnormalities/ CORNEAL OPACITY,  
pathology/ EYE DISEASES, congenital/  
FEMALE/ HUMAN/ INFANT/ IRIS,  
abnormalities/ KERATOCONUS, pathology/  
MALE/ MICROPHthalmOS, pathology/  
MYOPIA, pathology/ RETINAL DETACHMENT,  
pathology/ VITREOUS BODY, abnormalities
4425. Mullen DC, Shull WH, Daugherty HK, et al: Emergency  
thrombectomy of the prosthetic mitral valve.  
Vasc Surg 4:137-40, Jun 70  
ADULT/ ANTICOAGULANTS, therapeutic use/  
EMERGENCIES/ FEMALE/ FIBRIN/ \*HEART  
VALVE PROsthESIS, adverse effects/  
HUMAN/ \*MITRAL VALVE/ POSTOPERATIVE  
COMPLICATIONS/ THROMBIN/ THROMBOSIS,  
prevention & control/ \*THROMBOSIS, surgery
4426. Müller D: Klinik und Pathogenese der  
Osteomyelose.  
Deutsch Med Wschr 95:643-8, 20 Mar 70 (73 ref.) (Ger)  
ALKALINE PHOSPHATASE, blood/  
ANDROGENS, therapeutic use/  
ANTINEOPLASTIC AGENTS, therapeutic use/  
BASOPHILS/ BLOOD CELL COUNT/ BLOOD  
PLATELETS/ ERYTHROCYTE COUNT/  
FEMALE/ HEMATOPOIESIS/ HUMAN/  
LEUKEMIA, enzymology/ LEUKOCYTE  
COUNT/ MALE/ \*MYELOFIBROSIS/  
MYELOFIBROSIS, blood/ MYELOFIBROSIS,  
drug therapy/ MYELOFIBROSIS, enzymology/  
MYELOFIBROSIS, etiology/ POLYCYTHEMIA  
VERA, complications/ RETICULOCYTES/  
REVIEW
4427. Müller G, Wongphaet S: Die färberischen  
Eigenschaften von sulfatiertem Polyanion (SP 54)  
Acta Histochem (Jena) 28:190-2, 1967 (Ger)  
\*DYES/ HEPARIN/ \*HISTOCYTOCHEMISTRY/  
PERIODIC ACIDS/ \*POLYSACCHARIDES
4428. Müller JH, Schmidt KH, Lüning M, et al: Doppelseitige  
Veränderungen beim  
Klippel-Trenaunay-Weber-Syndrom mit  
Fehlbildungen im arteriellen, venösen und  
lymphatischen Gerässsystem.  
Radiol Diagn (Berlin) 10:341-8, 1969 (Ger)  
ABNORMALITIES, MULTIPLE, complications/  
ABNORMALITIES, MULTIPLE, radiography/  
ADULT/ \*ANGIOMATOSIS, complications/  
AORTOGRAPHY/ \*ARTERIOVENOUS  
FISTULA, congenital/ ARTERIOVENOUS  
MALFORMATIONS, complications/  
ARTERIOVENOUS MALFORMATIONS,  
radiography/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LEG, blood supply/ \*LYMPHATIC SYSTEM,  
abnormalities/ LYMPHOGRAPHY/  
PHLEBOGRAPHY
4429. Müller JH, Schmidt KH: Angiographische Befunde  
beim Klippel-Trenaunay-Weber-Syndrom.  
Fortschr Roentgenstr 110:540-52, Apr 69 (Ger)  
ADOLESCENCE/ ADULT/ \*ANGIOGRAPHY/  
\*ANGIOMATOSIS, radiography/  
ARTERIOVENOUS FISTULA, radiography/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ FEMORAL ARTERY, radiography/  
HUMAN/ \*LEG, blood supply/ MALE/  
PHLEBOGRAPHY
4430. Muller JM, Couderc P, Kolodie L, et al: La maladie de  
Moscicowitz: coagulopathie de consommation?  
Presse Med 77:1895-8, 29 Nov 69 (Fre)  
ADULT/ ANEMIA, HEMOLYTIC,  
complications/ ANEMIA, HEMOLYTIC,  
diagnosis/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
\*CEREBROVASCULAR DISORDERS/ ENGLISH  
ABSTRACT/ FACTOR V, analysis/ FACTOR  
VII, analysis/ FACTOR X, analysis/ FEVER/  
FIBRINOGEN, analysis/ HEMOSTASIS/  
HEPARIN, administration & dosage/ HUMAN/  
ISCHEMIA/ KIDNEY FAILURE, CHRONIC,  
complications/ KIDNEY FAILURE, CHRONIC,  
diagnosis/ MALE/ NEUROLOGIC  
MANIFESTATIONS/ PROTHROMBIN TIME/  
PURPURA, THROMBOTIC THROMBOPENIC,  
complications/ PURPURA, THROMBOTIC  
THROMBOPENIC, diagnosis/ THROMBIN,  
analysis/ \*THROMBOSIS
4431. Muller JM, Guignier M, Cordonnier D, et al: Technique  
simple de circulation croisée utilisée comme méthode  
d'assistance hépatique temporaire dans l'ictère grave  
par hépatite virale.  
Presse Med 77:1483-4, 11 Oct 69 (Fre)  
ANIMAL EXPERIMENTS/ \*ASSISTED  
CIRCULATION/ HEPARIN, therapeutic use/  
\*HEPATIC COMA, therapy/ \*HEPATITIS,  
INFECTIOUS, complications/ HUMAN/  
\*JAUNDICE, therapy/ LIVER  
REGENERATION/ \*PARABIOSIS
4432. Müller KH: Comparative studies on the influence of  
plasma substitutes on coagulation in vivo.  
Bibl Haemat 33:434-51, 1969  
ADULT/ AGED/ \*BLOOD COAGULATION,  
drug effects/ BLOOD COAGULATION TESTS/  
DEXTRAN, pharmacodynamics/ GELATIN,  
pharmacodynamics/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ HUMAN/ IN VITRO/  
LIVER FUNCTION TESTS/ MIDDLE AGE/  
\*PLASMA SUBSTITUTES, pharmacodynamics/  
THROMBELASTOGRAPHY
4433. Müller M: Lysosomal hydrolases in Acanthamoeba sp.  
J Protozool 16:428-31, Aug 69  
ANIMAL EXPERIMENTS/ CATALASE,  
metabolism/ CENTRIFUGATION, DENSITY  
GRADIENT/ GLUCOSIDASE, metabolism/  
GLUCURONIDASE, metabolism/ GLYCOSIDE  
HYDROLASES, metabolism/ HYDROGEN-ION  
CONCENTRATION/ \*HYDROLASES,  
metabolism/ \*LYSOSOMES, enzymology/  
MALATE DEHYDROGENASE, metabolism/  
MITOCHONDRIA, enzymology/ PEPTIDE  
HYDROLASES, metabolism/ PHOSPHATASES,  
metabolism/ RIBONUCLEASE, metabolism/



# AUTHOR SECTION

- \*SARCODINA, cytology/ SARCODINA, enzymology/ URATE OXIDASE, metabolism
4434. Müller ME: Total hip prostheses. Clin Orthop 72:46-68, Sep-Oct 70  
ACETABULUM, surgery/ \*ARTHROPLASTY/ BIODEGRADATION/ CALCINOSIS, etiology/ CHROMIUM-COBALT ALLOYS/ DEATH/ FEMORAL ARTERY, injuries/ FEMORAL FRACTURES, etiology/ FEMORAL NERVE, injuries/ FEMORAL VEIN, injuries/ FEMUR, injuries/ FEMUR HEAD, surgery/ HEMATOMA, etiology/ HEMORRHAGE/ \*HIP, surgery/ HIP JOINT/ HUMAN/ LIGAMENTS, ARTICULAR, injuries/ MOVEMENT/ NECROSIS, etiology/ OSTEOTOMY/ PLASTICS/ POLYETHYLENES/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ \*PROSTHESIS/ PSEUDARTHROSIS, etiology/ SURGICAL WOUND INFECTION, etiology/ THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, etiology
4435. Müller W, Zahn RK: Morphologie und Biochemie des Klebens Cuvierscher Organe. Hoppe Seyler Z Physiol Chem 350:1179-80, Oct 69 (Ger)  
ADHESIVENESS/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ \*ECHINODERMATA/ HYDROGEN-ION CONCENTRATION/ \*INTESTINES
4436. Müller-Berghaus G: Zur Pathophysiologie der Verbrauchskoagulopathie. Bibl Haemat 32:257-69, 1969 (26 ref.) (Ger)  
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ CATECHOLAMINES, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ ENDOTOXINS, pharmacodynamics/ FIBRINOLYSIS/ HEMOLYSIS/ HEMORRHAGE, complications/ HUMAN/ KIDNEY, pathology/ MICROSCOPY, ELECTRON/ MONKEYS/ NECROSIS, complications/ PHAGOCYTOSIS/ PHENOXYBENZAMINE, pharmacodynamics/ PREGNANCY/ PREGNANCY, ANIMAL/ RETICULOENDOTHELIAL SYSTEM/ REVIEW/ SHOCK, ENDOTOXIC/ SHWARTZMAN PHENOMENON/ THROMBOPLASTIN, pharmacodynamics
4437. Müller-Berghaus G: Pathophysiology of disseminated intravascular coagulation. Thromb Diath Haemorrh 36:Suppl 36:45-61, 1969  
ACIDOSIS, complications/ ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTICOAGULANTS/ ANTIGENS/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS/ BLOOD VOLUME/ COLLOIDS/ CORTICOTROPIN, pharmacodynamics/ CORTISONE, pharmacodynamics/ ENDOTOXINS/ FEMALE/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ HEMOLYSIS/ HUMAN/ HYPERLIPEMIA, complications/ KIDNEY CORTEX NECROSIS, blood/ LEUKOCYTES/ NOREPINEPHRINE/ PEPTIDE HYDROLASES/ PHAGOCYTOSIS/ PHENOXYBENZAMINE/ PREGNANCY/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SHWARTZMAN PHENOMENON, chemically induced/ SYMPATHOLYTICS/ THROMBOPLASTIN
4438. Müller-Berghaus G, Lasch HG: Consumption of Hageman factor activity in the generalized Schwartzman reaction induced by liqoid. Its prevention by inhibition of Hageman factor activation. Thromb Diath Haemorrh 23:386-404, 1970  
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ AUTOPSY/ BLOOD COAGULATION TESTS/ FACTOR XII, antagonists & inhibitors/ \*FACTOR XII, metabolism/ FEMALE/ KIDNEY, pathology/ LUNG, pathology/ MALE/ MURAMIDASE/ RABBITS/ \*SHWARTZMAN PHENOMENON, enzymology/ SHWARTZMAN PHENOMENON, immunology/ SHWARTZMAN PHENOMENON, prevention & control/ SULFONIC ACIDS, pharmacodynamics
4439. Müller-Ruchholtz W, Füllhaas J, Sonntag HG: Untersuchungen über Intestinalantikörper. II. Vorkommen und Schutzfunktion intestinaler Antikörper nach Hemmung antagonistischer Darmsaft-Wirkungen. Z Immunitätsforsch 140:105-14, Jul 70 (Ger)  
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ \*ANTIBODIES/ ANTIGENS/ ENGLISH ABSTRACT/ \*INTESTINAL SECRETIONS, immunology/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MICE/ \*SALMONELLA INFECTIONS, ANIMAL, prevention & control/ SALMONELLA TYPHIMURIUM
4440. Müller-Ruchholtz W, Sonntag HG: A simple method for continuous cross transfusion of blood between unrestrained rats. J Appl Physiol 28:393-6, Mar 70  
ANIMAL EXPERIMENTS/ \*BLOOD TRANSFUSION/ BLOOD VISCOSITY/ CAROTID ARTERIES, surgery/ INTUBATION/ JUGULAR VEIN, surgery/ METHODS/ RATS
4441. Müller-Wieland K, Berndt W: Verleick der enzymatischen Aktivität verschiedener Pankreasfermentpräparate in vitro. Deutsch Med Wschr 94:1870-2, 12 Sep 69 (Ger)  
AMYLASE, metabolism/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ ESTERASES, metabolism/ HUMAN/ LIPASE, metabolism/ \*PANCREAS, enzymology/ PANCREATIC DISEASES, drug therapy/ PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ TABLETS/ TRYPSIN, metabolism
4442. Munding F, Walter E, Kaiser G: Die regionale Hirndurchblutung bei schweren Hirnschäden und ihre Änderung durch Aescin, untersucht mit Xenon 133. Arzneimittelforschung 19:1123-8, Jul 69 (Ger)  
\*AESCULUS, pharmacodynamics/ BLOOD FLOW VELOCITY/ \*BRAIN, blood supply/ \*BRAIN INJURY, ACUTE, physiopathology/ DIENCEPHALON, blood supply/ ENGLISH ABSTRACT/ GANGLIA, BASAL, blood supply/ HEMODYNAMICS/ HUMAN/ METHODS/ NERVE TISSUE, blood supply/ ORGAN WEIGHT/ \*PARKINSONISM, physiopathology/ RADIOISOTOPES/ \*REGIONAL BLOOD FLOW drug effects/ STIMULATION, CHEMICAL/ XENON
4443. Munemoto K, Iwayama Y, Yoshida M, et al: Isolation and characterization of acid mucopolysaccharides of bovine periodontal membrane. Arch Oral Biol 15:369-82, May 70  
ANIMAL EXPERIMENTS/ CATTLE/ CHONDROITIN, analysis/ ELECTROPHORESIS/ HEPARIN, analysis/ HYALURONIC ACID, analysis/ \*MUCOPOLYSACCHARIDES, analysis/ \*PERIODONTIUM, analysis/ SULFATES, analysis
4444. Murakami M, Fukunaga K, Matsubashi M, et al: Stimulative effect of proteins on protease formation by Serratia sp. Blochim Biophys Acta 192:378-80, 18 Nov 69  
ALBUMINS, pharmacodynamics/ AMINO ACIDS, pharmacodynamics/ CATTLE/ CULTURE MEDIA/ DIPEPTIDES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ \*PEPTIDE HYDROLASES, biosynthesis/ PEPTIDES, pharmacodynamics/ PEPTONES, pharmacodynamics/ \*PROTEINS, pharmacodynamics/ SERRATIA, drug effects/ \*SERRATIA, enzymology/ SERRATIA, isolation & purification/ SERUM ALBUMIN, BOVINE,



# AUTHOR SECTION

pharmacodynamics/ SILKWORMS/  
STIMULATION, CHEMICAL

CHEMICAL/ \*THROMBIN, pharmacodynamics/  
TIME FACTORS

4445. Murakami M, Umeda T: [Examination of the plasma clotting activities-determination of contact factors XII, XI] Jap J Clin Path 16:Suppl 16:66-74, 1969 (Jap)  
\*BLOOD COAGULATION TESTS/ \*FACTOR XI, analysis/ \*FACTOR XII, analysis/ METHODS
4446. Murakami Y: Simultaneous determination of viscosity and surface tension of several biological liquids by Adachi's "capillary fall" method.  
Biorheology 6:251, Jan 70  
BLOOD VISCOSITY/ FATTY ACIDS/ HUMAN/ LIPOPOLYSACCHARIDES/ MACROMOLECULAR SYSTEMS/ PEPTIDES/ \*SURFACE TENSION/ \*VISCOSITY
4447. Muramatsu T, Nathenson SG: Isolation of a chromatographically unique glycopeptide from murine histocompatibility-2 (H-2) membrane alloantigens labelled with H3-fucose of H3-glucosamine.  
Biochem Biophys Res Commun 38:1-8, 6 Jan 70  
ANTIGEN-ANTIBODY REACTIONS/ \*ANTIGENS, analysis/ CELL MEMBRANE, immunology/ ELECTROPHORESIS, DISK/ FUCOSE/ GEL FILTRATION/ GLUCOSAMINE/ GLYCOPROTEINS, analysis/ HISTOCOMPATIBILITY/ IMMUNE SERUMS/ MAST CELLS/ MICE/ MOLECULAR WEIGHT/ NEOPLASMS, immunology/ PAPAINE/ PEPTIDE HYDROLASES/ \*PEPTIDES, isolation & purification/ TISSUE CULTURE/ TRITIUM
4448. Muramatsu M, Fujii S: Effect of diazonium-1H-tetrazole and tetranitromethane on trypsin activity.  
J Biochem (Tokyo) 66:455-62, Oct 69  
AMINO ACIDS, analysis/ AMINOCAPROIC ACID/ AUTOANALYSIS/ BIOCHEMISTRY/ \*DIAZONIUM COMPOUNDS, pharmacodynamics/ ENZYME ACTIVATION/ \*METHANE, pharmacodynamics/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRYPSIN, antagonists & inhibitors/ TRYPSIN, metabolism/ VALERATES
4449. Murashov RG, Vereshagina VS: Svertyvalushchala i antisvertyvalushchala sistemy i lipidny krovi u bol'nykh ateroskleroticheskim kardiosklerozom pri lechenii khloridnymi natrievymi brom-iodnymi vannami. Vop Kurort Fizioter 34:44-7, 1969 (Rus)  
\*BALNEOLOGY/ \*BLOOD COAGULATION/ BROMINE/ \*CORONARY DISEASE, blood/ CORONARY DISEASE, therapy/ HUMAN/ IODIDES/ \*LIPIDS, blood/ MIDDLE AGE/ MINERAL WATERS
4450. Murav'ev MF: Novyi metod lecheniya tromboflebitov konechnostei.  
Vop Kurort Fizioter 34:229-33, May-Jun 69 (Rus)  
ADULT/ \*BLOOD COAGULATION DISORDERS, therapy/ FEMALE/ HUMAN/ MAGNETICS/ MALE/ MIDDLE AGE/ \*PHYSICAL THERAPY/ \*THROMBOPHLEBITIS, therapy
4451. Mürer EH: Thrombin-induced release of calcium from blood platelets. Science 168:623, 31 Oct 69  
ANTIMYCIN A, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ \*CALCIUM, secretion/ HEMOCHROMATOSIS, blood/ HUMAN/ \*THROMBIN, pharmacodynamics
4452. Mürer EH: A comparative study of the action of release inducers upon platelet release and phosphorus metabolism. Biochim Biophys Acta 192:138-40, 7 Oct 69  
ADENINE NUCLEOTIDES, metabolism/ BLOOD/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ HEXOSEPHOSPHATES, metabolism/ HEXOSES, pharmacodynamics/ HUMAN/ IN VITRO/ \*LATEX PARTICLES, pharmacodynamics/ NUCLEOSIDES, metabolism/ NUCLEOTIDES, metabolism/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PLASMA/ STIMULATION,
4453. Murisasco A, Beisunce M de, Picon G, et al: Problèmes posés par la désobstruction des shunts artério-veineux.  
Anesth Analg (Paris) 27:147-52, Jan-Feb 70 (Fre)  
ARTERIOVENOUS FISTULA/ \*ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD COAGULATION DISORDERS, complications/ \*HEMODIALYSIS/ HEMODYNAMICS/ HUMAN/ \*KIDNEY FAILURE, CHRONIC, therapy/ \*THROMBOSIS, etiology/ THROMBOSIS, surgery
4454. Murphy DL, Colburn RW, Davis JM, et al: Stimulation by lithium of monoamine uptake in human platelets.  
Life Sci 8:1187-93, 1 Nov 69  
\*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ HUMAN/ IMIPRAMINE, pharmacodynamics/ \*LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ \*METARAMINOL, metabolism/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ \*SEROTONIN, metabolism/ TRITIUM
4455. Murphy DL, Colburn RW, Davis JM, et al: Imipramine and lithium effects of biogenic amine transport in depressed and manic-depressed patients.  
Amer J Psychiat 127:339-45, Sep 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD PLATELETS, metabolism/ BRAIN, metabolism/ CELL MEMBRANE, drug effects/ DEPRESSION, drug therapy/ \*DEPRESSION, metabolism/ HUMAN/ \*IMIPRAMINE, administration & dosage/ \*LITHIUM, administration & dosage/ METARAMINOL, metabolism/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ \*PSYCHOSES, MANIC-DEPRESSIVE, metabolism/ RATS/ SEROTONIN, metabolism/ \*SYMPATHOMIMETICS, metabolism
4456. Murphy EA, Francis ME: The estimation of blood platelet survival. I. General principles of the study of cell survival.  
Thromb Diath Haemorrh 22:281-95, 15 Nov 69  
\*BLOOD PLATELETS, physiology/ MODELS, BIOLOGIC/ RADIOISOTOPES
4457. Murphy EG: Surgical treatment of massive hemangioma of the liver: report of 2 cases.  
J Amer Osteopath Ass 69:656-64, Mar 70  
FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ \*HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ \*LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE
4458. Murphy S, Sayar SN, Gardner FH: Storage of platelet concentrates at 22 degrees C. Blood 35:549-57, Apr 70  
ADULT/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MICROSCOPY, PHASE CONTRAST/ PLASTICS/ \*TEMPERATURE/ THROMBOPENIA, therapy
4459. Murphy WT: The role of radiation therapy in the management of soft somatic tissue sarcoma.  
Proc Nat Cancer Conf 6:775-88, 1970  
ADULT/ AGED/ ANGIOSARCOMA, radiotherapy/ CHILD, PRESCHOOL/ FEMALE/ FIBROSARCOMA, radiotherapy/ HEMANGIOEPICITOMA, radiotherapy/ HUMAN/ LIPOSARCOMA, radiotherapy/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ \*NEOPLASMS, radiotherapy/ RADIOTHERAPY DOSAGE/ RHABDOMYOSARCOMA, radiotherapy/ \*SARCOMA, radiotherapy/ SARCOMA, KAPOSI'S, radiotherapy/ SYNOVIOMA, radiotherapy
4460. Murray TS, Lorimer AR, Cox FC, et al: Leg-vein



## AUTHOR SECTION

- thrombosis following myocardial infarction.  
Lancet 2:792-3, 17 Oct 70  
ADULT/ FEMALE/ FIBRINOGEN/ HUMAN/  
IODINE ISOTOPES/ \*LEG, blood supply/  
MALE/ MIDDLE AGE/ \*MYOCARDIAL  
INFARCT, complications/ PULMONARY  
EMBOLISM, etiology/ THROMBOPHLEBITIS,  
diagnosis/ \*THROMBOPHLEBITIS, etiology
4461. Musial W, Krykowski E: Niedokrwistość samolstna w przebiegu tocznia narządowego w świetle własnych obserwacji. Pol Tyg Lek 25:654-6, 4 May 70 (Pol)  
ADOLESCENCE/ \*ANEMIA, HEMOLYTIC, complications/ FEMALE/ HUMAN/ \*LUPUS  
ERYTHEMATOSUS, SYSTEMIC, complications/  
MIDDLE AGE/ SPLENECTOMY/  
\*THROMBOPENIA, complications
4462. Musiatovich Iu, Beletskii M, Ezuita Ia, et al: Vllanie énkortona na sistemu svertyvaniia i fibrinoliza pri lechenii nekotorykh vospalitel'nykh sostolanií v poslerodovom periode.  
Probl Endokr (Moskva) 13:50-3, Mar-Apr 67 (Rus)  
\*ADRENAL CORTEX HORMONES,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ ENGLISH ABSTRACT/ FACTOR  
V, analysis/ FACTOR VII, analysis/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug  
effects/ PROTHROMBIN, analysis/  
\*PUERPERAL INFECTION, drug therapy/  
THROMBIN, analysis/ THROMBOPLASTIN,  
analysis
4463. Musienko VI: O sostolanií svertyvalushchei i antisvertyvalushchei sistemy krovi pri zheludochno-kishechnykh krovotekheniakh.  
Khirurgia (Moskva) 45:131-3, Jul 69 (Rus)  
ADULT/ \*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ \*PEPTIC ULCER  
HEMORRHAGE, blood
4464. Musikhin LS, Shabarov AA: O tochnosti podscheta trombotsitov dvumia razlichnymi metodami.  
Lab Delo 2:112-3, 1970 (Rus)  
ADULT/ \*BLOOD CELL COUNT/ \*BLOOD  
PLATELETS/ HUMAN/ MALE/ METHODS
4465. Musset R, Poitout P: Péritionisation et prévention des adhérences dans le traitement opératoire des stérilités d'origine annexielle.  
Presse Med 78:1113-4, 16 May 70 (Fre)  
ADHESIONS, surgery/ FEMALE/ HUMAN/  
OVARY, surgery/ PERITONEUM, surgery/  
\*STERILITY, FEMALE, surgery/ UTERUS,  
surgery
4466. Musset R, Poitout P, Pilsson F: Un procédé inédit de péritionisation et de prévention des adhérences post-opératoires au cours du traitement chirurgical des stérilités d'origine annexielle.  
Gynec Obstet (Paris) 68:203-10, Apr-May 69 (Fre)  
ADHESIONS, prevention & control/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ METHODS/  
OVARY, surgery/ \*PERITONEUM, surgery/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ SALPINGITIS/  
\*STERILITY, FEMALE, surgery
4467. Mussnug G: Zur Biochemie der Entzündung und Odembildung sowie der Pharmakokinetik des Aescins.  
Arzneimittelforschung 19:1588-93, Sep 69 (47 ref.) (Ger)  
AESCULUS, metabolism/ AESCULUS,  
pharmacodynamics/ \*AESCULUS, therapeutic  
use/ ANTI-INFLAMMATORY AGENTS,  
pharmacodynamics/ BIOLOGICAL TRANSPORT,  
drug effects/ CELL MEMBRANE,  
drug effects/ CONNECTIVE TISSUE, drug  
effects/ \*EDEMA, drug therapy/ EDEMA,  
etiology/ EDEMA, prevention & control/  
ENGLISH ABSTRACT/ FRACTURES, drug  
therapy/ HEART FAILURE, CONGESTIVE,  
drug therapy/ HUMAN/ \*INFLAMMATION,  
drug therapy/ REVIEW/ STIMULATION,  
CHEMICAL/ TIME FACTORS/ WATER/  
WOUNDS AND INJURIES, drug therapy
4468. Mustakallio KK, Blomqvist K, Laiho K: Papillary deposition of fibrin, a characteristic of initial lesions of dermatitis herpetiformis.  
Ann Clin Res 2:13-8, Mar 70  
BLISTER, diagnosis/ DAPSONE, therapeutic  
use/ \*DERMATITIS HERPETIFORMIS,  
diagnosis/ DERMATITIS HERPETIFORMIS,  
physiopathology/ DIAGNOSIS, DIFFERENTIAL/  
ERYTHEMA MULTIFORME, diagnosis/  
\*FIBRIN, analysis/ FLUORESCENT ANTIBODY  
TECHNIC/ HUMAN/ PEMPFIGUS, diagnosis/  
SKIN, analysis/ STAINS AND STAINING
4469. Mustala OO, Azarnoff DL: Effect of oxygen tension on drug levels and pharmacological action in the intact animal. Proc Soc Exp Biol Med 132:37-41, Oct 69  
ANIMAL EXPERIMENTS/ ANOXIA, blood/  
\*ANOXIA, metabolism/ \*BARBITURATES,  
pharmacodynamics/ \*BRAIN CHEMISTRY/  
HEXOBARBITAL, analysis/ HEXOBARBITAL,  
blood/ HEXOBARBITAL, pharmacodynamics/  
\*HYPERBARIC OXYGENATION/ ISONIAZID,  
analysis/ ISONIAZID, blood/ MALE/  
PHENYLBUTAZONE, analysis/  
PHENYLBUTAZONE, blood/  
PROPIOPHENONES, analysis/  
PROPIOPHENONES, blood/ RATS/  
SULFADIAZINE, analysis/ SULFADIAZINE,  
blood/ WARFARIN, analysis/ WARFARIN,  
blood/ ZOAZOLAMINE, analysis/  
ZOAZOLAMINE, blood/ ZOAZOLAMINE,  
pharmacodynamics
4470. Mustard JF, Packham MA: Thromboembolism: a manifestation of the response of blood to injury. Circulation 42:1-21, Jul 70 (139 ref.)  
ADENINE NUCLEOTIDES, blood/ ADENINE  
NUCLEOTIDES, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ ANTICOAGULANTS,  
pharmacodynamics/ BLOOD CIRCULATION/  
BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, antagonists &  
inhibitors/ BLOOD PLATELETS, drug effects/  
\*BLOOD PLATELETS, physiology/ BLOOD  
VESSELS, injuries/ COLLAGEN,  
pharmacodynamics/ DIET/ ENDOTOXINS,  
pharmacodynamics/ FIBRIN/ FIBRINOLYTIC  
AGENTS, pharmacodynamics/ HEMORRHAGE,  
ORAL/ HUMAN/ LEUKOCYTES, physiology/  
MICROSCOPY, ELECTRON/ MYOCARDIAL  
INFARCT, etiology/ PLATELET  
ADHESIVENESS/ REVIEW/  
\*THROMBOEMBOLISM, etiology/  
THROMBOSIS, physiopathology/ \*WOUNDS  
AND INJURIES, blood
4471. Mustard JF, Packham MA: Factors influencing platelet function: adhesion, release, and aggregation. Pharmacol Rev 22:97-187, Jun 70 (713 ref.)  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANESTHETICS, LOCAL, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,  
pharmacodynamics/ BLOOD PLATELETS,  
cytology/ BLOOD PLATELETS, drug effects/  
BLOOD PLATELETS, enzymology/ BLOOD  
PLATELETS, immunology/ BLOOD  
PLATELETS, metabolism/ \*BLOOD  
PLATELETS, physiology/ BLOOD  
TRANSFUSION/ CELL AGGREGATION, drug  
effects/ CELL MEMBRANE, drug effects/  
CHELATING AGENTS, pharmacodynamics/  
EPINEPHRINE, pharmacodynamics/ GAMMA  
GLOBULIN/ HEMOSTASIS/ HEPARIN,  
pharmacodynamics/ PHAGOCYTOSIS/  
PLATELET ADHESIVENESS, drug effects/  
REVIEW/ SEROTONIN, pharmacodynamics/  
SULFHYDRYL COMPOUNDS,  
pharmacodynamics/ THROMBOSIS,  
physiopathology
4472. Muszbek L, Sümejl J: The effect of glucose, glucose monophosphates and inorganic phosphate on the tryptic digestion of phosphorylase b.  
Experientia 26:25-6, 15 Jan 70  
CHEMISTRY/ FLUOROMETRY/ \*GLUCOSE/  
\*GLUCOSYLTRANSFERASES/  
\*HEXOSEPHOSPHATES/  
SPECTROPHOTOMETRY/ \*TRYPSIN  
INHIBITORS



## AUTHOR SECTION

4473. Muszyńska G: Jony w katalizie enzymatycznej. Postepy Biochem 16:67-88, 1970 (80 ref.) (Pol)  
ABSORPTION/ ANIMAL EXPERIMENTS/  
CARBOXYPEPTIDASES, metabolism/  
\*COENZYMES, metabolism/ ENGLISH  
ABSTRACT/ \*ENZYMES, metabolism/  
ESTERASES, metabolism/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ IONS/  
PEPTIDE HYDROLASES, metabolism/  
REVIEW/ \*TRACE ELEMENTS, metabolism
4474. Muto M: [Studies on the role of SH-dependent proteases in Arthus hypersensitivity reaction and its biological significance. I. Purification of SH-dependent proteases isolated from cutaneous Arthus lesions]  
J Kumamoto Med Soc 43:681-9, 25 Aug 69 (Jap)  
ANIMAL EXPERIMENTS/ \*ARTHUS  
PHENOMENON, enzymology/  
CHROMATOGRAPHY/ ELECTROPHORESIS/  
ENGLISH ABSTRACT/ GEL FILTRATION/  
MALE/ \*PEPTIDE HYDROLASES, isolation & purification/ RABBITS/ SPECTRUM ANALYSIS
4475. Muto M: [Studies on the role of SH-dependent proteases in Arthus-type hypersensitivity reaction. II. Production of Arthus permeability factors and activation of leukogresin by Arthus proteases]  
J Kumamoto Med Soc 43:690-706, 25 Aug 69 (Jap)  
ANIMAL EXPERIMENTS/ \*ARTHUS  
PHENOMENON, enzymology/ ARTHUS  
PHENOMENON, etiology/ \*CAPILLARY  
PERMEABILITY, drug effects/  
CHROMATOGRAPHY/ ELECTROPHORESIS/  
ENGLISH ABSTRACT/ ENZYME  
ACTIVATION/ GEL FILTRATION/ MALE/  
PEPTIDE HYDROLASES, isolation & purification/ \*PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS
4476. Mutt V, Jorpes JE, Magnusson S: Structure of porcine secretin. The amino acid sequence.  
Europ J Biochem 15:513-9, Sep 70  
AMINO ACID SEQUENCE/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ GLUCAGON/ PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES, analysis/  
\*SECRETIN/ SWINE/ TRYPSIN
4477. Myall RW, Price BB: Teaching medicine to dental students: role of the clinical laboratory.  
J Dent Educ 34:220-2, Sep 70  
ARCHITECTURE/ BACTERIA, isolation & purification/ BLOOD COAGULATION TESTS/  
DIABETES MELLITUS, diagnosis/  
\*DIAGNOSIS, LABORATORY/ \*DIAGNOSIS, ORAL/ \*EDUCATION, DENTAL/ \*STUDENTS, DENTAL/ URINE, analysis
4478. Mydlík M: Komplikácie po perkutánnej obličkovej biopsii. Súhrnný referát.  
Vnitřní Lek 16:168-76, Feb 70 (77 ref.) (Slo)  
ADULT/ AGE FACTORS/ ARTERIOVENOUS  
FISTULA, etiology/ \*BIOPSY, adverse effects/  
BIOPSY, mortality/ BLOOD PRESSURE/  
CHILD/ ENGLISH ABSTRACT/ FEVER,  
etiology/ HEMATOMA, etiology/ HEMATURIA,  
etiology/ HUMAN/ HYPOTENSION, etiology/  
KIDNEY, blood supply/ KIDNEY DISEASES,  
etiology/ KIDNEY DISEASES, pathology/  
PERITONEAL DISEASES, etiology/ REVIEW/  
SYNCOPE, etiology
4479. Myhre HO, Høien A: Tromboseprofylakse. Dextran eller warfarin-natrium?  
Nord Med 82:1534-8, 4 Dec 69 (Nor)  
AGED/ \*DEXTRAN, administration & dosage/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LEG/ MALE/ MIDDLE AGE/  
PHLEBOGRAPHY/ PULMONARY EMBOLISM,  
mortality/ SODIUM/ \*THROMBOPHLEBITIS,  
prevention & control/ THROMBOPHLEBITIS,  
surgery/ TIME FACTORS/ \*WARFARIN,  
administration & dosage
4480. Myrhe-Jensen O, Larsen SB, Astrup T: Fibrinolytic activity in serosal and synovial membranes. Rats, guinea pigs, and rabbits.  
Arch Path (Chicago) 88:623-30, Dec 69  
ANIMAL EXPERIMENTS/ DIAPHRAGM,  
enzymology/ ENZYME ACTIVATION/  
EPIDIDYMIS, enzymology/ EPITHELIUM,  
enzymology/ FEMALE/ \*FIBRINOLYSIS/  
GUINEA PIGS/ MALE/ MYOCARDIUM,  
enzymology/ PERICARDIUM, enzymology/  
PERITONEUM, enzymology/ PLASMINOGEN,  
metabolism/ PLEURA, enzymology/ RABBITS/  
RATS/ \*SEROUS MEMBRANE, enzymology/  
\*SYNOVIAL MEMBRANE, enzymology/  
TESTIS, enzymology
4481. Myllylä G: Hemofillan uusi hoitomenetelmä.  
Duodecim 85:850-3, 1969 (Fin)  
ANTI-ANTIBODIES/ BLOOD COAGULATION  
FACTORS, therapeutic use/ \*HEMOPHILIA,  
drug therapy/ HEMOSTASIS/ HUMAN/  
METHODS
4482. Myślińska M, Jarzyńska W: Przyczynę do zagażenia stosowania trypsyny w próchnicy niepowikłanej.  
Czas Stomat 22:1031-3, Nov 69 (Pol)  
\*DENTAL CARIES, drug therapy/ \*DENTAL  
PULP, drug effects/ ENGLISH ABSTRACT/  
HUMAN/ \*TRYPSIN, therapeutic use
4483. Mzhamalova ZM, Turaeva FZ: Slipchivoe vospalenie (sinekhil) vul'vy.  
Akush Ginek (Moskva) 45:64, Aug 69 (Rus)  
ADHESIONS/ CHILD/ HUMAN/ \*VULVITIS
- ### N
4484. Nabeshima S: The fibrinogen-fibrin system in human intracranial tumor tissues: an immunohistological study. Arch Jap Chir 38:597-611, 1 Jul 69  
ANIMAL EXPERIMENTS/ ANTIGENS/  
\*BRAIN NEOPLASMS, physiotherapy/  
CARCINOMA, EHRlich TUMOR/ FIBRIN,  
physiology/ \*FIBRINOGEN, physiology/  
FLUORESCENT ANTIBODY TECHNIC/ GEL  
DIFFUSION TESTS/ GLIOBLASTOMA  
MULTIFORME/ GLIOMA/ HUMAN/  
IMMUNOELECTROPHORESIS/ IODINE  
ISOTOPES/ MENINGIOMA/ MICE/  
NEOPLASMS, EXPERIMENTAL,  
physiotherapy/ PLASMINOGEN/ RABBITS/  
RADIOISOTOPE SCANNING/ RADIOMETRY/  
RATS/ SARCOMA, YOSHIDA
4485. Nachman RL, Ferris B: Human platelet membrane protein. Biochemistry (Wash) 9:200-5, 20 Jan 70  
ANTIGENS/ \*BLOOD PLATELETS/ \*BLOOD  
PROTEINS/ BLOOD PROTEINS, analysis/  
CARBOHYDRATES, analysis/ \*CELL  
MEMBRANE/ CELL MEMBRANE, analysis/  
CENTRIFUGATION, DENSITY GRADIENT/  
DETERGENTS/ ELECTROPHORESIS, DISK/  
GEL DIFFUSION TESTS/ GEL FILTRATION/  
HEMOSTASIS/ HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ LIPIDS,  
analysis/ MOLECULAR WEIGHT/  
SOLUBILITY/ SULFURIC ACIDS
4486. Nachman RL, Weksler B, Ferris B: Increased vascular permeability produced by human platelet granule cationic extract. J Clin Invest 49:274-81, Feb 70  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,  
pharmacodynamics/ \*BLOOD PLATELETS,  
analysis/ CARBOXYPEPTIDASES,  
pharmacodynamics/ \*CELL MEMBRANE  
PERMEABILITY, drug effects/  
ELECTROPHORESIS/ HUMAN/ IONS/  
LYSOSOMES, analysis/ MALEATES,  
pharmacodynamics/ MAST CELLS, drug  
effects/ METHYLERGIDE, pharmacodynamics/  
MICE/ PROTEINS, antagonists & inhibitors/  
\*PROTEINS, pharmacodynamics/ RABBITS/  
SKIN, blood supply/ SOY BEANS/ \*TISSUE  
EXTRACTS, pharmacodynamics/ TRYPSIN,  
pharmacodynamics/ TRYPSIN INHIBITORS,  
pharmacodynamics
4487. Naegelé M: Die Therapie von Varikosis, Thrombophlebitis und Thromboembolie in Klinik und Praxis mit Solvasol.  
Med Welt 43:2384-8, 25 Oct 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ FEMALE/  
\*HEPARIN, therapeutic use/ HUMAN/ LEG,  
blood supply/ LEG ULCER, drug therapy/



# AUTHOR SECTION

- MALE/ MIDDLE AGE/ \*NICOTINIC ACID, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ \*THROMBOEMBOLISM, drug therapy/ \*THROMBOPHLEBITIS, drug therapy/ \*VARICOSE VEINS, drug therapy
4488. Naess K: Skifting fra trombantin til marevan. Fastleggelse av ny fse. T Norsk Laegeforen 90:1294-5, 15 Jun 70 (Nor)  
HUMAN/ \*PHENINDIONE, adverse effects/ \*WARFARIN, therapeutic use
4489. Naess K: Antikoagulantia-antifogistika-acetylsalicylsyre. Et memento om interaksjon. T Norsk Laegeforen 90:1637-8, 1 Sep 70 (Nor)  
\*ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANGINA PECTORIS, drug therapy/ \*ANTICOAGULANTS, therapeutic use/ \*DRUG SYNERGISM/ ECCHYMOSIS, chemically induced/ FEMALE/ HUMAN/ MIDDLE AGE/ OXYPHENBUTAZONE, administration & dosage/ PAIN, drug therapy/ WARFARIN, adverse effects
4490. Nagahashi C: [Successful hemostasis in massive hemorrhage during labor] Sanfujin Jissai 18:1003-4, Oct 69 (Jap)  
ADULT/ FEMALE/ \*HEMORRHAGE, POSTPARTUM, therapy/ \*HEMOSTASIS/ HUMAN/ LABOR COMPLICATIONS/ PREGNANCY
4491. Nagaki K, Stroud RM: A method for preparing monospecific antisera to Cl esterase (Cls): microheterogeneity of purified Cls. J Immun 105:162-9, Jul 70  
ACRYLATES/ AGAR/ ANIMAL EXPERIMENTS/ ARGININE/ BLOOD PROTEINS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ \*COMPLEMENT, analysis/ COMPLEMENT, metabolism/ ELECTROPHORESIS/ ESTERASES, analysis/ ESTERS/ GEL DIFFUSION TESTS/ GELS/ HUMAN/ \*IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS/ SULFONIC ACIDS/ TOLUENE/ TRYPSIN, pharmacodynamics
4492. Nagaki K, Stroud RM: Immunochemical quantitation of human Cl esterase (Cls): concentration in normal serum and purification yields. J Immun 105:170-4, Jul 70  
ACRYLATES/ ADULT/ ARGININE/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ \*COMPLEMENT, analysis/ EDTA/ ELECTROPHORESIS/ ESTERASES, analysis/ ESTERS/ GEL DIFFUSION TESTS/ HEMOLYSIS/ HEMOLYTIC PLAQUE TECHNIC/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ SULFONIC ACIDS/ TOLUENE
4493. Nagasawa S, Han BH, Sugihara H, et al: Studies on alpha 2-macroglobulin in bovine plasma. II. Interaction of alpha2-macroglobulin and trypsin. J Biochem (Tokyo) 67:821-32, Jun 70  
BENZOATES/ CHEMISTRY/ GEL FILTRATION/ \*MACROGLOBULINS/ MACROGLOBULINS, pharmacodynamics/ TOLUENE/ \*TRYPSIN/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS
4494. Nagasawa S, Suzuki T: A simple method for purification of bovine plasminogen. J Biochem (Tokyo) 66:273-5, Aug 69  
ANIMAL EXPERIMENTS/ CASEIN/ CATTLE/ CENTRIFUGATION/ DIALYSIS/ ELECTROPHORESIS, DISK/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ GEL FILTRATION/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ PLASMINOGEN, analysis/ \*PLASMINOGEN, isolation & purification
4495. Nagatani M, Harada T, Takeda T, et al: [Case of successfully removed giant hemangioma of the adrenal gland] Naika 24:383-6, Aug 69 (Jap)
- \*ADRENAL GLAND NEOPLASMS, surgery/ ADRENALECTOMY/ FEMALE/ \*HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE
4496. Nagay B: Naczyniak tetriczo-zylny reki. Chir Narzad Ruchu Ortop Pol 35:133-4, 1970 (Pol)  
ENGLISH ABSTRACT/ FEMALE/ \*HAND/ \*HEMANGIOMA/ HUMAN/ MIDDLE AGE
4497. Nagel M: Trasylol und Peritonitis. Langenbecks Arch Chir 325:327-33, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BACTERIA/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ INTESTINAL OBSTRUCTION, etiology/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PERITONITIS, complications/ \*PERITONITIS, drug therapy/ PERITONITIS, etiology/ PERITONITIS, mortality/ PERITONITIS, surgery/ RATS/ SHOCK, ENDOTOXIC, etiology
4498. Nagy G: Polycythaemia vera. Folia Haemat (Lepzig) 93:381-97, 1970 (94 ref.) (Ger)  
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD GAS ANALYSIS/ BONE MARROW EXAMINATION/ BROMINE, therapeutic use/ ENGLISH ABSTRACT/ ERYTHROCYTES/ ERYTHROCYTES, enzymology/ ERYTHROPOIETIN, blood/ FEMALE/ HEPATOMEGALY, etiology/ HUMAN/ MALE/ MANNITOL, therapeutic use/ MEGAKARYOCYTES/ MIDDLE AGE/ PHOSPHORUS ISOTOPES, therapeutic use/ POLYCYTHEMIA VERA, complications/ \*POLYCYTHEMIA VERA, diagnosis/ POLYCYTHEMIA VERA, drug therapy/ RESPIRATORY FUNCTION TESTS/ RETINAL VESSELS/ REVIEW/ SKIN, blood supply/ SPLENOMEGALY, etiology
4499. Nagy G, Siró B, Rácz M: Thromboelastographic studies in polycythaemia vera. Acta Med Acad Sci Hung 26:271-4, 1969  
ADULT/ AGED/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ \*POLYCYTHEMIA VERA, blood/ POLYCYTHEMIA VERA, complications/ \*THROMBOELASTOGRAPHY/ VASCULAR DISEASES, complications
4500. Nahas GG, Vourc'h G, Radiguet de la Bastie P, et al: Un nouveau soluté sodé équilibré dans le traitement de l'hémorragie. Presse Med 78:19-22, 3 Jan 70 (Fre)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD VOLUME/ DOGS/ ELECTROLYTES, administration & dosage/ ELECTROLYTES, adverse effects/ ENGLISH ABSTRACT/ GELATIN, administration & dosage/ GELATIN, pharmacodynamics/ HEMATOCRIT/ \*HEMORRHAGE, drug therapy/ HUMAN/ ISOTONIC SOLUTIONS/ LACTATES, administration & dosage/ MACROMOLECULAR SYSTEMS, administration & dosage/ PERFUSION/ \*PLASMA SUBSTITUTES, administration & dosage/ PLASMA SUBSTITUTES, pharmacodynamics/ \*SODIUM, administration & dosage
4501. Naiman JL: Clotting and bleeding in cyanotic congenital heart disease. J Pediatr 76:333-5, Feb 70  
\*BLOOD COAGULATION DISORDERS, etiology/ CHILD, PRESCHOOL/ \*HEART DEFECTS, CONGENITAL, blood/ \*HEMOSTASIS/ HUMAN/ INFANT
4502. Naiman PM: Opyt primenenia trombotesta. Lab Delo 8:486-7, 1969 (Rus)  
ANTICOAGULANTS, therapeutic use/ \*BLOOD COAGULATION TESTS/ HUMAN
4503. Naito C, Felts JM: Influence of heparin on the removal of serum lipoprotein lipase by the perfused liver of the rat. J Lipid Res 11:48-53, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD, drug



## AUTHOR SECTION

effects/ BLOOD, metabolism/ DEPRESSION, CHEMICAL/ DIALYSIS/ \*HEPARIN, pharmacodynamics/ IN VITRO/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ \*LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ LIVER, drug effects/ \*LIVER, metabolism/ MALE/ PERFUSION/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS

4504. Naito J: [Studies on proteolytic enzymes in human prostate and seminal plasma]  
Jap J Leg Med 23:253-61, May 69 (Jap)  
CHYMOTRYPSIN, analysis/ DIPEPTIDASES, analysis/ ENGLISH ABSTRACT/  
FIBRINOLYSIN, analysis/ HUMAN/ LEUCINE AMINOPEPTIDASE, analysis/ MALE/  
\*PEPTIDE HYDROLASES, analysis/  
\*PROSTATE, enzymology/ \*SEMEN, enzymology/ TRYPSIN, analysis

4505. Najean Y, Ardallou N: The use of <sup>75</sup>Se-methionin for the in vivo study of platelet kinetics.  
Scand J Haemat 6:395-401, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, metabolism/ \*BONE MARROW DISEASES, blood/ CELL COUNT/ CHROMIUM ISOTOPES/  
ERYTHROCYTES, metabolism/ HUMAN/ IRON ISOTOPES/ MEGAKARYOCYTES/  
\*METHIONINE, diagnostic use/ NITROGEN, analysis/ RADIATION EFFECTS/  
RADIOISOTOPES/ RATS/ SELENIUM/  
THROMBOPENIA, physiopathology

4506. Nakagawa Y, Bender ML: Methylation of histidine-57 in alpha-chymotrypsin by methyl p-nitrobenzenesulfonate. A new approach to enzyme modification. Biochemistry (Wash) 9:259-67, 20 Jan 70  
AMINO ACIDS, analysis/ BINDING SITES/  
CARBON ISOTOPES/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/  
CHYMOTRYPSIN, antagonists & inhibitors/  
CHYMOTRYPSIN, isolation & purification/  
CINNAMATES/ DRUG STABILITY/  
ELECTROPHORESIS/ \*HISTIDINE/  
HYDROGEN-ION CONCENTRATION/  
IMIDAZOLES/ KINETICS/ METHODS/  
METHYLATION/ \*NITROBENZENES/  
PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDES, analysis/  
SPECTROPHOTOMETRY/ \*SULFONIC ACIDS/  
SWINE/ TRYPSIN INHIBITORS/  
TRYPTOPHAN/ ULTRAVIOLET RAYS

4507. Nakajima H, Kawase M, Tsuchiya K, et al: [Case of Klippel-Weber syndrome with various complications]  
Orthop Surg (Tokyo) 21:813-8, 1970 (Jap)  
ABNORMALITIES, MULTIPLE, complications/  
ADULT/ \*ANGIOMATOSIS, complications/  
\*BONE DISEASES, complications/ FEMALE/  
HUMAN/ SPINE, abnormalities

4508. Nakajima S, Magee DF: Inhibition of exocrine pancreatic secretion by glucagon and D-glucose given intravenously.  
Canad J Physiol Pharmacol 48:299-305, May 70  
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/  
DOGS/ EXOCRINE GLANDS, secretion/  
FEMALE/ GASTRIC FISTULA/  
GASTROENTEROSTOMY/ \*GLUCAGON, administration & dosage/ \*GLUCOSE, administration & dosage/ INJECTIONS,  
INTRAVENOUS/ LIPASE, metabolism/ MALE/  
\*PANCREAS, drug effects/ PANCREAS, enzymology/ \*PANCREAS, secretion/  
PANCREATIC FISTULA/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ SECRETIN, metabolism

4509. Nakamura H: [Studies on the decomposition of organomercury compounds. 3. Decomposition of phenylmercury acetate in vitro]  
J Kumamoto Med Soc 43:1002-10, 25 Dec 69 (Jap)  
AMINO ACIDS/ CHEMISTRY/ ENGLISH

ABSTRACT/ \*MERCURY, analysis/ MUSCLE PROTEINS/ PEPsin/ PROTEINS/ RATS/ TRYPSIN

4510. Nakamura M, Nakagawa Y: Purification of mouse encephalomyelitis virus (GDVII virus) by means of ether extraction, acetone precipitation, trypsin digestion, and hemagglutination.  
Kurume Med J 17:137-44, 1970  
ACETONE/ ANIMAL EXPERIMENTS/  
\*ENCEPHALITIS VIRUSES, isolation & purification/ ETHERS/ HEMAGGLUTINATION/  
METHODS/ MICE/ MICROSCOPY, ELECTRON/  
PRECIPITATION/ TRYPSIN

4511. Nakamura S: [Cross electrophoresis (1969 Japan Medical Association prize-winning thesis)]  
J Jap Med Ass 63:47-63, 1 Jan 70 (54 ref.) (Jap)  
AMYLASE, analysis/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PROTEINS, analysis/  
CATTLE/ CORN/ DIPHTHERIA TOXOID, analysis/ DYES/ \*ELECTROPHORESIS/  
HEMOGLOBIN, analysis/ HUMAN/ IMMUNE SERUMS/ \*IMMUNOELECTROPHORESIS/  
MICE/ RABBITS/ REVIEW/ TRYPSIN INHIBITORS, blood

4512. Nakanishi H, Takeda H: Effect of acetylcholine on the electrical activity of cultured chick embryonic heart.  
Jap J Pharmacol 19:543-50, Dec 69  
\*ACETYLCHOLINE, pharmacodynamics/  
ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ ELECTRIC STIMULATION/ \*HEART, drug effects/  
HEART ATRIUM, cytology/ HEART VENTRICLE, cytology/ TEMPERATURE/  
TISSUE CULTURE/ TRYPSIN

4513. Nakanishi M, Imamura H, Goto K: [Studies on anti-inflammatory agents. XI. Inhibitory effects of 2-amino-3-ethoxycarbonyl-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridine (Y-3642) on platelet aggregation] J Pharm Soc Jap 90:564-9, May 70 (Jap)  
\*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ IN VITRO/ NUCLEOSIDES, pharmacodynamics/  
PHENYLBUTAZONE, pharmacodynamics/  
PLATELET ADHESIVENESS, drug effects/  
\*PYRIDINES, pharmacodynamics/  
SALICYLATES, pharmacodynamics/  
THROMBIN, metabolism

4514. Nakanishi M, Kobayakawa T, Okada T, et al: [Studies on anti-atherosclerotic agents. II. Experimental studies of 1,3-propanediol bis(2-p-chlorophenoxyisobutyrate) (CLY-503) for anti-atherosclerotic agents]  
J Pharm Soc Jap 90:926-32, Aug 70 (Jap)  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, drug therapy/ BLOOD COAGULATION, drug effects/ \*BUTYRATES, pharmacodynamics/ BUTYRATES, therapeutic use/ CAPILLARY PERMEABILITY, drug effects/ COMPARATIVE STUDY/  
DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ LIPIDS, blood/ MALE/ MICE/  
PHENOLS, pharmacodynamics/ PHENOLS, therapeutic use/ PROPANEDIOLS, pharmacodynamics/ PROPANEDIOLS, therapeutic use/ RABBITS/ RATS

4515. Nakano M, Tobita T, Ando T: Fraction of galline, a protamine from fowl sperm, and some characterization of the components.  
Biochim Biophys Acta 207:553-5, 23 Jun 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*CHICKENS/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS, DISK/ MALE/  
\*PROTAMINES, isolation & purification/  
\*SPERMATOOZOA, analysis

4516. Nakashima Y: Antitumor factors of regional lymph node cells in the transplantation of Ehrlich ascites tumor cells. II. Properties of antitumor factors.  
Acta Med Okayama 23:219-26, Jun 69  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC AGENTS/ ASCITES/ \*CARCINOMA, EHRlich



# AUTHOR SECTION

- TUMOR/ CENTRIFUGATION/ FILTRATION/  
HEAT/ \*LYMPH NODES, cytology/ MICE/  
TISSUE CULTURE/ \*TISSUE EXTRACTS/  
TRYPSIN
4517. Nakashima Y: Antitumor factors of draining lymph node cells of the mouse sensitized with ehrlich ascites tumor cells. I. Antitumor effect of subcellular factor. Acta Med Okayama 23:95-104, Apr 69  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC AGENTS/ \*CARCINOMA, EHRlich TUMOR, immunology/ \*LYMPH NODES, immunology/ MICE/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION
4518. Nakashizuka T, Ota N, Mizuno K, et al: [Clinical evaluation of lysozyme capsule in periodontal diseases] Aichi Gakuin J Dent Sci 5:293-8, Mar 68 (Jap)  
ASCORBIC ACID, therapeutic use/ MURAMIDASE, therapeutic use/ PERIODONTAL DISEASES, drug therapy/ SPECIAL LIST DENTAL/ VITAMIN K, therapeutic use
4519. Nakatsui T, Sasaki T, Yoshikuni T, et al: A standard platelet suspension: control of automatic platelet counting with the Coulter counter. Amer J Clin Path 53:659-62, May 70  
\*BLOOD CELL COUNT/ BLOOD CELL COUNT, instrumentation/ \*BLOOD PLATELETS/ HUMAN/ METHODS/ MICROSCOPY, PHASE CONTRAST/ TIME FACTORS
4520. Nakazawa K, Murata K, Izuka K, et al: The short-term effects of chondroitin sulfates A and C on coronary atherosclerotic subjects: With reference to its anti-thrombogenic activities. Jap Heart J 10:289-96, Jul 69  
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, drug therapy/ BLOOD COAGULATION, drug effects/ CHICKENS/ CHONDROITIN, administration & dosage/ \*CHONDROITIN, therapeutic use/ COMPARATIVE STUDY/ \*CORONARY DISEASE, drug therapy/ ELECTROCARDIOGRAPHY/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MONKEYS/ PROTHROMBIN TIME/ RABBITS/ SULFATES, therapeutic use
4521. Nakeff A, Ingram M: Platelet count: volume relationships in four mammalian species. J Appl Physiol 28:530-3, Apr 70  
ANIMAL EXPERIMENTS/ \*BLOOD CELL COUNT/ \*BLOOD PLATELETS/ CENTRIFUGATION/ DOGS/ HUMAN/ METHODS/ MICE/ SILICONES
4522. Nalbandian RM: Skin necrosis induced by coumarin congeners. JAMA 211:1699, 9 Mar 70  
\*COUMARINS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ NECROSIS, chemically induced/ \*SKIN DISEASES, chemically induced/ SKIN DISEASES, drug therapy
4523. Nalbandian RM, Kessler DL, Henry R, et al: Ethanol gelation test. New Eng J Med 281:1428, 18 Dec 69  
\*ALCOHOL, ETHYL/ \*BLOOD COAGULATION DISORDERS, diagnosis/ \*BLOOD COAGULATION TESTS/ FALSE POSITIVE REACTIONS/ HUMAN
4524. Nammacher MA, Willemin M, Hartmann JR, et al: Vitamin K deficiency in infants beyond the neonatal period. J Pediatr 76:549-54, Apr 70  
AGE FACTORS/ ANTIBIOTICS, adverse effects/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD COAGULATION DISORDERS, occurrence/ BLOOD COAGULATION TESTS/ DEFICIENCY DISEASES, occurrence/ FACTOR VII/ FACTOR IX/ FACTOR X/ FEMALE/ HUMAN/ INFANT/ PROTHROMBIN TIME/ VITAMIN K DEFICIENCY, complications/ VITAMIN K DEFICIENCY, drug therapy/ \*VITAMIN K DEFICIENCY, occurrence
4525. Narahashi Y, Fukunaga J: Complete separation of three alkaline proteinases a, b, and c from pronase and some characteristics of alkaline proteinase b. J Biochem (Tokyo) 66:743-5, Nov 69  
AMINO ACIDS, analysis/ CHROMATOGRAPHY/ ENZYME ACTIVATION/ GEL FILTRATION/ MOLECULAR WEIGHT/ NITROGEN, analysis/ \*PEPTIDE HYDROLASES, analysis/ TRYPSIN, analysis
4526. Naroznik K: Odległe wyniki leczenia naczynek krwionośnych skóry mlekłkimi promieniami rentgenowskimi. Przegl Derm 57:225-31, Mar-Apr 70 (Pol)  
CHILD/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ \*HEMANGIOMA, radiotherapy/ HUMAN/ MALE/ RADIOTHERAPY DOSAGE/ \*SKIN NEOPLASMS, radiotherapy
4527. Natelson EA, Lynch EC, Alfrey CP Jr, et al: Heparin-induced thrombocytopenia. An unexpected response to treatment of consumption coagulopathy. Ann Intern Med 71:1121-5, Dec 69  
AGED/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS, drug effects/ CASE REPORT/ FIBRINOGEN, analysis/ \*HEPARIN, adverse effects/ HEPARIN, pharmacodynamics/ MALE/ PROSTATIC NEOPLASMS, complications/ \*THROMBOPENIA, chemically induced
4528. Natelson EA, Lynch EC, Hettig RA, et al: Acquired factor IX deficiency in the nephrotic syndrome. Ann Intern Med 73:373-8, Sep 70  
ADOLESCENCE/ ANTICOAGULANTS, physiology/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ \*CHRISTMAS DISEASE, complications/ CHRISTMAS DISEASE, drug therapy/ CHRISTMAS DISEASE, immunology/ FACTOR IX, urine/ FUROSEMIDE, therapeutic use/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ IMMUNE SERUMS/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ MALE/ \*NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, drug therapy/ PREDNISONE, therapeutic use/ PROTEINURIA, complications/ PROTHROMBIN TIME/ THROMBOPLASTIN, metabolism
4529. Nath K, Koch AL: Protein degradation in Escherichia coli. I. Measurement of rapidly and slowly decaying components. J Biol Chem 245:2889-900, 10 Jun 70  
CARBON ISOTOPES/ CULTURE MEDIA/ \*ESCHERICHIA COLI, metabolism/ FILTRATION/ KINETICS/ LEUCINE, metabolism/ MATHEMATICS/ PEPTIDE HYDROLASES/ PERFUSION/ PERFUSION, instrumentation/ \*PROTEINS, metabolism
4530. Nath RL, Debnath B: Determination of normal values of plasma fibrinogen in human subjects. J Indian Med Ass 54:93-5, 1 Feb 70  
\*FIBRINOGEN, analysis/ HUMAN/ METHODS
4531. Naumann G: Intraoculare Tumoren beim Kinde. Ber Deutsch Ophth Ges 69:179-91, 1969 (147 ref.) (Ger)  
ASCARIASIS, diagnosis/ ASTROCYTOMA, diagnosis/ CHILD/ CHORISTOMA, diagnosis/ CHROMOSOME ABNORMALITIES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EYE DISEASES, diagnosis/ \*EYE NEOPLASMS, diagnosis/ EYE NEOPLASMS, therapy/ GLIOMA, diagnosis/ HAMARTOMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MELANOMA, diagnosis/ NEUROEPITHELIOMA, diagnosis/ NEVUS, pigmented, diagnosis/ OPHTHALMOSCOPY/ RETINA/ RETINA, abnormalities/ RETINAL DETACHMENT, diagnosis/ RETINOBLASTOMA, diagnosis/ RETROLENTAL FIBROPLASIA, diagnosis/ REVIEW/ VITREOUS BODY, abnormalities/ XANTHOMA, JUVENILE, diagnosis
4532. Navia Bueno D, Peñaloza Rojas CA, Correa Sabogal H



## AUTHOR SECTION

Control de roedores en los muelles de Buenaventura, Colombia.

Bol Ofic Sanit Panamer 67:222-32, Sep 69 (Spa)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, poisoning/ COLOMBIA/ DISEASE RESERVOIRS/ DISEASE VECTORS/ ENGLISH ABSTRACT/ POISONS, supply & distribution/ PUBLIC HEALTH/ RATS/ \*RODENT CONTROL/ SHIPS

4533. Nazif M: Local anesthesia for patients with hemophilia. J Dent Child 37:79-84, Jan-Feb 70  
\*ANESTHESIA, DENTAL, adverse effects/  
\*ANESTHESIA, LOCAL, adverse effects/  
CASE REPORT/ CHILD/ FACE/ \*HEMATOMA, chemically induced/ \*HEMOPHILIA/ HUMAN/ MALE

4534. Nechiporenko FP: Izmeneniia v sisteme svertyvaniia krovi v otdalennye sroki posle rezektsii zheludka po povodu lazvennoi bolezni. Klin Khir (Kiev) 11:25-9, Nov 69 (Rus)  
ADULT/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ DUODENAL ULCER, surgery/ FEMALE/ \*GASTRECTOMY/ HUMAN/ MALE/ MIDDLE AGE/ \*PEPTIC ULCER, surgery/ \*POSTOPERATIVE COMPLICATIONS/ STOMACH ULCER, surgery

4535. Needleman SB, Sahgal V, Boshes B: Studies on the biochemical characterization of human ceruloplasmin. Experientia 26:495-6, 15 May 70  
\*CERULOPLASMIN, analysis/ CYTOCHROME OXIDASE, metabolism/ ELECTROPHORESIS, DISK/ GENES, STRUCTURAL/ \*HEPATOLENTICULAR DEGENERATION, etiology/ HEPATOLENTICULAR DEGENERATION, metabolism/ HUMAN/ MITOCHONDRIA, LIVER, metabolism/ OXYGEN CONSUMPTION/ PEPTIDES, analysis/ TRYPSIN

4536. Neef H: Extrakorporale Zirkulation mit Edglucatblut. Thoraxchirurgie 18:128-34, Apr 70 (Ger)  
ACID-BASE EQUILIBRIUM/  
\*ANTICOAGULANTS/ BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ CHLORIDES/ EDTA/ ELECTROLYTES/ ENGLISH ABSTRACT/ \*EXTRACORPOREAL CIRCULATION/ GLUCONATES/ GLUCOSE/ HEART SEPTAL DEFECTS, surgery/ \*HEART SURGERY/ HEMOGLOBINOMETRY/ HEPARIN, administration & dosage/ HUMAN/ MAGNESIUM/ METHODS/ PLASMA SUBSTITUTES, administration & dosage/ PULMONARY VALVE STENOSIS, surgery/ SODIUM

4537. Neer EJ: The reactions of the sulfhydryl groups of human hemoglobin beta 4. J Biol Chem 245:564-9, 10 Feb 70  
ALKYLATION/ CARBON ISOTOPES/ CARBON MONOXIDE/ CHEMISTRY/  
\*ETHYLMALDEIMIDE/ \*HEMOGLOBIN/  
\*HEMOGLOBINS, ABNORMAL/ HUMAN/  
\*IODOACETATES/ KINETICS/ METHODS/ PEPTIDES, isolation & purification/ SULFHYDRYL COMPOUNDS/ THALASSEMIA, blood/ TRYPSIN/ ULTRACENTRIFUGATION

4538. Neet KE, Brydon SE: Sedimentation of chemically modified chymotrypsin. Arch Biochem 136:223-7, Jan 70  
ACETIC ACIDS/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CINNAMATES/ GUANIDINES/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ LYSINE/ METHIONINE/ SERINE/ SULFONIC ACIDS/ TOLUENE/ ULTRACENTRIFUGATION

4539. Negrin J Jr: The hypothermostat. An instrument to obtain local hypothermia of the brain or spinal cord. Int Surg 54:93-106, Aug 70  
ADOLESCENCE/ ADULT/ AGED/ \*BRAIN/ BRAIN NEOPLASMS, surgery/ CEREBRAL ANEURYSM, surgery/ CRANIOPHARYNGIOMA, surgery/ DOGS/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/

\*HYPOTHERMIA, INDUCED, instrumentation/ LAMINECTOMY/ MALE/ METHODS/ PARAPLEGIA, surgery/ PERFUSION/ POSTOPERATIVE CARE/ \*SPINAL CORD/ SPINAL CORD INJURIES, surgery/ SPINAL CORD NEOPLASMS, surgery

4540. Neidhardt JH, Tairraz JP, Guelpa G, et al: Accidents abdominaux des anticoagulants (à propos de deux observations d'hémoépéritoine). Lyon Med 223:810-1, 12 Apr 70 (Fre)  
\*ANTICOAGULANTS, adverse effects/  
BISHYDROXYCOUMARIN, adverse effects/  
FEMALE/ \*HEMOPERITONEUM, chemically induced/ HUMAN/ MALE/ MIDDLE AGE

4541. Neimark II, Freilikh VM: Infuziia lekarstvennykh preparatov vo vnutrenniuliu grudnulu arteriliu pri lechenii ostrogo infarkta miokarda. Khirurgiia (Moskva) 46:37-43, Jan 70 (Rus)  
ACUTE DISEASE/ \*ANESTHETICS, administration & dosage/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, administration & dosage/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ INFUSIONS, PARENTERAL/ \*MYOCARDIAL INFARCT, drug therapy/ \*THORACIC ARTERIES/ \*VASODILATOR AGENTS, administration & dosage

4542. Nelemans FA: Coffeine en anticoagulantia. Nederl T Geneesk 113:1865, 18 Oct 69 (Dut)  
\*ANTICOAGULANTS, therapeutic use/  
\*CAFFEINE, adverse effects/ \*DRUG ANTAGONISM/ HUMAN

4543. Neller K, Brunngraber CV, Wechsler W: Klinik, Pathologie und Differentialdiagnose der Grosshirnangioblastome. Acta Neurochir (Wien) 21:227-52, 1969 (Ger)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANGIOMATOSIS, diagnosis/  
\*ANGIOSARCOMA, diagnosis/  
ANGIOSARCOMA, pathology/ \*BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, pathology/ CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ GANGLIONEUROMA, diagnosis/ HUMAN/ INFANT/ MALE/ MENINGIOMA, diagnosis/ MIDDLE AGE/ OLIGODENDROGLIOMA, complications

4544. Nelsen L, Cross RA, Vogel MA, et al: Synthetic thromboresistant surfaces from sulfonated polyelectrolyte complexes. Surgery 67:826-30, May 70  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ \*BLOOD VESSEL PROSTHESIS/ COMPARATIVE STUDY/ DOGS/ FLUOROCARBON POLYMERS/ HEPARIN/ POLYMERS/ \*POLYSTYRENES/ \*POLYVINYLS/ SILICONES/ STERILIZATION/ \*SULFONIC ACIDS/ \*SURFACE PROPERTIES/ \*THROMBOSIS, prevention & control

4545. Nelson DS: Studies on cytophilic antibodies. A mouse serum "antibody" having an affinity for macrophages and fast alpha-globulin mobility. Aust J Exp Biol Med Sci 48:329-41, Jun 70  
\*ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ \*ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ EDTA, pharmacodynamics/ ERYTHROCYTES, immunology/ FREUND'S ADJUVANT/ HEAT/ HYPERSENSITIVITY, DELAYED/ IMMUNE SERUMS/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ \*MACROPHAGES, immunology/ MICE/ RABBITS/ SERUM ALBUMIN, analysis/ SHEEP/ TRYPSIN, pharmacodynamics

4546. Nelson GH, Strickland JA: Physiochemical responses to heparin in non-pregnant, normal pregnant, and eclamptic patients. J Obstet Gynaec Brit Comm 77:359-64, Apr 70  
ADULT/ \*BLOOD COAGULATION, drug effects/ BLOOD VOLUME/ CONTRACEPTIVES, ORAL/ \*ECLAMPSIA,



# AUTHOR SECTION

- blood/ ESTERASES, blood/ FATTY ACIDS,  
NONESTERIFIED, blood/ FEMALE/  
\*HEPARIN, pharmacodynamics/ HUMAN/  
LIPOPROTEIN LIPASE, blood/  
PHOSPHOLIPASE, blood/ \*PREGNANCY
4547. Nelson NA, Khan MA, Stair GA, et al: Morphological alterations of red cells. An important clue in the diagnosis and treatment of intravascular hemolytic processes. *Mich Med* 69:665-7, Aug 70  
ADULT/ \*ANEMIA, HEMOLYTIC, etiology/  
\*CAPILLARIES/ \*ERYTHROCYTES,  
ABNORMAL/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ \*THROMBOPENIA, etiology/  
\*VASCULAR DISEASES, etiology
4548. Nelson PG: Free fatty acids and cardiac arrhythmias. *Lancet* 1:783, 11 Apr 70  
\*ARRHYTHMIA, etiology/ CLINICAL  
RESEARCH/ \*FATTY ACIDS,  
NONESTERIFIED, blood/ FEMALE/ HEPARIN,  
adverse effects/ HEPARIN, pharmacodynamics/  
HEPARIN, therapeutic use/ HUMAN/ MALE/  
MIDDLE AGE/ MYOCARDIAL INFARCT,  
complications/ MYOCARDIAL INFARCT, drug  
therapy
4549. Nelson RA, Banitt EH, Kvam DC, et al: A new fluoroalkyl cyanoacrylate surgical adhesive. *Arch Surg (Chicago)* 100:295-8, Mar 70  
ABSORPTION/ \*ACRYLIC RESINS/ ACRYLIC  
RESINS, metabolism/ ACRYLIC RESINS,  
toxicity/ ANIMAL EXPERIMENTS/  
COMPARATIVE STUDY/ DOGS/ ELASTICITY/  
\*FLUORINE/ HEMOSTASIS/ INTESTINE,  
SMALL, surgery/ MICE/ RATS/ SPLEEN,  
surgery/ \*TISSUE ADHESIVES/ TISSUE  
ADHESIVES, metabolism/ TISSUE  
ADHESIVES, toxicity
4550. Neme B: "Descolamento prematuro de placenta: coagulopatia e conduta terapêutica". *Matern Infanc (S Paulo)* 28:243-54, Oct-Dec 69 (Por)  
\*ABRUPTIO PLACENTAE, etiology/  
ABRUPTIO PLACENTAE, therapy/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, therapy/  
CESAREAN SECTION/ FEMALE/ HUMAN/  
LAPAROTOMY/ MATERNAL MORTALITY/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC, etiology/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, therapy
4551. Neme HW: Über die Inaktivierung und Radikalbildung an suspendiertem Trypsin nach UV-Bestrahlung. *Biophysik* 6:301-14, 1970 (Ger)  
ELECTRON SPIN RESONANCE/ ENGLISH  
ABSTRACT/ FREE RADICALS/ OXYGEN/  
\*RADIATION EFFECTS/ RADIOCHEMISTRY/  
SUSPENSIONS/ \*TRYPSIN, radiation effects/  
\*ULTRAVIOLET RAYS
4552. Nemerson Y: Control of anticoagulant treatment. *Lancet* 2:1255, 6 Dec 69  
ANTICOAGULANTS, therapeutic use/  
HUMAN/ \*THROMBOPLASTIN
4553. Nenadic CM, Crable JV: Enzymatic digestion of human lung tissue. *Amer Industr Hyg Ass J* 31:81-6, Jan-Feb 70  
\*CHEMISTRY, ANALYTICAL/ COAL, analysis/  
DUST, analysis/ HUMAN/ INDICATORS AND  
REAGENTS/ \*LUNG, analysis/ METHODS/  
MINING/ \*PEPTIDE PEPTIDOHYDROLASES/  
SODIUM HYDROXIDE/ SOLUBILITY
4554. Nepokoichitskii EO: Nekotorye aspekty khirurgicheskogo lecheniya spaечноi bolezni. *Sovet Med* 33:145-7, Mar 70 (Rus)  
ADHESIONS, complications/ \*ADHESIONS,  
surgery/ ADULT/ CASE REPORT/ FEMALE/  
HUMAN/ \*INTESTINAL DISEASES, surgery/  
INTESTINAL OBSTRUCTION, etiology/ MALE
4555. Nepokroeff C, Aronson AI: Cell-free synthesis of ferredoxin in clostridial extracts. *Biochemistry (Wash)* 9:2074-81, 12 May 70  
AMINO ACIDS, metabolism/ CARBON  
ISOTOPES/ CELL-FREE SYSTEM/  
CENTRIFUGATION, DENSITY GRADIENT/  
CHLORAMPHENICOL, pharmacodynamics/  
CHROMATOGRAPHY, ION EXCHANGE/  
CLOSTRIDIUM, cytology/ CLOSTRIDIUM, drug  
effects/ CLOSTRIDIUM, enzymology/  
CLOSTRIDIUM, growth & development/  
\*CLOSTRIDIUM, metabolism/ DEPRESSION,  
CHEMICAL/ ELECTROPHORESIS/  
ESCHERICHIA COLI, enzymology/  
\*FERREDOXINS, biosynthesis/ LIGASES/  
METHODS/ NITROGEN FIXATION/ OSMOSIS/  
\*PEPTIDES, biosynthesis/ PROTOPLASTS/  
RIBONUCLEASE, pharmacodynamics/ RNA,  
BACTERIAL/ RNA, SOLUBLE,  
pharmacodynamics/ TRITUM/ TRYPSIN
4556. Neri Sernerl GG: Aspetti di fisiopatologia dell'emostasi: l'angiofilla tessutale emorragica. *Minerva Med* 60:4959-63, 8 Dec 69 (Ita)  
\*BLOOD COAGULATION DISORDERS,  
etiology/ \*HEMORRHAGE, etiology/  
HEMOSTASIS/ HUMAN/ ISCHEMIA,  
complications/ \*PURPURA, etiology/  
\*VASCULAR DISEASES, complications
4557. Nesbit ME Jr, Lowman JT: Hematopoiesis and serum iron changes following vincristine sulfate. *Blood* 34:633-44, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ BONE  
MARROW/ BONE MARROW EXAMINATION/  
\*ERYTHROPOIESIS, drug effects/  
HEMOGLOBINOMETRY/ INJECTIONS,  
INTRAVENOUS/ \*IRON, blood/ LEUKOCYTE  
COUNT/ RABBITS/ RETICULOCYTES/  
VINCISTINE, administration & dosage/  
\*VINCISTINE, adverse effects
4558. Nesje OA, Kordt KF: Hypoantitrombinemi som årsak til mesenterialvenetrombose. *Nord Med* 83:367-8, 19 Mar 70 (Nor)  
ADULT/ ANTICOAGULANTS, therapeutic use/  
\*ANTITHROMBIN/ ANTITHROMBIN, blood/  
ENGLISH ABSTRACT/ HUMAN/ MALE/  
\*MESENTERIC VEINS/ \*THROMBOPHLEBITIS,  
etiology/ THROMBOSIS, familial & genetic
4559. Nestel PJ: The depletion and restoration of post-heparin lipolytic activity in the human forearm. *Proc Soc Exp Biol Med* 134:896-9, Jul 70  
BLOOD FLOW VELOCITY/ FATTY ACIDS,  
NONESTERIFIED, blood/ \*FOREARM, blood  
supply/ \*HEPARIN, pharmacodynamics/  
HUMAN/ INSULIN, pharmacodynamics/  
\*LIPOPROTEIN LIPASE, blood/ MALE
4560. Nesterenko NI: Dinamika koagulogrammy u pozilykh liudei, sistematičeski zanimajushchikhsia fizkul'turoi. *Klin Med (Moskva)* 47:115-8, Oct 69 (Rus)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, analysis/ ENGLISH  
ABSTRACT/ HUMAN/ MIDDLE AGE/  
\*PHYSICAL EDUCATION AND TRAINING
4561. Nesterenko NI: Vlianie lechebnoi gimnastiki na sistemu svertyvaniia krovi pri ateroskleroze i gipertonicheskoj bolezni. *Vop Kurort Fizioter* 33:322-7, Jul-Aug 68 (Rus)  
AGED/ \*ARTERIOSCLEROSIS, therapy/  
\*BLOOD COAGULATION/ \*EXERCISE  
THERAPY/ HUMAN/ \*HYPERTENSION,  
therapy/ MALE/ MIDDLE AGE
4562. Neudoerffer TS, Smith RR: An evaluation of fungal enzymes for the solubilization of wheat bran constituents. *Canad J Microbiol* 16:139-46, Mar 70  
ANIMAL FEED/ \*CELLULOSE, metabolism/  
CHROMATOGRAPHY, THIN LAYER/  
DIPHENOL OXIDASES, metabolism/ \*FUNGI,  
enzymology/ FUNGI, growth & development/  
GLYCOSIDE HYDROLASES, metabolism/  
\*GLYCOSIDE HYDROLASES, metabolism/  
\*OXIDOREDUCTASES, metabolism/  
OXYGENASES, metabolism/ \*PEPTIDE  
HYDROLASES, metabolism/ \*WHEAT
4563. Neuhoof H, Heckers H, Haas U, et al: Über die Entstehung von Thrombozytenaggregaten in Blutkonserven und die hierdurch bedingten Gefahren bei der Transfusion. *Bibl Haemat* 32:288-91, 1969 (Ger)



## AUTHOR SECTION

- ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANOXIA/ BLOOD CIRCULATION/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, adverse effects/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/ EXCHANGE TRANSFUSION/ GLASS/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ \*LUNG, blood supply/ OXYGEN CONSUMPTION/ PLASMA SUBSTITUTES/ PLATELET ADHESIVENESS/ RABBITS
4564. Neuhof H, Kaufmann G: Kreislaufveränderungen bei thrombozytenarmen Kaninchen nach Endotoxin- und Histaminverabreichung.  
Verh Deutsch Ges Kreislaufforsch 34:218-22, 1968 (Ger)
- ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS, physiology/ \*BLOOD PRESSURE, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ \*CARDIOVASCULAR SYSTEM, physiology/ \*ENDOTOXINS, pharmacodynamics/ EXTRACORPOREAL CIRCULATION/ FEMORAL ARTERY/ HEART VENTRICLE/ \*HISTAMINE, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ PULMONARY CIRCULATION, drug effects/ RABBITS
4565. Neuhoff V, Schill WB, Sternbach H: Micro-analysis of pure deoxyribonucleic acid-dependent ribonucleic acid polymerase from *Escherichia coli*. Action of heparin and rifampicin on structure and function.  
Biochem J 117:623-31, Apr 70
- ADENOSINE TRIPHOSPHATASE, metabolism/ ELECTROPHORESIS, DISK/ *ESCHERICHIA COLI*, drug effects/ \**ESCHERICHIA COLI*, enzymology/ \*HEPARIN, pharmacodynamics/ MICROCHEMISTRY/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ \*RIFOMYCIN, pharmacodynamics/ \*RNA NUCLEOTIDYL-TRANSFERASES, analysis/ RNA NUCLEOTIDYL-TRANSFERASES, antagonists & inhibitors/ SULFUR ISOTOPES/ TRITIUM/ URACIL NUCLEOTIDES, metabolism
4566. Neujahr HY: The effect of proteases on membrane ATPase from two lactic acid bacteria.  
Biochim Biophys Acta 203:261-70, 21 Apr 70
- \*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATE/ BACTERIOLYSIS/ CALCIUM/ CELL MEMBRANE, enzymology/ CHYMOTRYPSIN/ EDTA/ \**LACTOBACILLUS*, enzymology/ MAGNESIUM/ MURAMIDASE/ \*PEPTIDE HYDROLASES/ *STREPTOCOCCUS FAECALIS*/ TRYPSIN
4567. Neumann JG: Ergebnisse der weichstrahltherapie kindlicher haemangiome mit kleinen dosen.  
Cesk Radiol 24:18-22, Jan 70 (Ger)
- AGE FACTORS/ \*HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ METHODS/ RADIOTHERAPY DOSAGE
4568. Neumayr A: Die Funktionsdiagnostik der Leberkrankheiten.  
Wien Med Wschr 119:800-5, 22 Nov 69 (Ger)
- ACUTE DISEASE/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ CHOLINESTERASE, blood/ DIAGNOSIS, DIFFERENTIAL/ GAMMA GLOBULIN, analysis/ HEPATITIS, INFECTION, diagnosis/ HUMAN/ JAUNDICE, diagnosis/ LACTATE DEHYDROGENASE, blood/ \*LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ \*LIVER FUNCTION TESTS/ PROTHROMBIN, analysis/ RADIOISOTOPE SCANNING/ SERUM ALBUMIN, analysis/ SULFOBROMOPHTHALEIN, diagnostic use
4569. Neva FA, Sheagren JN, Shulman NR, et al: Malaria: host-defense mechanisms and complications.  
Ann Intern Med 73:295-306, Aug 70
- ADULT/ ANTIBODIES/ ANTIBODY FORMATION/ ANTIMALARIALS, therapeutic use/ BLOOD PLATELET DISORDERS, complications/ BRAIN DISEASES, complications/ COMPLEMENT/ GAMMA GLOBULIN/ HEMATOLOGIC DISEASES, complications/ HEMORRHAGE, complications/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ MALARIA, complications/ MALARIA, drug therapy/ \*MALARIA, immunology/ MALARIA, occurrence/ MALE/ PLASMODIUM FALCIPARUM, pathogenicity/ PULMONARY EDEMA, complications/ UNITED STATES
4570. Neveu J, Vincens L, Francannet M: Une méthode d'hémostase dans l'adénomectomie prostatique par voie transvésicale. A propos de 450 observations.  
Ann Urol (Paris) 4:33-9, Feb 70 (Fre)
- AGED/ BLADDER/ ENGLISH ABSTRACT/ HEMORRHAGE/ \*HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ \*PROSTATIC HYPERTROPHY, surgery/ \*PROSTATIC NEOPLASMS, surgery
4571. Newhouse ML, Tagg B, Pocock SJ, et al: An epidemiological study of workers producing enzyme washing powders. *Lancet* 1:689-93, 4 Apr 70
- AIR POLLUTION, analysis/ BRONCHITIS, occurrence/ CHRONIC DISEASE/ \*DETERGENTS, adverse effects/ ENVIRONMENTAL EXPOSURE/ HUMAN/ MALE/ \*OCCUPATIONAL DISEASES, occurrence/ \*PEPTIDE HYDROLASES, adverse effects/ \*RESPIRATORY HYPERSENSITIVITY, occurrence/ RESPIRATORY HYPERSENSITIVITY, radiography/ SKIN TESTS/ SPIROMETRY
4572. Newkirk JD, Hulcher FH: Isolation and properties of a fluorescent pigment from *Pseudomonas mildenbergii*.  
Arch Biochem 134:395-400, Nov 69
- \*BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, isolation & purification/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ FLUOROMETRY/ GEL FILTRATION/ GLUTAMATES, analysis/ HYDROGEN-ION CONCENTRATION/ LYSINE, analysis/ NITROBENZENES/ \*PIGMENTS, analysis/ PIGMENTS, isolation & purification/ \*PSEUDOMONAS, analysis/ SERINE, analysis/ SPECTRUM ANALYSIS/ THIOCYANATES/ THREONINE, analysis/ TRYPSIN
4573. Ng KK, Vane JR: Some properties of angiotensin converting enzyme in the lung in vivo.  
Nature (London) 225:1142-4, 21 Mar 70
- ANGIOTENSIN, antagonists & inhibitors/ \*ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BRADYKININ/ COLON, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ IN VITRO/ \*LUNG, enzymology/ MALE/ MUSCLE, SMOOTH, physiology/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS
4574. Nlaussat P, Auger C, Mallet L: Apparition relative de quantités d'hydrocarbures cancérigènes dans des cultures pures de *Bacillus badius*, en fonction de la présence, dans le milieu, de certains composés chimiques.  
C R Acad Sci [D] (Paris) 270:1042-5, 16 Feb 70 (Fre)
- ACETATES, metabolism/ \*ANTHRACENES, biosynthesis/ \*BACILLUS, metabolism/ \*BENZOPYRENES, biosynthesis/ CAROTENE, metabolism/ CAROTENOIDS, metabolism/ CULTURE MEDIA/ NAPHTHALENEACETIC ACIDS, metabolism/ VITAMIN K, metabolism
4575. Niazi SP: The use of chymotrypsin as an adjuvant therapy in the treatment of tubercular pleural effusion. *Brit J Clin Pract* 23:507-9, 12 Dec 69
- ADOLESCENCE/ ADULT/ AGED/ CHILD/ \*CHYMOTRYPSIN, administration & dosage/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MALE/ MIDDLE AGE/ \*PLEURAL EFFUSION, drug therapy/ \*TUBERCULOSIS, PLEURAL, drug therapy
4576. Nicholls MG, Heale WF: Phenindione sensitivity and acute renal failure. *New Zeal Med J* 71:214-6, Apr 70



# AUTHOR SECTION

- ALBUMINURIA, chemically induced/ CASE REPORT/ \*DRUG HYPERSENSITIVITY/ HEMODIALYSIS/ HUMAN/ \*KIDNEY FAILURE, ACUTE, chemically induced/ \*KIDNEY PAPILLARY NECROSIS, chemically induced/ KIDNEY TUBULES, drug effects/ MALE/ MIDDLE AGE/ \*PHENINDIONE, adverse effects/ PREDNISOLONE, therapeutic use/ THROMBOPHLEBITIS, drug therapy
4577. Nicholls RJ, Davies P, Kenwright MG: Thrombocytopenic purpura after blood transfusion. *Brit Med J* 1:581-2, 6 Jun 70  
AGED/ ANTIBODY FORMATION/ \*BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ FEMALE/ HUMAN/ ISOANTIBODIES/ \*LIPOSARCOMA, therapy/ PARITY/ \*PURPURA, THROMBOPENIC, etiology/ \*RETROPERITONEAL NEOPLASMS, therapy
4578. Nicolle FV: A silastic tendon prosthesis as an adjunct to flexor tendon grafting: an experimental and clinical evaluation. *Brit J Plast Surg* 22:224-36, Jul 69  
ADHESIONS, complications/ ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ CHICKENS/ CHILD/ FEMALE/ FINGER INJURIES, surgery/ HUMAN/ MALE/ MIDDLE AGE/ \*PROSTHESIS/ \*SILICONES/ SUTURES/ TENDON INJURY/ \*TENDONS/ \*TENDONS, transplantation/ TRANSPLANTATION, AUTOLOGOUS
4579. Nielsen NC: Coagulation and fibrinolysis in normal women immediately post partum and in newborn infants. Influence of prophylactic vitamin K. *Acta Obstet Gynec Scand* 48:371-91, 1969  
ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION FACTORS, analysis/ \*BLOOD PLATELETS/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FEMALE/ FIBRINOGEN/ \*FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HEMATOCRIT/ HUMAN/ \*INFANT, NEWBORN/ PREGNANCY/ PROTHROMBIN/ THROMBOPLASTIN/ UMBILICAL CORD/ \*VITAMIN K, pharmacodynamics
4580. Nielsen NC: Coagulation and fibrinolysis in women delivered by elective caesarean section and in their newborn infants. *Acta Obstet Gynec Scand* 48:405-15, 1969  
\*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS, analysis/ \*BLOOD PLATELETS, analysis/ \*CESAREAN SECTION/ DELIVERY/ FEMALE/ FIBRINOGEN/ \*FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ \*INFANT, NEWBORN/ PREGNANCY/ PROTHROMBIN TIME/ THROMBIN/ THROMBOPLASTIN/ UMBILICAL CORD
4581. Nielsen NC: Coagulation and fibrinolysis in diabetic women immediately post partum and in their newborn infants. Influence of caesarean section. *Acta Obstet Gynec Scand* 48:392-404, 1969  
\*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, analysis/ \*CESAREAN SECTION/ DELIVERY/ FEMALE/ FIBRIN/ FIBRINOGEN/ \*FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ \*INFANT, NEWBORN/ PLASMINOGEN/ PREGNANCY/ \*PREGNANCY IN DIABETES/ PROTHROMBIN/ PROTHROMBIN TIME/ THROMBIN/ THROMBOPLASTIN/ UMBILICAL CORD
4582. Nielsen NC: Coagulation and fibrinolysis in prematurely delivered mothers and their premature infants. *Acta Obstet Gynec Scand* 48:505-22, 1969  
ABRUPTIO PLACENTAE, complications/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ FEMALE/ \*FIBRINOLYSIS/ GESTATIONAL AGE/ HEMATOCRIT/ HUMAN/ INFANT, NEWBORN/ \*INFANT, PREMATURE/ \*LABOR, PREMATURE/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ RH FACTORS/ THROMBOPLASTIN, metabolism
4583. Nielsen NC: Influence of pre-eclampsia upon coagulation and fibrinolysis in women and their newborn infants immediately after delivery. *Acta Obstet Gynec Scand* 48:523-41, 1969  
\*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ DELIVERY/ FEMALE/ \*FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ INFANT, NEWBORN/ \*INFANT, PREMATURE/ PREGNANCY/ \*PREGNANCY TOXEMIAS, blood/ THROMBOPLASTIN, metabolism
4584. Nielubowicz J, Kassur B: Pozaustrojowa perfuzja obcogatunkowej watroby u czlowieka. *Pol Arch Med Wewnet* 44:565-8, Jun 70 (Pol)  
ACID-BASE EQUILIBRIUM/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD TRANSFUSION/ CATTLE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*LIVER, blood supply/ METHODS/ MONKEYS/ PARTIAL PRESSURE/ \*PERFUSION/ PROGNOSIS/ SPECIES SPECIFICITY/ SWINE
4585. Niewiarowski S: New tests for the diagnosis of consumption coagulopathy. *Thromb Diath Haemorrh* 36:Suppl 36:277-9, 1969  
\*BLOOD COAGULATION DISORDERS, diagnosis/ DENSITOMETRY/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS, metabolism/ FIBRINOLYSIS/ HUMAN/ METHODS/ PROTAMINES, pharmacodynamics/ THROMBIN, metabolism
4586. Niewiarowski S, Poplawski A, Prokopowicz J, et al: Abnormalities of platelet function and ultrastructure in macrothrombocytic thrombopathia. *Scand J Haemat* 6:377-85, 1969  
ADENINE NUCLEOTIDES, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, physiopathology/ \*BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ ERYTHROCYTES, analysis/ FEMALE/ GLYCOGEN, metabolism/ HUMAN/ KREBS CYCLE/ LIPOPROTEINS, analysis/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics/ THROMBOPENIA, etiology/ THROMBOPLASTIN, analysis
4587. Nigmatullina RT, Pilkh MB, Goncharov AI: Izmeneniia v svertyvalushchei i antisyvetyvalushchei sisteme krove pri vyklucheni pecheni iz krovoobrashchenia i gompodsakde. *Probl Gemat* 14:57-9, Nov 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ \*LIVER, blood supply/ \*LIVER, transplantation/ METHODS/ TRANSPLANTATION, HOMOLOGOUS
4588. Nigri A, Costa BC da, Scriabine A, et al: oxicity of diphenylhyntoin in dogs with experimental myocardial infarction. *Cardiologia (Basel)* 53:150-7, 1968  
ANIMAL EXPERIMENTS/ ARRHYTHMIA, drug therapy/ BLOOD PRESSURE, drug effects/ CORONARY VESSELS/ DEPRESSION, CHEMICAL/ DIPHENYLHYDANTOIN, adverse effects/ \*DIPHENYLHYDANTOIN, toxicity/ DOGS/ FEMALE/ HEART, drug effects/ HEART RATE, drug effects/ HEMOSTASIS/ INFUSIONS, PARENTERAL/ MALE/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, physiopathology/ STRESS, physiopathology
4589. Nilitani H, Inagaki J, Taniguchi T, et al: [Effect of combined therapy with lysosome labilizer and antineoplastic agents with reference to increased effect of mitomycin C by lipoprotein lipase] *Salishin Igaku* 25:172-6, 10 Jan 70 (Jap)  
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DEXTRAN, administration & dosage/ \*DRUG SYNERGISM/ FIBRINOLYSIS, therapeutic use/ HUMAN/ \*LIPOPROTEIN LIPASE, administration & dosage/ LYSOSOMES, drug effects/ \*LYSOSOMES,



## AUTHOR SECTION

- drug effects/ \*MITOMYCIN, administration & dosage/ \*NEOPLASMS, drug therapy/ SARCOMA, YOSHIDA, drug therapy/ SULFATES, therapeutic use
4590. Nikaido H, Boggs J, Swenson O: Liver tumors in infants and children. Clinical and pathological analysis of 22 cases. Arch Surg (Chicago) 101:245-57, Aug 70  
ADOLESCENCE/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HEPATECTOMY/ HEPATOMA, pathology/ \*HEPATOMA, surgery/ HUMAN/ INFANT/ LIVER, pathology/ \*LIVER, surgery/ LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, radiography/ \*LIVER NEOPLASMS, surgery/ LUNG NEOPLASMS, pathology/ MALE/ NEOPLASM METASTASIS/ PNEUMONECTOMY/ RADIOISOTOPE SCANNING/ THROMBOPENIA, etiology
4591. Nikiforova OA: Morfologicheskie osobennosti trombotsitov pri ostrom leikozе. Probl Gemat 14:33-4, Jul 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD PLATELETS, cytology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*LEUKEMIA, blood/ MALE/ MIDDLE AGE
4592. Nikiforova OA: K voprosu o morfologicheskoi otsenke trombopoeticheskogo apparata pri bolezni verlgofa. Probl Gemat 13:32-9, Apr 68 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD PLATELETS, cytology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ \*MEGAKARYOCYTES, cytology/ MIDDLE AGE/ \*PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, diagnosis
4593. Nikitin IuP: Tkanevye faktory svertyvalushchei i fibrinoliticheskoi sistemy v stenke krovenosnykh sosudov. Pat Fiziol Eksp Ter 13:81-7, Jul-Aug 69 (155 ref.) (Rus)  
ANTICOAGULANTS/ AORTA/ ARTERIES/ \*BLOOD COAGULATION FACTORS/ \*BLOOD VESSELS/ \*FIBRINOLYSIS/ HUMAN/ REVIEW/ THROMBOCYTOSIS/ THROMBOPLASTIN/ VEINS
4594. Nikitin IuP, Baskakova IuI: Osobennosti sostoiianiia fibrinoliticheskoi sistemy krovi u bol'nykh aterosklerozom. Ter Arkh 41:20-3, Jun 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*ARTERIOSCLEROSIS, blood/ ENGLISH ABSTRACT/ \*FIBRINOGEN, blood/ \*FIBRINOLYSIS/ HUMAN/ MIDDLE AGE
4595. Nikitin IuP, Ledeneva OA: Issledovanie fibrinoliticheskikh svoistv seroznykh obolochek cheloveka metodom fibrinoliznoi mikroautografi. Dokl Akad Nauk SSSR 191:1397-9, 21 Apr 70 (Rus)  
\*BLOOD COAGULATION FACTORS, analysis/ \*FIBRINOLYSIS/ \*HISTOLOGICAL TECHNIQS/ HUMAN/ METHODS/ \*PLASMINOGEN/ \*SEROUS MEMBRANE, analysis
4596. Nikitin IuP, Mel'nikov VS: Adgeziivnye svoistva trombotsitov u bol'nykh aterosklerozom. Kardiologiya 10:108-10, May 70 (Rus)  
ADULT/ ANGINA PECTORIS, blood/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ \*CORONARY DISEASE, blood/ HEPARIN, pharmacodynamics/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ NIALAMIDE, pharmacodynamics/ PLATELET ADHESIVENESS/ VITAMIN B 12, pharmacodynamics
4597. Nikitin YP: The coagulation activity of the aortic wall in atherosclerosis. Cor Vasa 11:198-206, 1969  
ANIMAL EXPERIMENTS/ \*AORTA/ ARTERIOSCLEROSIS/ \*ARTERIOSCLEROSIS, physiopathology/ \*BLOOD COAGULATION/ CHOLESTEROL/ DIET, ATHEROGENIC/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ HEPARIN, blood/ HUMAN/ RABBITS/ THROMBOPLASTIN, analysis
4598. Nikitina KA, Rabotnova IL: Izuchenie svetovoi i temnovoi stadii fotoindutsirovannogo sinteza karotinoidov Mycobacterium flavum var. methanicum. Mikrobiologiya 38:389-96, May-Jun 69 (Rus)  
ANTIBIOTICS, pharmacodynamics/ AZIDES, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ \*CAROTENOIDS, biosynthesis/ CYANIDES, pharmacodynamics/ DARKNESS/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ IODOACETATES, pharmacodynamics/ LIGHT/ \*MYCOBACTERIUM, metabolism/ OXYGEN, metabolism/ \*PHOTOSYNTHESIS/ TEMPERATURE
4599. Nikolaev VA: Ob effektivnosti kompleksnogo lechenia ostrogo pankreatita. Klin Med (Moskva) 47:52-5, Apr 69 (Rus)  
ACUTE DISEASE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ BLOOD TRANSFUSION/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ \*PANCREATITIS, drug therapy/ PARASYMPATHOMIMETICS, therapeutic use
4600. Nikulin A, Rezaković D, Plamenac P, et al: Promjene u krvi i globalnoj hemostazi u periodu oporavka nakon akutnog histaminskog šoka. Acta Med Jugosl 23:31-41, 1969 (Cro)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ FEMALE/ \*HEMOSTASIS/ \*HISTAMINE LIBERATION/ MALE/ \*POLYMYXIN/ RABBITS/ SHOCK, blood/ \*SHOCK, chemically induced
4601. Nilsson A, Fänge R: Digestive proteases in the cyclostome Myxine glutinosa (L.). Comp Biochem Physiol 32:237-50, 15 Jan 70  
ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ CYCLOSTOMES/ DIGESTION/ DIPEPTIDASES, metabolism/ HEMOGLOBIN/ HISTOCYTOCHEMISTRY/ HYDROGEN-ION CONCENTRATION/ INTESTINAL MUCOSA, cytology/ \*INTESTINAL MUCOSA, enzymology/ LEUCINE AMINOPEPTIDASE, metabolism/ \*PEPTIDE HYDROLASES, metabolism/ PROTEIN DENATURATION/ SECRETIN, metabolism/ SOY BEANS/ TRYPSIN, metabolism/ TRYPSIN INHIBITORS
4602. Nilsson IM, Blombäck M, Ahlberg A: Our experience in Sweden with prophylaxis on haemophilia. Bibl Haemat 34:111-24, 1970  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ FACTOR VIII, isolation & purification/ FACTOR VIII, metabolism/ FACTOR VIII, therapeutic use/ HEMOPHILIA, complications/ \*HEMOPHILIA, prevention & control/ HEMORRHAGE, prevention & control/ HUMAN/ JOINT DISEASES, etiology/ MALE/ SWEDEN
4603. Nilsson IM, Kullander S, Astedt B: Coagulation and fibrinolytic studies during continuous use of low dose gestagen. Acta Endocr (Kobenhavn) 65:111-6, Sep 70  
ADOLESCENCE/ ADULT/ BIOPSY/ \*BLOOD COAGULATION, drug effects/ \*CHLORMADINONE, pharmacodynamics/ FEMALE/ \*FIBRINOLYSIS, drug effects/ HUMAN/ VEINS, analysis
4604. Nilsson IM, Ockerman PA: The bleeding disorder in hepatomegalic forms of glycogen storage disease. Acta Paediat Scand 59:127-33, Mar 70  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, complications/ CHILD/ FEMALE/ FIBRINOGEN, analysis/ \*GLYCOGENOSIS, complications/



## AUTHOR SECTION

- HEMORRHAGIC DIATHESIS, etiology/  
HUMAN/ INFANT/ MALE/ PROTHROMBIN,  
analysis
4605. Ninomiyak, Ushiyama K: [Intra- and postoperative management of consumption coagulopathy]  
Jap J Clin Path 17:838-42, Nov 69 (Jap)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS,  
prevention & control/ BLOOD COAGULATION  
DISORDERS, therapy/ FEMALE/ \*HEART  
SURGERY/ HEPARIN/ HUMAN/ MALE/  
POSTOPERATIVE CARE
4606. Nisalak A, Halstead SB, Singharaj P, et al:  
Observations related to pathogenesis of dengue  
hemorrhagic fever. 3. Virologic studies of fatal  
disease. Yale J Biol Med 42:293-310, Apr 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AUTOPSY/ CHILD/ CHILD, PRESCHOOL/  
COMPLEMENT FIXATION TESTS/ DENGUE,  
etiology/ \*DENGUE, microbiology/ \*DENGUE,  
mortality/ DENGUE, occurrence/ \*DENGUE  
VIRUS, isolation & purification/ ETHNIC  
GROUPS/ FEMALE/ HEMAGGLUTINATION  
INHIBITION TESTS/ HEMORRHAGIC  
DIATHESIS, mortality/ HUMAN/ INFANT/  
KIDNEY/ MALE/ MIDDLE AGE/  
NEUTRALIZATION TESTS/ SEX FACTORS/  
THAILAND/ TISSUE CULTURE
4607. Nishi S, Kojima S, Tanaka Y, et al: [Treatment of the  
donor site of the skin by fibrin membrane]  
Orthop Surg (Tokyo) 21:638-42, Aug 70 (Jap)  
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/  
FIBRIN FILM AND FOAM/ \*HEMOSTATICS/  
HUMAN/ MALE/ METHODS/ MIDDLE AGE/  
\*SKIN, transplantation/ TRANSPLANTATION,  
AUTOLOGOUS
4608. Nishibayashi-Yamashita H, Sato R: Vitamin  
K3-dependent NADPH oxidase of liver microsomes.  
Purification, properties, and identity with  
microsomal NADPH-cytochrome c reductase.  
J Biochem (Tokyo) 67:199-210, Feb 70  
ANIMAL EXPERIMENTS/ CYTOCHROMES/  
ELECTROPHORESIS/ FAD, analysis/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ \*MICROSOMES, LIVER, enzymology/  
MOLECULAR WEIGHT/ \*NADP/  
NAPHTHOQUINONES, pharmacodynamics/  
\*OXIDOREDUCTASES, isolation & purification/  
RABBITS/ SPECTROPHOTOMETRY/  
ULTRACENTRIFUGATION/ \*VITAMIN K,  
pharmacodynamics
4609. Nishihara T, Nozu Y, Okada Y: Amino acid sequence of  
the coat protein of the RNA phage ZR.  
J Biochem (Tokyo) 67:403-13, Mar 70  
\*AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ \*BACTERIOPHAGE, analysis/  
CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN/ DEXTRAN/ ION  
EXCHANGE RESINS/ PEPSIN,  
pharmacodynamics/ PEPTIDES, analysis/ \*RNA  
VIRUSES, analysis/ TRYPSIN,  
pharmacodynamics/ \*VIRAL PROTEINS,  
analysis
4610. Nishihira K: [Phosphorus, lipid and fatty acid  
constituents of the erythrocyte in children. 2.  
Phosphorus, lipid and fatty acid constituents of the  
erythrocyte in children with hematologic diseases and  
after administration of adrenocortical steroids]  
Acta Paediat Jap 73:919-24, 1 Jul 69 (Jap)  
ADOLESCENCE/ ANEMIA, HYPOCHROMIC,  
blood/ ARACHIDONIC ACID, blood/ CHILD/  
CHILD, PRESCHOOL/ ERYTHROBLASTOSIS,  
FETAL, blood/ \*ERYTHROCYTES, analysis/  
\*FATTY ACIDS, blood/ FEMALE/  
\*GLUCOCORTICOID, pharmacodynamics/  
\*HEMATOLOGIC DISEASES, blood/  
HEMORRHAGIC DISEASE OF NEWBORN,  
blood/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ LEUKEMIA, blood/ LINOLEIC  
ACID, blood/ \*LIPIDS, blood/ MALE/ OLEIC  
ACID, blood/ PALMITIC ACID, blood/  
\*PHOSPHORUS, blood/ STEARIC ACID, blood
4611. Nishimura A, Giron F, Birtwell WC, et al: Evaluation of  
collateral blood supply by direct measurement of the  
performance of ischemic myocardial muscle.  
Trans Amer Soc Artif Intern Organs 16:450-4, 1970  
ANIMAL EXPERIMENTS/ \*ASSISTED  
CIRCULATION/ \*COLLATERAL  
CIRCULATION/ \*CORONARY DISEASE,  
physiopathology/ CORONARY VESSELS/  
DOGS/ \*HEART, physiopathology/  
HEMODYNAMICS/ HEMOSTASIS/ MUSCLE  
CONTRACTION/ TIME FACTORS
4612. Nishimura N, Mori Y, Fujii S: [Blood viscosity during  
anesthesia] Jap J Anesth 19:431-5, Apr 70 (Jap)  
\*ANESTHESIA/ \*BLOOD VISCOSITY/ BLOOD  
VISCOSITY, drug effects/ ENGLISH  
ABSTRACT/ HEMATOCRIT/ INFUSIONS,  
PARENTERAL
4613. Nishioka K: [Fundamental problems in immunological  
research of cancer; with special reference to  
complement]  
Protein (Tokyo) 15:430-9, Apr 70 (55 ref.) (Jap)  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ ANTIBODY FORMATION/  
ANTIGEN-ANTIBODY COMPLEX/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS, analysis/ \*COMPLEMENT/  
COMPLEMENT FIXATION TESTS/  
HEMAGGLUTINATION TESTS/ HUMAN/  
\*NEOPLASMS, immunology/ REVIEW/  
TRYPSIN
4614. Nissen NI, Dano K: Nye behandlingsprincipper ved  
akut leukæmi.  
Ugeskr Laeg 132:821-30, 30 Apr 70 (69 ref.) (Dan)  
ADOLESCENCE/ ADULT/ \*ANTINEOPLASTIC  
AGENTS, administration & dosage/ CENTRAL  
NERVOUS SYSTEM DISEASES, drug therapy/  
CHILD/ CYCLOPHOSPHAMIDE, therapeutic  
use/ CYTARABINE, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/  
GUANIDINES, therapeutic use/ HUMAN/  
HYDROXYUREA, therapeutic use/  
\*LEUKEMIA, LYMPHOBLASTIC, drug therapy/  
\*LEUKEMIA, MYELOBLASTIC, drug therapy/  
LEUKOPENIA, drug therapy/ MALE/  
MERCAPTOPYRINE, therapeutic use/  
METHOTREXATE, therapeutic use/ MIDDLE  
AGE/ NITROSO COMPOUNDS,  
therapeutic use/ PREDNISONE, therapeutic  
use/ REVIEW/ THROMBOPENIA, drug  
therapy/ UREA, therapeutic use/ URIC ACID,  
blood/ VINCRISTINE, therapeutic use
4615. Nitta H, Sugie I, Ikai M, et al: Separation of  
SK-plasminogen-complex in sera and euglobulin  
solution of cat and monkey by gel filtration using  
sephadex G-200. Nagoya Med J 15:93-102, Jul 69  
ANIMAL EXPERIMENTS/ CATS/ CATTLE/  
CENTRIFUGATION/ FIBRINOGEN/  
FIBRINOLYSIS/ GEL FILTRATION/ HUMAN/  
\*IMMUNE SERUMS/ MONKEYS/  
\*PLASMINOGEN/ PROTEINS, analysis/  
\*SERUM GLOBULINS/ \*STREPTOKINASE/  
TIME FACTORS
4616. Nityanand S, Kapoor NK: Effect of glycogen with  
adrenaline on experimental atherosclerosis.  
Indian J Exp Biol 7:140-2, Jul 69  
ANIMAL EXPERIMENTS/ CHOLESTEROL,  
blood/ DIET, ATHEROGENIC/ \*EPINEPHRINE,  
pharmacodynamics/ \*GLYCOGEN,  
pharmacodynamics/ \*HYPERCHOLESTEREMIA,  
pathology/ MALE/ PHOSPHOLIPIDS, blood/  
RABBITS
4617. Nitzsche P, Schneck P: Zur Klinik des spontanen  
Vulvohämatom. Zbl Gynaek 92:585-8, 9 May 70 (Ger)  
FEMALE/ \*HEMATOMA, etiology/  
HEMATOMA, therapy/ HUMAN/ \*LABOR  
COMPLICATIONS/ PREGNANCY/  
PREGNANCY, PROLONGED/ PREGNANCY  
TOXEMIAS, complications/ PUERPERAL  
DISORDERS, etiology/ \*VULVA
4618. Noda Y, Yanagimoto Y, Nakahama S: Liver circulation  
and function. Observation of enzymatic activity in  
ligated rat liver lobes.  
Ann Histochim 14:225-30, Jul-Sep 69



## AUTHOR SECTION

- ACID PHOSPHATASE, metabolism/  
ALKALINE PHOSPHATASE, metabolism/  
ANIMAL EXPERIMENTS/ BLOOD  
CIRCULATION/ DIET/  
GLUCOSYLTRANSFERASES, metabolism/  
LIVER, blood supply/ \*LIVER, enzymology/  
PEPTIDE HYDROLASES, metabolism/ RATS
4619. Nomura J: [Studies on the fibrinolytic activity in urine]  
Acta Haemat Jap 31:1040-57, Nov 68 (Jap)  
ADULT/ ANEMIA, urine/ ANIMAL  
EXPERIMENTS/ BIOPSY/ CEREBRAL  
EMBOLISM AND THROMBOSIS, urine/  
ENGLISH ABSTRACT/ ENZYME  
ACTIVATION/ EXOPHTHALMOS, urine/  
FEMALE/ \*FIBRINOLYSIS/ HEPATITIS,  
urine/ HUMAN/ KIDNEY, analysis/ LIVER,  
analysis/ MALE/ NEPHRITIS, urine/  
NEPHROTIC SYNDROME, urine/  
PLASMINOGEN/ PYELONEPHRITIS, urine/  
RABBITS/ \*URINE
4620. Norberg B: Cytoplasmic microtubules and  
radial-segmented nuclei (Rieder cells). Effects of  
vinblastine, sulfhydryl reagents, heparin and  
caffeine. Scand J Haemat 6:312-8, 1969  
\*CAFFEINE, pharmacodynamics/ \*CELL  
NUCLEUS, drug effects/ \*HEPARIN,  
pharmacodynamics/ HUMAN/ INDICATORS  
AND REAGENTS/ \*LYMPHOCYTES, cytology/  
LYMPHOCYTES, drug effects/ MICROSCOPY,  
PHASE CONTRAST/ MITOSIS, drug effects/  
\*MONOCYTES, cytology/ MONOCYTES, drug  
effects/ STREPTOKINASE, pharmacodynamics/  
\*SULFHYDRYL COMPOUNDS,  
pharmacodynamics/ \*VINBLASTINE,  
pharmacodynamics
4621. Norberg B: Neutrophil segmentation and radial  
segmentation. Effects of cooling and demecolcine on  
the lobulation on neutrophil nuclei.  
Scand J Haemat 6:274-9, 1969  
CELL NUCLEUS/ \*COLCHICINE,  
pharmacodynamics/ \*COLD/ HEPARIN/  
HUMAN/ NEUTROPHILS, drug effects/  
\*NEUTROPHILS, physiology
4622. Nord CE: Properties of purified hyaluronidases from  
cultured dental plaque material.  
Svensk Tandlak T 63:193-203, Mar 70  
CHONDROITIN, metabolism/ \*DENTAL  
PLAQUE, enzymology/ DRUG STABILITY/  
HEPARIN, metabolism/ HUMAN/  
\*HYALURONIDASE/ HYALURONIDASE,  
metabolism/ HYDROGEN-ION  
CONCENTRATION/ MOLECULAR WEIGHT/  
TEMPERATURE/ TISSUE CULTURE
4623. Nord CE, Kjellman O, Söder PO: Proteolytic activity of  
dental plaque material from patients with diabetes  
mellitus. Svensk Tandlak T 62:795-9, Dec 69  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
CHILD/ \*DENTAL PLAQUE, enzymology/  
\*DIABETES MELLITUS, enzymology/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
PEPTIDE HYDROLASES, analysis
4624. Nordén A, Stigmar G: Measurement of dark adaptation  
in vitamin A deficiency by a new quantitative  
technique. Acta Ophthal (Kobenhavn) 47:716-22, 1969  
ABSORPTION/ \*ADAPTATION, OCULAR/  
ADULT/ BILE, physiopathology/ DARK  
ADAPTATION/ FEMALE/ HUMAN/  
INJECTIONS, INTRAMUSCULAR/  
MALABSORPTION SYNDROMES/ VITAMIN A,  
administration & dosage/ VITAMIN A,  
metabolism/ \*VITAMIN A DEFICIENCY,  
complications/ VITAMIN A DEFICIENCY,  
drug therapy/ VITAMIN E DEFICIENCY/  
VITAMIN K DEFICIENCY
4625. Nordlund JJ, Wolff SM, Levy HB: Inhibition of biologic  
activity of poly I: poly C by human plasma.  
Proc Soc Exp Biol Med 133:439-44, Feb 70  
CITRATES/ \*CYTOSINE NUCLEOTIDES,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
FEVER, chemically induced/ GLUCOSE/  
HEPARIN/ HUMAN/ INTERFERON,  
biosynthesis/ MONOCYTES, drug effects/  
NEOMYCIN, pharmacodynamics
- NEUTROPHILS, drug effects/ \*PLASMA/  
\*POLYNUCLEOTIDES, pharmacodynamics/  
\*PYROGENS, antagonists & inhibitors/  
RABBITS/ RIBONUCLEASE
4626. Nordmann J: Le diagnostic clinique des néoplasmes de  
la choroïde.  
Arch Ophtal (Paris) 28:815-20, Dec 68 (Fre)  
ADULT/ BREAST NEOPLASMS, complications/  
\*CHOROID NEOPLASMS, diagnosis/ CHOROID  
NEOPLASMS, etiology/ CHOROIDITIS,  
complications/ DIATHERMY/  
EXOPHTHALMOS, diagnosis/ EYE  
NEOPLASMS, diagnosis/ FEMALE/  
\*HEMANGIOMA, diagnosis/ HUMAN/ MALE/  
\*MELANOMA, diagnosis/ NEOPLASM  
METASTASIS/ OPHTHALMOSCOPY/ RETINAL  
DETACHMENT, diagnosis/ RETINAL  
HEMORRHAGE, diagnosis/ \*SARCOMA,  
diagnosis/ UVEA
4627. Nordöy A, Day HJ, Lund S: Subcellular localization of  
human platelet phospholipids and their fatty acid and  
aldehyde composition.  
Scand J Clin Lab Invest 23:169-74, Apr 69  
ALDEHYDES, blood/ \*BLOOD PLATELETS,  
analysis/ \*BLOOD PROTEINS, analysis/  
CHOLINE/ FATS, UNSATURATED, blood/  
FATTY ACIDS, blood/ HUMAN/ LIPIDS,  
blood/ PHOSPHOLIPIDS, analysis/  
\*PHOSPHOLIPIDS, blood/  
ULTRACENTRIFUGATION
4628. Nordström C, Dahlqvist A: The cellular localization of  
enterokinase.  
Biochim Biophys Acta 198:621-2, 18 Mar 70  
ANIMAL EXPERIMENTS/ DUODENUM,  
enzymology/ HISTOCYTOCHEMISTRY/  
INTESTINAL MUCOSA, cytology/  
\*INTESTINAL MUCOSA, enzymology/  
\*PEPTIDE PEPTIDOHYDROLASES, analysis/  
RATS/ TRYPSIN, analysis
4629. Nordström S: Inhibition of thromboplastin-induced  
intravascular coagulation by heparin and Trasylol.  
Acta Physiol Scand 79:390-404, Jul 70  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD COAGULATION, drug  
effects/ DOGS/ FIBRINOGEN, analysis/  
\*HEPARIN, pharmacodynamics/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ \*THROMBOPLASTIN,  
antagonists & inhibitors
4630. Nordström S: Effects of fibrinolytic inhibitors and  
heparin on induced intravascular coagulation.  
Acta Physiol Scand Suppl 337:1+, 1970  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/  
\*BLOOD COAGULATION, drug effects/ DOGS/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS, drug  
effects/ \*HEPARIN, pharmacodynamics/ IN  
VITRO/ IODINE ISOTOPES/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ SNAKES/ THROMBIN/  
THROMBOPLASTIN/ \*VENOMS,  
pharmacodynamics
4631. Nordström S, Olsson P, Teger-Nilsson AC, et al: A  
procoagulant from human postpartum serum. Effects  
of coagulation and hemodynamics in dogs.  
Acta Physiol Scand 76:399-405, Aug 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ \*BLOOD  
COAGULATION FACTORS, pharmacodynamics/  
BLOOD PLATELETS, drug effects/ BLOOD  
PRESSURE, drug effects/ DOGS/ FEMORAL  
ARTERY/ FIBRINOGEN, blood/  
\*HEMODYNAMICS, drug effects/ HUMAN/  
IODINE ISOTOPES/ PREGNANCY/  
PROTHROMBIN, blood/ \*PUERPERIUM/  
REGIONAL BLOOD FLOW, drug effects
4632. Nordström S, Zetterqvist E: Effects of epsilon  
aminocaproic acid (EACA) and Trasylol on  
thromboplastin-induced intravascular coagulation,  
studied in dogs with iodine-labelled fibrinogen.  
Acta Physiol Scand 76:93-105, May-Jun 69  
\*AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD



## AUTHOR SECTION

- COAGULATION, drug effects/ DOGS/  
FIBRINOGEN/ INJECTIONS, INTRAVENOUS/  
IODINE ISOTOPES/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, pharmacodynamics/  
\*THROMBOPLASTIN, pharmacodynamics
4633. Norén I: Specific assay of prothrombin. A method using a freeze-dried reagent of intrinsic coagulation factors. Scand J Clin Lab Invest 25:47-58, Jan 70  
BLOOD COAGULATION/ \*BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ FIBRINOGEN/  
FREEZE DRYING/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ METHODS/  
\*PROTHROMBIN, analysis
4634. Norén I, Blombäck M: Snabbtest för diagnostik av koagulationsrubbningar. Resultat av klinisk provning. Nord Med 82:1277-83, 9 Oct 69 (Swe)  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, diagnosis/ \*BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ FACTOR V, analysis/ FACTOR  
VIII, analysis/ FACTOR IX, analysis/ FACTOR  
X, analysis/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ MALE/ METHODS/ MIDDLE  
AGE/ PROTHROMBIN, analysis/  
PROTHROMBIN TIME/ TIME FACTORS
4635. Norgaard-Pedersen B, Siggaard-Andersen O: Metode til mikroskopisk tælling af blodets trombocyter og leukocyter. Med særligt henblik på anvendelse af kapillaerblod. Ugeskr Laeg 132:1228-32, 25 Jun 70 (Dan)  
\*BLOOD CELL COUNT/ BLOOD PLATELETS/  
ENGLISH ABSTRACT/ HISTOLOGICAL  
TECHNIQUES/ HUMAN/ \*LEUKOCYTE COUNT/  
METHODS
4636. Nori A, Falugiani F, Casotto A, et al: Il circolo arterioso meningeo nella diagnostica neuroradiologica. Radiol Med (Torino) 54:209-23, Mar 68 (Ita)  
ADULT/ ARTERIOVENOUS FISTULA,  
radiography/ \*BRAIN NEOPLASMS,  
radiography/ \*CEREBRAL ANGIOGRAPHY/  
\*CEREBROVASCULAR DISORDERS,  
radiography/ FEMALE/ HEMANGIOMA,  
radiography/ HEMANGIOPERICYTOMA,  
radiography/ HUMAN/ MALE/ \*MENINGEAL  
ARTERIES/ MENINGIOMA, radiography/  
MIDDLE AGE
4637. Norman JC: Splenic homotransplantation for hemophilia. New Eng J Med 283:435, 20 Aug 70  
ANIMAL EXPERIMENTS/ FEMALE/  
\*HEMOPHILIA, therapy/ MALE/ \*SPLEEN,  
transplantation/ TRANSPLANTATION,  
HOMOLOGOUS
4638. Norman JC, Covelli VH, Sise HS: Experimental transplantation of the spleen for classical hemophilia A. Rationales and long-term results. Bibl Haemat 34:187-99, 1970  
ANIMAL EXPERIMENTS/ AZATHIOPRINE,  
pharmacodynamics/ BLOOD COAGULATION  
TESTS/ DOGS/ EPINEPHRINE,  
pharmacodynamics/ FACTOR VIII,  
biosynthesis/ GRAFT VS HOST REACTION,  
prevention & control/ \*HEMOPHILIA,  
therapy/ HUMAN/ IMMUNOSUPPRESSIVE  
AGENTS, pharmacodynamics/ LIVER,  
metabolism/ MALE/ PERFUSION/  
PREDNISOLONE, pharmacodynamics/ RATS/  
SPLEEN, metabolism/ \*SPLEEN,  
transplantation/ SPLENECTOMY/  
TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION IMMUNOLOGY
4639. Norrby E, Ankerst J: Biological characterization of structural components of Adenovirus type 12. J Gen Virol 5:183-94, Sep 69  
ADENOVIRUS, analysis/ ADENOVIRUS,  
classification/ ADENOVIRUS, immunology/  
\*ADENOVIRUS, isolation & purification/  
\*ANTIBODIES/ \*ANTIGENS/  
CENTRIFUGATION, ZONAL/  
CHROMATOGRAPHY, ION EXCHANGE/  
COMPLEMENT FIXATION TESTS/ CULTURE  
MEDIA/ HEMAGGLUTINATION TESTS/  
MICROSCOPY, ELECTRON/ TRYPSIN
4640. Norris JW, Eisen AA, Branch CL: Problems in cerebellar hemorrhage and infarction. Neurology (Minneapolis) 19:1043-50, Nov 69  
ADOLESCENCE/ ADULT/ AGED/  
ANTICOAGULANTS, therapeutic use/  
CEREBELLAR DISEASES, cerebrospinal fluid/  
\*CEREBELLAR DISEASES, diagnosis/  
CEREBELLAR DISEASES, drug therapy/  
CEREBELLAR DISEASES, etiology/  
CEREBRAL HEMORRHAGE, cerebrospinal  
fluid/ \*CEREBRAL HEMORRHAGE, diagnosis/  
CEREBRAL HEMORRHAGE, drug therapy/  
CEREBRAL HEMORRHAGE, etiology/  
CEREBROVASCULAR DISORDERS,  
cerebrospinal fluid/ CEREBROVASCULAR  
DISORDERS, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ HUMAN/  
HYPERTENSION, complications/ INFARCTION/  
MALE/ MIDDLE AGE/ PROGNOSIS/  
VENTRICULOGRAPHY
4641. Norris WP, Poole CM: The response of beagle dogs to protracted exposure to 60Co gamma-rays at 5-35 R-day. II. Survival and clinical observations. ANL-7535. US AEC Argonne Nat Lab 156-7, Dec 68  
ANEMIA, etiology/ ANIMAL EXPERIMENTS/  
\*COBALT ISOTOPES/ \*DOGS,  
radiation effects/ FEMALE/ \*HEMATOLOGIC  
DISEASES, etiology/ MALE/ \*RADIATION  
INJURY, EXPERIMENTAL, blood/  
\*RADIATION INJURY, EXPERIMENTAL,  
mortality/ SEPTICEMIA, etiology/  
THROMBOPENIA, etiology/ TIME FACTORS
4642. North AC, Phillips DC: X-ray studies of crystalline proteins. Progr Biophys 19:1-132, 1969 (236 ref.)  
CARBONIC ANHYDRASE/  
CARBOXYPEPTIDASES/ CATALASE/  
CHEMISTRY/ CHYMOTRYPSIN/  
CRYSTALLIZATION/ CRYSTALLOGRAPHY/  
CYTOCHROMES/ ENZYME PRECURSORS/  
ENZYMES, antagonists & inhibitors/  
HEMOGLOBIN/ IODINE/ MATHEMATICS/  
MODELS, STRUCTURAL/ MURAMIDASE/  
MUSCLE PROTEINS/ PAPAIN/ \*PROTEINS/  
REVIEW/ RIBONUCLEASE/ SULFHYDRYL  
COMPOUNDS/ TRYPSIN/ X-RAY  
DIFFRACTION
4643. North AC, Phillips DC: X-ray studies of crystalline proteins. Progr Biophys 19:1-132, 1969 (236 ref.)  
CARBONIC ANHYDRASE/  
CARBOXYPEPTIDASES/ CATALASE/  
CHEMISTRY/ CHYMOTRYPSIN/  
CRYSTALLIZATION/ CRYSTALLOGRAPHY/  
CYTOCHROMES/ ENZYMES, antagonists &  
inhibitors/ HEMOGLOBIN/ IODINE/  
MATHEMATICS/ MODELS, STRUCTURAL/  
MURAMIDASE/ MUSCLE PROTEINS/  
PAPAIN/ \*PROTEINS/ REVIEW/  
RIBONUCLEASE/ SULFHYDRYL  
COMPOUNDS/ TRYPSIN/ X-RAY  
DIFFRACTION
4644. Northcutt RC, Albert A: Follicle-stimulating activity of human chorionic gonadotropin: Further evidence for non-identity with follicle-stimulating hormone. J Clin Endocr 31:91-5, Jul 70  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/  
FEMALE/ FSH, pharmacodynamics/ FSH,  
secretion/ \*FSH, urine/ \*GONADOTROPINS,  
CHORIONIC, pharmacodynamics/  
GONADOTROPINS, CHORIONIC, urine/  
GONADOTROPINS, PITUITARY,  
pharmacodynamics/ \*GONADOTROPINS,  
PITUITARY, urine/ HUMAN/ LH, urine/  
MENOPAUSE/ PITUITARY GLAND, secretion/  
RATS
4645. Nosál R, Rašková H, Mašek K: Comparative study on the effect of staphylococcal alpha-toxin on erythrocytes and thrombocytes. Toxicon 7:255-62, Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, drug effects/ BLOOD  
PLATELETS, secretion/ \*ERYTHROCYTES,  
drug effects/ HEMOGLOBIN/ HEMOLYSIS/ IN  
VITRO/ MALE/ PLASMA/ RATS/  
SEROTONIN, secretion/ \*STAPHYLOCOCCUS/  
\*TOXINS, pharmacodynamics



# AUTHOR SECTION

4646. Nesselr E: Klinische und soziologische PROBLEME DER Hämophilie in Schleswig-Holstein. Med Welt 49:2674-8, 6 Dec 69 (Ger) ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GERMANY, WEST/ \*HEMOPHILIA/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ SOCIOECONOMIC FACTORS
4647. Notomi A, Uzawa H: [Fatty acid composition of human blood platelets] Jap J Clin Path 17:753-8, Oct 69 (Jap) ADULT/ AGED/ \*BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, analysis/ \*FATTY ACIDS, blood/ HUMAN/ MALE/ MIDDLE AGE
4648. Nour-Eldin F: Control of anticoagulant treatment. Lancet 2:1362, 20 Dec 69 \*ANTICOAGULANTS, administration & dosage/ HUMAN/ INDICATORS AND REAGENTS/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis
4649. Novák J: To pathogenesis of subjective tinnitus aurium in adhesive middle-ear processes. Sborn Ved Prac Lek Fak Karlov Univ 12:141-7, 1969 \*ADHESIONS, complications/ FENESTRATION/ \*HEARING DISORDERS, etiology/ HUMAN/ \*OTITIS MEDIA, complications/ OTITIS MEDIA, surgery/ OTOSCLEROSIS, complications/ STAPES MOBILIZATION/ STAPES SURGERY/ \*TINNITUS, etiology/ TINNITUS, therapy
4650. Novaković R, Bosnjaković V, Sobić V, et al: Efekt telekobalt terapije na količinu lipoproteinske lipaze u plazmi. Med Pregl 22:149-53, 1969 (Ser) BRAIN NEOPLASMS, enzymology/ BREAST NEOPLASMS, enzymology/ \*COBALT ISOTOPES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ JAW NEOPLASMS, enzymology/ LARYNGEAL NEOPLASMS, enzymology/ \*LIPOPROTEIN LIPASE, blood/ LUNG NEOPLASMS, enzymology/ MEDIASTINAL NEOPLASMS, enzymology/ \*RADIATION EFFECTS/ \*RADIOISOTOPE THERAPY/ UTERINE NEOPLASMS, enzymology
4651. Nover A: Augenveränderungen bei Klippel-Trenaunay-Weber-Syndrom. Ber Deutsch Ophth Ges 69:153-6, 1969 (Ger) ADULT/ \*ANGIOMATOSIS, diagnosis/ \*EYE MANIFESTATIONS/ GLAUCOMA, etiology/ HUMAN/ MALE/ PAPILLEDEMA, etiology/ RETINAL HEMORRHAGE, etiology
4652. Novikov VE: Dlitel'nala upravliaemala gipotonila posle rezektsii aorty po povodu koarktatsii. Eksp Khir Anest 14:68-9, Jan-Feb 69 (Rus) ADOLESCENCE/ ANTICOAGULANTS, therapeutic use/ \*AORTIC COARCTATION, surgery/ CASE REPORT/ HUMAN/ \*HYPOTENSION, CONTROLLED/ MALE/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS/ TIME FACTORS
4653. Novitskii VS: Vliianie geparina na retraktsiiu kroviannogo sgustka pri razlichnykh formakh koronarnoi bolezni. Vrach Delo 5:139-40, May 69 (Rus) \*BLOOD COAGULATION, drug effects/ \*CORONARY DISEASE, drug therapy/ \*HEPARIN, therapeutic use/ HUMAN
4654. Nowak A, Niewiarowski S, Czekala Z, et al: Fibrinolytic system, fibrinogen degradation products and soluble fibrin monomer complexes of renal venous and aortal blood. Experientia 25:996-7, 15 Sep 69 AORTA/ ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION TESTS/ COLONIC NEOPLASMS, blood/ \*FIBRIN/ \*FIBRINOGEN/ \*FIBRINOLYSIS/ HUMAN/ HYPERTENSION, blood/ HYPERTENSION, RENAL, blood/ IMMUNOASSAY/ KIDNEY, physiology/ OBESITY, blood/ PYELONEPHRITIS, blood/ \*RENAL VEINS, physiology/ STAPHYLOCOCCUS, drug effects
4655. Nowak S, Fojt E, Fojtowa E, et al: Urinary and serum trypsin inhibitors in viral hepatitis. Acta Med Pol 11:179-86, 1970 \*HEPATITIS, INFECTIOUS, metabolism/ HUMAN/ \*TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, urine/ \*VIRUS DISEASES, metabolism
4656. Nowakowski TK, Sassowa J, Wasikowa R: Próba oceny stanu wątroby w cukrzycy dziecięcej na podstawie badań enzymatycznych surowicy. Pediat Pol 45:407-12, Apr 70 (Pol) ADOLESCENCE/ AMINOTRANSFERASES, blood/ BLOOD PROTEINS, analysis/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ DIABETES MELLITUS, JUVENILE, enzymology/ \*DIABETES MELLITUS, JUVENILE, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPIDS, blood/ \*LIVER, physiopathology/ LIVER FUNCTION TESTS/ MALE/ PROTHROMBIN, analysis
4657. Noyer M, Van Peborgh J, Léonis J: Application de la tritilation en solution à l'étude conformationnelle de la ribonucléase. Arch Int Physiol 77:552-3, Aug 69 (Fre) CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS/ PLATINUM/ \*RIBONUCLEASE, analysis/ \*TRITIUM/ TRYPSIN/ WATER
4658. Nozu Y, Okada Y: Correction of an amide group allocation in the amino acid sequence of tobacco mosaic virus coat protein. Virology 40:1066-7, Apr 70 \*AMIDES, analysis/ AMINO ACID SEQUENCE/ CHROMATOGRAPHY/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS/ GLUTAMATES, analysis/ GLUTAMINE, analysis/ PAPER/ PEPTIDES, analysis/ PEPTIDES, metabolism/ \*TOBACCO MOSAIC VIRUS, analysis/ \*VIRAL PROTEINS, analysis
4659. Nozu Y, Ono T, Okada Y: Amino acid sequences of some common Japanese strains of tobacco mosaic virus. J Blochem (Tokyo) 68:39-52, Jul 70 \*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ASPARAGINE, analysis/ CHROMATOGRAPHY/ ISOLEUCINE, analysis/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ THREONINE, analysis/ \*TOBACCO MOSAIC VIRUS, analysis/ VALINE, analysis
4660. Nubar Y: Effect of slp on the rheology of a composite fluid: application to blood. Biorheology 4:133-50, Sep 67 \*BLOOD FLOW VELOCITY/ \*BLOOD VISCOSITY/ ERYTHROCYTES/ HEMATOCRIT/ MODELS, THEORETICAL/ PLASMA/ \*RHEOLOGY
4661. Nuernbergk W, Selfert C: Die Therapie des akuten Hörverlustes mit Heparin oder Nicodan. HNO 17:343-6, Nov 69 (Ger) ADULT/ FEMALE/ \*HEARING DISORDERS, drug therapy/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ \*NICOTINIC ACID, therapeutic use
4662. Nummi P, Kaski P: Renal artery embolism. Diagnosis and prognosis. Scand J Urol Nephrol 3:59-63, 1969 ANTICOAGULANTS, therapeutic use/ AORTOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, drug therapy/ EMBOLISM, etiology/ \*EMBOLISM, radiography/ HEART VALVE DISEASES, complications/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE/ PROGNOSIS/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY OBSTRUCTION, drug therapy/ RENAL ARTERY OBSTRUCTION, etiology/ \*RENAL ARTERY OBSTRUCTION, radiography
4663. Nureddin A, Inagami T: Chemical modifications of amino groups of trypsin. Blochem Biophys Res Commun 36:999-1005, 10 Sep 69 AMIDINES/ AMINO ACIDS/ BINDING SITES/ CARBON ISOTOPES/ CHEMISTRY/ DRUG STABILITY/ GUANIDINES/ HYDROGEN-ION



# AUTHOR SECTION

- CONCENTRATION/ \*LYSINE/ PEPTIDES/  
PYRAZOLES/ TEMPERATURE/ TIME  
FACTORS/ \*TRYPSIN/ TRYPSIN INHIBITORS
4664. Nurick S, Mair WG: Brain metastases from haemangioendothelioma of the spleen. Report of a case. *Acta Neuropath (Berlin)* 14:345-9, 1970  
\*BRAIN NEOPLASMS, pathology/ CEREBRAL HEMORRHAGE, pathology/ HEART NEOPLASMS, pathology/  
\*HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ NEOPLASM METASTASIS/ SPLEEN, pathology/ \*SPLENIC NEOPLASMS, pathology
4665. Nustad K: Observations on the kininogenase activity of rat kidney and urine.  
*Scand J Clin Lab Invest Suppl* 107:97+, 1969  
ANIMAL EXPERIMENTS/ \*KIDNEY, enzymology/ \*PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, urine/ RATS
4666. Nustad K: The relationship between kidney and urinary kininogenase.  
*Brit J Pharmacol* 39:73-86, May 70  
ALKALINE PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, urine/ ANIMAL EXPERIMENTS/ ESTERS, metabolism/ FEMALE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ KALLIKREIN, urine/ \*KIDNEY, enzymology/ KININS, blood/ \*KININS, metabolism/ MALE/ MOLECULAR WEIGHT/ \*PEPTIDE PEPTIDOHYDROLASES, urine/ RATS/ TISSUE EXTRACTS
4667. Nustad K: Observations on the kininogenase activity of rat kidney and urine.  
*Scand J Clin Lab Invest* 24:Suppl 107:97+, 1969  
ANIMAL EXPERIMENTS/ \*KIDNEY, enzymology/ \*PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, urine/ RATS
4668. Nylander G: Propulsive gastrointestinal motility after controlled bleeding in the rat.  
*Scand J Gastroent* 4:105-19, 1969  
ANIMAL EXPERIMENTS/ BLOOD VOLUME DETERMINATION/ \*BLOODLETING/ CAROTID ARTERIES/ CHROMIUM ISOTOPES/ \*GASTROINTESTINAL MOTILITY/ HEMATOCRIT/ HEPARIN/ \*INTESTINE, SMALL, physiopathology/ JUGULAR VEIN/ MALE/ MATHEMATICS/ METHODS/ RATS/ \*STOMACH, physiopathology/ TIME FACTORS
4669. Nyman D: The preparation of an artificial reagent for the one-stage factor VIII assay.  
*Thromb Diath Haemorrh* 23:206-12, 1970  
\*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, standards/ FACTOR V/ \*FACTOR VIII, analysis/ FACTOR IX/ FACTOR X/ FACTOR XI/ FACTOR XII/ FIBRINOGEN/ HEMOPHILIA, diagnosis/ HUMAN/ KAOLIN/ PROTHROMBIN
4670. Obdržálek V, Smarda J, Adler J, et al: Adsorption and inhibiting action of colicin E1 on sensitive bacteria under different physico-chemical conditions.  
*Zbl Bakt [Orig]* 209:232-44, Jan 69  
ADSORPTION/ BACTERIOLOGICAL TECHNIQUES/ CHEMISTRY, PHYSICAL/ CHLORIDES, pharmacodynamics/ \*COLICINS, pharmacodynamics/ CULTURE MEDIA/ DINITROPHENOLS, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ \*ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, growth & development/ HYDROGEN-ION CONCENTRATION/ L FORMS, drug effects/ MAGNESIUM, pharmacodynamics/ OXALATES, pharmacodynamics/ \*PROTEUS, drug effects/ PROTEUS, growth & development/ RECEPTORS, DRUG/ SODIUM/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TRYPSIN
4671. Obenchain TG, Clark R, Hanafey W, et al: Complication rate of selective cerebral angiography in infants and children. A comparison with a similar adult series.  
*Radiology* 95:669-73, Jun 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ \*CEREBRAL ANGIOGRAPHY, adverse effects/ CEREBRAL ANGIOGRAPHY, mortality/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ \*FEVER, etiology/ \*HEMATOMA, etiology/ \*HEMIPLEGIA, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ \*VASCULAR DISEASES, etiology
4672. Oberg J: Quantitative determination of heparin released lipoprotein lipase activity in human plasma.  
*Arch Ges Virusforsch* 29:452-6, 1970  
ALBUMINS/ DRUG STABILITY/ FREEZING/ GLYCERIN, analysis/ \*HEPARIN, pharmacodynamics/ \*LIPOPROTEIN LIPASE, blood/ METABOLISM, drug effects/ METHODS/ TRIGLYCERIDES, analysis
4673. Oberling F, Heumann AM, Held AM, et al: Syndrome de Moschcowitz et hémorragie digestive massive.  
*Sem Hop Paris* 46:888-92, 14 Mar 70 (Fre)  
ADULT/ BONE MARROW, pathology/ BONE MARROW EXAMINATION/ BRAIN, pathology/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ MALE/ \*PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy
4674. Oberschulte-Beckmann D, Wildhack R: Unreife Myelose bei zwei Schwestern.  
*Deutsch Med Wschr* 95:623-6 passim, 20 Mar 70 (Ger)  
AUTOPSY/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, drug therapy/ \*LEUKEMIA, MYELOBLASTIC, familial & genetic/ LEUKEMIA, MYELOBLASTIC, pathology/ LEUKOCYTE COUNT/ MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE/ PREDNISONE, therapeutic use
4675. Obika M, Negishi S: Properties and state of particulate tyrosinase of xanthic goldfish.  
*Biochim Biophys Acta* 212:369-74, 16 Sep 70  
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ CHYMOTRYPSIN/ COLORIMETRY/ CYPRINIDAE, enzymology/ \*DIPHENOL OXIDASES, analysis/ ELECTROPHORESIS/ ENZYME ACTIVATION/ MANOMETRY/ MEMBRANES, enzymology/ MITOCHONDRIA, enzymology/ PHOSPHOLIPASE/ SKIN, cytology/ \*SKIN, enzymology/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ TYROSINE/ VIBRATION
4676. Obinata M, Mizuno D: Mechanism of colicin E2-induced DNA degradation in *Escherichia coli*.  
*Biochim Biophys Acta* 199:330-9, 18 Feb 70  
CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ \*COLICINS, metabolism/ DEOXYRIBONUCLEASE/ \*DNA, BACTERIAL, metabolism/ ENZYME ACTIVATION/ \*ESCHERICHIA COLI, metabolism/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN/ URACIL, metabolism
4677. Obili N, Obreja T, Aldescu C, et al: Studiul clinico-terapeutic la 300 fracturi de stinzi temporale a leziunilor asociate.  
*Rev Medicochir Iasi* 74:345-50, Apr-Jun 70 (Rum)  
ADOLESCENCE/ ADULT/ AGED/ BRAIN CONCUSSION/ \*BRAIN INJURY, ACUTE/ CEREBRAL HEMORRHAGE/ CEREBROSPINAL OTORRHEA/ CEREBROSPINAL RHINORRHEA/ CHILD/ CHILD, PRESCHOOL/ CONTUSIONS/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ \*PETROUS BONE, injuries/ \*SKULL FRACTURES, complication



# AUTHOR SECTION

4678. Obliu N, Sandulescu G: L'hématome extradural préfrontal (fronto-orbitaire)  
Acta Neurol Belg 69:249-56, Apr 69 (Fre)  
ADOLESCENCE/ ADULT/ CEREBRAL  
ANGIOGRAPHY/ COMA/ HEAD INJURIES,  
complications/ \*HEMATOMA, diagnosis/  
HEMATOMA, radiography/ HEMATOMA,  
surgery/ HUMAN/ MALE/ MIDDLE AGE/  
ORBIT/ POSTOPERATIVE COMPLICATIONS/  
TREPHINING
4679. Oborina IuN, Nikitin IuP: Antitrombinovaya aktivnost' stenki aorty krysa, soderzhashchikh na aterogennoi diete. Vop Pitn 28:29-31, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTITHROMBIN/  
\*AORTA/ BLOOD COAGULATION/ \*DIET,  
ATHEROGENIC/ ENGLISH ABSTRACT/  
RABBITS/ RATS/ SPECIES SPECIFICITY/  
TIME FACTORS
4680. O'Brien JR: Detection of thrombosis with iodine-125 fibrinogen. Data reassessed. Lancet 2:396-9, 22 Aug 70  
BLOOD COAGULATION TESTS/  
\*FIBRINOGEN/ HUMAN/ \*IODINE ISOTOPES,  
DIAGNOSTIC/ LEG, blood supply/ METHODS/  
POSTOPERATIVE COMPLICATIONS/  
RADIOISOTOPE SCANNING/ \*THROMBOSIS,  
diagnosis
4681. O'Brien JR: Cell membrane damage, platelet stickiness and some effects of aspirin.  
Brit J Haemat 17:610-1, Dec 69  
ADENINE NUCLEOTIDES, pharmacodynamics/  
\*ASPIRIN, pharmacodynamics/ BLOOD  
COAGULATION, drug effects/ \*BLOOD  
PLATELETS, drug effects/ \*CELL  
MEMBRANE, drug effects/ \*ERYTHROCYTES,  
drug effects/ HEMOLYSIS/ PLATELET  
ADHESIVENESS, drug effects
4682. O'Brien JR, Finch W, Clark E: Platelet-bound and soluble platelet factor 4: effects of aggregating agents, of aggregation, and of aspirin.  
Proc Soc Exp Biol Med 134:1128-31, Sep 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
\*ASPIRIN, pharmacodynamics/ BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
physiology/ COLLAGEN/ \*EPINEPHRINE,  
pharmacodynamics/ \*HEPARIN ANTAGONISTS,  
biosynthesis/ HUMAN
4683. O'Brien RD, Gilmour LP, Eldefrawi ME: A muscarone-binding material in electropex and its relation to the acetylcholine receptor. II. Dialysis assay. Proc Nat Acad Sci USA 65:438-45, Feb 70  
\*ACETYLCHOLINE, pharmacodynamics/  
ACETYLCHOLINESTERASE, metabolism/  
\*AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BINDING SITES/  
CHYMOTRYPSIN, pharmacodynamics/  
\*DIALYSIS/ EELS/ ELECTRIC ORGAN,  
enzymology/ \*ELECTRIC ORGAN, metabolism/  
ELECTROPHORESIS, DISK/ \*FURANS/  
KINETICS/ METHODS/ NEUROMUSCULAR  
DEPOLARIZING AGENTS, pharmacodynamics/  
PHOSPHOLIPASE, pharmacodynamics/  
PHOSPHORIC ACIDS, pharmacodynamics/  
\*RECEPTORS, DRUG/ SOLUBILITY/  
SURFACE-ACTIVE AGENTS,  
pharmacodynamics/ TRYPSIN,  
pharmacodynamics
4684. Ochi Y, Degroot LJ: Comparative studies on the properties of LATS and TSH.  
Endocr Jap 17:131-41, Apr 70  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BILE ACIDS AND  
SALTS/ BIOLOGICAL ASSAY/ CHEMISTRY,  
PHYSICAL/ CHICKENS/ FLUORESCENT  
ANTIBODY TECHNIC/ GAMMA GLOBULIN,  
7S, analysis/ GEL DIFFUSION TESTS/ HEAT/  
HUMAN/ HYDROCORTISONE,  
pharmacodynamics/ IMMUNOSUPPRESSIVE  
AGENTS, pharmacodynamics/ \*LONG-ACTING  
THYROID STIMULATOR/ LONG-ACTING  
THYROID STIMULATOR, antagonists &  
inhibitors/ LONG-ACTING THYROID  
STIMULATOR, metabolism/ LONG-ACTING  
THYROID STIMULATOR, pharmacodynamics/  
MICE/ MICROSOMES, metabolism/ PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
RABBITS/ THYROID GLAND, metabolism/  
\*THYROTROPIN
4685. Ochsner A, Ochsner JL, Sanders HS: Prevention of pulmonary embolism by caval ligation.  
Ann Surg 171:923-38, Jun 70  
ACCIDENTS, TRAFFIC/ ADULT/ AGED/  
ANTICOAGULANTS, therapeutic use/ BLOOD  
COAGULATION DISORDERS, diagnosis/  
EDEMA, etiology/ FEMALE/ FEMORAL VEIN,  
surgery/ HUMAN/ MALE/ MIDDLE AGE/  
MOVEMENT/ OBESITY, complications/  
OVARY, blood supply/ PHLEBOGRAPHY/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ PULMONARY  
EMBOLISM, mortality/ \*PULMONARY  
EMBOLISM, prevention & control/  
\*THROMBOPHLEBITIS, complications/  
THROMBOPHLEBITIS, diagnosis/ \*VENA  
CAVA, INFERIOR, surgery/ VITAMIN E,  
therapeutic use
4686. Odake K, Ambrus JL: Adenine nucleotide metabolism in stored human platelets.  
Amer J Path 56:393-403, Sep 69  
ADENINE, pharmacodynamics/ ADENINE  
NUCLEOTIDES, analysis/ \*ADENINE  
NUCLEOTIDES, metabolism/ ADENOSINE  
TRIPHOSPHATE, metabolism/ BLOOD  
PLATELETS, drug effects/ \*BLOOD  
PLATELETS, metabolism/ \*BLOOD  
PRESERVATION/ CARBON ISOTOPES/  
CHROMATOGRAPHY/ CITRATES/ COLD/  
GLUCOSE/ HUMAN/ PHOSPHATES
4687. Odake K, Ambrus JL, Bishop C: Assay for erythrocyte adenosine monophosphate deaminase (AMP aminohydrolase, EC 3.5.4.6) and effects of certain blood preservatives on this enzyme.  
Amer J Clin Path 52:565-71, Nov 69  
ADENINE, pharmacodynamics/ ADENINE  
NUCLEOTIDES, blood/ ADENINE  
NUCLEOTIDES, pharmacodynamics/  
\*AMINOHYDROLASES, blood/ BLOOD  
PRESERVATION/ CHROMATOGRAPHY, ION  
EXCHANGE/ DEPRESSION, CHEMICAL/  
DIPYRIDAMOLE, pharmacodynamics/  
\*ERYTHROCYTES, enzymology/ HEMOLYSIS/  
HUMAN/ MALE/ METHODS/ NUCLEOSIDES,  
pharmacodynamics/ PHOSPHATES,  
pharmacodynamics
4688. Odake K, Bishop C, Warner W, et al: Value of adenine, various nucleosides, and ouabain in maintenance of integrity of red blood cells under blood bank conditions. Vox Sang 17:375-92, Nov 69  
ACIDS/ \*ADENINE, pharmacodynamics/  
\*ADENINE NUCLEOTIDES, metabolism/  
ADENOSINE TRIPHOSPHATE, analysis/  
ADULT/ ANTICOAGULANTS/ BLOOD  
BANKS/ \*BLOOD PRESERVATION/ BLOOD  
SUGAR/ CITRATES/ ERYTHROCYTES, drug  
effects/ \*ERYTHROCYTES, metabolism/  
HUMAN/ LACTATES, analysis/ MALE/  
\*NUCLEOSIDES, pharmacodynamics/  
\*OUABAIN, pharmacodynamics/ PHOSPHATES/  
PHOSPHATES, analysis/ PHOTOMETRY/  
POTASSIUM, analysis/ SODIUM, analysis/  
SPECTROPHOTOMETRY
4689. Odehnal F: Analgetický účinek akupunktury po tonzilektomii v porovnání s účinkem některých analgetik. Česk Otolaryng 19:161-5, Aug 70 (Cze)  
\*ACUPUNCTURE/ \*ANALGESICS AND  
ANTIPYRETICS, pharmacodynamics/  
COMPARATIVE STUDY/ ENGLISH  
ABSTRACT/ HUMAN/ PLACEBOS/  
POSTOPERATIVE CARE/ \*TONSILLECTOMY/  
VITAMIN K, pharmacodynamics
4690. Odesskaja TA, Shitikova AS, Papaian LP: O povyshenii tochnosti podscheta trombotsitov v perifericheskoi krov. Lab Delo 2:78-9, 1970 (Rus)  
\*BLOOD CELL COUNT/ \*BLOOD  
PLATELETS/ HUMAN/ METHODS
4691. Odievre M, Gantier M, Nocton F, et al: Cholostase intra-hépatique par obstruction des voies biliaires



## AUTHOR SECTION

- interlobulaires au cours d'une maladie generalisée des inclusions cytomégalliques chez un nouveau-né. Arch Franc Pediat 27:211-6, Feb 70 (Fre)
- BILIARY TRACT DISEASES, etiology/ CASE REPORT/ CHOLESTASIS/ \*CYTOMEGALIC INCLUSION DISEASE/ CYTOMEGALIC INCLUSION DISEASE, pathology/ CYTOMEGALIC INCLUSION DISEASE, physiopathology/ CYTOMEGALOVIRUSES, isolation & purification/ ENGLISH ABSTRACT/ HEPATOMEGALY, etiology/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL/ \*JAUNDICE, OBSTRUCTIVE, physiopathology/ PURPURA, THROMBOPENIC, etiology/ SPLENOMEGALY, etiology
4692. O'Donnell IJ, Frangione B, Porter RR: The disulphide bonds of the heavy chain of rabbit immunoglobulin G. Biochem J 116:261-8, Jan 70  
AMINO ACID SEQUENCE/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY/ \*CYSTINE, analysis/ \*GAMMA GLOBULIN, 7S, analysis/ PEPTIDES, analysis/ RABBITS/ \*SULFIDES, analysis/ TRYPSIN
4693. Oe K: Coagulation studies of the vascular intima. I. Antithrombin activity. Acta Haemat Jap 32:287-96, Apr 69  
ADSORPTION/ ANIMAL EXPERIMENTS/ \*AORTA, THORACIC, analysis/ BLOOD COAGULATION TESTS/ HEPARIN/ \*HEPARIN ANTAGONISTS, analysis/ PLASMA/ SWINE/ THROMBIN/ TIME FACTORS/ \*VENA CAVA, INFERIOR, analysis
4694. Oe K: Coagulation studies of the vascular intima. II. Antithrombin activity. Acta Haemat Jap 32:297-310, Apr 69  
ADSORPTION/ ANIMAL EXPERIMENTS/ \*ANTITHROMBIN, analysis/ \*AORTA, analysis/ BARIUM SULFATE/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CENTRIFUGATION/ FIBRINOGEN/ HEAT/ PLASMA/ PROTAMINES/ SWINE/ THROMBIN
4695. Oepen I: Fehlbestimmung der Faktoren MNSs, Fy(a) sowie der Rhesusfaktoren CcD<sub>ee</sub> an gealterten Blutproben. Deutsch Z Ges Gerichtl Med 66:130-8, 1969 (Ger)  
\*BLOOD GROUPS/ \*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ \*ERYTHROCYTE AGING/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ HUMAN/ \*RH FACTORS/ TEMPERATURE/ TIME FACTORS
4696. Ottgen HF, Stephenson PA, Schwartz MK, et al: Toxicity of E. coli L-asparaginase in man. Cancer 25:253-78, Feb 70  
ADULT/ AGRANULOCYTOSIS, chemically induced/ ANTIGEN-ANTIBODY REACTIONS/ ASPARAGINASE, administration & dosage/ \*ASPARAGINASE, toxicity/ BLOOD PLATELET DISORDERS, chemically induced/ BONE MARROW, drug effects/ CALCIUM, blood/ CALCIUM, urine/ CHILD/ COGNITION DISORDERS, chemically induced/ DIARRHEA, chemically induced/ ESCHERICHIA COLI, enzymology/ FEMALE/ FEVER, drug therapy/ HEMORRHAGE, chemically induced/ HUMAN/ HYPERSENSITIVITY, IMMEDIATE/ INJECTIONS, INTRAVENOUS/ \*LEUKEMIA, drug therapy/ LIPIDS, blood/ LIVER DISEASES, chemically induced/ LIVER FUNCTION TESTS/ \*LYMPHOMA, drug therapy/ LYMPHOPENIA, chemically induced/ MALE/ NAUSEA, chemically induced/ NITROGEN, blood/ NITROGEN, urine/ PANCREATITIS, chemically induced/ PHOSPHORUS, urine/ TIME FACTORS/ URIC ACID, urine/ VOMITING, chemically induced
4697. Ofstad E: Formation and destruction of plasma kinins during experimental hemorrhagic pancreatitis in dogs. Scand J Clin Lab Invest Suppl 107:169+, 1969  
DOGS/ EXUDATES AND TRANSUDATES, analysis/ GEL FILTRATION/ \*KININS, metabolism/ PANCREATITIS, chemically induced/ \*PANCREATITIS, metabolism/ PEPTIDE HYDROLASES, analysis
4698. Ofstad E: Formation and destruction of plasma kinins during experimental acute hemorrhagic pancreatitis in dogs. Scand J Gastroent 5:Suppl 5:1-44, 1970  
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DOGS/ EXUDATES AND TRANSUDATES, enzymology/ GEL FILTRATION/ HEMORRHAGE, enzymology/ KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ \*KININS, antagonists & inhibitors/ \*KININS, biosynthesis/ KININS, blood/ PANCREATIC JUICE, enzymology/ \*PANCREATITIS, enzymology
4699. Ofstad E: Formation and destruction of plasma kinins during experimental hemorrhagic pancreatitis in dogs. Scand J Clin Lab Invest 24:Suppl 107:169+, 1969  
DOGS/ EXUDATES AND TRANSUDATES, analysis/ GEL FILTRATION/ \*KININS, metabolism/ PANCREATITIS, chemically induced/ \*PANCREATITIS, metabolism/ PEPTIDE HYDROLASES, analysis
4700. Ofstad E, Nustad K: The influence of major surgery on kinin-forming, kinin-destroying and alkaline phosphatase activities in urine. Scand J Clin Lab Invest 24:Suppl 107:163+, 1969  
\*ALKALINE PHOSPHATASE, urine/ ANIMAL EXPERIMENTS/ ANOXIA, physiopathology/ HUMAN/ IN VITRO/ KIDNEY, physiopathology/ KININS, biosynthesis/ KININS, metabolism/ \*PEPTIDE HYDROLASES, urine/ RATS/ \*SURGERY, OPERATIVE
4701. Ofstad E, Nustad K: The influence of major surgery on kinin-forming, kinin-destroying and alkaline phosphatase activities in urine. Scand J Clin Lab Invest Suppl 107:163+, 1969  
\*ALKALINE PHOSPHATASE, urine/ ANIMAL EXPERIMENTS/ ANOXIA, physiopathology/ HUMAN/ IN VITRO/ KIDNEY, physiopathology/ KININS, biosynthesis/ KININS, metabolism/ \*PEPTIDE HYDROLASES, urine/ RATS/ \*SURGERY, OPERATIVE
4702. Oganov RG: Rol' katekholaminov v patogeneze ishemičeskoj bolezni serdca. Kardiologija 9:129-40, Jul 69 (135 ref.) (Ru)  
ADRENAL GLANDS, metabolism/ AMINOTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ \*CATECHOLAMINES/ CATECHOLAMINES, pharmacodynamics/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ CORONARY DISEASE, blood/ \*CORONARY DISEASE, etiology/ CORONARY DISEASE, metabolism/ DOGS/ EPINEPHRINE/ EPINEPHRINE, blood/ EPINEPHRINE, metabolism/ HUMAN/ MYOCARDIAL INFARCT, etiology/ NOREPINEPHRINE/ NOREPINEPHRINE, blood/ NOREPINEPHRINE, metabolism/ REVIEW/ STRESS, metabolism/ VANILMANDELIC ACID, blood
4703. Ogawa M, Kamel K: [Changes of sedimentation rate pregnant women and obstetrical hemorrhage]. J Jap Obstet Gynec Soc 22:251-6, Mar 70 (Ja)  
ADULT/ BLOOD COAGULATION DISORDERS, blood/ \*BLOOD SEDIMENTATION/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ \*UTERINE HEMORRHAGE, blood
4704. Ognivenko VM, Iakubovskaia VI: Obem lipidov i lechenii éksperimental'noi giperkholesterinemii niamidom. Vop Med Khim 16:184-9, Mar-Apr 70 (Ru)  
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, metabolism/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ HYPERCHOLESTEREMIA, drug therapy/ \*HYPERCHOLESTEREMIA, metabolism/ \*LIPIDS, metabolism/ LIPOPROTEINS, metabolism/ MALE/ RATS/ STEROIDS, urine/ TRIGLYCERIDES, metabolism
4705. Ognivenko VM, Iakubovskaia VI: Vliianie niamida



## AUTHOR SECTION

kholesterinový obmen na fone aterogennej diety.  
Farmakol Toksik 33:31-4, Jan-Feb 70 (Rus)  
ADRENAL GLANDS, analysis/ ANIMAL  
EXPERIMENTS/ AORTA, analysis/ BILE,  
analysis/ BILE ACIDS AND SALTS, analysis/  
BRAIN CHEMISTRY, drug effects/  
\*CHOLESTEROL, analysis/ CHOLESTEROL,  
blood/ DEPRESSION, CHEMICAL/ \*DIET,  
ATHEROGENIC/ ENGLISH ABSTRACT/  
FECES, analysis/ FEMUR/ KIDNEY, analysis/  
LIVER, analysis/ LUNG, analysis/ MALE/  
MUSCLES, analysis/ MYOCARDIUM, analysis/  
NIALAMIDE, administration & dosage/  
\*NIALAMIDE, pharmacodynamics/ RATS/  
SPINAL CORD, analysis/ SPLEEN, analysis/  
STEROLS, analysis/ STIMULATION,  
CHEMICAL

4706. Ogston D, Dawson AA: Thrombocytosis following  
thrombocytopenia in man.  
Postgrad Med J 45:754-6, Dec 69  
ANEMIA, PERNICIOUS, blood/ HUMAN/  
METHOTREXATE, therapeutic use/  
NEOPLASMS, blood/ PREDNISONE,  
therapeutic use/ PURPURA, THROMBOPENIC,  
blood/ \*THROMBOCYTOSIS, etiology/  
\*THROMBOPEINIA, complications/ VITAMIN B  
12, blood

4707. Ogston D, Ogston CM, Ratnoff OD, et al: Studies on a  
complex mechanism for the activation of plasminogen  
by kaolin and by chloroform: the participation of  
Hageman factor and additional cofactors.  
J Clin Invest 48:1786-801, Oct 69  
\*BLOOD COAGULATION FACTORS/  
CHLOROFORM/ CHROMATOGRAPHY/  
\*FACTOR XII/ FIBRINOLYSIS, biosynthesis/  
\*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/  
HUMAN/ KAOLIN/ MOLECULAR WEIGHT/  
\*PLASMINOGEN

4708. Oguri M: [A case of incomplete form of Sturge-Weber  
syndrome] Folia Ophthal Jap 21:304-8, Apr 70 (Jap)  
ADULT/ \*ANGIOMATOSIS/ ANGIOMATOSIS,  
diagnosis/ ANGIOMATOSIS, pathology/ CASE  
REPORT/ \*CHOROID NEOPLASMS/ CHOROID  
NEOPLASMS, diagnosis/ CHOROID  
NEOPLASMS, pathology/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
HUMAN/ MALE/ MELANOMA, diagnosis

4709. Ogurtsova RE: Fermentativnaya aktivnost'  
kholesterinesterazy i lipoproteinazy v krvi krol'kov  
pri razviti ditiionovogo diabeta.  
Probl Endokr (Moskva) 16:82-5, Jan-Feb 70 (Rus)  
ANIMAL EXPERIMENTS/ \*AZO COMPOUNDS/  
CHOLESTEROL, blood/ DIABETES MELLITUS,  
chemically induced/ \*DIABETES MELLITUS,  
enzymology/ ENGLISH ABSTRACT/  
\*ESTERASES, blood/ INDICATORS AND  
REAGENTS, administration & dosage/  
LIPOPROTEINS/ \*PEPTIDE HYDROLASES,  
blood/ RABBITS

4710. Ohara K, Fukuda O, Soeda S, et al: [Advantages in the  
simple excision and suture technic]  
Jap J Plast Reconstr Surg 13:134-42, Mar 70 (Jap)  
ADULT/ CHILD/ CICATRIX, surgery/  
ENGLISH ABSTRACT/ FACIAL NEOPLASMS,  
surgery/ FEMALE/ HEMANGIOMA, surgery/  
HUMAN/ MALE/ METHODS/ MIDDLE AGE/  
NEVUS, surgery/ \*SKIN, surgery/ \*SURGERY,  
PLASTIC

4711. Ohlsson K: A sensitive method for the determination of  
proteolytic activity in vitro by immunochemical  
quantitation of fibrinogen fragments.  
Clin Chim Acta 26:131-3, Oct 69  
CATTLE/ ELECTROPHORESIS/  
FIBRINOGEN/ FIBRINOLYSIS/ HUMAN/  
IMMUNE SERUMS/ IMMUNOCHEMISTRY/  
INDICATORS AND REAGENTS/ METHODS/  
MICROCHEMISTRY/ \*PEPTIDE HYDROLASES,  
analysis/ RABBITS/ TIME FACTORS/  
TRYPSIN, analysis

4712. Ohm OJ: CRST-syndromet. (Calcinosis  
cutis-Raynaud-fenomen-sclerodactyl--  
telangiectasler) Nord Med 83:266-70, 26 Feb 70 (Nor)  
AGED/ \*ANGIOMATOSIS, complications/

BLOOD PRESSURE/ BLOOD PROTEINS,  
analysis/ BLOOD SEDIMENTATION/  
\*CALCINOSIS, complications/  
ELECTROCARDIOGRAPHY/ ENDOSCOPY/  
ENGLISH ABSTRACT/ FEMALE/ \*FINGERS/  
HUMAN/ IRON, blood/ MALE/ \*RAYNAUD'S  
DISEASE, complications/ \*SCLERODERMA,  
complications

4713. Ohmann E, Borris R, Rindt KP:  
Glucose-6-phosphat-Dehydrogenase in autotrophen  
Mikroorganismen. II. Die Regulation der Aktivität der  
Glucose-6-phosphat-Dehydrogenase in Euglena  
gracilis und Rhodospseudomonas spheroides.  
Z Allg Mikrobiol 10:37-53, 1970 (Ger)  
ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ AMMONIUM COMPOUNDS/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CULTURE MEDIA/ ENGLISH ABSTRACT/  
\*EUGLENA, enzymology/ EUGLENA, growth &  
development/ GEL FILTRATION/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
antagonists & inhibitors/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
isolation & purification/  
\*GLUCOSEPHOSPHATE DEHYDROGENASE,  
metabolism/ HYDROGEN-ION  
CONCENTRATION/ IONS/ MAGNESIUM,  
pharmacodynamics/ MOLECULAR WEIGHT/  
NADP, pharmacodynamics/ NUCLEOTIDES,  
pharmacodynamics/ PRECIPITATION/  
PROTAMINES/ \*RHODOPSEUDOMONAS,  
enzymology/ RHODOPSEUDOMONAS, growth  
& development/ SPECTROPHOTOMETRY/  
SULFATES

4714. Ohmann E, Pihák F: Reinigung und Eigenschaften von  
Phosphoenolpyruvat-Carboxylase aus Euglena  
gracilis. Europ J Biochem 10:43-55, Aug 69 (Ger)  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BICARBONATES/ CALCIUM/  
CARBON ISOTOPES/ \*CARBOXY-LYASES/  
CARBOXY-LYASES, antagonists & inhibitors/  
CARBOXY-LYASES, isolation & purification/  
CELL-FREE SYSTEM/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ CITRATES/  
COBALT/ COPPER/ DRUG STABILITY/  
ENGLISH ABSTRACT/ \*EUGLENA,  
enzymology/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/ IRON/  
KINETICS/ KREBS CYCLE/ MAGNESIUM/  
MANGANESE/ METHODS/ NICKEL/  
OXALOACETATES/ PRECIPITATION/  
PROTAMINES/ PYRUVATES/  
RADIOAUTOGRAPHY/ TEMPERATURE/ ZINC

4715. Ohno M, Anfinsen CB: Partial enzymic deprotection in  
the synthesis of a protected octapeptide bearing a  
free terminal carboxyl group.  
J Amer Chem Soc 92:4098-102, 1 Jul 70  
BACILLUS, enzymology/ ESTERS, metabolism/  
METHODS/ \*PEPTIDE HYDROLASES/  
\*PEPTIDES, chem synthesis

4716. Ohno R, Hersh EM: The inhibition of lymphocyte  
blastogenesis by L-asparaginase.  
Blood 35:250-62, Feb 70  
ADULT/ ANTIGENS/ ASPARAGINASE,  
metabolism/ \*ASPARAGINASE,  
pharmacodynamics/ ESCHERICHIA COLI,  
enzymology/ GLUTAMINE, physiology/  
HUMAN/ LYMPHOCYTE TRANSFORMATION/  
LYMPHOCYTES, drug effects/  
\*LYMPHOCYTES, immunology/  
STREPTODORNASE AND STREPTOKINASE/  
STREPTOLYSIN/ THYMIDINE, metabolism/  
\*TISSUE CULTURE/ TRITIUM/ VACCINIA  
VIRUS, immunology

4717. Ohya T, Kaneko Y: Novel hyaluronidase from  
streptomyces.  
Biochim Biophys Acta 198:607-9, 18 Mar 70  
CHONDROITIN/ CHROMATOGRAPHY, PAPER/  
DRUG STABILITY/ HEAT/ HEPARIN/  
HYALURONIDASE, antagonists & inhibitors/  
\*HYALURONIDASE, isolation & purification/  
HYDROGEN-ION CONCENTRATION/  
\*STREPTOMYCES, enzymology



# AUTHOR SECTION

4718. Oishi M: [Studies on the coagulation and fibrinolytic activity of the human aorta. II. Coagulation and fibrinolytic activity in the aorta]  
J Jap Soc Intern Med 58:1363-75, 10 Dec 69 (Jap)  
ADULT/ AGE FACTORS/ AGED/ ANIMAL EXPERIMENTS/ \*AORTA/ ARTERIOSCLEROSIS, etiology/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS
4719. Oishi N, Hartman WA, Suzuki M, et al: Platelet adhesiveness in women using oral contraceptives.  
Hawaii Med J 29:365-7, May-Jun 70  
ADULT/ \*BLOOD PLATELETS/ \*CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PLATELET ADHESIVENESS
4720. Oivin VI, Sushkevich GN, Khnychev SS: Vliianie gidrokortizona eprilon-aminokapronovoi kisloty na techenie gemorragicheskogo sindroma pri C-vitaminnoi ndostatochnosti.  
Pat Fiziol Eksp Ter 13:51-4, Mar-Apr 69 (Rus)  
\*AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ \*ASCORBIC ACID DEFICIENCY, complications/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ \*HEMORRHAGIC DIATHESIS, drug therapy/ \*HYDROCORTISONE, therapeutic use/ MALE
4721. Oja SS, Oja H: Cerebral proteinases in the growing rat.  
J Neurochem 17:901-12, Jul 70  
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ \*BRAIN, enzymology/ BRAIN, growth & development/ CENTRIFUGATION/ CHYMOTRYPSIN, metabolism/ HYDROGEN-ION CONCENTRATION/ \*NERVE TISSUE PROTEINS, biosynthesis/ PHENYLALANINE, metabolism/ PROTEIN DENATURATION/ RATS/ SPECTROPHOTOMETRY/ TRYPSIN, metabolism/ TYROSINE, metabolism
4722. Oka S, Murata T: Theory of steady flow of blood in a tapered tube and in an assembly of branching tubes.  
Biorheology 6:246-7, Jan 70  
\*BLOOD FLOW VELOCITY/ \*BLOOD VESSELS/ BLOOD VISCOSITY/ \*MODELS, BIOLOGIC
4723. Okada S, Kurata Y, Konishi K, et al: Immunological studies of insoluble lipoproteins. 3. Characterization of the lipoprotein-bound thyroid gland-specific antigen. Int Arch Allerg 39:6-15, 1970  
ACRYLATES/ ANIMAL EXPERIMENTS/ ANTIGENS, analysis/ ELECTROPHORESIS/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ ETHYLMALIMIDE, pharmacodynamics/ GEL DIFFUSION TESTS/ GELS/ GLYOXYLATES, pharmacodynamics/ GUINEA PIGS/ HEAT/ HEMAGGLUTINATION TESTS/ HUMAN/ IMIDAZOLES, pharmacodynamics/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ \*LIPOPROTEINS/ MICROSCOPY, ELECTRON/ NEURAMINIDASE, pharmacodynamics/ ORGAN SPECIFICITY/ PEPSIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ SHEEP/ TANNINS, pharmacodynamics/ \*THYROID GLAND, immunology/ THYROIDITIS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology/ TRYPSIN, pharmacodynamics/ ULTRASONICS/ VENOMS, pharmacodynamics
4724. Okada Y, Streisinger G, Emrich J, et al: The lysozyme of a triple frame-shift mutant strain of bacteriophage T4.  
J Molec Biol 40:299-304, 14 Mar 69  
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, ION EXCHANGE/ COLIPHAGES/ \*GENETIC CODE/ \*MURAMIDASE/ \*MUTATION/ TRYPSIN
4725. Okamura H: Inhalation anesthesia for simple deep hypothermia induced by surface cooling.  
Med J Osaka Univ 20:29-79, Sep 69 (398 ref.)  
ADOLESCENCE/ ADULT/ \*ANESTHESIA, INHALATION/ ANESTHESIA, INHALATION, adverse effects/ ARRHYTHMIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD VISCOSITY/ BODY TEMPERATURE/ CHILD/ CHILD, PRESCHOOL/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ETHYL ETHER/ HEART SURGERY/ HEMATOCRIT/ HEMORRHAGE, etiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*HYPOTHERMIA, INDUCED/ HYPOTHERMIA, INDUCED, adverse effects/ METHODS/ NEURAL CONDUCTION/ OXYGEN CONSUMPTION/ PLETHYSMOGRAPHY/ REVIEW/ VENTRICULAR FIBRILLATION
4726. Okano H, Chosa H, Honma Y: [Effect of trypsin and nagarse on various Mycoplasma organisms]  
Jap J Bact 25:321-8, Jun 70 (Jap)  
BUFFERS/ ENGLISH ABSTRACT/ \*MYCOPLASMA, drug effects/ \*PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHATES/ TIME FACTORS/ \*TRYPSIN, pharmacodynamics
4727. Okino H: [Dynamic properties of the aorta]  
Jap J Clin Med 28:1493-7, May 70 (Jap)  
\*AORTA, physiology/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ ELASTICITY/ PRESSURE/ VASCULAR RESISTANCE
4728. Okonkwo P, Post R, Sise H: Absent plasma second phase platelet aggregation factor in a patient with Hageman trait.  
Thromb Diath Haemorrh 23:423-31, 30 Jun 70  
ADENINE NUCLEOTIDES, blood/ \*ADENINE NUCLEOTIDES, pharmacodynamics/ AGED/ \*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, drug effects/ CLOT RETRACTION/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FACTOR XII/ FEMALE/ HUMAN/ LIPOPROTEINS, blood/ PLATELET ADHESIVENESS, drug effects/ THROMBIN, pharmacodynamics
4729. Okuda K, Doi M, Hioka N: [A case of a hemangioendothelioma in the right upper lid extending to the orbit]  
Folia Ophthal Jap 21:341-50, Apr 70 (Jap)  
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ EYE NEOPLASMS, pathology/ \*EYELID NEOPLASMS/ FEMALE/ \*HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, occurrence/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ JAPAN/ \*ORBITAL NEOPLASMS
4730. Okulski J: The blood coagulation system in tetanus patients. Acta Med Pol 10:291-307, 1969  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*TETANUS, blood
4731. Okuma M, Steiner M, Baldini M: Studies on lipid peroxides in platelets. I. Method of assay and effect of storage. J Lab Clin Med 75:283-96, Feb 70  
BIOLOGICAL ASSAY/ BLOOD/ \*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ BLOOD PRESERVATION/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/ FREEZING/ GLUCOSE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIPIDS, biosynthesis/ \*LIPIDS, blood/ METHODS/ PEROXIDES, biosynthesis/ \*PEROXIDES, blood
4732. Okuma M, Steiner M, Baldini M: Lipid peroxidation in aging platelets. Blood 34:712-6, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, growth & development/ \*BLOOD PLATELETS, metabolism/ IMMUNE SERUMS/ IRON, metabolism/ LIPIDS, metabolism/ MALE/ PEROXIDES, metabolism/ RATS/ THROMBOPENIA/ TIME FACTORS



## AUTHOR SECTION

4733. Okuma S: [Interaction of positively charged substances with a sialoglycopeptide released from human erythrocytes by treatment with trypsin]  
J Pharm Soc Jap 90:647-50, May 70 (Jap)  
\*CARBOHYDRATES/ CHEMISTRY/ DYES/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES, analysis/ GLYCINE, blood/  
INDICATORS AND REAGENTS/ \*IONS/  
NEURAMINIC ACIDS, blood/ PEPTIDES,  
blood/ SPECTROPHOTOMETRY/ \*TRYPSIN,  
pharmacodynamics
4734. Okumura S: [Experimental study of serotonin in anaphylaxis] Jap J Allerg 19:13-21, Jan 70 (Jap)  
\*ANAPHYLAXIS, metabolism/ ANIMAL  
EXPERIMENTS/ BLOOD PLATELETS,  
metabolism/ ENGLISH ABSTRACT/ GUINEA  
PIGS/ LIVER, metabolism/ LUNG,  
metabolism/ RABBITS/ SEROTONIN, blood/  
\*SEROTONIN, metabolism
4735. O'Leary MH, Kluetz MD: Identification of the rate-limiting step in the chymotrypsin-catalyzed hydrolysis of N-acetyl-L-tryptophanamide.  
J Amer Chem Soc 92:6089-90, 7 Oct 70  
\*AMIDES, metabolism/ \*CHYMOTRYPSIN,  
metabolism/ KINETICS/  
SPECTROPHOTOMETRY/ \*TRYPTOPHAN
4736. Oleinik NI: Izmenenie lipoliticheskoi svertivayushchei aktivnosti krovi pod villaniem geparina pri gipertonicheskoi bolezni.  
Klin Med (Moskva) 47:75-9, Jul 69 (Rus)  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION FACTORS, analysis/  
ENGLISH ABSTRACT/ \*HEPARIN,  
pharmacodynamics/ HUMAN/  
HYPERTENSION, metabolism/ \*LIPIDS, blood/  
LIPIDS, metabolism
4737. Olesen J, Videbaek A: Kronisk myeloid leukaemi. Behandlingsresultater med busulfan.  
Nord Med 82:1284-90, 9 Oct 69 (Dan)  
ADULT/ AGE FACTORS/ AGED/  
AMBULATORY CARE/ BLOOD  
TRANSFUSION/ \*BUSULFAN, administration  
& dosage/ CHRONIC DISEASE/ ENGLISH  
ABSTRACT/ FEMALE/ FOLLOW-UP  
STUDIES/ HUMAN/ LEUKEMIA,  
MYELOCYTIC, complications/ \*LEUKEMIA,  
MYELOCYTIC, drug therapy/ LEUKEMIA,  
MYELOCYTIC, mortality/ MALE/ MIDDLE  
AGE/ SEX FACTORS/ SPLENOMEGALY, drug  
therapy/ THROMBOCYTOSIS, drug therapy/  
THROMBOPENIA, drug therapy/ TIME  
FACTORS
4738. Oleszkiewicz J: Wyniki badań nad zakażeniami paciorkowcowymi u 1,119 dzieci szkolnych.  
Przegl Lek 25:638-40, 1969 (Pol)  
CHILD/ ENGLISH ABSTRACT/ HUMAN/  
POLAND/ SCHOOL HEALTH/  
STREPTOCOCCAL INFECTIONS, diagnosis/  
\*STREPTOCOCCAL INFECTIONS, occurrence/  
\*STREPTODORNASE AND STREPTOKINASE,  
diagnostic use
4739. Olin P, Vecchio G, Ekholm R, et al: Human fetal thyroglobulin: characterization and in vitro biosynthesis studies. Endocrinology 86:1041-8, May 70  
BODY HEIGHT/ CENTRIFUGATION, DENSITY  
GRADIENT/ CHROMATOGRAPHY, PAPER/  
\*FETUS, metabolism/ GESTATIONAL AGE/  
HUMAN/ IN VITRO/ IODINE, metabolism/  
IODINE ISOTOPES/ IODOPROTEINS,  
biosynthesis/ LEUCINE, metabolism/ PEPTIDE  
HYDROLASES/ RADIOAUTOGRAPHY/  
\*THYROGLOBULIN, biosynthesis/  
\*THYROGLOBULIN, isolation & purification/  
THYROID GLAND, embryology/ \*THYROID  
GLAND, metabolism/ TRITIUM
4740. Oliva Otero G, Martin RS, Costa OJ: Hematoma perirenal espontáneo secundario a poliarteritis nodosa demostrada histológicamente.  
Prensa Med Argent 57:257-60, 3 Apr 70 (Spa)  
ADULT/ BIOPSY/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMATOMA/ HUMAN/ \*KIDNEY  
DISEASES, etiology/ KIDNEY DISEASES,  
pathology/ \*PERIARTERITIS NODOSA,  
complications/ PERIARTERITIS NODOSA,  
pathology
4741. Olivecrona T, Lindahl U: The occurrence of a heparin-like glycosaminoglycan in bovine milk and its possible association with lipoprotein lipase.  
Acta Chem Scand 23:3587-9, 1969  
CATTLE/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ LACTOGLOBULINS,  
analysis/ \*LIPOPROTEIN LIPASE, analysis/  
MILK, analysis/ \*MILK, enzymology/  
\*MUCOPOLYSACCHARIDES, isolation &  
purification/ URONIC ACIDS, analysis
4742. Oliveira B, Osler AG, Siraganian RP, et al: The biologic activities of guinea pig antibodies. I. Separation of gamma1 and gamma2 immunoglobulins and their participation in allergic reactions of the immediate type. J Immun 104:320-8, Feb 70  
ANIMAL EXPERIMENTS/ \*ANTIBODIES,  
isolation & purification/ ANTIGENS/ ARTHUS  
PHENOMENON, immunology/ BLOOD  
PLATELETS, immunology/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
DINITROPHENOLS/ \*GAMMA GLOBULIN,  
isolation & purification/ GUINEA PIGS/  
HISTAMINE LIBERATION/ HUMAN/  
\*HYPERSENSITIVITY, IMMEDIATE,  
immunology/ IMMUNE SERUMS, analysis/  
IMMUNIZATION SCHEDULE/  
IMMUNOELECTROPHORESIS/ PAPAINE,  
pharmacodynamics/ PASSIVE CUTANEOUS  
ANAPHYLAXIS/ PEPSIN, pharmacodynamics/  
PEPTIDES, biosynthesis/ PRECIPITIN TESTS/  
RADIOISOTOPES/ RUBIDIUM/ SERUM  
ALBUMIN/ TOXINS, biosynthesis
4743. Olivier C, Di Maria G, Rettori R, et al: Les accidents du cathétérisme artériel rétrograde percutané.  
Chirurgie 96:680-8, 1970 (Fre)  
ADULT/ ANEURYSM, etiology/  
\*ANGIOGRAPHY, adverse effects/  
\*CATHETERIZATION, adverse effects/  
EMBOLISM, etiology/ ENGLISH ABSTRACT/  
HEMATOMA, etiology/ HUMAN/ MIDDLE  
AGE/ THROMBOSIS, etiology
4744. Olivier C, Vidal B: Traitement des anéurismes artériels spontanés des membres inférieurs: principes et méthodes. J Chir (Paris) 98:32-5, Jul-Aug 69 (Fre)  
\*ANEURYSM, surgery/ ANGIOGRAPHY/  
COLLATERAL CIRCULATION/ \*FEMORAL  
ARTERY, surgery/ HEPARIN, administration  
& dosage/ HUMAN/ \*LEG, blood supply/  
\*POPLITEAL ARTERY, surgery/ SAPHENOUS  
VEIN, surgery/ SYMPATHECTOMY/  
THROMBOPHLEBITIS, complications/  
VITAMIN K, antagonists & inhibitors
4745. Olm LM, Glick DM: A comparison of anisole and formanilide binding to chymotrypsin by potentiometric difference titrimetry.  
J Biol Chem 245:814-7, 25 Feb 70  
\*ANILIDES/ BENZENE DERIVATIVES/  
BINDING SITES/ CALCIUM CHLORIDE/  
CHEMISTRY/ \*CHYMOTRYPSIN/ \*ETHERS/  
FLUORIDES/ FORMIC ACIDS/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ POTASSIUM CHLORIDE/  
POTENTIOMETRY/ UREA
4746. Olmer J, Carcassonne Y: Actualités en hématologie et carcinologie.  
Cah Coll Med Hop Paris 10:1055-8, 30 Oct 69 (Fre)  
\*BLOOD COAGULATION DISORDERS/  
\*FIBRINOLYSIS/ \*HISTOCOMPATIBILITY/  
HUMAN/ \*LEUKEMIA, LYMPHOBLASTIC,  
drug therapy/ \*LEUKEMIA, MYELOBLASTIC,  
drug therapy
4747. Olsen EG, Pitney WR: The effect of arvin on experimental pulmonary embolism in the rabbit.  
Brit J Haemat 17:425-9, Nov 69  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, therapeutic use/  
FIBRINOLYSIS/ PHAGOCYTOSIS/  
PLASMINOGEN, analysis/ PULMONARY  
ARTERY, pathology/ \*PULMONARY  
EMBOLISM, drug therapy/ PULMONARY  
EMBOLISM, pathology/ PULMONARY



# AUTHOR SECTION

- EMBOLISM, radiography/ PULMONARY VEINS, pathology/ RABBITS/ \*VENOMS, therapeutic use
4748. Olsen EG, Wellwood JM: Haemangiopericytoma of the small intestine. A report of three cases. Brit J Surg 57:66-9, Jan 70  
ADULT/ \*HEMANGIOPERICYTOMA, pathology/ HUMAN/ \*INTESTINAL NEOPLASMS, pathology/ \*INTESTINAL NEOPLASMS, radiography/ \*JEJUNUM, pathology/ MALE/ MIDDLE AGE/ POLYPS, pathology
4749. Ol'shanskiĭ ChS: Soderzhanie gliutatsiona v krovi u bol'nykh aterosklerozom pri lechenii vitaminom B 12. Vop Pitani 28:21-4, May-Jun 69 (Rus)  
\*ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, drug therapy/ BLOOD, drug effects/ CHOLESTEROL, blood/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ \*GLUTATHIONE, blood/ HUMAN/ HYPERCHOLESTEREMIA, drug therapy/ LECITHINS, blood/ LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ OXIDATION-REDUCTION/ STIMULATION, CHEMICAL/ TIME FACTORS/ VITAMIN B 12, administration & dosage/ \*VITAMIN B 12, pharmacodynamics
4750. Ol'shevskii V, St. Liaskovski: Issledovanie mukopolisakharido-trombogenicnogo mekhanizma, predispolagaiushchego k vozniknoveniiu infarkta miokarda. Ter Arkh 41:71-7, Jul 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ \*FIBRINOGEN, analysis/ HEPARIN, analysis/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ \*MUCOPOLYSACCHARIDES, blood/ MYOCARDIAL INFARCT, drug therapy/ \*MYOCARDIAL INFARCT, etiology
4751. Olson JR, Abell MR: Haemangiopericytoma of the pineal body. J Neurol Neurosurg Psychiatr 32:445-9, Oct 69  
ADULT/ CASE REPORT/ \*HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE/ MERCURY ISOTOPES/ \*PINEALOMA, pathology/ RADIOISOTOPE SCANNING
4752. Olson RE: The mode of action of vitamin K. Nutr Rev 28:171-6, Jul 70 (58 ref.)  
ANIMAL EXPERIMENTS/ BACTERIA/ CHICKENS/ COUMARINS, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DRUG ANTAGONISM/ FACTOR VII, pharmacodynamics/ PROTHROMBIN, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ RATS/ REVIEW/ \*VITAMIN K, pharmacodynamics
4753. Olson RE: Warfarin revisited. New Eng J Med 283:435-6, 20 Aug 70  
ANIMAL EXPERIMENTS/ DRUG TOLERANCE/ HUMAN/ PHARMACOGENETICS/ RATS/ RECEPTORS, DRUG/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, metabolism/ VITAMIN K, pharmacodynamics/ \*WARFARIN/ WARFARIN, antagonists & inhibitors/ WARFARIN, pharmacodynamics
4754. Olson RE, Kipfer RK, Li LF: Vitamin K-induced biosynthesis of prothrombin in the isolated perfused rat liver. Advances Enzym Regulat 7:83-94, 1969  
ANIMAL EXPERIMENTS/ IMMUNOCHEMISTRY/ IN VITRO/ LEUCINE, metabolism/ \*LIVER, metabolism/ PERFUSION/ \*PROTHROMBIN, biosynthesis/ PUROMYCIN, pharmacodynamics/ RATS/ \*VITAMIN K, pharmacodynamics
4755. Olsson, Swedenborg J, Teger-Nilsson AC: Thrombin-induced vasodilatation and hypotension in dogs: role of fibrinogen, plasma kinins, and blood cells. Cardiovasc Res 3:56-63, Jan 69  
ANIMAL EXPERIMENTS/ \*BLOOD CELLS/ \*BLOOD PRESSURE, drug effects/
- BRADYKININ, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOGS/ ENZYME ACTIVATION/ FEMORAL ARTERY/ \*FIBRINOGEN/ KALLIKREIN, pharmacodynamics/ \*KININS/ REGIONAL BLOOD FLOW/ \*THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ \*VASODILATOR AGENTS, pharmacodynamics
4756. Olsson P, Swedenborg J, Teger-Nilsson AC: The role of adenine nucleotides in the peripheral vasodilating effect of thrombin. Acta Physiol Scand 76:137-47, May-Jun 69  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ \*BLOOD VESSELS, drug effects/ DOGS/ \*ERYTHROCYTES, metabolism/ FEMORAL ARTERY/ HEMOGLOBINOMETRY/ HISTAMINE, pharmacodynamics/ HUMAN/ METHODS/ POTASSIUM, blood/ SEROTONIN, pharmacodynamics/ THROMBIN, metabolism/ \*THROMBIN, pharmacodynamics
4757. Olwin JH, Koppel JL: Anticoagulant therapy during pregnancy. A new approach. Obstet Gynec 34:847-52, Dec 69  
ACENOCOUMAROL, therapeutic use/ \*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ ESTERASES, blood/ FEMALE/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ \*THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control
4758. Omenn GS, Friedman J: Isolation of mutants of Staphylococcus aureus lacking extracellular nuclease activity. J Bact 101:921-4, Mar 70  
ACRIDINES/ AGAR/ ANTIBODIES/ COAGULASE, metabolism/ \*DEOXYRIBONUCLEASE, metabolism/ DNA/ FLUORESCENCE/ GEL DIFFUSION TESTS/ GENETICS, MICROBIAL/ GUANIDINES, pharmacodynamics/ HEMOLYSINS, metabolism/ IMMUNE SERUMS/ MUTAGENS, pharmacodynamics/ \*MUTATION/ NITROSO COMPOUNDS, pharmacodynamics/ RABBITS/ SPECTROPHOTOMETRY/ STAPHYLOCOCCUS, cytology/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, immunology/ \*STAPHYLOCOCCUS, isolation & purification/ SULFONIC ACIDS, pharmacodynamics
4759. Omenn GS, Ontjes DA, Anfinsen CB: Immunochemistry of staphylococcal nuclease. II. Inhibition and binding studies with sequence fragments. Biochemistry (Wash) 9:313-21, 20 Jan 70  
ACETIC ACIDS/ AMINO ACID SEQUENCE/ ANHYDRIDES/ ANTIGENS/ BINDING SITES/ CARBON ISOTOPES/ CHEMISTRY/ CYANIDES/ DENSITOMETRY/ \*DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ GAMMA GLOBULIN/ GEL FILTRATION/ HAPTENS/ IMMUNE SERUMS, analysis/ IODINE ISOTOPES/ KINETICS/ \*PEPTIDES/ PRECIPITIN TESTS/ RABBITS/ \*RIBONUCLEASE/ RIBONUCLEASE, antagonists & inhibitors/ STAPHYLOCOCCUS, enzymology/ TRYPSIN
4760. Omenn GS, Ontjes DA, Anfinsen CB: Immunochemistry of staphylococcal nuclease. I. Physical, enzymatic, and immunological studies of chemically modified derivatives. Biochemistry (Wash) 9:304-12, 20 Jan 70  
AMINO ACIDS, analysis/ ANTIGENS/ CHEMISTRY/ CROSS REACTIONS/ \*DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, analysis/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ FLUORESCENCE/ FLUOROACETATES/ FORMIC ACIDS/



## AUTHOR SECTION

GAMMA GLOBULIN, 7S/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IMIDAZOLES/ IMMUNE SERUMS, analysis/ NUCLEOTIDES/ OPTICAL ROTATORY DISPERSION/ PRECIPITIN TESTS/ PROTEIN DENATURATION/ RABBITS/ \*RIBONUCLEASE/ RIBONUCLEASE, analysis/ RIBONUCLEASE, antagonists & inhibitors/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ STAPHYLOCOCCUS, enzymology/ SULFIDES/ TRITIUM/ TRYPSIN/ ULTRAVIOLET RAYS

\*STAPHYLOCOCCUS, enzymology/ \*TRYPSIN, pharmacodynamics/ \*TYROSINE, metabolism

4761. Omori I, Takagi T, Yoshida M, et al: [Case of Klippel-Weber syndrome] Orthop Surg (Tokyo) 20:1319-22, Nov 69 (Jap) ANGIOGRAPHY/ \*ANGIOMATOSIS/ CHILD, PRESCHOOL/ HUMAN/ MALE

4762. Omori-Sato T, Ohsaka A: Purification and some properties of hemorrhagic principle I in the venom of *Trimeresurus flavoviridis*.

Biochim Biophys Acta 207:432-44, 23 Jun 70  
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYSTEINE/ DRUG STABILITY/ EDTA/ ELECTROPHORESIS/ FORMALDEHYDE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEAT/ \*HEMOLYSINS, isolation & purification/ HEMORRHAGE, chemically induced/ ISOELECTRIC FOCUSING/ KINETICS/ MICE/ MOLECULAR WEIGHT/ SNAKES/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION/ \*VENOMS, analysis/ VENOMS, antagonists & inhibitors/ VENOMS, toxicity

4763. Onisawa J, Lee TY: Effects of vitamins A and C on urinary excretion of acid mucopolysaccharides in the Hurler's syndrome. Paediatr Univ Tokyo 17:23-4, Jan 70  
\*ASCORBIC ACID, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ HEPARIN, urine/ HUMAN/ \*LIPOCHONDRODYSTROPHY, drug therapy/ \*MUCOPOLYSACCHARIDES, urine/ SULFATES, urine/ \*VITAMIN A, therapeutic use

4764. Onisawa J, Lee TY: Effect of prednisolone on urinary acid mucopolysaccharides excretion in genetic mucopolysaccharidoses.

Paediatr Univ Tokyo 17:15-22, Jan 70  
AMINO ACIDS, analysis/ AUTOANALYSIS/ CHILD/ CHILD, PRESCHOOL/ CHONDROITIN, urine/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ FEMALE/ HEPARIN, urine/ HUMAN/ MALE/ \*METABOLISM, INBORN ERRORS, drug therapy/ \*MUCOPOLYSACCHARIDES, urine/ \*PREDNISOLONE, therapeutic use/ SULFATES, urine

4765. Ono K, Bell P, Kashiwagi N, et al: The comparative in vitro and in vivo activity of antilymphocyte serum raised by immunization with thymic, splenic, and lymph node lymphocytes. Surgery 66:698-703, Oct 69

AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ BLOOD PLATELETS/ HEART, transplantation/ IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ LEUKOCYTE COUNT/ \*LYMPH NODES, immunology/ \*LYMPHOCYTES, immunology/ LYMPHOPENIA, etiology/ RABBITS/ RATS/ \*SPLEEN, immunology/ \*THYMUS GLAND, immunology/ TRANSPLANTATION, HOMOLOGOUS

4766. Ono M, Izumiya N: [Staphylococcal nuclease] Protein (Tokyo) 15:101-16, Feb 70 (77 ref.) (Jap)  
\*AMINO ACID SEQUENCE/ \*CALCIUM, pharmacodynamics/ \*CHEMISTRY/ \*DEOXYRIBONUCLEASE, chem synthesis/ \*DEOXYRIBONUCLEASE, isolation & purification/ MICROCOCCAL NUCLEASE, isolation & purification/ \*NUCLEOTIDASES, metabolism/ \*NUCLEOTIDES, metabolism/ REVIEW/ \*SPECTROPHOTOMETRY/ \*STAPHYLOCOCCUS, analysis/

4767. Onodera E: [Clinico-neurological study of surgical therapy of hypertensive brain hemorrhage, with special reference to the localization of hematoma and surgical indication]

Advances Neurol Sci (Tokyo) 13:647-59, Nov 69 (Jap)  
ADULT/ AGED/ \*CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ \*CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ FEMALE/ \*HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ \*HYPERTENSION, complications/ MALE/ MIDDLE AGE/ \*NEUROLOGIC EXAMINATION/ PREOPERATIVE CARE

4768. Ontjes DA, Anfinsen CB: Synthetic studies of structure-function relationships in staphylococcal nuclease. Synthetic analogues of fragment P2. J Biol Chem 244:6316-22, 10 Dec 69

AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ \*DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, analysis/ DRUG STABILITY/ ELECTROPHORESIS/ GEL FILTRATION/ GLUTAMATES/ GLUTAMINE/ METHIONINE/ METHODS/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, chem synthesis/ POLYSACCHARIDES/ \*RIBONUCLEASE/ RIBONUCLEASE, analysis/ STAPHYLOCOCCUS, enzymology/ TRYPSIN

4769. Opolon P, Cartron J, Chicot D, et al: Application du test de transformation lymphoblastique (TTL) au diagnostic de certaines hépatites médicamenteuses. Presse Med 77:2041-4, 20 Dec 69 (Fre)

ADULT/ ANTITUBERCULAR AGENTS, adverse effects/ \*DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ \*HEPATITIS, TOXIC, diagnosis/ HUMAN/ INDOMETHACIN, adverse effects/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ MALE/ PHENINDIONE, adverse effects/ THIOPROPERAZINE, adverse effects

4770. O'Reilly RA: The second reported kindred with hereditary resistance to oral anticoagulant drugs. New Eng J Med 282:1448-51, 25 Jun 70

ADULT/ \*ANTICOAGULANTS/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, metabolism/ BINDING SITES/ BISHYDROXYCOUMARIN, blood/ BLOOD COAGULATION TESTS/ \*DRUG TOLERANCE/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ \*PHARMACOGENETICS/ PHENINDIONE, blood/ PROTHROMBIN TIME/ VITAMIN K, blood/ VITAMIN K, metabolism/ WARFARIN, administration & dosage/ WARFARIN, blood/ WARFARIN, metabolism/ WARFARIN, therapeutic use

4771. O'Reilly RA, Levy G: Kinetics of the anticoagulant effect of bishydroxycoumarin in man.

Clin Pharmacol Ther 11:378-84, May-Jun 70  
ADULT/ BARBITURATES, pharmacodynamics/ \*BISHYDROXYCOUMARIN, blood/ \*BISHYDROXYCOUMARIN, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ CYCLOHEPTANES, pharmacodynamics/ ENZYME INDUCTION, drug effects/ HUMAN/ KINETICS/ MALE/ MATHEMATICS/ MIDDLE AGE/ PROTHROMBIN, biosynthesis/ PROTHROMBIN TIME/ TIME FACTORS/ WARFARIN, blood/ WARFARIN, pharmacodynamics

4772. Oren ME, Herberman RB, Rogentine GN Jr: Effect of heparin on the detection of human isoantigens by the cytotoxicity technique.

Nature (London) 225:951-2, 7 Mar 70  
\*ANTIGEN-ANTIBODY REACTIONS, drug effects/ \*HEPARIN, pharmacodynamics/ HUMAN/ \*ISOANTIGENS, classification/ LYMPHOCYTES, drug effects/ TISSUE CULTURE

4773. O'Riordan J, MacGowan W: Portable heparin injector. Lancet 2:521, 5 Sep 70



# AUTHOR SECTION

- \*HEPARIN, administration & dosage/  
\*INJECTIONS, INTRAVENOUS/ SOLUTIONS
4774. Orlikov GA, Shtofer GG: Tromboelastograficheski indeks (I)-novyi pokazatel' tromboelastogrammy. Ter Arkh 41:84-7, Aug 69 (Rus)  
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ \*THROMBELASTOGRAPHY
4775. Orlina AR, Josephson AM, McDonald BJ: The poststorage viability of glucose-6-phosphate dehydrogenase-deficient erythrocytes. J Lab Clin Med 75:930-6, Jun 70  
ADENINE, pharmacodynamics/ \*BLOOD PRESERVATION/ CITRATES, pharmacodynamics/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSE, pharmacodynamics/ \*GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, blood/ HUMAN/ IN VITRO/ MALE/ PHOSPHATES, pharmacodynamics
4776. Orlov AG: Experimental thrombosis in venous autotransplants caused by slowing of the stream and eddies of the blood flow. Cor Vasa 12:75-9 passim, 1970  
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, physiopathology/ \*BLOOD FLOW VELOCITY/ \*BLOOD VESSEL PROSTHESIS/ CONSTRICTION/ DOGS/ FEMALE/ HEPARIN, pharmacodynamics/ MALE/ \*THROMBOSIS, etiology/ TRANSPLANTATION, AUTOLOGOUS/ VENA CAVA, INFERIOR, transplantation
4777. Orlova NF: Koagulirolushchala aktivnost' krovi u bol'nykh s razlichnymi formami infarkta miokarda. Sovet Med 32:138-9, Nov 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ HUMAN/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, blood
4778. Orłowski WJ: Doświadczenia z podsiatkówkowym wszczepieniem fibryny w leczeniu odwarstwienia siatkówki. Klin Oczna 39:285-8, 1969 (Pol)  
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ \*RETINAL DETACHMENT, therapy
4779. Orme M, Breckenridge A: Induction of drug metabolizing enzymes in man. Clin Sci 39:11P, Sep 70  
ANTIPYRINE, pharmacodynamics/ CARBON ISOTOPES/ CHLORAL HYDRATE, pharmacodynamics/ \*ENZYME INDUCTION/ HUMAN/ \*MICROSOMES, metabolism/ \*WARFARIN, metabolism
4780. Ormerod WE, Parr CW, Venkatesan S, et al: Lactate dehydrogenase and trypanosomes. Trans Roy Soc Trop Med Hyg 64:176-7, 1970  
BLOOD PLATELETS, enzymology/ ELECTROPHORESIS/ \*LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ SPECTROPHOTOMETRY/ \*TRYPANOSOMA, enzymology
4781. Ornellas MR, Thuret F, Laborit H: Variations dans l'orientation des voies métaboliques dues à des altérations biochimiques et ultrastructurales provoquées par des agents pharmacologiques agissant sur l'état d'oxydo-réduction du foie de rat (Ag 310, Ag 307 et vitamine K) Aggressologie 10:265-75, May-Jun 69 (Fre)  
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ \*LIVER, drug effects/ LIVER, metabolism/ MICROSOMES, LIVER, drug effects/ MITOCHONDRIA, LIVER, drug effects/ \*MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ \*OXIDATION-REDUCTION/ RATS/ RETICULUM, drug effects/ \*VITAMIN K, pharmacodynamics
4782. Orr NW: A single-layer intestinal anastomosis. Brit J Surg 56:771-4, Oct 69  
ADHESIONS/ ANIMAL EXPERIMENTS/ CAPILLARIES/ DOGS/ HUMAN/ INTESTINE, SMALL, blood supply/ INTESTINE, SMALL, radiography/ \*INTESTINE, SMALL, surgery/ METHODS/ POSTOPERATIVE COMPLICATIONS/ PRESSURE/ SURGICAL WOUND DEHISCENCE/ \*SUTURE TECHNIQS
4783. Orrenius S, Berg A, Ernster L: Effects of trypsin on the electron transport systems of liver microsomes. Europ J Biochem 11:193-200, Nov 69  
ANIMAL EXPERIMENTS/ CYTOCHROMES/ \*ELECTRON TRANSPORT, drug effects/ GLUCOSEPHOSPHATASE/ IN VITRO/ \*LIVER, drug effects/ \*MICROSOMES, drug effects/ NAD/ NADP/ OXIDOREDUCTASES, antagonists & inhibitors/ PHOSPHATASES/ RATS/ SPECTROPHOTOMETRY/ \*TRYPSIN, pharmacodynamics
4784. Orringer E, Lewis M, Silverberg J, et al: Splenectomy in chronic thrombocytopenic purpura. J Chronic Dis 23:117-22, Aug 70  
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ CHRONIC DISEASE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ \*PURPURA, THROMBOCYTOPENIC, therapy/ RETROSPECTIVE STUDIES/ \*SPLENECTOMY/ SPLENOMEGALY, occurrence
4785. Orsoni C: L'angiographie fluorescéinique dans les tumeurs de l'uvée. Arch Ophtal (Paris) 28:831-8, Dec 68 (Fre)  
ADOLESCENCE/ ADULT/ AGED/ \*ANGIOGRAPHY/ CHOROID NEOPLASMS, etiology/ CHOROID NEOPLASMS, radiography/ \*EYE NEOPLASMS, radiography/ FEMALE/ \*FLUORESCENCE, diagnostic use/ FUNDUS OCULI/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MELANOMA, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEVUS, radiography/ \*UVEA
4786. Orth DS, Anderson AW: Polymyxin-coagulase-mannitol-agar. I. A selective isolation medium for coagulase-positive Staphylococci. Appl Microbiol 19:73-5, Jan 70  
\*AGAR/ BACTERIOLOGICAL TECHNIQS/ COAGULASE, biosynthesis/ \*CULTURE MEDIA/ FALSE POSITIVE REACTIONS/ FIBRINOLYSIS, analysis/ MANNITOL/ PLASMINOGEN, analysis/ POLYMYXIN/ RABBITS/ \*STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism
4787. Orth DS, Anderson AW, Montgomery MW: Activation of coagulase clotting by trypsin inhibitor. Appl Microbiol 18:906-10, Nov 69  
\*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, metabolism/ \*COAGULASE/ ENZYME ACTIVATION/ FIBRINOLYSIS, antagonists & inhibitors/ FREEZING/ OVALBUMIN/ PLASMINOGEN, metabolism/ RABBITS/ SOY BEANS/ STAPHYLOCOCCUS, enzymology/ \*TRYPSIN INHIBITORS, pharmacodynamics
4788. Orth GW: Rechtliche Fragen bei der Bluttransfusion. Internist (Berlin) 10:59-60, Feb 69 (Ger)  
BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ GERMANY, WEST/ HUMAN/ \*JURISPRUDENCE/ LEGISLATION, MEDICAL
4789. Orumuka Y: [Clinical studies on the changes in clotting factor before and after extracorporeal circulation] J Kumamoto Med Soc 44:497-511, 25 Jun 70 (Jap)  
ADOLESCENCE/ ADULT/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ \*BLOOD COAGULATION FACTORS, analysis/ CHILD/ CHILD, PRESCHOOL/ CYANOSIS, physiopathology/ ENGLISH ABSTRACT/ \*EXTRACORPOREAL CIRCULATION/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ TIME FACTORS
4790. Oser F, Lang RE, Vogin EE: Blood values in stump-tailed macaques (Macaca arctoides) under laboratory conditions. Lab Anim Care 20:462-6, Jun 70  
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMALS, LABORATORY/ ASPARTATE



# AUTHOR SECTION

AMINOTRANSFERASE, blood/ BASOPHILS/  
BILIRUBIN, blood/ \*BLOOD CELL COUNT/  
\*BLOOD CHEMICAL ANALYSIS/ BLOOD  
COAGULATION FACTORS/ BLOOD  
PLATELETS/ BLOOD PROTEINS, analysis/  
BLOOD SEDIMENTATION/ BLOOD SUGAR,  
analysis/ BLOOD UREA NITROGEN/  
CHOLESTEROL, blood/ CREATININE, blood/  
ELECTROLYTES, blood/ EOSINOPHILS/  
ERYTHROCYTE COUNT/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/  
LYMPHOCYTES/ \*MONKEYS/ MONOCYTES/  
PYRUVATES, blood/ RETICULOCYTES/ SEX  
FACTORS/ SULFOBROMOPHTHALEIN, blood

4791. O'Shea MJ, Flute PT: Husbandry of blood products; the clinical use of cyklokapron.

Brit J Haemat 17:612-3, Dec 69

\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ \*CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ EPISTAXIS, drug therapy/ \*HEMORRHAGE, drug therapy/ HUMAN/ MENORRHAGIA, drug therapy

4792. Oshiba S, Schoenfield LJ: Plasminogen activator in bile stimulated by sodium taurocholate in isolated hamster livers.

Proc Soc Exp Biol Med 133:89-92, Jan 70

ANIMAL EXPERIMENTS/ \*BILE, enzymology/ BILE, secretion/ \*BILE ACIDS AND SALTS, pharmacodynamics/ HAMSTERS/ \*LIVER, enzymology/ PERFUSION/ \*PLASMINOGEN, metabolism/ SECRETIN, pharmacodynamics

4793. Oshida N, Hisatomi U, Takemura M, et al: [A hemangiopericytoma of the eye lid]

Folia Ophthal Jap 21:289-72, Apr 70 (Jap)

ADOLESCENCE/ ENGLISH ABSTRACT/ \*EYELID NEOPLASMS, pathology/ \*HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE

4794. Oshima G, Iwanaga S: Occurrence of glycoproteins in various snake venoms. Toxicon 7:235-8, Nov 69

AMINO SUGARS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ \*GLYCOPROTEINS, analysis/ HEXOSAMINES, analysis/ HEXOSES, analysis/ NEURAMINIC ACIDS, analysis/ PEPTIDE HYDROLASES, analysis/ \*SNAKES/ \*VENOMS, analysis

4795. Oshima G, Sato-Ohmori T, Suzuki T: Proteinase, arginineester hydrolase and a kinin releasing enzyme in snake venoms. Toxicon 7:229-33, Nov 69

ANIMAL EXPERIMENTS/ ARGININE/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ BRADYKININ/ DOGS/ \*ESTERASES, analysis/ MALE/ \*PEPTIDE HYDROLASES, analysis/ \*SNAKES/ STIMULATION, CHEMICAL/ \*VENOMS, analysis

4796. Oshiro Y, Eylar EH: Allergic encephalomyelitis: a comparison of the encephalitogenic A1 protein from human and bovine brain.

Arch Biochem 138:606-13, Jun 70

AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*BRAIN, metabolism/ BRAIN CHEMISTRY/ CATTLE/ CYSTEINE, analysis/ ELECTROPHORESIS/ \*ENCEPHALOMYELITIS, ALLERGIC, metabolism/ HEMAGGLUTINATION INHIBITION TESTS/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, DELAYED, etiology/ MOLECULAR WEIGHT/ \*NERVE TISSUE PROTEINS, analysis/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, analysis/ TRYPSIN/ TRYPTOPHAN, analysis/ ULTRACENTRIFUGATION

4797. Oski FA, Gottlieb AJ, Miller L: The influences of heredity and environment on the red cells' function of oxygen transport. Med Clin N Amer 54:731-43, May 70

ANOXEMIA, blood/ \*BIOLOGICAL TRANSPORT/ BLOOD PRESERVATION/ \*ERYTHROCYTES, physiology/ FETAL HEMOGLOBIN, physiology/ GLUCOSEPHOSPHATE DEHY- DROGENASE

DEFICIENCY, blood/ GLYCEROPHOSPHATES, blood/ HEART DEFECTS, CONGENITAL, blood/ \*HEMOGLOBIN, physiology/ HEMOGLOBINOPATHIES, blood/ HEXOKINASE/ HUMAN/ INFANT/ INFANT, NEWBORN/ METABOLISM, INBORN ERRORS, blood/ \*OXYGEN, blood/ PYRUVATE KINASE

4798. Oski FA, Murphy S, Gardner FH: Enzyme activity in the platelets of newborn infants.

Pediatrics 45:472-3, Mar 70

ASPARTATE AMINOTRANSFERASE, analysis/ \*BLOOD PLATELETS, enzymology/ CARBOXY-LYASES, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HEXOKINASE, analysis/ HUMAN/ \*INFANT, NEWBORN/ LACTATE DEHYDROGENASE, analysis/ PHOSPHOFRUCTOKINASE, analysis/ PHOSPHOGLYCERATE KINASE, analysis/ PYRUVATE KINASE, analysis

4799. Osman HG, Abdel-Fattah AF, Abdel-Samie M, et al: Production of a milk-clotting enzyme preparation by *Aspergillus niger* and the effect of various factors on its activity. J Gen Microbiol 59:125-9, Nov 69

ACETONE/ ALCOHOL, ETHYL/ \*ASPERGILLUS, enzymology/ BUFFERS/ HYDROGEN-ION CONCENTRATION/ \*MILK/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ VISCOSITY

4800. Osman HG, Abdel-Fattah AF, Mabrouk SS: Purification and some properties of milk-clotting enzyme from *Aspergillus niger*. J Gen Microbiol 59:131-5, Nov 69

\*ASPERGILLUS, enzymology/ ELECTROPHORESIS/ GELATIN, metabolism/ HYDROGEN-ION CONCENTRATION/ \*MILK/ NEURAMINIC ACIDS, metabolism/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ VISCOSITY

4801. Ossolnig K: Der Beitrag der Echographie zur Diagnostik des Exophthalmus im Kindesalter.

Ber Deutsch Ophth Ges 69:98-104, 1969 (Ger)

CHILD/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ \*EXOPHTHALMOS, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ METHODS/ ORBITAL NEOPLASMS, diagnosis/ SARCOMA, RETICULUM CELL, diagnosis/ \*ULTRASONICS, diagnostic use

4802. Osterud B, Rapaport SI: Synthesis of intrinsic factor X activator. Inhibition of the function of formed activator by antibodies to factor VIII and to factor IX. Biochemistry (Wash) 9:1854-61, 14 Apr 70

ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD COAGULATION FACTORS, biosynthesis/ CALCIUM/ CHEMISTRY/ CITRATES/ FACTOR V/ FACTOR VII/ \*FACTOR VIII/ \*FACTOR IX/ \*FACTOR X/ HUMAN/ LIPIDS/ SODIUM CHLORIDE/ THROMBIN/ TIME FACTORS

4803. Ostrowitz A, Gardner B: Studies of bile as a suspending medium and its relationship to gallstone formation. Surgery 68:329-33, Aug 70

ANIMAL EXPERIMENTS/ \*BILE, analysis/ BILE, drug effects/ \*BILE ACIDS AND SALTS, analysis/ \*CHOLELITHIASIS, etiology/ DOGS/ FLUORENES, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ RABBITS

4804. O'Sullivan J, Mathison GE: The proteolytic system of *Microsporium canis*. J Gen Microbiol 59:v-vi, Dec 69

CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ \*MICROSPORIUM, enzymology/ \*PEPTIDE HYDROLASES, analysis

4805. O'Sullivan MB, Chiba Y, Gleich GJ, et al: Some molecular characteristics of human urinary erythropoietin determined by gel filtration and



# AUTHOR SECTION

- density-gradient ultracentrifugation.  
J Lab Clin Med 75:771-9, May 70  
BIOLOGICAL ASSAY/ BLOOD  
SEDIMENTATION/ CENTRIFUGATION,  
DENSITY GRADIENT/ CHYMOTRYPSIN,  
biosynthesis/ CYTOCHROMES/  
ERYTHROPOIETIN, isolation & purification/  
\*ERYTHROPOIETIN, urine/ GEL  
FILTRATION/ HUMAN/ IRON ISOTOPES/  
MOLECULAR WEIGHT/ OVALBUMIN/  
RIBONUCLEASE/ SERUM ALBUMIN/ SERUM  
ALBUMIN, RADIO-IODINATED/  
TRANSFERRIN
4806. Osunkoya BO, Mottram FC, Isoun MJ: Synthesis and  
fate of immunological surface receptors on cultured  
Burkitt lymphoma cells.  
Int J Cancer 4:159-65, 15 Mar 69  
\*BURKITT'S LYMPHOMA, immunology/ CELL  
LINE/ FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN/ HUMAN/ \*RECEPTORS,  
DRUG/ TISSUE CULTURE/ TRYPSIN
4807. Osychniuk VI, Panichkina VI: Sostolanie  
svertyvalushchei sistemy krovi u bol'nykh  
khronicheskoi nespetsificheskoi pnevmoniei.  
Vrach Delo 1:79-81, Jan 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION  
DISORDERS, complications/ CHRONIC  
DISEASE/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/  
PNEUMONIA, blood/ \*PNEUMONIA,  
complications
4808. Ota G, Oe K, Nishino T, et al: Primary  
rhabdomyosarcoma of the pericardium.  
Acta Path Jap 19:223-8, May 69  
ADHESIONS/ ADULT/ ASCITES/ AUTOPSY/  
BIOPSY/ DIAGNOSIS, LABORATORY/  
EDEMA/ HEART, pathology/ \*HEART  
NEOPLASMS/ HUMAN/ LIVER/ LUNG/  
LYMPH NODES/ MALE/ \*PERICARDIUM/  
PULMONARY EMBOLISM/  
\*RHABDOMYOSARCOMA
4809. Ota K: Multiple combination therapy in cancer  
chemotherapy in Japan.  
Gann 60:239-46, Jun 69 (46 ref.)  
ANTIBIOTICS, ANTINEOPLASTIC,  
administration & dosage/ \*ANTINEOPLASTIC  
AGENTS, administration & dosage/  
CHLOROQUINE, administration & dosage/  
CYCLOPHOSPHAMIDE, administration &  
dosage/ CYTARABINE, administration &  
dosage/ DRUG SYNERGISM/ FLUOROURACIL,  
administration & dosage/ HUMAN/ JAPAN/  
LEUKEMIA, drug therapy/ LYMPHOMA, drug  
therapy/ MERCAPTOPYRINE, administration &  
dosage/ MITOMYCIN,  
administration & dosage/ \*NEOPLASMS, drug  
therapy/ PHYTONADIONE, administration &  
dosage/ PODOPHYLLIN, administration &  
dosage/ PREDNISOLONE, administration &  
dosage/ REVIEW/ THIO-TEPA, administration  
& dosage/ VINCRISTINE, administration &  
dosage
4810. Otsuki K, Kajiwara N, Hatano H: Chemical  
modification of subtilisin BPN' by  
5-diazo-1-H-tetrazole.  
J Biochem (Tokyo) 68:137-43, Aug 70  
AMINO ACIDS, analysis/ AZO COMPOUNDS/  
\*AZOLES/ CHEMISTRY/ CHROMATOGRAPHY/  
ELECTROPHORESIS/ ESTERS/ FLUORIDES/  
GEL FILTRATION/ HISTIDINE, analysis/  
\*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, metabolism/  
SPECTROPHOTOMETRY/ TYROSINE, analysis
4811. Otsuki K, Liu CL, Hatano H: Inactivation of subtilisin  
BPN' by N-bromosuccinimide.  
J Biochem (Tokyo) 66:863-5, Dec 69  
AMINO ACIDS, analysis/ \*BROMINE,  
pharmacodynamics/ ELECTROPHORESIS/  
ENZYME ACTIVATION, drug effects/  
METHIONINE, metabolism/  
OXIDATION-REDUCTION/ \*PEPTIDE  
PEPTIDOHYDROLASES, metabolism/  
\*PYRROLIDINONES, pharmacodynamics/  
SPECTROPHOTOMETRY/ SUCCINATES,  
pharmacodynamics/ TRYPTOPHAN,  
metabolism/ TYROSINE, metabolism
4812. Ottaviani A, Bergomi A: Determinazione dell'attività  
fibrinolitica del parenchima tonsillare normale e  
patologico. Arch Ital Otol 79:51-61, Jan-Feb 68 (Ita)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/  
HEMORRHAGE/ HUMAN/ INFANT/ MALE/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ TONSIL, analysis/  
TONSIL, metabolism/ \*TONSILLECTOMY/  
\*TONSILLITIS, metabolism
4813. Ottaviani P, Mandelli F: Lo stato attuale delle  
conoscenze sulla sindrome emorragica costituzionale  
da difetto di fattore stabilizzante fibrinico.  
Minerva Med 60:4964-7, 8 Dec 69 (Ita)  
\*FACTOR VIII/ \*HEMORRHAGE, etiology/  
HUMAN/ \*VON WILLEBRAND'S DISEASE,  
etiology
4814. Otten J, Delange F, Ardichvili D, et al: Evolution  
prolongée d'un syndrome associant: neutropénie,  
thrombopénie et anémie hémolytique alternées,  
splénomégale et adénopathies multiples.  
Arch Franc Pediat 27:445, Apr 70 (Fre)  
ADOLESCENCE/ AGRANULOCYTOSIS,  
complications/ ANEMIA, HEMOLYTIC,  
complications/ CASE REPORT/ CORTISONE,  
therapeutic use/ \*HEMATOLOGIC DISEASES,  
complications/ HUMAN/  
IMMUNOSUPPRESSIVE AGENTS, therapeutic  
use/ \*LYMPHATIC DISEASES, complications/  
MALE/ SPLENECTOMY/ SPLENOMEGALY,  
complications/ THROMBOPENIA, complications
4815. Otteni JC, Kohler JJ, Gillet M: Présentation d'un  
technique d'hypothermie gastrique modérée lavage  
direct de l'estomac par le liquide réfrigérant.  
Ann Chir 23:1355-9, Dec 69 (Fre)  
ENGLISH ABSTRACT/ \*GASTRIC  
HYPOTHERMIA/ \*GASTRIC LAVAGE/  
\*HEMORRHAGE, GASTROINTESTINAL,  
therapy/ HEMOSTATICS, therapeutic use/  
HUMAN/ METHODS
4816. Ottesen M, Rickert W: The isolation and partial  
characterization of an acid protease produced by  
Mucor miebel. C R Lab Carlsberg 37:301-25, 1970  
CHROMATOGRAPHY/ CULTURE MEDIA/  
ELECTROPHORESIS/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/ \*MUCOR,  
enzymology/ PEPTIDE HYDROLASES,  
analysis/ \*PEPTIDE HYDROLASES, isolation &  
purification
4817. Otto-Servais M, Hugues J: Le "cryoprécipité", fraction  
plasmatique riche en globuline antihémophilique  
(facteur VIII). Son utilisation dans le traitement de  
l'hémophilie. Rev Med Liege 24:401-7, 15 May 69 (Fre)  
CRYOGLOBULINS, administration & dosage/  
\*CRYOGLOBULINS, therapeutic use/  
\*FACTOR VIII, therapeutic use/  
\*HEMOPHILIA, drug therapy/ HUMAN
4818. Ottolander GJ den, Craandijk A: Traitement de la  
thrombose de la veine centrale de la rétine par les  
anticoagulants ou par les thrombolytiques.  
Phlebologie 23:73-4, Jan-Mar 70 (Fre)  
\*ANTICOAGULANTS, therapeutic use/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HUMAN/ \*RETINAL VESSELS/  
\*THROMBOPHLEBITIS, drug therapy
4819. Ousterhout DK, Johnston EH, Leonard F: Topical  
treatment of minipig split thickness skin graft donor  
sites using 2-cyanoacrylate homologues.  
J Surg Res 10:213-9, May 70  
\*ACRYLATES, administration & dosage/  
ANIMAL EXPERIMENTS/ HEMOSTASIS/  
OCCLUSIVE DRESSINGS/ \*SKIN,  
drug effects/ SKIN, transplantation/ SPECIES  
SPECIFICITY/ SWINE/ \*TISSUE ADHESIVES,  
administration & dosage/ TISSUE DONORS/  
WOUND HEALING/ WOUNDS AND INJURIES,  
drug therapy



## AUTHOR SECTION

4820. Owen CA Jr, Oels HC, Bowie EJ, et al: Chronic intravascular coagulation (IFC) syndrome. Thromb Diath Haemorrh 36:Suppl 36:197+, 1969  
\*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/ CHROMIUM ISOTOPES/ CHRONIC DISEASE/ FIBRINOGEN, metabolism/ HEMANGIOMA, blood/ HEMOGLOBINURIA, PAROXYSMAL, blood/ HUMAN/ IODINE ISOTOPES/ LIVER DISEASES, blood/ NEOPLASMS, blood/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ THROMBOPENIA, etiology
4821. Owen CA Jr, Tyce GM, Flock EV, et al: Heparin-ascorbic acid antagonism. Mayo Clin Proc 45:140-5, Feb 70  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, antagonists & inhibitors/ ASCORBIC ACID, antagonists & inhibitors/ \*ASCORBIC ACID, pharmacodynamics/ DOGS/ HEPARIN, pharmacodynamics/ \*HEPARIN ANTAGONISTS, pharmacodynamics/ SPECTRUM ANALYSIS
4822. Ozawa H, Ichikawa H: [Studies on inhibitors of cholesterol biosynthesis. II. Effects of benzoquinone and naphthoquinone derivatives on the incorporation of acetate-1-14C into cholesterol in rat liver homogenates] J Pharm Soc Jap 90:480-5, Apr 70 (Jap)  
\*ACETATES, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ \*CHOLESTEROL, biosynthesis/ CYSTEINE, pharmacodynamics/ ENGLISH ABSTRACT/ IN VITRO/ \*LIVER, metabolism/ MALE/ \*NAPHTHOQUINONES, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ \*QUINONES, pharmacodynamics/ RATS/ VITAMIN K, pharmacodynamics
4823. Orge-Anwar AH: Slow activation of factor VIII by thrombin and other enzymes at low temperature. Scand J Haemat 7:5-9, 1970  
COLD/ ENZYME ACTIVATION/ \*FACTOR VIII, metabolism/ FACTOR XIII, metabolism/ FIBRINOLYSIS, metabolism/ HEMODIALYSIS/ PANCREATOPEPTIDASE, metabolism/ PAPAINE, metabolism/ SNAKES/ \*THROMBIN/ \*VENOMS
4824. Ozols J, Strittmatter P: Correction of the amino acid sequence of calf liver microsomal cytochrome b5. J Biol Chem 244:6617-8, 25 Dec 69  
AMINO ACID SEQUENCE/ \*AMINO ACIDS/ AMINO ACIDS, analysis/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ \*CYTOCHROMES/ CYTOCHROMES, analysis/ MALEATES/ \*MICROSOMES, LIVER/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ TRYPSIN
4825. Ozsoylu S, Yamak B: Congenital deficiency of factor XIII. Turk J Pediat 11:45-50, Apr 69  
\*BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION TESTS/ \*FACTOR XIII/ \*HEMORRHAGIC DIATHESIS, congenital/ HUMAN/ INFANT/ MALE
- P
4826. Paar D, Fonk I, Cohnen G, et al: Gerinnungsuntersuchungen während der immunisierenden Phase von Leptospirose-Infektionen mit hämorrhagischer Verlaufsform. Deutsch Med Wschr 95:954-8, 24 Apr 70 (Ger)  
ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, etiology/ FACTOR V, analysis/ FIBRINOGEN, analysis/ HUMAN/ MALE/ \*WEIL'S DISEASE, blood/ WEIL'S DISEASE, complications/ WEIL'S DISEASE, immunology/ WEIL'S DISEASE, mortality
4827. Paccalin J: L'hémophilie. Rev Odontostomat Midi France 27:90-101, 1969 (Fre)  
\*HEMOPHILIA/ \*HEMORRHAGE, ORAL, prevention & control/ HUMAN
4828. Paccalin J: Les grandes diathèses hémorragiques. Rev Odontostomat Midi France 27:58-74, 1969 (Fre)  
ANTICOAGULANTS/ BLOOD COAGULATION/ \*HEMORRHAGE, ORAL, prevention & control/
- \*HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, classification/ HEMOSTATICS/ TOOTH EXTRACTION
4829. Packer AD, Fozzard JA, Woollam DH: The effect of Synkavit on the teratogenic activity of x radiation; a preliminary report. Brit J Radiol 43:36-9, Jan 70  
\*ABNORMALITIES, etiology/ ANIMAL EXPERIMENTS/ FEMALE/ FORELIMB/ HEMORRHAGE, etiology/ HINDLIMB/ INJECTIONS, INTRAPERITONEAL/ MICE/ PREGNANCY/ \*RADIATION INJURY, EXPERIMENTAL/ \*RADIATION-SENSITIZING AGENTS, pharmacodynamics/ \*VITAMIN K, pharmacodynamics
4830. Packham MA, Ardile NG, Mustard JF: Effect of adenine compounds on platelet aggregation. Amer J Physiol 217:1009-17, Oct 69  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ EDTA, pharmacodynamics/ NUCLEOSIDES, pharmacodynamics/ RABBITS/ STIMULATION, CHEMICAL/ SWINE
4831. Pagano JS, McCutchan JH: Enhancement of viral infectivity with DEAE-dextran: application to development of vaccines. Progr Immunobiol Stand 3:152-8, 1969  
ANIMAL EXPERIMENTS/ CELL LINE/ \*DEXTRAN, pharmacodynamics/ \*DNA, VIRAL/ \*ETHYLAMINES, pharmacodynamics/ HEPARIN, pharmacodynamics/ KIDNEY/ MOLECULAR WEIGHT/ MONKEYS/ PHENOLS, pharmacodynamics/ POLIOVIRUS, immunology/ \*RNA, VIRAL/ SV40 VIRUS, immunology/ TISSUE CULTURE/ \*VIRAL VACCINES/ VIRUS REPLICATION/ \*VIRUSES, pathogenicity
4832. Page IH, Lewis LA: A long-time study of the blood lipids of two students of atherosclerosis. Circulation 40:915-8, Nov 69  
AGE FACTORS/ AGED/ ARTERIOSCLEROSIS, etiology/ BODY WEIGHT/ \*CHOLESTEROL, blood/ CLOFIBRATE, therapeutic use/ DIET, ATHEROGENIC/ DIET THERAPY/ EXERTION/ FEMALE/ HUMAN/ INFLUENZA, complications/ \*LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ SEX FACTORS/ TIME FACTORS
4833. Page JG: The effect of desmethylimipramine and theophylline on plasma free fatty acids and blood glucose in rats. Pharmacology (Basel) 3:6-14, 1970  
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD SUGAR, analysis/ \*DESIPRAMINE, pharmacodynamics/ FASTING/ \*FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, pharmacodynamics/ LIPASE, antagonists & inhibitors/ LIPASE, metabolism/ LIPOPROTEINS, metabolism/ MALE/ NOREPINEPHRINE, pharmacodynamics/ NUTRITION/ RATS/ RESERPINE, pharmacodynamics/ \*THEOPHYLLINE, pharmacodynamics
4834. Palk WK, Kim S: Comparison of the acetylation of proteins and nucleic acids. Biochem J 116:611-5, Feb 70  
\*ACETIC ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DEOXYRIBONUCLEASE, metabolism/ FROGS/ GLUTATHIONE, pharmacodynamics/ IN VITRO/ LIVER, metabolism/ \*NUCLEIC ACIDS, metabolism/ \*PROTEINS, metabolism/ RATS/ RIBONUCLEASE, metabolism/ SOLUBILITY/ SULFURIC ACIDS/ TRYPSIN
4835. Palk WK, Lee HW: Enzymatic hydrolysis of histones in rat kidney microsomes. Biochem Biophys Res Commun 38:333-40, 23 Jan 70  
ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ GEL FILTRATION/ GLOBULINS, metabolism/ \*HISTONES, metabolism/ HYDROGEN-ION CONCENTRATION/ \*KIDNEY, enzymology/ \*MICROSOMES, enzymology/ ORGAN SPECIFICITY/ \*PEPTIDE HYDROLASES/



# AUTHOR SECTION

- PROTAMINES, metabolism/ RATS/  
RIBONUCLEASE, metabolism
4836. Pallas JE, Berard M, Sedan R, et al: The relative importance of atheroma in the clinical course of arteriovenous angioma of the brain. *Progr Brain Res* 30:419-25, 1968  
ADULT/ AGE FACTORS/  
\*ARTERIOSCLEROSIS, complications/  
\*ARTERIOVENOUS FISTULA, complications/  
ARTERIOVENOUS FISTULA, pathology/  
\*BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, pathology/ EPILEPSY, complications/ \*HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ MIGRAINE, complications
4837. Pain RH, Robson B: Analysis of the code relating sequence to secondary structure in proteins. *Nature (London)* 227:62-3, 4 Jul 70  
\*AMINO ACID SEQUENCE/  
CARBOXYPEPTIDASES, analysis/ CATTLE/  
CETACEA/ CHYMOTRYPSIN, analysis/  
\*COMPUTERS/ CYCLOSTOMES/ CYPRINIDAE/  
EGG WHITE/ HEMOGLOBIN, analysis/  
HORSES/ MURAMIDASE, analysis/  
MYOGLOBIN, analysis/ PAPAIN, analysis/  
PEPTIDE PEPTIDOHYDROLASES, analysis/  
\*PROTEINS, analysis/ RIBONUCLEASE, analysis
4838. Painter RH, Minta JO: Stability of immune serum globulin during storage: effects of modifications in the fractionation scheme. *Vox Sang* 17:434-44, Nov 69  
ANTIBODIES, analysis/ \*BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ \*GAMMA GLOBULIN/ GAMMA GLOBULIN, analysis/ GEL FILTRATION/ GELS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ MEASLES, immunology/ NEUTRALIZATION TESTS/ POLIOVIRUS/ STARCH/ TETANUS ANTITOXIN/ ULTRACENTRIFUGATION
4839. Pajot P, Groudinsky O: Molecular weight and quaternary structure of yeast L-lactate dehydrogenase (cytochrome b2). 2. Revised heme extinction coefficients and minimal molecular weight. *Europ J Biochem* 12:158-64, Jan 70  
CHEMISTRY/ COMPARATIVE STUDY/ CYANIDES/ \*CYTOCHROMES/ FORMIC ACIDS/ GEL FILTRATION/ \*HEME/ HEME, analysis/ HORSES/ IRON, analysis/ \*LACTATE DEHYDROGENASE/ LACTATE DEHYDROGENASE, analysis/ METHODS/ MOLECULAR WEIGHT/ MYOCARDIUM/ MYOGLOBIN/ OXIDATION-REDUCTION/ PYRIDINES/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ TRYPSIN
4840. Palacios-Macedo X, Díaz-Devis C, Escudero J: Fetal risk with the use of coumarin anticoagulant agents in pregnant patients with intracardiac ball valve prosthesis. *Amer J Cardiol* 24:853-6, Dec 69  
FEMALE/ FETAL DEATH, etiology/ \*FETUS, drug effects/ \*HEART VALVE PROSTHESIS/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ PLACENTA, pathology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ \*WARFARIN, therapeutic use
4841. Palester-Chlebowczyk M, Robakiewicz M, Kamiński Z: Zagadnienie koagulopatii ze zużycia w świetle własnej obserwacji. *Pol Tyg Lek* 25:381-3, Mar 70 (Pol)  
ADOLESCENCE/ \*BLOOD COAGULATION DISORDERS/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*MONGOLISM, complications/ TUBERCULOSIS IN CHILDHOOD, complications
4842. Palleschi A, Palleschi M, Carignola W: La terapia vitaminica: condiderazioni sugli effetti collaterali e loro trattamento. *Clin Ter* 51:577-86, 31 Dec 69 (Ita)  
ANIMAL EXPERIMENTS/ HUMAN/ VITAMIN A, adverse effects/ VITAMIN B COMPLEX, adverse effects/ VITAMIN D, adverse effects/ VITAMIN E, adverse effects/ VITAMIN K, adverse effects/ \*VITAMINS, adverse effects
4843. Palmer G, Sheppard M: Klippel-Trenaunay syndrome in Vietnam. *Med J Aust* 2:1212-3, 13 Dec 69  
ADULT/ \*ANGIOMATOSIS, occurrence/ ANGIOMATOSIS, pathology/ CASE REPORT/ FEMALE/ HUMAN/ LEG, blood supply/ VARICOSE VEINS, complications/ VARICOSE VEINS, etiology/ VIETNAM
4844. Palmer R: Laparoscopy in diagnosis and treatment of endometriosis and pelvic adhesions. *Nederl T Verlosk* 70:293-6, Aug 70  
ABDOMEN/ ADHESIONS/ \*ENDOMETRIOSIS, diagnosis/ ENDOMETRIOSIS, therapy/ \*ENDOSCOPY/ FEMALE/ \*GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC DISEASES, therapy/ HUMAN
4845. Palmer SF, Trainer DO: Serologic evidence of Newcastle disease virus in Canada geese. *Avian Dis* 14:494-502, Aug 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ BONE MARROW, microbiology/ BRAIN, microbiology/ CANADA/ CHICKENS/ ERYTHROCYTES/ FEMALE/ FEMUR, microbiology/ \*GESE/ HEMAGGLUTINATION INHIBITION TESTS/ ILLINOIS/ LIVER, microbiology/ MALE/ NEUTRALIZATION TESTS/ NEWCASTLE DISEASE, immunology/ \*NEWCASTLE DISEASE, microbiology/ \*NEWCASTLE DISEASE VIRUS, isolation & purification/ SPLEEN, microbiology/ TRYPSIN/ WISCONSIN
4846. Palo J, Salfer A: The amino acid composition of gray matter ganglioside-peptides of normal human and Tay-Sachs brains. *Clin Chim Acta* 27:481-90, Mar 70  
ALANINE, analysis/ \*AMAUROTIC FAMILIAL IDIOTCY, metabolism/ \*AMINO ACIDS, analysis/ ASPARTIC ACID, analysis/ \*BRAIN CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTINE, analysis/ \*GANGLIOSIDES, analysis/ GLYCINE, analysis/ HUMAN/ ISOLEUCINE, analysis/ LEUCINE, analysis/ METHIONINE, analysis/ \*PEPTIDES, analysis/ THREONINE, analysis/ TRYPSIN/ TYROSINE, analysis/ VALINE, analysis
4847. Pálos AL, Sas G: A haemorrhagiás diathesisek diagnosztikája I. *Orv Hetil* 111:5-11, 4 Jan 70 (Hun)  
BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ \*HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN
4848. Palumbo E, Benvenuto G, Marcacci M: Variazioni del tasso delle piastrine e dei globuli bianchi in conigli trattati con 9- $\alpha$ -fluoro-16 beta-metil prednisolone fosfato disodico, con protezione antibiotica mediante penicillina g sodica. *Boll Soc Ital Biol Sper* 44:1991-4, 15 Dec 68 (Ita)  
ANIMAL EXPERIMENTS/ \*BETAMETHASONE, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ \*LEUKOCYTES, drug effects/ \*PENICILLIN G, pharmacodynamics/ RABBITS
4849. Panayotopoulos S, Charissiadis E, Panayotopoulos E: Klinische Beobachtungen bei medikamentöser Behandlung der Venenerkrankungen der unteren Extremitäten. *Med Mschr* 23:556-8, Dec 69 (Ger)  
ADULT/ AESCULUS/ AGED/ CHOLINE, therapeutic use/ EDEMA, drug therapy/ FEMALE/ GLYCERIDES, therapeutic use/ HUMAN/ \*LEG/ MALE/ MIDDLE AGE/ \*PHOSPHOLIPIDS, therapeutic use/ PHOSPHORIC ACIDS, therapeutic use/ \*RUTIN, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ VARICOSE VEINS, drug therapy/ \*VASCULAR DISEASES, drug therapy/ \*VEINS
4850. Panchenko VM: Fibrinoliticheskaia aktivnost' mochi (urokinaza) u bol'nykh s narusheniem venechnogo krovoobrashchenia. *Klin Med (Moskva)* 47:52-5, Jul 69 (Rus)  
AGED/ ANTICOAGULANTS, therapeutic use/ \*CORONARY DISEASE, urine/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ \*FIBRINOLYTIC AGENTS, urine/ HEPARIN, diagnostic use/ HUMAN/ MIDDLE AGE



# AUTHOR SECTION

4851. Panchenko VM: Soderzhanie fibrinostabiliziruyushchego faktora krovi u bol'nykh revmatizmom.  
Vop Revm 8:56-8, Oct-Dec 68 (Rus)  
ADOLESCENCE/ ADULT/ ENGLISH  
ABSTRACT/ \*FACTOR XIII, analysis/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
\*RHEUMATIC FEVER, blood
4852. Pande SV, Blanchaer MC: Preferential loss of ATP-dependent long-chain fatty acid activating enzyme in mitochondria prepared using Nagarse.  
Biochim Biophys Acta 202:43-8, 10 Feb 70  
ACYLTRANSFERASES/ ADENOSINE  
TRIPHOSPHATE/ ANIMAL EXPERIMENTS/  
CARBON ISOTOPES/ CARNITINE/ CELL  
MEMBRANE, enzymology/ \*LIGASES/  
\*MITOCHONDRIA, MUSCLE, enzymology/  
MONOAMINE OXIDASE/ PALMITIC ACID/  
PEPTIDE HYDROLASES/ RABBITS
4853. Panellus M, Myllylä G, Penttinen K, et al: Platelet aggregation test with measles antigen in multiple sclerosis. Brit Med J 1:461-2, 23 May 70  
\*ANTIBODIES, analysis/ ANTIGEN-ANTIBODY  
REACTIONS/ \*BLOOD PLATELETS/ FACTOR  
ANALYSIS, STATISTICAL/  
\*HEMAGGLUTINATION TESTS/ HUMAN/  
\*MEASLES, immunology/ MEASLES VIRUS,  
immunology/ \*MULTIPLE SCLEROSIS,  
immunology/ PLATELET ADHESIVENESS/  
VARICELLA-ZOSTER VIRUS, immunology
4854. Paneth M: Surgical treatment of massive pulmonary embolism. Trans Med Soc London 85:27-31, 1969  
HEPARIN, administration & dosage/ HUMAN/  
METARAMINOL, therapeutic use/  
PULMONARY ARTERY, radiography/  
PULMONARY EMBOLISM, diagnosis/  
PULMONARY EMBOLISM, drug therapy/  
PULMONARY EMBOLISM, mortality/  
PULMONARY EMBOLISM, radiography/  
\*PULMONARY EMBOLISM, surgery
4855. Paneth M: Surgical management of massive pulmonary embolism. Brit Med J 2:778-9, 27 Jun 70  
ANTICOAGULANTS, therapeutic use/  
EXTRACORPOREAL CIRCULATION/ HUMAN/  
INTUBATION, INTRATRACHEAL/  
METARAMINOL/ POSTOPERATIVE CARE/  
PULMONARY EMBOLISM, drug therapy/  
\*PULMONARY EMBOLISM, surgery
4856. Panichkina VI: Sostoiannie sistemy svertyvaniya krovi i rezistentnosti sosudistoi stenki v rannem periode infarkta miokarda. Vrach Delo 10:144-5, Oct 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/  
\*CAPILLARY RESISTANCE, drug effects/  
HUMAN/ MIDDLE AGE/ \*MYOCARDIAL  
INFARCT/ MYOCARDIAL INFARCT, blood/  
MYOCARDIAL INFARCT, physiopathology
4857. Pannwitz S: Zum serologischen Nachweis von Brucellenantikörpern in Heparinblutproben von Rindern. Mh Veterinaermed 24:624-6, 15 Aug 69 (Ger)  
AGGLUTINATION TESTS/ ANIMAL  
EXPERIMENTS/ \*ANTIBODIES, isolation &  
purification/ \*BRUCELLA, BOVINE,  
diagnosis/ CATTLE/ COMPLEMENT  
FIXATION TESTS/ ENGLISH ABSTRACT/  
\*HEPARIN
4858. Paolaggi JA: Complication insolite du traitement anticoagulant.  
Cah Coll Med Hop Paris 8:917-8, Sep 67 (Fre)  
\*HEMATOMA, chemically induced/ HUMAN/  
MALE/ MIDDLE AGE/ \*PROTHROMBIN,  
adverse effects/ \*SPLENIC DISEASES,  
chemically induced
4859. Paoli A, Marty G: Synéchies utérines traumatiques. Aménorrhée prolongée. Traitement par l'opération de Musset.  
Bull Fed Gynec Obstet Franc 22:110-1, Jan-Mar 70 (Fre)  
ABORTION, CRIMINAL/ ADHESIONS,  
etiology/ ADULT/ AMENORRHEA, etiology/  
\*CURETTAGE, adverse effects/ FEMALE/  
HUMAN/ \*UTERUS, injuries/ UTERUS,  
surgery
4860. Papa CM, Carter DM, Kilgman AM: The effect of autotransplantation on the progression or reversibility of aging in human skin.  
J Invest Derm 54:200-12, Mar 70  
ABDOMEN/ AGED/ AGING/ BIOPSY/  
FEMALE/ FOREARM/ HEMANGIOMA,  
surgery/ HUMAN/ LENTIGO, surgery/ MALE/  
MIDDLE AGE/ PIGMENTATION/ SKIN,  
cytology/ \*SKIN, physiology/ \*SKIN,  
transplantation/ TIME FACTORS/  
\*TRANSPLANTATION, AUTOLOGOUS
4861. Papa S, Lofrumento NE, Meijer AJ, et al: Effect of uncouplers on anion transport in rat liver mitochondria. Biochem J 116:38P-39P, Feb 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
TRANSPORT, drug effects/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
CITRATES, metabolism/ DINITROPHENOLS,  
pharmacodynamics/ KETOGLUTARIC ACID,  
metabolism/ MALATES, metabolism/  
\*MITOCHONDRIA, LIVER, metabolism/  
\*OXIDATIVE PHOSPHORYLATION, drug  
effects/ PHOSPHATES, metabolism/ RATS/  
UNCOUPLING AGENTS, pharmacodynamics
4862. Papagni L: Diagnosi differenziale delle opacità rotondeggianti isolate del polmone.  
Minerva Med 61:2156-79, 16 May 70 (Ita)  
ANEURYSM, radiography/ ARTERIOVENOUS  
FISTULA, radiography/ BRONCHOGRAPHY/  
\*COIN LESION, PULMONARY, radiography/  
CYSTS, radiography/ DIAGNOSIS,  
DIFFERENTIAL/ ECHINOCOCCOSIS,  
PULMONARY, radiography/ GRANULOMA,  
radiography/ HEMATOMA, radiography/  
HUMAN/ \*LUNG DISEASES, radiography/  
\*LUNG NEOPLASMS, radiography/ THORACIC  
RADIOGRAPHY/ TOMOGRAPHY/  
TUBERCULOMA, radiography
4863. Papalan LP, Beznosikov BO: Izuchenie osobennostei gemostaza u zhenshchin-konduktorov gemofilii.  
Probl Gemat 13:24-9, Jan 68 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ \*BLOOD PLATELETS/ CHILD/  
CHILD, PRESCHOOL/ \*CHRISTMAS DISEASE,  
familial & genetic/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMOPHILIA, familial & genetic/  
\*HEMOSTASIS/ HUMAN/ MIDDLE AGE
4864. Papasoglou O, Giakoustidis E, Antoniadis A, et al: Die röntgenologische Venenkontrastdarstellung zur Diagnose der Venenthrombose und die Bewertung der Ergebnisse einer thrombolytischen Therapie.  
Med Welt 41:2238-42, 11 Oct 69 (Ger)  
ANTICOAGULANTS, therapeutic use/  
CONTRAST MEDIA/ DIAGNOSIS,  
DIFFERENTIAL/ FEMORAL VEIN,  
radiography/ HUMAN/ ILIAC VEIN,  
radiography/ METHODS/ \*PHLEBOGRAPHY/  
PHLEBOGRAPHY, instrumentation/  
POPLITEAL VEIN, radiography/  
THROMBOPHLEBITIS, drug therapy/  
\*THROMBOPHLEBITIS, radiography/ VENA  
CAVA, INFERIOR, radiography
4865. Papayannis AG, Israëls MC: Glanzmann's disease and trait. Lancet 2:44, 4 Jul 70  
ADOLESCENCE/ BLOOD COAGULATION  
TESTS/ \*BLOOD PLATELET DISORDERS,  
familial & genetic/ FEMALE/ GENES,  
RECESSIVE/ HEMORRHAGE, familial &  
genetic/ HUMAN/ MALE/ PEDIGREE/  
PLATELET ADHESIVENESS/ \*PURPURA,  
THROMBOPENIC, familial & genetic
4866. Papilian M: Coagularea intravasculară diseminată.  
Stud Cercet Med Intern 10:209-21, 1969 (70 ref.) (Rum)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS/ BLOOD  
PLATELET DISORDERS/ FIBRINOGEN,  
metabolism/ FIBRINOLYSIS/ HUMAN/  
NEOPLASMS, complications/  
RETICULOENDOTHELIOSIS, complications/  
REVIEW/ VASOMOTOR SYSTEM,  
physiopathology



## AUTHOR SECTION

4867. **Papilian M:** Modificările coagulării și ale hemostazelor induse de medicamente de larg consum.  
Stud Cercet Med Intern 11:181-93, 1970 (Rum)  
\*ANTIHYPERTENSIVE AGENTS, adverse effects/ \*ANTI-INFLAMMATORY AGENTS, adverse effects/ ASPIRIN, adverse effects/ \*AUTONOMIC DRUGS, adverse effects/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION DISORDERS, chemically induced/ ENGLISH ABSTRACT/ \*ESTROGENS, adverse effects/ HEMORRHAGE, chemically induced/ HUMAN/ \*HYPNOTICS AND SEDATIVES, adverse effects/ PROGESTATIONAL HORMONES, adverse effects/ SYMPATHOLYTICS, adverse effects/ SYMPATHOMIMETICS, adverse effects
4868. **Papilian M, Niță I:** Studiul disfibrinogenemiei cistigat. I. Importanța studiului comparativ a două metode de dozare a fibrinogenului pentru punerea în evidență a disfibrinogenemiei.  
Stud Cercet Med Intern 10:525-35, 1969 (Rum)  
\*AFIBRINOGENEMIA, diagnosis/ \*BLOOD COAGULATION DISORDERS, diagnosis/ ENGLISH ABSTRACT/ \*FIBRINOGEN, analysis/ HODGKIN'S DISEASE, blood/ HUMAN/ METHODS
4869. **Papilian M, Velican C, Leahu S:** Influența extractelor de aortă asupra coagulării și fibrinolizei singelui.  
Stud Cercet Med Intern 10:431-8, 1969 (Rum)  
\*AORTA/ \*BLOOD COAGULATION, drug effects/ \*FIBRINOLYSIS, drug effects/ HODGKIN'S DISEASE, blood/ HUMAN/ THROMBELASTOGRAPHY/ TIME FACTORS/ \*TISSUE EXTRACTS, pharmacodynamics
4870. **Papkov H, Gan J:** Bovine interstitial cell-stimulating hormone: purification and properties.  
Arch Biochem 136:522-8, Feb 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CARBOHYDRATES, analysis/ CATTLE/ CHEMISTRY/ COUNTERCURRENT DISTRIBUTION/ ELECTROPHORESIS, DISK/ FEMALE/ FSH, analysis/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYPOPHYSECTOMY/ \*LH, isolation & purification/ LH, pharmacodynamics/ MALE/ MOLECULAR WEIGHT/ OVARY, drug effects/ PEPTIDES, analysis/ PROSTATE, drug effects/ RATS/ SHEEP/ TRYPSIN/ ULTRACENTRIFUGATION
4871. **Papla B, Krzyżanowski W, Feliksik C:** Przypadek wieloogniskowego śródbłonaka naczyniowego kości podudzia i stopy u 25-letniego mężczyzny.  
Pat Pol 20:261-5, Apr-Jun 69 (Pol)  
ADULT/ \*BONE NEOPLASMS, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ FOOT, pathology/ \*HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ LEG, pathology/ MALE
4872. **Papp M, Fodor I, Németh E, et al:** Vascularis tényezők jelentősége az akut kísérletes pancreatitisben; terápiás kísérlet.  
Orv Hetil 111:259-63, 1 Feb 70 (Hun)  
AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ CYTOCHROMES, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*PANCREAS, blood supply/ \*PANCREATITIS, drug therapy/ PANCREATITIS, mortality/ RATS
4873. **Paquet KJ, Popov S, Egli H:** Richtlinien und Ergebnisse der konsequenten fibrinolytischen Therapie der Phlegmasia caerulea dolens.  
Deutsch Med Wschr 95:903-4, 17 Apr 70 (Ger)  
ADULT/ AGED/ BLOOD COAGULATION TESTS/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, blood/ \*THROMBOPHLEBITIS, drug therapy
4874. **Paquot JP:** L'agenda des indications chirurgicales de la première enfance.  
Rev Med Liege 24:421-30, 15 May 69 (Fre)
- ABNORMALITIES, surgery/ AGE FACTORS/ CLEFT LIP, surgery/ CLUBFOOT, surgery/ DIAPHRAGMATIC HERNIA, surgery/ HEMANGIOMA, surgery/ HIP DISLOCATION, CONGENITAL, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ NEVUS, surgery/ \*SURGERY, OPERATIVE/ UMBILICAL HERNIA, surgery/ UROGENITAL SYSTEM, abnormalities
4875. **Paraf A, Benozio M, Molimard R:** Etude de l'action d'une protéase de la papaine sur la régénération hépatique expérimentale.  
Path Biol (Paris) 18:421-3, Apr 70 (Fre)  
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ ENGLISH ABSTRACT/ HEPATECTOMY/ \*LIVER REGENERATION, drug effects/ MALE/ \*MITOSIS, drug effects/ ORGAN WEIGHT/ PAIN, pharmacodynamics/ PEPTIDE HYDROLASES, administration & dosage/ \*PEPTIDE HYDROLASES, pharmacodynamics/ RATS
4876. **Paranskaja ZhA:** Opyt profilakticheskogo lecheniya bol'nykh s khronicheskoi koronarnoi nedostatochnost'iu u usloviakh poliklinik.  
Klin Med (Moskva) 48:109-12, Apr 70 (Rus)  
AMBULATORY CARE/ ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ \*CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE
4877. **Pardanani DS, Roy C, Sen PK:** Heparin rebound. A clinical study in cases of open heart surgery under cardiopulmonary bypass.  
J Postgrad Med 16:26-32, Jan 70  
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ \*HEART SURGERY/ HEMORRHAGE, etiology/ \*HEPARIN/ HEPARIN, analysis/ HUMAN/ MALE/ \*POSTOPERATIVE COMPLICATIONS, etiology/ PROTAMINES, therapeutic use
4878. **Parenti F, Brawerman G, Preston JF, et al:** Isolation of nuclei from *Euglena gracilis*.  
Biochim Biophys Acta 195:234-43, 19 Nov 69  
ANIMAL EXPERIMENTS/ BUFFERS/ \*CELL NUCLEUS/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ DNA, metabolism/ \*EUGLENA, cytology/ EUGLENA, growth & development/ EUGLENA, metabolism/ FREEZING/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM/ METHODS/ MICROSCOPY, PHASE CONTRAST/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PRESSURE/ RNA, metabolism/ SUCROSE/ SURFACE-ACTIVE AGENTS/ TEMPERATURE
4879. **Parés J, Drobnic L, Margarit M, et al:** Propriétés physico-chimiques et étude pharmacologique et toxicologique de l'hydrodextrane-sulfate potassique.  
Therapie 24:1071-87, Nov-Dec 69 (Fre)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ ANTILIPEMIC AGENTS, pharmacodynamics/ CHICK EMBRYO/ DEXTRAN, administration & dosage/ \*DEXTRAN, pharmacodynamics/ \*DEXTRAN, toxicity/ ENGLISH ABSTRACT/ GUINEA PIGS/ LIPIDS, antagonists & inhibitors/ LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ MICE/ RABBITS
4880. **Parisi AF, Vallee BL:** Isolation of a zinc alpha-2-macroglobulin from human serum.  
Biochemistry (Wash) 9:2421-6, 9 Jun 70  
CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ ESTERASES/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ \*MACROGLOBULINS, isolation & purification/ METALS, analysis/ SPECTRUM ANALYSIS/ TRYPSIN/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION/ ZINC
4881. **Park WC, Rhillips R:** The role of radiation therapy in the management of hemangiomas of the liver.  
JAMA 212:1496-8, 1 Jun 70  
AGED/ FEMALE/ \*HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/



## AUTHOR SECTION

- HUMAN/ INFANT/ \*LIVER NEOPLASMS,  
radiotherapy/ LIVER NEOPLASMS, surgery/  
MALE/ MIDDLE AGE
4882. Parkes JD, Kidner PH: Perileal nerve and root lesions developing as a result of haematoma formation during anticoagulant treatment.  
Postgrad Med J 46:146-8, Mar 70  
ADULT/ AGED/ \*ANTICOAGULANTS, adverse effects/ FEMALE/ \*HEMATOMA, chemically induced/ HEMATOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ \*PERIPHERAL NERVE DISEASES, etiology
4883. Parma A, Visentini E: Raro caso di fibromixangioma dello stomaco.  
Acta Chir Ital 25:499-571, Jul-Aug 69 (Ita)  
AGED/ \*FIBROMA/ \*HEMANGIOMA/ HUMAN/ MALE/ \*MYXOMA/ \*STOMACH NEOPLASMS
4884. Parmentier C, Schlenger M, Chevalier C, et al: Chronic lymphocytic leukaemia treatment by splenic irradiation. Brit J Haemat 17:407, Oct 69  
AGRANULOCYTOSIS, radiotherapy/ EXTRACORPOREAL CIRCULATION/ HUMAN/ \*LEUKEMIA, LYMPHOCYTIC, radiotherapy/ LYMPHOCYTES, radiation effects/ NEOPLASM CIRCULATING CELLS/ RADIOOTHERAPY DOSAGE/ \*SPLEEN, radiation effects/ THROMBOPENIA, radiotherapy
4885. Parodi A, Avanzi G: L'importanza del rene nell'omeostasi coagulo-fibrinolitica. Terapia preventiva delle complicanze trombo-emboliche.  
Clin Ter 51:453-64, Dec 69 (Ita)  
\*ANTICOAGULANTS, therapeutic use/ ASPARTATE AMINOTRANSFERASE, blood/ \*BLOOD COAGULATION/ BLOOD PROTEINS, analysis/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, urine/ \*HOMEOSTASIS/ HUMAN/ \*KIDNEY, physiology/ \*KIDNEY DISEASES, complications
4886. Parquet-Gernez A, Bauters F: Cryoprécipités riches en facteur VIII. Etude in vitro et in vivo.  
Rev Franc Transfus 12:439-50, Dec 69 (Fre)  
BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ COLD/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, isolation & purification/ \*FACTOR VIII, therapeutic use/ FIBRINOGEN, analysis/ HEMARTHROSIS, drug therapy/ HEMATURIA, drug therapy/ HEMATURIA, etiology/ HEMOPHILIA, complications/ \*HEMOPHILIA, drug therapy/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ PLATELET ADHESIVENESS, drug effects/ PRECIPITATION/ \*VON WILLEBRAND'S DISEASE, drug therapy
4887. Parreira F, Ducla Soares A: Aspects actuels du concept de thrombocytopathie.  
Cah Coll Med Hop Paris 10:1183-90, 30 Nov 69 (Fre)  
ANTICOAGULANTS, adverse effects/ \*BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PROTEIN DISORDERS/ HUMAN/ KIDNEY FAILURE, CHRONIC/ LIVER DISEASES
4888. Parreira F, Ducla Soares A: Attuali aspetti del concetto di trombocitopenia.  
Minerva Med 60:5319-27, 26 Dec 69 (Ita)  
ANTICOAGULANTS, adverse effects/ \*BLOOD COAGULATION DISORDERS, congenital/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PROTEIN DISORDERS, complications/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ LEUKEMIA, complications/ LIVER DISEASES, complications/ PLASMACYTOMA, complications/ \*THROMBOPENIA, etiology/ UREMIA, complications
4889. Parreira F, Ducla-Soares A: Atiologische Aspekte der Thrombozytopathie.  
Munchen Med Wschr 111:2640-6, 19 Dec 69 (Ger)  
BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, chemically induced/ BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, diagnosis/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PROTEIN DISORDERS, complications/ ENGLISH ABSTRACT/ HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ LEUKEMIA, complications/ LIVER DISEASES, complications/ SALICYLATES, adverse effects/ UREMIA, complications
4890. Parreira F, Nunes V: Posibilidades y limitaciones del método tromboelastográfico.  
Sangre (Barc) 14:385-98, 1969 (Spa)  
\*THROMBELASTOGRAPHY
4891. Parry C: Haemolytic-uraemic syndrome; nursing care study. Nurs Times 66:811-3, 25 Jun 70  
\*ANEMIA, HEMOLYTIC, complications/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ \*KIDNEY FAILURE, ACUTE, complications/ \*THROMBOPENIA, complications
4892. Parsa I, Marsh WH, Fitzgerald PJ: Chemically defined medium for organ culture differentiation of rat pancreas anlage. Exp Cell Res 59:171-5, Jan 70  
AMYLASE, metabolism/ CARBON ISOTOPES/ \*CELL DIFFERENTIATION/ CHROMATOGRAPHY/ CHYMOTRYPSIN, metabolism/ \*CULTURE MEDIA/ LIPASE, metabolism/ MICROSCOPY, ELECTRON/ ORGAN CULTURE/ PANCREAS, enzymology/ \*PANCREAS, growth & development/ RATS/ \*TISSUE CULTURE
4893. Parsa I, Marsh WH, Fitzgerald PJ: Pancreas acinar cell differentiation. 3. Importance of methionine in differentiation of pancreas anlage in organ culture.  
Amer J Path 59:1-22, Apr 70  
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ \*CELL DIFFERENTIATION/ CELL NUCLEUS, metabolism/ CHYMOTRYPSIN, metabolism/ DNA, biosynthesis/ FEMALE/ GESTATIONAL AGE/ LIPASE, metabolism/ \*METHIONINE, metabolism/ MICROSCOPY, ELECTRON/ MORPHOGENESIS/ ORGAN CULTURE/ PANCREAS, cytology/ \*PANCREAS, embryology/ PANCREAS, enzymology/ PREGNANCY/ RATS/ RNA, metabolism/ \*TISSUE CULTURE
4894. Parsa I, Marsh WH, Fitzgerald PJ: Pancreas acinar cell differentiation. I. Morphologic and enzymatic comparisons of embryonic rat pancreas anlage grown in organ culture. Amer J Path 57:457-87, Dec 69  
ANIMAL EXPERIMENTS/ \*CELL DIFFERENTIATION/ CHYMOTRYPSIN, analysis/ LIPASE, analysis/ MICROSCOPY/ MICROSCOPY, ELECTRON/ ORGAN CULTURE/ PANCREAS, cytology/ \*PANCREAS, embryology/ PANCREAS, enzymology/ RATS/ \*TISSUE CULTURE
4895. Parsons RS, Heddle RW, Flux WG, et al: Studies on the blood of the Tasmanian devil.  
Comp Biochem Physiol 32:345-51, 15 Jan 70  
ACID PHOSPHATASE, blood/ ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ \*BLOOD/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD GROUPS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ ENZYMES, blood/ FEMALE/ GAMMA GLOBULIN, analysis/ HEMOGLOBIN, analysis/ HYDROGEN-ION CONCENTRATION/ LACTATION/ MALE/ \*MARSUPIALIA/ SPECIES SPECIFICITY/ UREA, blood
4896. Parwaresch MR, Petersen A: Der Einfluss von Histamin und fettreicher Diät auf die Anzahl der Gewebasmastzellen der Ratte.  
Virchow Arch [Zellpath] 4:137-47, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*DIET, ATHEROGENIC/ DIETARY FATS, metabolism/ ENGLISH ABSTRACT/ \*HISTAMINE, pharmacodynamics/ HYPERLIPEMIA,



# AUTHOR SECTION

- metabolism/ \*MAST CELLS, drug effects/  
MESENTERY, cytology/ MYOCARDIUM,  
cytology/ RATS/ SKIN, cytology
4897. Pashchenko AE, Fabri ZI: Funktsional'na aktivnist'  
shchytovydoi zalozy ta vmist SH-I S-S-grupp krovi  
zalezno vid rinvia alimentarnoi kholesterynemil u  
kroliiv. Ukr Biokhim Zh 41:406-10, 1989 (Ukr)  
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/  
\*CHOLESTEROL, blood/ DIET,  
ATHEROGENIC/ DIETARY FATS/ ENGLISH  
ABSTRACT/ IODINE/ PROTEIN BINDING/  
RABBITS/ \*SULFHYDRYL COMPOUNDS,  
blood/ \*SULFIDES, blood/ \*THYROID GLAND,  
physiology/ THYROID HORMONES,  
biosynthesis
4898. Pashkina TS, Iarovaia GA, Laufer AI, et al:  
Soderzhanie i aktivnost' osnovnykh komponentov  
kininovoï sistemy v syvorotke krovi bol'nykh  
revmatizmom.  
Vop Med Khim 16:152-61, Mar-Apr 70 (Rus)  
ENGLISH ABSTRACT/ ENZYME  
PRECURSORS, blood/ ESTERASES, blood/  
HUMAN/ KALLIKREIN, blood/ \*KININS,  
blood/ MALE/ PEPTIDE  
PEPTIDOHYDROLASES, blood/  
\*RHEUMATISM, blood/ TRYPSIN  
INHIBITORS, blood
4899. Pasotti C, Marchesani F, Coppi M: Azione dell'acido  
ellagico sul tempo ed intensità di emorragia del ratto  
irradiato. Minerva Med 60:4954-8, 8 Dec 69 (Ita)  
ANIMAL EXPERIMENTS/ \*BENZOPYRANS,  
pharmacodynamics/ \*BLOOD COAGULATION,  
drug effects/ \*HEMORRHAGE/ \*RADIATION  
EFFECTS/ RATS
4900. Passas H: Essai clinique d'un nouvel eutrophique  
vasculaire en phlébologie.  
Phlebologie 22:219-24, Apr-Jun 69 (Fre)  
ADULT/ AGED/ CICATRIX/ FEMALE/  
\*FLAVONES, therapeutic use/ HEMATOMA,  
drug therapy/ HUMAN/ LEG ULCER, drug  
therapy/ MALE/ MIDDLE AGE/ NECROSIS/  
PHLEBITIS, drug therapy/ PREGNANCY/  
THROMBOPHLEBITIS, drug therapy/  
VARICOSE VEINS, drug therapy/ \*VASCULAR  
DISEASES, drug therapy/ WOUND HEALING
4901. Passerini A, Milani F, Palmia C: La beta-terapia degli  
angiommi cutanei.  
Radiol Med (Torino) 55:870-8, Sep 69 (Ita)  
CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMANGIOMA,  
radiotherapy/ HUMAN/ INFANT/ MALE/  
\*RADIUM, therapeutic use/ \*SKIN  
NEOPLASMS, radiotherapy/ \*STRONTIUM  
ISOTOPES, therapeutic use/ \*YTTRIUM  
ISOTOPES, therapeutic use
4902. Pastorova VE, Bortnik AT: Izmenenie nekotorykh  
funktsional'nykh svoistv trombotsitov u zhivotnykh  
posle splenektomii.  
Probl Gemat 13:39-42, Apr 68 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, physiology/ CELL  
AGGREGATION/ ENGLISH ABSTRACT/  
FEMALE/ MALE/ RATS/ \*SPLENECTOMY
4903. Pastorova VE, Kikteva LK: Vliianie antiplazmina na  
afibrinogenemiiu, vyzvannuiu vnutrivennym  
vvedeniem ida glurzy.  
Biull Eksp Biol Med 68:42-5, Dec 69 (Rus)  
AFIBRINOGENEMIA, chemically induced/  
\*AFIBRINOGENEMIA, drug therapy/  
AFIBRINOGENEMIA, prevention & control/  
ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ ENGLISH ABSTRACT/ FEMALE/ MALE/  
RATS/ \*VENOMS, administration & dosage
4904. Pastorova VE, Kudriashov BA: Dinamika obrazovaniia i  
neitralizatsii tromblina v krovenosnoi rusi e posle  
viutrivennykh iniekttsii tkanevogo tromboplastina.  
Probl Gemat 13:16-21, Jun 68 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ FEMALE/ \*FIBRINOLYSIS, drug  
effects/ INJECTIONS, INTRAVENOUS/ MALE/
- RATS/ \*THROMBIN/ \*THROMBOPLASTIN,  
administration & dosage
4905. Pathak PN: Extranasopharyngeal juvenile  
angiofibroma--a case report.  
J Laryng 84:449-51, Apr 70  
ADOLESCENCE/ \*ANGIOMA, SCLEROSING,  
diagnosis/ ANGIOMA, SCLEROSING,  
pathology/ ANGIOMA, SCLEROSING, surgery/  
HUMAN/ MALE/ \*MAXILLARY SINUS,  
pathology/ \*PARANASAL SINUS NEOPLASMS,  
diagnosis/ PARANASAL SINUS NEOPLASMS,  
surgery
4906. Patkowski J, Halawa B, Gieldanowski J: Badania nad  
aktywnością proteolityczną surowicy i odczynem  
blastycznym po allotransplantacji skóry u królików.  
Acta Physiol Pol 20:639-48, Jul-Aug 69 (Pol)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ FEMALE/ \*LYMPH NODES,  
enzymology/ MALE/ \*PEPTIDE HYDROLASES,  
blood/ RABBITS/ \*SKIN, transplantation/  
TRANSPLANTATION, AUTOLOGOUS/  
TRANSPLANTATION, HOMOLOGOUS/  
\*TRANSPLANTATION IMMUNOLOGY
4907. Patriarche GJ, Lingane JJ: Electrochemical  
characteristics of 2-methyl-1,4-naphthoquinone  
(vitamin K3). A coulometric micromethod of  
determination. Anal Chim Acta 49:241-6, Feb 70  
CERIUM/ ELECTROCHEMISTRY/ METHODS/  
MICROCHEMISTRY/ POLAROGRAPHY/  
POTENTIOMETRY/ \*VITAMIN K, analysis
4908. Patrushev VI: Nekotorye pokazateli svertyvalushchei  
fibrinoliticheskoi sistem krovi pri khronicheskoi  
pnevmonii. Ter Arkh 41:61-4, 1969 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/  
MIDDLE AGE/ \*PNEUMONIA, blood/  
PNEUMONIA, physiopathology
4909. Patterson RA, Lee IS: Effects of Heloderma suspectum  
venom on blood coagulation. Toxicon 7:321-4, Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ CATS/  
HUMAN/ \*LIZARDS/ PROTHROMBIN TIME/  
RABBITS/ \*VENOMS, pharmacodynamics
4910. Paucker K, Berman BJ, Golgher RR, et al: Purification,  
characterization, and attempts at isotopic labeling  
mouse interferon. J Virol 5:145-52, Feb 70  
ACRYLATES/ AMNION/ CELL LINE/  
CENTRIFUGATION, DENSITY GRADIENT/  
CESIUM/ CHICK EMBRYO/ CHLORIDES/  
CHROMATOGRAPHY/ DEOXYRIBONUCLEAS/  
metabolism/ ELECTROPHORESIS/ GEL  
FILTRATION/ GELS/ HUMAN/  
INTERFERON/ INTERFERON, biosynthesis/  
INTERFERON, isolation & purification/ L  
CELLS/ MICE/ NEWCASTLE DISEASE  
VIRUS, metabolism/ NEWCASTLE DISEASE  
VIRUS, pathogenicity/ NEWCASTLE DISEASE  
VIRUS, radiation effects/ PEPTIDE  
HYDROLASES, metabolism/ PROTEINS,  
biosynthesis/ RIBONUCLEASE, metabolism/  
SPECTROPHOTOMETRY/ TRITIUM/  
ULTRAVIOLET RAYS/ VESICULAR  
STOMATITIS VIRUS, metabolism/ VESICULAR  
STOMATITIS VIRUS, pathogenicity/  
VESICULAR STOMATITIS VIRUS, radiation  
effects
4911. Paul WE: Determinant specificity of cellular immu-  
responses. Fed Proc 29:224-5, Jan-Feb 70  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ ANTIBODIES/  
\*ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS/ DINITROPHENOLS/ DNA,  
biosynthesis/ FREUND'S ADJUVANT/ GUIN-  
PIGS/ HAPTENS/ LYMPH NODES,  
immunology/ \*LYMPHOCYTES, immunology/  
PLANT AGGLUTININS, pharmacodynamics/  
PRECIPITIN TESTS/ PROTEIN BINDING/  
SULFONES, pharmacodynamics/ THYMIDINE  
metabolism/ TISSUE CULTURE/ TRITIUM
4912. Paul WE, Siskind GW: Hapten specificity of cell  
immune responses as compared with the specificity



# AUTHOR SECTION

- serum anti-hapten antibody.  
Immunology 18:921-30, Jun 70  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ \*ANTIBODIES/ ANTIBODY  
SPECIFICITY/ BINDING SITES/ DNA,  
biosynthesis/ GUINEA PIGS/ \*HAPTENS/  
\*IMMUNITY/ IMMUNITY, CELLULAR/  
\*LYMPH NODES, immunology/ LYMPH  
NODES, metabolism/ NITROBENZENES/  
PHENOLS/ SERUM ALBUMIN/ SULFONIC  
ACIDS/ TOLUENE
4913. Paul WE, Yoshida T, Benacerraf B: Genetic control of the specificity of anti-DNP antibodies. II. Differences in the specificity of anti-DNP antibody produced by several inbred strains of mice.  
J Immun 105:314-21, Aug 70  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ ANTI-ANTIBODIES/  
\*ANTIBODIES, analysis/ ANTIBODY  
SPECIFICITY/ ANTIGEN-ANTIBODY  
REACTIONS/ ANTIGENS/ BENICE JONES  
PROTEIN/ \*DINITROPHENOLS/ GAMMA  
GLOBULIN/ GENETICS, BIOCHEMICAL/  
HAPTENS/ HEMOCYANIN/ IMMUNE  
SERUMS/ IMMUNIZATION SCHEDULE/  
LYSINE/ MICE/ NITROBENZENES/ \*SPECIES  
SPECIFICITY/ TRITIUM
4914. Pauley SM, Cockett AT: Role of lipids in decompression sickness. Aerospace Med 41:56-60, Jan 70  
\*AVIATION MEDICINE/ \*DECOMPRESSION  
SICKNESS, etiology/ DECOMPRESSION  
SICKNESS, physiopathology/ DECOMPRESSION  
SICKNESS, therapy/ DEXTRAN, administration  
& dosage/ \*EMBOLISM, FAT, complications/  
EMBOLISM, FAT, physiopathology/  
EMBOLISM, FAT, therapy/  
GLUCOCORTICOIDS, administration & dosage/  
HEPARIN, administration & dosage/ HUMAN/  
NITROGEN/ PLASMA SUBSTITUTES,  
administration & dosage
4915. Paulsen K, Reinhardt M: Nil nocere: Die Stetatablockade und ihre Gefahren.  
Munchen Med Wschr 112:817-23, 1 May 70 (Ger)  
\*AUTONOMIC NERVE BLOCK,  
adverse effects/ BLOOD COAGULATION  
DISORDERS, drug therapy/ BLOOD  
COAGULATION DISORDERS, therapy/ DRUG  
HYPERSENSITIVITY, etiology/ ENGLISH  
ABSTRACT/ ESOPHAGUS/ GANGLIONIC  
BLOCKADERS, adverse effects/ GANGLIONIC  
BLOCKADERS, therapeutic use/ HEAD/  
HUMAN/ METHODS/ NECK/ PLEURAL  
DISEASES, etiology/ PNEUMOTHORAX,  
etiology/ PROCAINE, administration & dosage/  
PROCAINE, adverse effects/ PUNCTURES/  
PUNCTURES, adverse effects/ \*STELLATE  
GANGLION/ TRACHEA
4916. Paulsen MM, Wouterlood AC, Scheffers HL: Purification of the antihemophilic factor by gel filtration on agarose.  
Thromb Diath Haemorrh 22:577-83, 31 Dec 69  
AGAR/ ASCORBIC ACID, blood/ BLOOD  
PROTEINS, analysis/ CHOLESTEROL, blood/  
CHROMATOGRAPHY/ \*FACTOR VIII, isolation  
& purification/ FUCOSE, blood/ \*GEL  
FILTRATION/ HEXOSAMINES, blood/  
HEXOSES, blood/ HUMAN/ LIPIDS, blood/  
NEURAMINIC ACIDS, blood/ NITROGEN,  
blood/ PHOSPHOLIPIDS, blood/ SULFATES,  
blood/ SULFUR, blood
4917. Paulus JM: DNA metabolism and development of organelles in guinea-pig megakaryocytes: a combined ultrastructural, autoradiographic and cytophotometric study. Blood 35:298-311, Mar 70  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, growth & development/ BONE  
MARROW EXAMINATION/ CELL NUCLEUS/  
CYTOPLASM/ DNA, analysis/ \*DNA,  
metabolism/ GUINEA PIGS/  
HISTOCYTOCHEMISTRY/  
\*MEGAKARYOCYTES, cytology/ MICROSCOPY,  
ELECTRON/ MITOSIS/ \*ORGANOIDS/  
PHOTOMETRY/ POLYPLOIDY/  
RADIOAUTOGRAPHY
- SPECTROPHOTOMETRY/ THYMIDINE,  
metabolism/ TRITIUM
4918. Paulus JM, Fillet G, Thompson KH, et al: Interpretation mathématique de l'étude de la durée de vie des plaquettes marquées au chrome radio-actif. Nouv Rev Franc Hemat 9:886-8, Nov-Dec 69 (Fre)  
\*BLOOD PLATELETS, physiology/  
\*CHROMIUM ISOTOPES/ HUMAN/  
MATHEMATICS
4919. Păunescu-Podeanu A, Buligescu L, Beroniade V: L'heparine dans le traitement du syndrome néphrotique. Therapeutique 46:571-5, May 70 (Fre)  
ADOLESCENCE/ ADULT/ DIURESIS, drug  
effects/ EDEMA, drug therapy/ FEMALE/  
\*HEPARIN, therapeutic use/ HUMAN/ MALE/  
MIDDLE AGE/ \*NEPHROTIC SYNDROME,  
drug therapy
4920. Păunescu-Podeanu A, Costescu M, Demirian H: Trombocit și ateroscleroză.  
Stud Cercet Med Intern 10:469-79, 1969 (106 ref.)  
(Rum)  
\*ARTERIOSCLEROSIS, etiology/ \*BLOOD  
PLATELET DISORDERS, complications/  
ENGLISH ABSTRACT/ HUMAN/ REVIEW
4921. Pavels S: Tentative identification of arginine vasotocin in human cerebrospinal fluid.  
J Clin Endocr 31:369-71, Oct 70  
ADOLESCENCE/ ADULT/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL ASSAY/  
BLADDER, drug effects/ DIURESIS, drug  
effects/ FEMALE/ FROGS/ MALE/ MUSCLE,  
SMOOTH, drug effects/ \*PEPTIDES,  
cerebrospinal fluid/ PEPTIDES,  
pharmacodynamics/ \*PITUITARY HORMONES,  
POSTERIOR, cerebrospinal fluid/ PITUITARY  
HORMONES, POSTERIOR, pharmacodynamics/  
RATS/ STIMULATION, CHEMICAL/  
TRYPSIN/ UTERUS, drug effects/  
VASOTOCIN, cerebrospinal fluid/ VASOTOCIN,  
pharmacodynamics
4922. Pavlishchuk SA, Grigor'ev GI: O vzaimosvlyazi morfologi i adgezii trombocitov u bol'nykh infarktom miokarda. Lab Delo 8:465-8, 1969 (Rus)  
\*BLOOD PLATELETS/ HUMAN/  
\*MYOCARDIAL INFARCT, blood/ PLATELET  
ADHESIVENESS
4923. Pawelec J, Rucicidlo L, Grubek H: Schwartzman activity of endotuberculin preparations isolated from the cells of BCG substrains. Acta Microbiol Pol [B] 2:31-40, 1970  
AGAR/ ANIMAL EXPERIMENTS/ BACTERIAL  
PROTEINS, analysis/ DIALYSIS/ DNA,  
BACTERIAL, analysis/ ELECTROPHORESIS/  
ENDOTOXINS, analysis/ ENDOTOXINS,  
isolation & purification/ \*ENDOTOXINS,  
pharmacodynamics/ FILTRATION/ GEL  
DIFFUSION TESTS/ GELS/ INJECTIONS,  
INTRADERMAL/ MYCOBACTERIUM BOVIS,  
analysis/ \*MYCOBACTERIUM BOVIS,  
immunology/ PHOSPHORUS, analysis/  
POLYSACCHARIDES, BACTERIAL, analysis/  
RABBITS/ RNA, BACTERIAL, analysis/  
\*SCHWARTZMAN PHENOMENON, etiology/  
ULTRACENTRIFUGATION
4924. Pawletz N: Desmosomen in der Gewebekultur von Tumorzellen.  
Naturwissenschaften 56:517-8, Oct 69 (Ger)  
CELL MEMBRANE/ \*HELA CELLS, cytology/  
HUMAN/ IN VITRO/ MICROSCOPY,  
ELECTRON/ PINOCYTOSIS/ TRYPSIN
4925. Pawlak AL, Kozłowska F: Swiss type hereditary persistence of foetal haemoglobin in a case of acquired haemolytic anaemia.  
Acta Haemat (Basel) 43:184-91, 1970  
ADULT/ \*ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, blood/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, drug therapy/  
ANTICOAGULANTS, therapeutic use/  
BILIRUBIN, blood/ BLOOD TRANSFUSION/  
CAUCASIAN RACE/ CHROMIUM ISOTOPES/  
COOMBS' TEST/ ELECTROPHORESIS/  
ERYTHROCYTES, analysis/ ERYTHROCYTES,  
enzymology/ ERYTHROCYTES, metabolism/



# AUTHOR SECTION

- FEMALE/ \*FETAL HEMOGLOBIN/ FETAL HEMOGLOBIN, analysis/ GELS/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ \*HEMOGLOBINOPATHIES, familial & genetic/ HEPARIN, therapeutic use/ HUMAN/ LIVER, metabolism/ LUNG DISEASES, etiology/ OSMOTIC FRAGILITY/ POSTOPERATIVE COMPLICATIONS/ PREDNISON, therapeutic use/ PYRUVATE KINASE, blood/ RETICULOCYTES/ SPLEEN, metabolism/ SPLENECTOMY/ STARCH
4926. Pawlotsky Y, Kerbaol M, Simon M, et al: La vitesse de sédimentation maximum héparine 35. Etude statistique. *Path Biol (Paris)* 18:49-58, Jan 70 (Fre)  
\*BLOOD SEDIMENTATION/ CITRATES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FACTOR ANALYSIS, STATISTICAL/ HEMATOCRIT/ \*HEPARIN/ HUMAN/ METHODS
4927. Pawlotsky Y, Le Carreres D, Gouffault J, et al: L'étude de la vitesse de sédimentation maximum héparine 35 dans les affections cardio-vasculaires. *Arch Mal Coeur* 62:1155-67, Aug 69 (Fre)  
\*BLOOD SEDIMENTATION/ \*ENDOCARDITIS, BACTERIAL, blood/ ENGLISH ABSTRACT/ \*HEPARIN, diagnostic use/ HUMAN/ \*MYOCARDIAL INFARCT, blood/ \*RHEUMATIC HEART DISEASE, blood
4928. Payne JW, Jakes R, Hartley BS: The primary structure of alamethicin. *Biochem J* 117:757-66, May 70  
ACTION POTENTIALS/ AMINO ACID SEQUENCE/ \*ANTIBIOTICS/ ANTIBIOTICS, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ CHEMISTRY/ ELECTROPHORESIS/ GLUTAMINE, analysis/ MODELS, STRUCTURAL/ PEPTIDE HYDROLASES/ PEPTIDES
4929. Payne PR: Glanzmann's thrombasthenia and pregnancy. *Proc Roy Soc Med* 63:56-7, Jan 70  
ADULT/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ FEMALE/ HEMORRHAGE/ HUMAN/ INFANT, NEWBORN, DISEASES/ LABOR/ PLATELET ADHESIVENESS/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC/ \*PURPURA, THROMBOPENIC, familial & genetic
4930. Paysant M, Bitran M, Etienne J, et al: Phospholipase A du plasma sanguin de rat. Cinétique et propriétés. Existence d'un précurseur inactif. *Bull Soc Chim Biol (Paris)* 51:863-73, Oct 69 (Fre)  
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ CALCIUM/ DRUG STABILITY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS, analysis/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PHOSPHOLIPASE, antagonists & inhibitors/ \*PHOSPHOLIPASE, blood/ PHOSPHORUS ISOTOPES/ PRECIPITATION/ PROTEIN DENATURATION/ RATS/ SERUM ALBUMIN/ SODIUM CHLORIDE/ TRYPSIN
4931. Paz RA, Elijovich F, Barcat JA, et al: Fatal simultaneous thrombocytopenic purpura in siblings. *Brit Med J* 4:727-8, 20 Dec 69  
ADULT/ AUTOPSY/ BRAIN, pathology/ FEMALE/ HUMAN/ KIDNEY, pathology/ MYOCARDIUM, pathology/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ \*PURPURA, THROMBOTIC THROMBOPENIC, familial & genetic/ PURPURA, THROMBOTIC THROMBOPENIC, pathology
4932. Pazdiora A, Serbus C: Příspěvek k lipolytické aktivitě stafylokoků. *Cesk Epidem* 19:94-8, Mar 70 (Cze)  
ANIMAL EXPERIMENTS/ COAGULASE, metabolism/ ENGLISH ABSTRACT/ HUMAN/ \*LIPASE, metabolism/ \*LIPIDS, metabolism/ RABBITS/ \*STAPHYLOCOCCUS, enzymology
4933. Pazdur J: Der Einfluss der bei Polyarthritiden angewandten Medikamente auf die Funktion der Thrombozyten. *Folia Haemat (Leipzig)* 92:477-84, 1969 (Ger)  
ADENINE NUCLEOTIDES/ AORTA/ \*ARTHRITIS, drug therapy/ ASPIRIN, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ CHLOROQUINE, therapeutic use/ ERYTHROCYTES, drug effects/ GOLD, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ PHENYLBUTAZONE, therapeutic use/ PLATELET ADHESIVENESS, drug effects/ THROMBIN/ TISSUE EXTRACTS
4934. Pazdur J, Kopeć M: Platelets in rheumatoid arthritis. *Thromb Diath Haemorrh* 23:276-85, 1970  
\*ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, drug therapy/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ HUMAN/ PLATELET ADHESIVENESS/ SYNOVIAL MEMBRANE
4935. Peake RL, Cates RJ, Deiss WP Jr: Thyroglobulin degradation: Particulate intermediates produced in vivo. *Endocrinology* 87:494-505, Sep 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ DOGS/ \*GLUTATHIONE, metabolism/ \*IODINE, metabolism/ IODINE ISOTOPES, analysis/ IODOPROTEINS, analysis/ IODOPROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ \*PROTEINS, metabolism/ THYROGLOBULIN, analysis/ \*THYROGLOBULIN, metabolism/ \*THYROID GLAND, analysis/ \*THYROID GLAND, metabolism/ THYROIDECTOMY/ THYROTROPIN, pharmacodynamics
4936. Pearn JH, Rendle-Short J: The corticosteroids in childhood. *Practitioner* 204:34-45, Jan 70 (34 ref)  
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, adverse effects/ \*ADRENAL CORTEX HORMONES, therapeutic use/ ADRENOGENITAL SYNDROME, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ ASTHMA, drug therapy/ BRAIN EDEMA, drug therapy/ CHILD/ CHILD, PRESCHOOL/ COLITIS, ULCEERATIVE, drug therapy/ ENCEPHALITIS, drug therapy/ ENCEPHALOMYELITIS, drug therapy/ FEMALE/ HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ LARYNGITIS, drug therapy/ LEUKEMIA, drug therapy/ MENINGITIS, drug therapy/ NEPHROTIC SYNDROME, drug therapy/ \*PEDIATRICS/ PREGNANCY/ PURPURA, THROMBOPENIC, drug therapy/ REVIEW/ RHEUMATIC HEART DISEASE, drug therapy
4937. Pearson BS: The effects of trasylol and aminocaproic acid in post-prostatectomy haemorrhage. *Brit J Urol* 41:602, Oct 69  
\*AMINOCAPROIC ACID, therapeutic use/ HEMATURIA, drug therapy/ \*HEMORRHAGE, drug therapy/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ \*PROSTATECTOMY, adverse effects
4938. Pearson HA, Cornelius EA, Schwartz AD, et al: Transfusion-reversible functional asplenia in young children with sickle-cell anemia. *New Eng J Med* 283:334-7, 13 Aug 70  
ADOLESCENCE/ ANEMIA, SICKLE CELL, complications/ \*ANEMIA, SICKLE CELL, physiopathology/ ANEMIA, SICKLE CELL, therapy/ \*BLOOD TRANSFUSION/ BLOOD VISCOSITY/ CHILD, PRESCHOOL/ ERYTHROCYTES/ HUMAN/ INFANT/ PLASMA/ PLASMA VOLUME/ RADIOISOTOPE SCANNING/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SPLEEN, blood supply/ \*SPLEEN, physiopathology/ SPLENOMEGALY, complications/ TECHNITIUM
4939. Pearson TA, Balish E: Unusual Sphaerophorus species



# AUTHOR SECTION

- from the large intestine of man.  
Appl Microbiol 19:458-62, Mar 70  
AGAR/ BACTEROIDES, isolation & purification/ BACTEROIDES, radiation effects/ BLOOD/ CLOSTRIDIUM PERFRINGENS, isolation & purification/ CLOSTRIDIUM PERFRINGENS, radiation effects/ COBALT ISOTOPES, therapeutic use/ CULTURE MEDIA/ FECEs, microbiology/ HEMORRHAGIC THROMBOCYTHEMIA, microbiology/ HEMORRHAGIC THROMBOCYTHEMIA, radiotherapy/ HUMAN/ \*INTESTINE, LARGE, microbiology/ LEUKEMIA, MYELOCYTIC, microbiology/ LEUKEMIA, MYELOCYTIC, radiotherapy/ SHEEP/ \*SPHAEROPHORUS, classification/ SPHAEROPHORUS, cytology/ SPHAEROPHORUS, isolation & purification/ SPHAEROPHORUS, metabolism/ SPHAEROPHORUS, radiation effects
4940. Pechet L, Pechet GS, MacDonald RA: Reticuloendothelial function and blood coagulation in rats. Thromb Diath Haemorrh 22:508-12, 31 Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CARBON, metabolism/ GELATIN, pharmacodynamics/ HEAT/ HEPARIN, pharmacodynamics/ IRON-DEXTRAN COMPLEX, pharmacodynamics/ PROTEIN DENATURATION/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects/ \*RETICULOENDOTHELIAL SYSTEM, physiology/ SERUM ALBUMIN, pharmacodynamics
4941. Pechet L, Smith JA: The separation of clotting factors II (prothrombin) and IX (plasma thromboplastin component) by isoelectric focusing. Biochim Biophys Acta 200:475-85, 31 Mar 70  
ABSORPTION/ ANIMAL EXPERIMENTS/ ANTIGENS/ \*BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION TESTS/ BRAIN CHEMISTRY/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CITRATES/ \*ELECTROPHORESIS/ FACTOR VII, isolation & purification/ \*FACTOR IX, isolation & purification/ FACTOR X/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ ISOELECTRIC FOCUSING/ METHODS/ \*PROTHROMBIN, isolation & purification/ RABBITS/ THROMBOPLASTIN
4942. Pedersen JT, Weeke B, Georg J: Lung disease and alpha1-antitrypsin deficiency. Danish Med Bull 16:283-8, Oct 69  
ADULT/ AGED/ \*ALPHA GLOBULIN, blood/ BRONCHITIS, blood/ CHRONIC DISEASE/ FEMALE/ HUMAN/ \*LUNG DISEASES, blood/ MALE/ MIDDLE AGE/ PULMONARY EMPHYSEMA, blood/ PULMONARY HEART DISEASE, blood/ \*TRYPSIN INHIBITORS, blood
4943. Pedersen KO: Determination of calcium fractions of serum. 3. Ionized calcium in ultrafiltrates of normal serum and examination of pertinent variables. Scand J Clin Lab Invest 25:223-30, May 70  
BICARBONATES/ BINDING SITES/ CALCIUM, blood/ FILTRATION/ HEAT/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ SPECTROPHOTOMETRY
4944. Pedersen Berget A: Orale kontraceptiva og akut kirurgi. Ugeskr Laeg 132:1628-9, 27 Aug 70 (Dan)  
ADULT/ ANTICOAGULANTS, therapeutic use/ \*APPENDECTOMY, adverse effects/ \*CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ POSTOPERATIVE CARE/ \*THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery
4945. Peker J, Goetzki H: Proteolytische Aktivitaet im Duodenalsaft bei Urticaria chronica. Derm Mschr 155:299-304, 1969 (Ger)  
CHRONIC DISEASE/ DUODENUM, analysis/ \*DUODENUM, enzymology/ ENGLISH ABSTRACT/ HUMAN/ \*INTESTINAL SECRETIONS, enzymology/ \*PEPTIDE HYDROLASES, analysis/ \*URTICARIA, enzymology
4946. Pelczarska A, Gieldanowski J, Halawa B: Studies on proteolytic activity of blood and the lymphodal blast reaction in the course of adjuvant arthritis in rats. Arch Immun Ther Exp 17:597-601, 1969  
ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, RHEUMATOID, chemically induced/ \*ARTHRITIS, RHEUMATOID, enzymology/ \*BLOOD SEDIMENTATION/ \*FREUND'S ADJUVANT/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ INFLAMMATION, enzymology/ \*LYMPH NODES, cytology/ LYMPH NODES, immunology/ MALE/ \*PEPTIDE HYDROLASES, blood/ PLASMA CELLS, immunology/ RATS
4947. Pelligra R, Trueblood HW, Mason R, et al: Anti-G suit as a therapeutic device. Aerospace Med 41:943-5, Aug 70  
ADULT/ FEMALE/ \*GRAVITATION/ HEMATOCRIT/ HEMATOMA, therapy/ HEMORRHAGE, therapy/ HEMOSTASIS/ HUMAN/ \*PRESSURE/ \*PROTECTIVE CLOTHING/ VAGINA, physiopathology
4948. Pelovski P, Khinkov Kh: Sluchai na khemofiliia tip "A", uslozhnena s psoas-khematom i simptomatichen nevrin. Khirurgia (Sofia) 23:102-3, 1970 (Bul)  
ADULT/ CASE REPORT/ \*HEMATOMA, complications/ \*HEMOPHILIA, complications/ HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ MUSCLES/ \*NEURITIS, complications
4949. Peña Chavarría A, Villarejos VM, Zomer M: Clinical importance of prothrombin time determination in snake-venom poisoning. Amer J Trop Med 19:342-4, Mar 70  
ANIMAL EXPERIMENTS/ ANTIVENINS, pharmacodynamics/ ANTIVENINS, therapeutic use/ BLOOD COAGULATION, drug effects/ GANGRENE/ HUMAN/ \*PROTHROMBIN TIME/ \*SNAKE BITES/ SNAKE BITES, drug therapy/ SNAKES/ TIME FACTORS/ \*VENOMS, poisoning
4950. Penington DG: Isotope bioassay for "thrombopoietin". Brit Med J 1:606-8, 7 Mar 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ \*HEMATOPOIESIS/ HUMAN/ MALE/ METHIONINE, metabolism/ MICE/ SELENIUM, metabolism/ THROMBOPOIETIN, analysis/ THROMBOPOIETIN, pharmacodynamics
4951. Penington DG: Assessment of platelet production with <sup>75</sup>Se selenomethionine. Brit Med J 4:782-4, 27 Dec 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELET DISORDERS/ \*BLOOD PLATELETS, metabolism/ \*HEMATOPOIESIS/ INJECTIONS, INTRAVENOUS/ MALE/ MEGAKARYOCYTES, metabolism/ \*METHIONINE, metabolism/ METHODS/ MICE/ RADIOISOTOPES/ \*SELENIUM
4952. Penington DG, Olsen TE: Megakaryocytes in states of altered platelet production: cell numbers, size and DNA content. Brit J Haemat 18:447-63, Apr 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CELL COUNT/ DENSITOMETRY/ \*DNA, analysis/ MALE/ \*MEGAKARYOCYTES/ MEGAKARYOCYTES, analysis/ RATS/ THROMBOCYTOSIS/ THROMBOPENIA
4953. Pen'kovoï KI: Nekotorye osobennosti kliniki ékstramedullarnykh novoobrazovanií, raspolozhennykh vperedí spinnoy mozga. Zh Nevropat Psikhiat Korsakov 70:664-9, May 70 (Rus)  
ANGIOSARCOMA, diagnosis/ ARACHNOID/ ASTROCYTOMA, diagnosis/ CHONDROMA,



# AUTHOR SECTION

- diagnosis/ EPENDYMOMA, diagnosis/  
FIBROMA, diagnosis/  
HEMANGIOENDOTHELIOMA, diagnosis/  
HUMAN/ NEURILEMMOMA, diagnosis/  
NEUROEPITHELIOMA, diagnosis/ SARCOMA,  
RETICULUM CELL, diagnosis/ \*SPINAL  
CANAL/ \*SPINAL CORD COMPRESSION,  
diagnosis/ \*SPINAL CORD NEOPLASMS,  
diagnosis/ \*SPINAL NEOPLASMS, diagnosis
4954. Penny R: Functional aspects of disordered immunoglobulins.  
Med J Aust 2:515-7, 6 Sep 69 (22 ref.)  
\*AGAMMAGLOBULINEMIA, blood/ BENCE  
JONES PROTEIN/ \*BLOOD PROTEIN  
DISORDERS, blood/ BLOOD PROTEIN  
DISORDERS, complications/ BLOOD  
PROTEINS, physiology/ \*GAMMA GLOBULIN,  
physiology/ HEMOSTASIS/ HUMAN/  
LEUKOCYTES/ REVIEW
4955. Penttilä A, Gripenberg J: The pH-dependent release of monoamines from isolated platelet, enterochromaffin and dopamine cell granules in vitro.  
Experientia 26:296-8, 15 Mar 70  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, cytology/ \*BLOOD PLATELETS,  
metabolism/ CATTLE/ CHROMAFFIN  
SYSTEM, cytology/ \*CHROMAFFIN SYSTEM,  
metabolism/ \*CYTOPLASMIC GRANULES/  
\*DOPAMINE, metabolism/ DUODENUM/  
\*HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ \*INTESTINAL MUCOSA, cytology/  
MICROSCOPY, ELECTRON/ \*SEROTONIN,  
metabolism
4956. Penttinen K, Kääriäinen L, Myllylä G: Cytomegalovirus antibody assay by platelet aggregation.  
Arch Ges Virusforsch 29:189-94, 1970  
ADULT/ \*ANTIBODIES, analysis/ \*BLOOD  
PLATELETS/ COMPARATIVE STUDY/  
COMPLEMENT FIXATION TESTS/  
CYTOMEGALIC INCLUSION DISEASE,  
diagnosis/ \*CYTOMEGALIC INCLUSION  
DISEASE, immunology/  
\*CYTOMEGALOVIRUSES, immunology/  
DIAGNOSIS, DIFFERENTIAL/ HEART  
SURGERY/ HUMAN/ INFECTION,  
immunology/ METHODS
4957. Penttinen K, Myllylä G, Mäkelä O, et al: Soluble antigen-antibody complexes and platelet aggregation.  
Acta Path Microbiol Scand 77:309-17, 1969  
ANTI-ANTIBODIES/ \*ANTIGEN-ANTIBODY  
REACTIONS/ \*BLOOD PLATELETS/ BLOOD  
SEDIMENTATION/ CENTRIFUGATION,  
DENSITY GRADIENT/ CHICKENS/  
COMPLEMENT FIXATION TESTS/ HAPTENS/  
HUMAN/ RABBITS/ SERUM ALBUMIN,  
BOVINE/ VIRUS DISEASES, immunology
4958. Penttinen K, Saikku P, Myllylä G, et al: The platelet aggregation test in group B arbovirus infections.  
J Hyg (Camb) 68:71-6, Mar 70  
ANTIGEN-ANTIBODY REACTIONS/  
\*ARBOVIRUS INFECTIONS, diagnosis/  
\*BLOOD PLATELETS/ CHILD/ COMPLEMENT  
FIXATION TESTS/ ENCEPHALITIS,  
TICK-BORNE, diagnosis/ FEMALE/  
HEMAGGLUTINATION INHIBITION TESTS/  
HUMAN/ MALE/ METHODS/ PLATELET  
ADHESIVENESS/ THROMBOPENIA, diagnosis
4959. Percival SP: Ocular findings in thrombotic thrombocytopenic purpura (Moschowitz's disease).  
Brit J Ophthal 54:73-8, Feb 70  
ADULT/ CEREBRAL HEMORRHAGE,  
complications/ \*CHOROID, pathology/  
\*CORNEA, pathology/ \*EYE  
MANIFESTATIONS/ FEMALE/ HUMAN/  
\*PURPURA, THROMBOTIC THROMBOPENIC,  
complications/ PURPURA, THROMBOTIC  
THROMBOPENIC, pathology/ RETINAL  
DETACHMENT, complications/ RETINAL  
HEMORRHAGE, complications/ \*VISION  
DISORDERS, etiology
4960. Peresleni NA, Frolova AV, Podilashuk EL: Primenenie reshetki pri korotkodistantsonnoi rentgenoterapii gemangliom.
- Med Radiol (Moskva) 14:17-21, Feb 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMANGIOMA, radiotherapy/ HUMAN/  
INFANT/ MALE/ \*SKIN NEOPLASMS,  
radiotherapy/ \*TECHNOLOGY, RADIOLOGIC,  
instrumentation
4961. Perey DY, Dupuy JM, Good RA: Effector mechanisms of skin homograft rejection in agammaglobulinemic chickens. Transplantation 9:8-17, Jan 70  
\*AGAMMAGLOBULINEMIA/ ANIMAL  
EXPERIMENTS/ ANTIBODIES, analysis/  
CHICKENS/ HEPARIN, administration &  
dosage/ IMMUNE SERUMS, administration &  
dosage/ LYMPHOCYTES, immunology/  
\*RADIATION EFFECTS/ \*SKIN,  
transplantation/ THYMUS GLAND,  
immunology/ TRANSPLANTATION,  
HOMOLOGOUS/ \*TRANSPLANTATION  
IMMUNOLOGY
4962. Pérez Sotelo R, Dierssen Gervás G, Liste Jiménez D, et al: Hematomas cerebrales intraparenquimatosos.  
Rev Clin Esp 12:439-44, 15 Sep 69 (Spa)  
ADOLESCENCE/ ADULT/ AGED/ BRAIN,  
pathology/ BRAIN DISEASES, pathology/  
\*CEREBRAL HEMORRHAGE, pathology/  
CHILD/ ENGLISH ABSTRACT/ HEMATOMA,  
pathology/ HUMAN/ MIDDLE AGE
4963. Pérez Sotelo R, Dierssen Gervás G, Liste Jiménez D, et al: Hematomas cerebrales intraparenquimatosos.  
Rev Clin Esp 12:439-44, 15 Sep 69 (Spa)  
ADOLESCENCE/ ADULT/ AGED/ BRAIN,  
pathology/ BRAIN DISEASES, pathology/  
\*CEREBRAL HEMORRHAGE, pathology/  
CHILD/ ENGLISH ABSTRACT/ HEMATOMA,  
pathology/ HUMAN/ MIDDLE AGE
4964. Perillie PE, Finch SC: Muramidase studies in Philadelphia-chromosome-positive and chromosome-negative chronic granulocytic leukemia.  
New Eng J Med 283:456-9, 27 Aug 70  
AGE FACTORS/ AGED/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ BONE  
MARROW CELLS, cytology/ BUSULFAN,  
therapeutic use/ \*CHROMOSOME  
ABERRATIONS/ CHROMOSOMES/  
CYTOGENETICS/ FEMALE/ HUMAN/  
LEUKEMIA, MYELOCYTIC, drug therapy/  
\*LEUKEMIA, MYELOCYTIC, enzymology/  
\*LEUKEMIA, MYELOCYTIC, familial &  
genetic/ LEUKEMIA, MYELOCYTIC, mortality/  
LEUKOCYTES, cytology/ LEUKOCYTES,  
enzymology/ MALE/ MIDDLE AGE/  
MURAMIDASE, blood/ \*MURAMIDASE,  
metabolism/ MURAMIDASE, urine/ SEX  
FACTORS
4965. Perini G: Utilizzazione della benzidamina in traumatologia. Minerva Ortop 19:200-2, Apr 68 (Ita)  
ADOLESCENCE/ ADULT/ AGED/  
\*ANALGESICS AND ANTIPYRETICS,  
therapeutic use/ \*CONTUSIONS, drug therapy/  
EDEMA, drug therapy/ FEMALE/  
\*FRACTURES, complications/ HEMATOMA,  
drug therapy/ HUMAN/ MALE/ MIDDLE  
AGE/ \*PAIN, drug therapy/ \*PYRAZOLES,  
therapeutic use/ RHEUMATISM, drug therapy/  
\*WOUNDS AND INJURIES, drug therapy
4966. Perkins ES, Saiduzzafar H: The effect of plasmin on the facility of outflow in cynomolgus monkeys.  
Exp Eye Res 8:386-96, Oct 69  
ANIMAL EXPERIMENTS/ ANTERIOR  
CHAMBER, drug effects/ \*AQUEOUS HUMOR,  
drug effects/ BLOOD PRESSURE/  
DILATATION/ FACTOR ANALYSIS,  
STATISTICAL/ \*FIBRINOLYSIS,  
pharmacodynamics/ INTRAOCULAR  
PRESSURE, drug effects/ MALE/ MONKEYS/  
PUPIL, drug effects/ STIMULATION,  
CHEMICAL
4967. Perkins HA, Biben RL: Coagulation factor analysis in patients on long-term anticoagulation.  
Calif Med 112:1-7, Mar 70  
BLOOD COAGULATION DISORDERS/ \*BLOOD  
COAGULATION FACTORS, analysis/ \*BLOOD  
COAGULATION TESTS/ HUMAN/



# AUTHOR SECTION

PROTHROMBIN TIME/ \*WARFARIN,  
administration & dosage

4968. Perkins HA, MacKenzie MR, Fudenberg HH:  
Hemostatic defects in dysproteinemias.  
Blood 35:695-707, May 70  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS/  
\*BLOOD PROTEIN DISORDERS, complications/  
BLOOD PROTEIN ELECTROPHORESIS/  
GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN,  
19S/ GEL DIFFUSION TESTS/  
HEMORRHAGIC DIATHESIS, complications/  
\*HEMOSTASIS/ HUMAN/ LEUKEMIA,  
LYMPHOCYTIC, blood/  
MACROGLOBULINEMIA, blood/ MULTIPLE  
MYELOMA, blood/ PLATELET  
ADHESIVENESS/ THROMBOPLASTIN
4969. Perkins HA, May RE, Belzer FO: Cause of abnormal  
bleeding after transplantation of pig liver stored by a  
perfusion technique.  
Arch Surg (Chicago) 101:62-8, Jul 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELET  
DISORDERS, etiology/ FACTOR VIII/  
FIBRINOGEN/ FIBRINOLYSIS/  
\*HEMORRHAGE, etiology/ \*LIVER,  
transplantation/ \*PERFUSION/  
PROTHROMBIN/ SWINE/ TIME FACTORS/  
\*TISSUE PRESERVATION/  
TRANSPLANTATION, HOMOLOGOUS
4970. Perko M, Uehlinger E, Hjorting-Hansen E:  
Nasopharyngeal angiofibroma of the maxilla: report  
of case. J Oral Surg 27:645-8, Aug 69  
ADULT/ \*ANGIOMA, SCLEROSING/ CASE  
REPORT/ FEMALE/ HUMAN/ \*MAXILLARY  
NEOPLASMS/ \*NASOPHARYNGEAL  
NEOPLASMS
4971. Perlewitz J, Markwardt F: Über di fibrinolytische  
Aktivität menschlicher Gewebe.  
Folia Haemat (Leipzig) 92:46-50, 1969 (Ger)  
ADRENAL GLANDS, enzymology/ BLADDER,  
enzymology/ BLOOD VESSELS, enzymology/  
BRAIN NEOPLASMS, enzymology/ CENTRAL  
NERVOUS SYSTEM, enzymology/ ENZYME  
ACTIVATION/ ENZYME REPRESSION/  
\*FIBRINOLYSIN, analysis/ \*FIBRINOLYSIS/  
GASTROINTESTINAL SYSTEM, enzymology/  
GENITALIA, enzymology/ HUMAN/ KIDNEY,  
enzymology/ LIVER, enzymology/ LUNG,  
enzymology/ MASTICATORY MUSCLES,  
enzymology/ MYOCARDIUM, enzymology/  
PLASMINOGEN/ SALIVARY GLANDS,  
enzymology/ SPLEEN, enzymology
4972. Perlick E: Hyperfibrinolyse als Ursache von  
sogenannten "Spontanblutungen".  
Folia Haemat (Leipzig) 92:57-63, 1969 (Ger)  
AMINOCAPROIC ACID, therapeutic use/  
ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ BENZOATES,  
therapeutic use/ BLOOD COAGULATION  
DISORDERS, drug therapy/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELET  
DISORDERS, complications/  
CYCLOHEXANECARBOXYLIC ACIDS,  
therapeutic use/ FACTOR V/ FACTOR V  
DEFICIENCY/ FACTOR VIII/ FIBRIN,  
metabolism/ \*FIBRINOLYSIS/ GEL  
DIFFUSION TESTS/ HEMAGGLUTINATION  
TESTS/ HEMORRHAGE, drug therapy/  
\*HEMORRHAGE, etiology/ HEPARIN,  
therapeutic use/ HUMAN/  
IMMUNOELECTROPHORESIS/ PLASMINOGEN,  
antagonists & inhibitors/ STREPTOKINASE,  
therapeutic use/ THROMBOPENIA
4973. Perlick E: Kollagen und Thrombozyten.  
Folia Haemat (Leipzig) 92:533-5, 1969 (Ger)  
AORTA/ ARTERIOSCLEROSIS, complications/  
ASPIRIN, adverse effects/ \*BLOOD  
PLATELETS/ \*COLLAGEN/ HEMORRHAGE,  
etiology/ HUMAN/ PHENYLBUTAZONE,  
adverse effects/ PLATELET ADHESIVENESS/  
THROMBOSIS, etiology/ TISSUE EXTRACTS
4974. Perlick E: Klinische Erfahrungen bei der Therapie mit  
gerinnungsaktiven Plasmakonzentraten.  
Folia Haemat (Leipzig) 93:300-15, 1970 (Ger)  
ANTIFIBRINOLYTIC AGENTS/ \*BLOOD  
COAGULATION DISORDERS, therapy/ BLOOD  
COAGULATION FACTORS/ BLOOD  
PLATELETS/ BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ BLOOD  
TRANSFUSION, adverse effects/ CITRATES,  
adverse effects/ ELECTROLYTES, metabolism/  
EXTRACORPOREAL CIRCULATION, adverse  
effects/ FACTOR VII, therapeutic use/  
HEMOLYSIS/ HEMOPHILIA, therapy/  
HEMORRHAGE, etiology/ HEPARIN, blood/  
HUMAN/ PLASMA SUBSTITUTES/  
THROMBELASTOGRAPHY
4975. Perlick E, Wilfert K: Endogene und exogene  
Fibrinolyse.  
Folia Haemat (Leipzig) 92:28-32, 1969 (Ger)  
ANTIFIBRINOLYTIC AGENTS/ BLOOD  
COAGULATION/ FIBRIN, metabolism/  
FIBRINOLYSIN, metabolism/ \*FIBRINOLYSIS/  
HUMAN/ LIVER CIRRHOSIS, blood/  
PLASMINOGEN, metabolism/  
STREPTOKINASE, pharmacodynamics
4976. Perretti F: Raro caso di lesioni intestinali conseguenti a  
pratiche abortive. Reperto occasionale di patologia  
extragenitale. Minerva Ginec 22:252-5, 28 Feb 70 (Ita)  
\*ABORTION, CRIMINAL/ ADHESIONS,  
etiology/ ADULT/ ENGLISH ABSTRACT/  
FEMALE/ \*FOREIGN BODIES/ HUMAN/  
\*INTESTINES/ LEIOMYOMA, complications/  
UTERINE NEOPLASMS, complications
4977. Perrin D, Guimbretière J: Allo-immunisation  
foeto-maternelle avec anticorps actifs sur les  
thrombocytes et hépatite néonatale familiale.  
Rev Franc Transfus 12:265-76, 1969 (Fre)  
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY  
REACTIONS/ ANTIGENS/ \*BLOOD  
PLATELETS, immunology/ ERYTHROCYTES,  
immunology/ FEMALE/ FETOMATERNAL  
TRANSFUSION/ HEMAGGLUTINATION  
TESTS/ \*HEPATITIS, familial & genetic/  
HEPATITIS, immunology/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES,  
familial & genetic/ INFANT, NEWBORN,  
DISEASES, immunology/ LEUKOCYTES,  
immunology/ LIVER, immunology/ MALE/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, immunology/ SPLEEN,  
immunology
4978. Perrin D, Guimbretière J: Allo-immunisation  
foeto-maternelle avec anticorps actifs sur les  
thrombocytes et hépatite néonatale familiale.  
Rev Franc Transfus 12:Suppl:265-76, 1969 (Fre)  
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY  
REACTIONS/ ANTIGENS/ \*BLOOD  
PLATELETS, immunology/ ERYTHROCYTES,  
immunology/ FEMALE/ FETOMATERNAL  
TRANSFUSION/ HEMAGGLUTINATION  
TESTS/ \*HEPATITIS, familial & genetic/  
HEPATITIS, immunology/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES,  
familial & genetic/ INFANT, NEWBORN,  
DISEASES, immunology/ LEUKOCYTES,  
immunology/ LIVER, immunology/ MALE/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, immunology/ SPLEEN,  
immunology
4979. Perrotin J, Testart J, Reimund P, et al: Hématome du  
mésocolon sigmoïde. Ann Chir 24:215-20, Feb 70 (Fre)  
CASE REPORT/ ENGLISH ABSTRACT/  
\*HEMATOMA/ HEMATOMA, etiology/  
HEMATOMA, surgery/ HUMAN/ MALE/  
\*MESOCOLON/ MESOCOLON, surgery/  
MIDDLE AGE
4980. Perrudet-Badoux A, Frei FC: On the mechanism of  
"rosette" formation in human and experimental  
thyroiditis. Clin Exp Immun 5:117-27, Jul 69  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ \*ANTIGEN-ANTIBODY REACTIONS/



# AUTHOR SECTION

- \*ERYTHROCYTES, immunology/ HUMAN/  
HYPERSENSITIVITY, DELAYED/  
\*LYMPHOCYTES, immunology/  
METHOTREXATE, pharmacodynamics/  
RABBITS/ SHEEP/ THYROGLOBULIN/  
\*THYROIDITIS, immunology/ TRYPSIN,  
pharmacodynamics
4981. Perry MO, Lee JF: Anesthetic and surgical problems in treating aortofemoral occlusive disease. Clin Anesth 3:228-45, 1968 (31 ref.)  
ACIDOSIS, prevention & control/ AGE FACTORS/ \*ANESTHESIA/ \*AORTIC DISEASES, surgery/ ARTERIOSCLEROSIS, surgery/ BLOOD PRESSURE/ \*FEMORAL ARTERY/ HEMOSTASIS/ HUMAN/ HYPOTENSION, prevention & control/ HYPOTHERMIA, INDUCED/ MONITORING SYSTEMS/ POSTOPERATIVE CARE/ REGIONAL BLOOD FLOW/ REVIEW/ THROMBOSIS, physiopathology/ THROMBOSIS, surgery
4982. Perry S: Reduction of toxicity in cancer chemotherapy. Cancer Res 29:2319-25, Dec 69 (57 ref.)  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC AGENTS, toxicity/ BLOOD PLATELETS, drug effects/ BONE MARROW DISEASES, prevention & control/ HUMAN/ LEUKOPENIA, prevention & control/ \*NEOPLASMS, drug therapy/ PATIENT ISOLATORS/ REVIEW/ THROMBOPENIA, prevention & control/ VENTILATION
4983. Pertsovskii AI, Gorislavets II: Eksperimental'nyi ateroskleroz u krolikov pri preryvistom kormlenii kholesterinom. Vop Pitan 28:83-5, Mar-Apr 69 (Rus)  
ANIMAL EXPERIMENTS/ AORTA, pathology/ \*ARTERIOSCLEROSIS, chemically induced/ ARTERIOSCLEROSIS, pathology/ \*CHOLESTEROL/ \*DIET, ATHEROGENIC/ \*DIETARY FATS/ FEEDING BEHAVIOR/ RABBITS/ TIME FACTORS
4984. Pertsovskii AI, Trotsenko SIA, Guz SIA, et al: Vlianie sverkhvysokochastotnogo élektromagnitnogo polla na techenie éksperimental'nogo ateroskleroza. Pat Fiziol Eksp Ter 13:64-6, Mar-Apr 69 (Rus)  
ANIMAL EXPERIMENTS/ \*ARTERIOSCLEROSIS/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ MALE/ MICROWAVES/ RABBITS
4985. Pessac B, Alliot F: Données nouvelles sur le mode d'action du "facteur" diffusible facilitant l'aggrégation de cellules cancéreuses in vitro: effet à +6 C sur ces cellules dissociées mécaniquement. C R Acad Sci [D] (Paris) 269:755-8, 11 Aug 69 (Fre)  
\*CELL AGGREGATION/ COLD/ CULTURE MEDIA/ DIFFUSION/ IN VITRO/ MICE/ \*NEOPLASMS, EXPERIMENTAL, pathology/ TRYPSIN
4986. Peter H, Messerschmidt W: Eine genauere Heparin-Bestimmung. 2. Arzneimittelforschung 20:586-8, Apr 70 (Ger)  
ENGLISH ABSTRACT/ \*HEPARIN, analysis/ HEPARIN, standards/ METHODS/ \*PHOTOMETRY
4987. Peters JP, Lowry JL, Lang EK: Subcapsular hematoma of the spleen and associated subdiaphragmatic hematoma. J Louisiana Med Soc 122:185-6, Jun 70  
ACCIDENTS, TRAFFIC/ ADULT/ AORTOGRAPHY/ \*DIAPHRAGM/ HEMATOMA, radiography/ HUMAN/ MALE/ \*SPLEEN, injuries/ SPLENECTOMY/ SPLENIC DISEASES, radiography
4988. Peters TJ, Modha K, MacMahon MT: The digestion and absorption of glycine oligopeptides. Gut 10:1055, Dec 69  
ANIMAL EXPERIMENTS/ GLYCINE, blood/ GLYCINE, metabolism/ \*INTESTINAL MUCOSA, enzymology/ \*PEPTIDE HYDROLASES, analysis/ PEPTIDES, blood
4989. Peterson C Jr, Willerson JT, Doppman JL, et al: Polyarteritis nodosa with bilateral renal artery aneurysms and perirenal haematomas: angiographic and nephrotomographic features. Brit J Radiol 43:62-6, Jan 70  
ADULT/ ANEURYSM, etiology/ \*ANEURYSM, radiography/ ANGIOGRAPHY/ HEMATOMA, etiology/ \*HEMATOMA, radiography/ HUMAN/ KIDNEY DISEASES, etiology/ \*KIDNEY DISEASES, radiography/ MALE/ PERIARTERITIS NODOSA, complications/ \*PERIARTERITIS NODOSA, radiography/ \*RENAL ARTERY, radiography/ TOMOGRAPHY
4990. Peterson EP, Behrman SJ: Laparoscopy of the infertile patient. Obstet Gynec 36:363-7, Sep 70  
\*ADHESIONS, diagnosis/ ADULT/ \*CULDOSCOPY/ CULDOSCOPY, adverse effects/ \*ENDOMETRIOSIS, diagnosis/ FALLOPIAN TUBES, surgery/ FEMALE/ HUMAN/ INTESTINAL PERFORATION, etiology/ OVARIAN CYSTS, diagnosis/ OVARIAN DISEASES, diagnosis/ PNEUMOPERITONEUM, ARTIFICIAL/ \*STERILITY, FEMALE, diagnosis/ STERILITY, FEMALE, etiology/ SURGICAL WOUND INFECTION
4991. Peterson EP, Taylor HB: Amniotic fluid embolism. An analysis of 40 cases. Obstet Gynec 35:787-93, May 70  
ADULT/ CESAREAN SECTION/ EMBOLISM, AMNIOTIC FLUID, complications/ \*EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, pathology/ FEMALE/ FETAL DEATH/ FETAL DEATH, etiology/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ PREGNANCY/ UTERINE HEMORRHAGE, etiology/ UTERUS, pathology
4992. Peterson HI: Fibrinogenomsättning i experimentella tumörer. Nord Med 84:965, 23 Jul 70 (Swe)  
ANIMAL EXPERIMENTS/ \*FIBRINOGEN, metabolism/ IODINE ISOTOPES/ MICE/ NEOPLASM TRANSPLANTATION/ \*NEOPLASMS, EXPERIMENTAL, metabolism/ RATS
4993. Peterson HI, Appelgren KL, Rosengren BH: Fibrinogen metabolism in experimental tumours. Europ J Cancer 5:535-42, Dec 69  
ANIMAL EXPERIMENTS/ FEMALE/ \*FIBRINOGEN, metabolism/ FIBRINOLYSIS/ IODINE ISOTOPES/ MALE/ \*MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MICE/ \*SARCOMA, EXPERIMENTAL, metabolism
4994. Peterson HI, Peterson A, Zederfeldt B: Fibrinolytic activity in healing wound. Acta Chir Scand 135:649-52, 1969  
ANIMAL EXPERIMENTS/ FIBRIN, metabolism/ FIBRINOGEN, pharmacodynamics/ \*FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ \*GRANULATION TISSUE/ GRANULATION TISSUE, drug effects/ PLASMINOGEN, pharmacodynamics/ RATS/ STAINLESS STEEL/ THROMBIN, pharmacodynamics/ \*WOUND HEALING/ WOUND HEALING, drug effects
4995. Peterson J, Zucker MB: The effect of adenosine monophosphate, arcalne and anti-inflammatory agents on thrombosis and platelet function in rabbits. Thromb Diath Haemorrh 23:148-58, 28 Feb 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, metabolism/ BLOOD PRESSURE/ CARBON ISOTOPES/ CITRATES/ COLLAGEN/ CONNECTIVE TISSUE/ FEMALE/ FEMORAL VEIN/ FLUORESCENT ANTIBODY TECHNIC/ \*GUANIDINES, pharmacodynamics/ HEPARIN/ PHENYLBUTAZONE, pharmacodynamics/ RABBITS/ SCLEROSING SOLUTIONS/ SEROTONIN, metabolism/ SODIUM SALICYLATE, pharmacodynamics/ \*SULFATES, pharmacodynamics/ \*THROMBOSIS, prevention & control



## AUTHOR SECTION

4996. Peterson LM, Fisher RD, Reis RL, et al: Cardiac operations in patients with left atrial thrombus. Incidence and prevention of postoperative embolism. *Ann Thorac Surg* 8:402-6, Nov 69  
 \*EMBOLISM, occurrence/ \*EMBOLISM, prevention & control/ FEMALE/ \*HEART ATRIUM/ \*HEART DISEASES, surgery/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, occurrence/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOSIS, complications/ THROMBOSIS, mortality/ \*THROMBOSIS, surgery
4997. Peterson RA, Krull PE, Finley P, et al: Changes in antithrombin 3 and plasminogen induced by oral contraceptives. *Amer J Clin Path* 53:468-73, Apr 70  
 ADOLESCENCE/ ADULT/ \*ANTITHROMBIN, blood/ \*BLOOD COAGULATION DISORDERS, etiology/ \*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ \*PLASMINOGEN, blood/ THROMBOEMBOLISM, etiology
4998. Petr R, Chrobák L, Drahokoupilová H: Podávání kyseliny epsilon-aminokapronové v neurochirurgii. *Cesk Neurol* 32:273-8, Oct 69 (Cze)  
 \*AMINOCAPROIC ACID, therapeutic use/ BRAIN NEOPLASMS, surgery/ \*CEREBRAL HEMORRHAGE, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*NEUROSURGERY/ POSTOPERATIVE COMPLICATIONS, prevention & control
4999. Petr R, Chrobák L: Successful surgical removal of chromophobic adenoma of the hypophysis a haemophilac A. *Sborn Ved Prac Lek Fak Karlov Univ* 12:7-16, 1969  
 \*ADENOMA, CHROMOPHOBE, surgery/ BLOOD TRANSFUSION/ FACTOR VIII, therapeutic use/ \*HEMOPHILIA, complications/ HUMAN/ MALE/ MIDDLE AGE/ PLASMA/ PREOPERATIVE CARE
5000. Pétra PH, Neurath H: Heterogeneity of bovine carboxypeptidase A. II. Chromatographic purification of carboxypeptidase A (Cox). *Biochemistry (Wash)* 8:5029-36, Dec 69  
 AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBOXYPEPTIDASES, analysis/ \*CARBOXYPEPTIDASES, isolation & purification/ CATTLE/ CHLORIDES/ \*CHROMATOGRAPHY, DEAE-CELLULOSE/ CYANIDES/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ESTERASES, analysis/ GENETICS, BIOCHEMICAL/ GLYCINE/ HEAT/ HIPPURATES/ KINETICS/ LACTATES/ LEUCINE, analysis/ LITHIUM/ METHODS/ \*PANCREAS, enzymology/ PEPTIDE HYDROLASES, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHENYLALANINE/ PROPIONATES/ VALINE, analysis
5001. Petrelli F, Farabollini F, Marsili G: Modificazioni ematologiche in animali carenti di biotina. *Boll Soc Ital Biol Sper* 45:270-2, 28 Feb 69 (Ita)  
 ANIMAL EXPERIMENTS/ \*AVITAMINOSIS, blood/ \*BIOTIN/ \*DEFICIENCY DISEASES, blood/ ERYTHROCYTE COUNT/ FEMALE/ HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/ PROTHROMBIN TIME/ RATS
5002. Petrescu CM, Poppa C, Enache F, et al: Considerații asupra unui caz de hemofilie asociată cu hipofibrinogenemie și trombocitopenie. *Med Intern (Bucur)* 20:613-6, May 68 (Rum)  
 ADULT/ \*AFIBRINOGENEMIA, complications/ \*BLOOD PLATELET DISORDERS, complications/ \*HEMOPHILIA, complications/ HUMAN/ MALE
5003. Petrie JJ, Cleland JF, MacLean PR, et al: Glomerular permeability during proteinuria induced by plasma infusion. *Clin Sci* 39:383-9, Sep 70  
 DEXTRAN, urine/ HEMOSTASIS/ HUMAN/ \*KIDNEY GLOMERULUS, metabolism/ MOLECULAR WEIGHT/ PERMEABILITY/ \*PLASMA/ PROTEINS, metabolism/ \*PROTEINURIA, metabolism/ SERUM ALBUMIN
5004. Petrishchev NN: Svertyvalushchala i fibrinoliticheskaya sistema krovi pri eksperimental'nom gipotireoze. *Pat Fiziol Eksp Ter* 13:48-50, May-Jun 69 (Rus)  
 ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, chemically induced/ \*HYPOTHYROIDISM, complications/ METHYLTHIOURACIL, pharmacodynamics/ RATS
5005. Petrov VI: Nefrektomiya pri razryve pochki u bol'nogo gemofiliei. *Vestn Khir Grekov* 103:132-3, Oct 69 (Rus)  
 ADULT/ CASE REPORT/ \*HEMOPHILIA, complications/ HUMAN/ \*KIDNEY, injuries/ MALE/ \*NEPHRECTOMY/ RUPTURE, surgery
5006. Petrova KG: Sindrom Gassera (hemoliticheski uremicheski sindrom) u rebenka 4 mesiatsev. *Vop Okhr Materin Dets* 15:85-7, Jan 70 (Rus)  
 \*ANEMIA, HEMOLYTIC/ CASE REPORT/ FEMALE/ HUMAN/ INFANT/ KIDNEY CORTEX NECROSIS/ \*KIDNEY FAILURE, ACUTE/ THROMBOPENIA
5007. Petrova TR: Bazofil'nye granulotsity krovi pri razlichnykh sostoyaniyakh organizma. (Obzor literatury) *Probl Gemat* 13:53-8, Jul 68 (70 ref.) (Rus)  
 ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BASOPHILS, analysis/ \*BASOPHILS, cytology/ BASOPHILS, drug effects/ BASOPHILS, enzymology/ BASOPHILS, physiology/ BASOPHILS, physiopathology/ BLOOD CELL COUNT/ CARDIOVASCULAR DISEASES, blood/ CATS/ CHICKENS/ COMPOUND 48-80, pharmacodynamics/ DOGS/ HEPARIN, analysis/ HISTAMINE, analysis/ HORMONES, pharmacodynamics/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ LIPOPROTEINS/ LIZARDS/ MAST CELLS, analysis/ MAST CELLS, cytology/ MAST CELLS, drug effects/ MICE/ POLYCYTHEMIA, blood/ PROTEIN BINDING/ RABBITS/ RATS/ REVIEW/ SEROTONIN, analysis
5008. Petrov-Maslakov MA, Susloparov LA, Ryndin VA: K voprosu ob ottorzhenii posleda i mekhanizme gemostaza v matke v tret'em periode rodov. *Akush Ginek (Moskva)* 46:44-8, Apr 70 (Rus)  
 ADULT/ BLOOD CIRCULATION TIME/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ FEMALE/ \*HEMOSTASIS/ HUMAN/ \*LABOR/ \*PLACENTA, physiology/ \*PREGNANCY/ THROMBIN, analysis/ \*UTERUS, physiology
5009. Petrozzi JW, Rahn EK, Mofenson H, et al: Cutis marmorata telangiectatica congenita. *Arch Derm (Chicago)* 101:74-7, Jan 70  
 ADULT/ ANGIOMATOSIS, complications/ DUCTUS ARTERIOSUS, PATENT, complications/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ TELANGIECTASIS, complications/ \*TELANGIECTASIS, congenital/ TELANGIECTASIS, occurrence/ UNITED STATES
5010. Petter O, Perlick E: Betrachtungen zur Purpura pigmentosa progressiva unter dem besonderen Aspekt gerinnungsanalytischer Befunde. *Derm Mschr* 155:213-24, 1969 (Ger)  
 ADULT/ \*BLOOD COAGULATION/ CAPILLARY FRAGILITY/ CAPILLARY RESISTANCE/ CHRISTMAS DISEASE, physiopathology/ DERMATITIS, physiopathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEMODYNAMICS/ HUMAN/ LEG DERMATOSES, physiopathology/ MIDDLE AGE/ \*PIGMENTATION DISORDERS, physiopathology/ PURPURA, classification/ PURPURA, diagnosis/ \*PURPURA,



# AUTHOR SECTION

- physiopathology/ SCHAMBERG'S DISEASE,  
physiopathology/ TELANGIECTASIS,  
physiopathology
5011. Pettinger WA, Young R: Endotoxin-induced kinin (bradykinin) formation: activation of Hageman factor and plasma kallikrein in human plasma. *Life Sci* 9:313-22, 15 Mar 70  
\*BRADYKININ, biosynthesis/ EDTA/  
\*ENDOTOXINS/ ESCHERICHIA COLI, metabolism/ \*FACTOR XII, metabolism/  
HUMAN/ IN VITRO/ \*KALLIKREIN, blood/  
KALLIKREIN, metabolism/ KINETICS/  
PLASMA/ PROTAMINES, pharmacodynamics/  
SEPTICEMIA, metabolism/ SHOCK,  
ENDOTOXIC, metabolism/ TRYPSIN  
INHIBITORS, pharmacodynamics
5012. Petzel H: Engen am Magenausgang aus röntgenologischer Sicht. *Med Welt* 47:1592-6 passim, 22 Nov 69 (Ger)  
ADHESIONS, complications/ FOREIGN BODIES, complications/ HODGKIN'S DISEASE, complications/ HUMAN/ PYLORIC STENOSIS, etiology/ \*PYLORIC STENOSIS, radiography/  
SARCOMA, complications/ STOMACH NEOPLASMS, complications/ STOMACH ULCER, complications
5013. Pezzica R, Lumare A, Garofalo P: Gli eritrociti a palizzata nella patologia del sangue. *Minerva Pediat* 21:966-73, 26 May 69 (Ita)  
BLOOD COAGULATION/ ENGLISH ABSTRACT/ \*ERYTHROCYTES/  
ERYTHROCYTES, physiology/ \*HEMATOLOGIC DISEASES, blood/ HEMATOLOGIC DISEASES, congenital/ HUMAN
5014. Pfeiffer GW: Special indications for gelatin plasma substitutes in gynecology. *Bibl Haemat* 33:534-5, 1969  
\*ABORTION, SEPTIC, complications/ BLOOD COAGULATION DISORDERS, etiology/  
EMBOLISM, AMNIOTIC FLUID/ FEMALE/  
FETAL DEATH/ FIBRINOLYSIS/ \*GELATIN/  
\*HEMORRHAGIC DIATHESIS, therapy/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
PLACENTA/ PLACENTA DISORDERS/  
\*PLASMA SUBSTITUTES/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS/  
PULMONARY EMBOLISM, therapy/ SHOCK,  
ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, therapy/ SHOCK, HEMORRHAGIC, therapy/  
STREPTOKINASE, therapeutic use/  
\*THROMBOPHLEBITIS, therapy/  
THROMBOPLASTIN/ THROMBOSIS, therapy
5015. Pfeiffer GW, Dietz M: Der Effekt von Amino-methyl-cyclohexan-carbonsäure (AMCHA) bei aktivierter Hämostase. *Zbl Gynaek* 91:1292-5, 4 Oct 69 (Ger)  
AFIBRINOGENEMIA, drug therapy/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ \*CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/  
CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ FIBRINOLYSIS, drug effects/ GUINEA PIGS/ HEMOSTASIS/  
HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/  
KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ THROMBOPLASTIN, analysis/  
THROMBOPLASTIN, antagonists & inhibitors
5016. Pfeiffer GW, Doerr F, Brod KH: Zur Pharmakokinetik von 131I-Streptokinase am Menschen. *Klin Wschr* 47:482-6, 1 May 69 (Ger)  
BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ FOREARM, blood supply/ HUMAN/ IODINE ISOTOPES/ LIVER, metabolism/ STREPTOKINASE, blood/  
\*STREPTOKINASE, metabolism/  
STREPTOKINASE, urine/ THYROID GLAND, metabolism/ TIME FACTORS
5017. Pfeiffer GW, Jentsch D, Krüger J, et al: Influence of rapid infusion of colloidal plasma volume expanders on platelet function and plasma clotting factors. *Bibl Haemat* 33:481-91, 1969  
ANTIFIBRINOLYTIC AGENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION FACTORS/  
BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ \*BLOOD PLATELETS, drug effects/ CLOT RETRACTION/ DEXTRAN, pharmacodynamics/ FEMALE/ FIBRINOLYSIS, drug effects/ GELATIN, pharmacodynamics/  
HUMAN/ MOLECULAR WEIGHT/ \*PLASMA SUBSTITUTES, pharmacodynamics/  
PLASMINOGEN, analysis/ PLATELET ADHESIVENESS, drug effects/  
POLYVINYLPIRROLIDONE, pharmacodynamics
5018. Pfeiffer CJ, Peters CM: Gastric secretion in the chronic fistula ferret. *Gastroenterology* 57:518-24, Nov 69  
ANIMAL EXPERIMENTS/ BASAL METABOLISM/ \*CARNIVORA/ FASTING/  
FEMALE/ GASTRIC FISTULA/ \*GASTRIC JUICE, secretion/ \*GASTRIC MUCOSA, secretion/ HISTAMINE, pharmacodynamics/  
PEPTIC ULCER/ PEPTIDE HYDROLASES, secretion/ SECRETORY RATE
5019. Pfeleiderer G, Linke R, Reinhardt G: On the evolution of endopeptidases. 8. Cross-reactions of trypsin and chymotrypsins of different species. *Comp Biochem Physiol* 33:955-67, 15 Apr 70  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/ CATTLE/  
CHICKENS/ \*CHYMOTRYPSIN/ CRUSTACEA/  
EVOLUTION/ GEL DIFFUSION TESTS/  
HEMAGGLUTINATION TESTS/ IMMUNE SERUMS/ SPECIES SPECIFICITY/ SWINE/  
\*TRYPSIN
5020. Pfeleiderer T, Morgenstern E, Weber E: Über die Wirkung von Lipidemulsionen auf Blutplättchen. I. Zunahme der Plättchenaggregation unter dem Einfluss verschiedener Lipidemulsionen in vitro. *Thromb Diath Haemorrh* 22:513-24, 31 Dec 69 (Ger)  
ANTICOAGULANTS, pharmacodynamics/  
ARACHIDONIC ACID, pharmacodynamics/  
\*BLOOD PLATELETS, drug effects/  
CALCIUM/ CELL AGGREGATION, drug effects/ COTTONSEED, pharmacodynamics/  
EDTA, pharmacodynamics/ EMULSIONS/  
ENGLISH ABSTRACT/ HUMAN/ IN VITRO/  
LINOLEIC ACID, pharmacodynamics/ \*LIPIDS, pharmacodynamics/ NUCLEOSIDES, pharmacodynamics/ PALMITIC ACID, pharmacodynamics/ PARAFFIN, pharmacodynamics/ PHAGOCYTOSIS/  
SILICONES, pharmacodynamics/ STEARIC ACID, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ SURFACE PROPERTIES
5021. Phelan JJ, Hirs CH: The primary structure of porcine pancreatic ribonuclease. 3. The disulfide bonds. *J Biol Chem* 245:654-61, 10 Feb 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/ CYSTEINE, analysis/ CYSTINE, analysis/  
ELECTROPHORESIS/ FORMIC ACIDS/ GEL FILTRATION/ GLYCOPROTEINS, analysis/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ PANCREATIC JUICE, enzymology/  
PEPSIN/ PEPTIDES, analysis/  
\*RIBONUCLEASE/ RIBONUCLEASE, analysis/  
SPECIES SPECIFICITY/  
SPECTROPHOTOMETRY/ \*SULFIDES/ SWINE/  
TRYPSIN
5022. Philip G, Moran J, Colman RW: Dissociation and association of the oligomeric forms of factor V. *Biochemistry (Wash)* 9:2212-8, 12 May 70  
ACRYLATES/ CATTLE/ CELLULOSE/  
CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DEXTRAN/ DRUG STABILITY/  
ELECTROPHORESIS, DISK/ \*FACTOR V/  
FACTOR V, analysis/ FACTOR V, isolation & purification/ GEL FILTRATION/ GELS/  
LIPIDS, analysis/ METHODS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/  
POLYSACCHARIDES/ THROMBIN/  
ULTRACENTRIFUGATION
5023. Philipp G, Ruckpaul K, Banaschak H, et al: Einfluss von



## AUTHOR SECTION

- Dipyridamol auf die Blutkonservierung.  
Acta Biol Med German 23:Suppl:K 31+, 1969 (Ger)  
ADENOSINE TRIPHOSPHATE, blood/ \*BLOOD  
PRESERVATION/ \*DIPYRIDAMOLE,  
pharmacodynamics/ \*ERYTHROCYTES, drug  
effects/ ERYTHROCYTES, metabolism/  
GLYCERIC ACIDS, blood/ HEMOLYSIS/  
HUMAN/ OXYGEN, blood
5024. Philippe N, Monnet P: Thrombopénie et coagulation  
intra-vasculaire disséminée.  
Pédiatrie 24:911-26, Dec 69 (Fre)  
\*BLOOD COAGULATION DISORDERS,  
etiology/ CHILD/ ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR, drug  
therapy/ ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, etiology/ FEMALE/  
HUMAN/ INFANT/ INFANT, NEWBORN/  
\*KIDNEY CORTEX NECROSIS, complications/  
MALE/ \*MENINGITIS, MENINGOCOCCIC/  
RENAL VEINS/ \*THROMBOPENIA, etiology/  
\*THROMBOPHLEBITIS, complications/  
THROMBOPLASTIN, adverse effects
5025. Phillips BA: In vitro assembly of polioviruses. I.  
Kinetics of the assembly of empty capsids and the role  
of extracts from infected cells.  
Virology 39:811-21, Dec 69  
AMINO ACIDS, metabolism/  
ANTIMETABOLITES, pharmacodynamics/  
CARBON ISOTOPES/ CENTRIFUGATION,  
DENSITY GRADIENT/ GUANIDINES,  
pharmacodynamics/ HEAT/ HELA CELLS/  
POLIOVIRUS, drug effects/ \*POLIOVIRUS,  
growth & development/ RIBONUCLEASE,  
pharmacodynamics/ TRITIUM/ TRYPSIN,  
pharmacodynamics/ URIDINE, metabolism/  
\*VIRAL PROTEINS/ \*VIRUS REPLICATION/  
VIRUS REPLICATION, drug effects
5026. Phillips GB: Studies on a hemolytic factor of cobra  
venom requiring a heat-labile serum factor.  
Biochim Biophys Acta 201:364-74, 24 Feb 70  
ANIMAL EXPERIMENTS/ BLOOD/  
CEPHALINS, analysis/ COMPLEMENT/  
DIALYSIS/ ELECTROPHORESIS/  
ERYTHROCYTES, drug effects/ GUINEA  
PIGS/ HEAT/ \*HEMOLYSIS/ HEPARIN/  
PAPER/ PHOSPHOLIPASE/ RABBITS/  
SHEEP/ SNAKES/ \*VENOMS,  
pharmacodynamics
5027. Phillips LL, Calhoun FJ, Soloway HB: Failure of  
mestranol alone or with norethynodrel to prepare for  
the generalized Schwartzman reaction in rats.  
Amer J Obstet Gynec 107:210-6, 15 May 70  
ADMINISTRATION, ORAL/ ANIMAL  
EXPERIMENTS/ BLOOD PLATELETS, drug  
effects/ CONTRACEPTIVES, ORAL,  
pharmacodynamics/ DRUG SYNERGISM/  
\*ENDOTOXINS, toxicity/ MESTRANOL,  
administration & dosage/ \*MESTRANOL,  
pharmacodynamics/ NORETHYNODREL,  
administration & dosage/ \*NORETHYNODREL,  
pharmacodynamics/ PLASMINOGEN/  
PREGNANCY/ PREGNANCY, ANIMAL/ RATS/  
\*SCHWARTZMAN PHENOMENON, pathology/  
THROMBOEMBOLISM, chemically induced
5028. Phillips OC: The role of anesthesia in obstetric  
mortality. Int Anesth Clin 6:847-73, Fall 68 (40 ref.)  
ANESTHESIA, CONDUCTION, mortality/  
ANESTHESIA, GENERAL, mortality/  
\*ANESTHESIA, OBSTETRICAL, mortality/  
ANESTHESIA, SPINAL, mortality/ ANOXIA,  
mortality/ ASPIRATION/ EMBOLISM, AIR,  
mortality/ EMBOLISM, AMNIOTIC FLUID,  
mortality/ FEMALE/ HEART DISEASES,  
mortality/ HEMORRHAGE, mortality/ HUMAN/  
LABOR COMPLICATIONS, mortality/  
\*MATERNAL MORTALITY/ PNEUMOTHORAX,  
mortality/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR,  
mortality/ PREGNANCY COMPLICATIONS,  
INFECTIOUS, mortality/ PREGNANCY  
TOXEMIAS, mortality/ REVIEW/ UNITED  
STATES/ VITAL STATISTICS/ VOMITING,  
mortality
5029. Philp RB: Species-dependent inhibition of platelet  
aggregation by adenosine and dipyridamole:  
paradoxical potentiation in the rat.  
Thromb Diath Haemorrh 23:129-39, 28 Feb 70  
ADENINE NUCLEOTIDES/ \*BLOOD  
PLATELETS, drug effects/ CATS/  
DENSITOMETRY/ \*DIPYRIDAMOLE,  
pharmacodynamics/ DRUG SYNERGISM/  
FEMALE/ GUINEA PIGS/ HUMAN/ MALE/  
\*NUCLEOSIDES, pharmacodynamics/  
PLATELET ADHESIVENESS, drug effects/  
RABBITS/ RATS/ SPECIES SPECIFICITY
5030. Philppen R, Loo J van de, Gross R: Therapie der akuten  
Beinvenenthrombose.  
Deutsch Med Wschr 95:961-3, 24 Apr 70 (Ger)  
ACUTE DISEASE/ ANTICOAGULANTS,  
therapeutic use/ BANDAGES/ HEPARIN,  
therapeutic use/ HUMAN/ \*LEG,  
blood supply/ PRESSURE/ REST/  
STREPTOKINASE, therapeutic use/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy
5031. Pia HW: Therapie der Subarachnoidalblutungen.  
Deutsch Med Wschr 95:700-2, 27 Mar 70 (Ger)  
BRAIN NEOPLASMS, complications/ BRAIN  
NEOPLASMS, surgery/ CEREBRAL  
ANEURYSM, complications/ CEREBRAL  
ANEURYSM, surgery/ HEMANGIOMA,  
complications/ HEMANGIOMA, surgery/  
HUMAN/ METHODS/ RUPTURE/  
SUBARACHNOID HEMORRHAGE, etiology/  
SUBARACHNOID HEMORRHAGE, surgery/  
\*SUBARACHNOID HEMORRHAGE, therapy
5032. Picard P, Radiguet de la Bastaise P, Poujol C, et al:  
Réflexions sur l'expérience des traitements  
anticoagulants en réanimation médico-chirurgicale.  
Cah Anesth 17:417-28, May-Jun 69 (Fre)  
ADOLESCENCE/ ADULT/ AGED/  
\*ANTICOAGULANTS, administration & dosage/  
BLOOD COAGULATION TESTS/  
\*HEPARINOID, administration & dosage/  
HUMAN/ MIDDLE AGE/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
\*THROMBOEMBOLISM, prevention & control/  
\*VITAMIN K, antagonists & inhibitors
5033. Picard P, Radiguet de la Bastaise P, Montell R: Eight  
years' experience with the use of modified fluid  
gelatin for resuscitation. Bibl Haemat 33:522-4, 1969  
ANTIGENS/ BLOOD VOLUME, drug effects/  
CALCIUM, pharmacodynamics/ DEHYDRATION,  
etiology/ DEHYDRATION, prevention &  
control/ DEXTRAN, adverse effects/  
DIABETIC COMA, complications/ DIGITALIS  
GLYCOSIDES, therapeutic use/ DRUG  
ANTAGONISM/ \*GELATIN/ GELS/  
HEMOSTASIS/ HUMAN/ INTESTINAL  
OBSTRUCTION, complications/ MALE/  
MILITARY MEDICINE/ \*PLASMA  
SUBSTITUTES/ \*RESUSCITATION/ SHOCK,  
prevention & control/ TEMPERATURE
5034. Pichlmayr R: Aspects in production of antilymphocyte  
sera. Fed Proc 29:111-3, Jan-Feb 70  
ANTIBODY FORMATION/ ANTIGENS/  
\*ANTILYMPHOCYTE SERUM/ BLOOD  
PLATELETS, immunology/ COMPLEMENT  
FIXATION TESTS/ ERYTHROCYTES,  
immunology/ FREUND'S ADJUVANT/  
HEMAGGLUTINATION TESTS/ HEMOLYSIS/  
HORSES/ HUMAN/ IMMUNOSUPPRESSIVE  
AGENTS/ LEUKEMIA, LYMPHOCYTIC,  
immunology/ LYMPHOCYTES, immunology/  
\*LYMPHOID TISSUE, immunology/ MONKEYS/  
SPLEEN, immunology/ THORACIC DUCT,  
immunology/ THYMUS GLAND, immunology
5035. Pickardt R, Stahlheber H: Zieve-Syndrom. Zwei  
weitere Fälle. Med Klin 64:1982-7, 24 Oct 69 (Ger)  
ADULT/ \*ALCOHOLISM, complications/  
\*ANEMIA, HEMOLYTIC, complications/  
BICARBONATES, analysis/ BLOOD CELL  
COUNT/ BONE MARROW EXAMINATION/  
ERYTHROCYTE AGING/ GASTRIC JUICE,  
analysis/ HUMAN/ HYPERBILIRUBINEMIA,  
blood/ HYPERCHOLESTEREMIA, blood/  
\*HYPERLIPEMIA, complications/ LIPIDS,



# AUTHOR SECTION

- metabolism/ \*LIVER CIRRHOSIS, complications/ MALE/ TRYPSIN, analysis
5036. Pickering RJ, Herdman RC, Michael AF, et al: Chronic glomerulonephritis associated with low serum complement activity (chronic hypocomplementemic glomerulonephritis). *Medicine (Balt)* 49:207-26, May 70  
ADOLESCENCE/ ANTICOAGULANTS, therapeutic use/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ \*COMPLEMENT/ COMPLEMENT, analysis/ FEMALE/ \*GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ KIDNEY, transplantation/ MALE/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE
5037. Pierce JA, Eisen AZ, Dhingra HK: Relationship of antitrypsin deficiency to the pathogenesis of emphysema. *Trans Am Soc Clin Phys* 82:87-97, 1969  
AUTOSOME ABNORMALITIES/ ENZYME REPRESSION/ GENES, RECESSIVE/ HUMAN/ IMMUNOELECTROPHORESIS/ \*KALLIKREIN-TRYPSIN INACTIVATOR, blood/ PANCREATOPEPTIDASE/ \*PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ RESPIRATORY TRACT INFECTIONS, etiology/ \*TRYPSIN, antagonists & inhibitors
5038. Pierluissi J, Campbell J, Rastogi KS, et al: Preservation of immunological and biological activities of insulin by insulinase inhibitor in vitro. *Canad J Physiol Pharmacol* 48:291-8, May 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DIAPHRAGM, drug effects/ DIAPHRAGM, metabolism/ GLUCOSE, metabolism/ GLYCOGEN, biosynthesis/ GLYCOGEN, metabolism/ IN VITRO/ \*INSULIN, metabolism/ INSULIN ANTIBODIES, analysis/ KINETICS/ MALE/ \*PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RATS
5039. Pierre M, Jouglaud JP, Tramier H: A propos d'un cas de nécrose cutanée après anticoagulothérapie. *Ann Chir Plast* 15:57-9, 1970 (Fre)  
ADULT/ CASE REPORT/ \*ETHYL BISOUACETATE, adverse effects/ FEMALE/ HUMAN/ \*NECROSIS, chemically induced/ NECROSIS, surgery/ SKIN, transplantation/ \*SKIN DISEASES, chemically induced/ TRANSPLANTATION, AUTOLOGOUS
5040. Pierre D: Microsurgical techniques in traumatic conditions of the anterior segment. *Ophthalmologica (Basel)* Suppl:631-2, 1969  
ADHESIONS, surgery/ ANTERIOR CHAMBER, surgery/ CATARACT EXTRACTION/ CORNEA, surgery/ EYE FOREIGN BODIES, surgery/ \*EYE INJURIES, surgery/ HUMAN/ MICROSURGERY/ \*SURGERY, OPERATIVE/ SURGICAL INSTRUMENTS/ SUTURE TECHNIQS
5041. Plessens WF, Wybran J, Manaster J, et al: Lymphocyte transformation induced by autologous platelets in a case of thrombocytopenic purpura. *Blood* 36:421-7, Oct 70  
AGED/ ANTIGENS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS, immunology/ COOMBS' TEST/ DIABETES MELLITUS, etiology/ DNA, biosynthesis/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ HYPERTENSION, etiology/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ MELENA, etiology/ OSTEOPOROSIS, etiology/ PLANT AGGLUTININS, pharmacodynamics/ PURPURA, THROMBOPENIC, complications/ \*PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy/ RADIOAUTOGAPHY/ SPLEEN, pathology/ SPLENECTOMY/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRIAMCINOLONE, adverse effects/ TRITIUM
5042. Plette M, Durand G: Recherche cytochimique de l'acide lactique dans les cellules leucémiques. *Nouv Rev Franc Hemat* 9:688-96, Sep-Oct 69 (Fre)  
BLOOD CELLS, analysis/ BLOOD PLATELETS, analysis/ BONE MARROW CELLS, analysis/ CYSTS, blood/ ERYTHROCYTES, analysis/ ESOPHAGEAL NEOPLASMS, blood/ \*HISTOCYTOCHEMISTRY/ HODGKIN'S DISEASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ \*LACTATES, analysis/ LARYNGEAL NEOPLASMS, blood/ \*LEUKEMIA, blood/ LEUKEMIA, metabolism/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, MONOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ \*LEUKOCYTES, analysis/ LYMPH NODES, analysis/ MULTIPLE MYELOMA, blood/ NAD/ SPLENOmegaly, blood/ STOMACH NEOPLASMS, blood/ TETRAZOLIUM SALTS/ THYROID DISEASES, blood
5043. Pigeaud H: Hémorragies obstétricales par incoagulabilité sanguine. Les possibilités d'une thérapeutique prophylactique. *Rev Franc Gynec Obstet* 65:3-10, Jan-Feb 70 (Fre)  
\*BLOOD COAGULATION DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, POSTPARTUM, etiology/ \*HEMORRHAGE, POSTPARTUM, prevention & control/ HEMORRHAGE, POSTPARTUM, therapy/ HUMAN/ PREGNANCY
5044. Pihl E: A quantitative electron histochemical estimation of ruthenium red binding to heparin in mast cell granules. *Histochemie* 22:302-15, 1970  
ANIMAL EXPERIMENTS/ \*CYTOPLASMIC GRANULES, analysis/ FEMALE/ \*HEPARIN, metabolism/ HISTOCYTOCHEMISTRY/ HYDROGEN-ION CONCENTRATION/ MALE/ \*MAST CELLS, metabolism/ MICROSCOPY, ELECTRON/ RATS/ \*RUTHENIUM, metabolism/ STAINS AND STAINING
5045. Piskunov ON: Vvedenie v kinetiku sistemy megakariotsit-trombotsit. *Probl Gemat* 14:50-6, Nov 69 (Rus)  
\*BLOOD PLATELETS/ \*HEMATOPOIESIS/ MATHEMATICS/ \*MEGAKARYOCYTES, physiology
5046. Piskunov ON: O vozmozhnostiakh matematicheskogo vychisleniya sroka zhizni krovnykh plastinok. *Lab Delo* 1:18-20, 1970 (Rus)  
\*BLOOD PLATELETS/ HUMAN/ \*MATHEMATICS/ METHODS/ TIME FACTORS
5047. Piskunov ON: Kinetika otshnurovaniya trombotsitov ot megakariotsita. *Lab Delo* 10:632-3, 1969 (Rus)  
\*BLOOD PLATELETS/ KINETICS/ \*MEGAKARYOCYTES
5048. Pliher DB, Barker WF: Retardation of experimental atherosclerosis in endarterectomized arteries by the administration of heparin and dextran. *Amer J Surg* 120:270-4, Aug 70  
ANIMAL EXPERIMENTS/ \*AORTIC DISEASES, drug therapy/ AORTIC DISEASES, etiology/ \*ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ \*DEXTRAN, administration & dosage/ \*ENDARTERECTOMY, adverse effects/ \*HEPARIN, administration & dosage/ HYPERLIPEMIA, drug therapy/ RABBITS/ WOUND HEALING
5049. Pilgerstorfer HW, Fischer M: Normotest-Owren, ein neuer Screeningtest des exogenen Blutgerinnungssystems. *Wien Klin Wschr* 82:237-40, 27 Mar 70 (Ger)  
BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ \*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ HUMAN/ MASS SCREENING/ METHODS/ PROTHROMBIN TIME



## AUTHOR SECTION

5050. **Pillet J, Orta B:** Recherche sur l'analyse sérologique des staphylocoques coagulase négatifs. Etude de deux sérotypes.  
Ann Inst Pasteur (Paris) 119:193-205, Aug 70 (Fre)  
\*AGGLUTINATION TESTS/ COAGULASE/  
ENGLISH ABSTRACT/ HEAT/ IMMUNE  
SERUMS/ \*SEROTYPING/  
\*STAPHYLOCOCCUS, classification
5051. **Pincus T, Kaplan AP:** True antibodies to DNA in systemic lupus erythematosus: activity of Fab and F(ab')<sub>2</sub> fragments.  
Nature (London) 227:394-5, 25 Jul 70  
\*ANTIBODIES/ \*ANTIGEN-ANTIBODY  
REACTIONS/ CENTRIFUGATION, DENSITY  
GRADIENT/ \*DNA/ \*GAMMA GLOBULIN, 7S/  
HUMAN/ IMMUNOGLOBULINS/  
IMMUNOGLOBULINS, analysis/ \*LUPUS  
ERYTHEMATOSUS, SYSTEMIC, immunology/  
PEPSIN/ PEPTIDES/ PROTEIN BINDING/  
TRYPSIN
5052. **Pindyck J, Lichtman HC, Kohl SG:**  
Cryofibrinogenemia in women using oral  
contraceptives. Lancet 1:51-3, 10 Jan 70  
ADOLESCENCE/ ADULT/ \*COLD/  
\*CONTRACEPTIVES, ORAL, adverse effects/  
CONTRACEPTIVES, ORAL, pharmacodynamics/  
FEMALE/ \*FIBRINOGEN/ HUMAN/  
INTRAUTERINE DEVICES, adverse effects/  
MIDDLE AGE
5053. **Pink JR, Buttery SH, De Vries GM, et al:** Human immunoglobulin subclasses. Partial amino acid sequence of the constant region of a gamma 4 chain.  
Biochem J 117:33-47, Mar 70  
AMINO ACID SEQUENCE/ ANTIBODIES/  
BLOOD PROTEIN ELECTROPHORESIS/  
COMPLEMENT FIXATION TESTS/  
CYANIDES/ \*GAMMA GLOBULIN, analysis/  
GAMMA GLOBULIN, classification/ HUMAN/  
TRYPSIN
5054. **Piñol Aguade J, Telese A, Mascaro JM:** Consideraciones sobre algunas formaciones angiomatosas benignas de aparición tardía.  
Actas Dermosif (Madrid) 60:201-30, Jul-Aug 69 (Spa)  
ADULT/ \*ANGIOMATOSIS, pathology/ CHILD/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MIDDLE AGE/ \*NEVUS, PIGMENTED,  
pathology
5055. **Pinot C, Kamoun P, Jérôme H:** Isolement des éléments figurés du sang. (Application à un échantillon de 10 ml de sang humain.)  
Ann Biol Clin (Paris) 28:85-8, 1970 (Fre)  
\*BLOOD PLATELETS/ \*BLOOD  
SEDIMENTATION/ BLOOD SPECIMEN  
COLLECTION/ CENTRIFUGATION/ ENGLISH  
ABSTRACT/ \*ERYTHROCYTES/ HUMAN/  
INDICATORS AND REAGENTS/  
\*LEUKOCYTES/ METHODS
5056. **Pinto DJ:** Controlled trial of an anticoagulant (warfarin sodium) in the prevention of venous thrombosis following hip surgery. Brit J Surg 57:349-52, May 70  
AGED/ FEMALE/ HEMATOMA, complications/  
\*HIP, surgery/ HUMAN/ IODINE ISOTOPES,  
DIAGNOSTIC/ MALE/ MIDDLE AGE/  
PHLEBOGRAPHY/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THROMBOPHLEBITIS, diagnosis/  
\*THROMBOPHLEBITIS, prevention & control/  
\*WARFARIN, therapeutic use
5057. **Plotrowicz B, Niebrój TK, Sieroń G:** The morphology and histochemistry of the full term placenta in anaemic patients.  
Folia Histochem Cytochem (Krakow) 7:435-44, 1969  
ANEMIA, drug therapy/ \*ANEMIA,  
metabolism/ CALCIUM, metabolism/ COBALT,  
therapeutic use/ FEMALE/ FIBRIN,  
metabolism/ HISTOCYTOCHEMISTRY/  
HUMAN/ IRON, therapeutic use/ LIPIDS,  
metabolism/ ORGAN WEIGHT/ PLACENTA,  
enzymology/ \*PLACENTA, metabolism/  
PLACENTA, pathology/ POLYSACCHARIDES,  
metabolism/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC,  
metabolism/ TIME FACTORS
5058. **Pippig L:** Die Behandlung des akuten Myokardinfarktes.  
Munchen Med Wschr 112:639-51, 3 Apr 70 (93 ref.) (Ger)  
ACIDOSIS, therapy/ ANALGESICS AND  
ANTIPYRETICS, therapeutic use/  
ARRHYTHMIA, therapy/ CARDIAC  
GLYCOSIDES, therapeutic use/ DEXTRAN,  
therapeutic use/ DIURETICS, therapeutic use/  
ENGLISH ABSTRACT/ GLUCAGON,  
therapeutic use/ GLUCOCORTICOIDS,  
therapeutic use/ HEART FAILURE,  
CONGESTIVE, drug therapy/ HUMAN/  
MYOCARDIAL INFARCT, complications/  
MYOCARDIAL INFARCT, drug therapy/  
MYOCARDIAL INFARCT, surgery/  
\*MYOCARDIAL INFARCT, therapy/ OXYGEN  
INHALATION THERAPY/ POTASSIUM,  
therapeutic use/ PULMONARY EDEMA,  
therapy/ REST/ REVIEW/ SHOCK, therapy/  
STREPTOKINASE, therapeutic use/ TIME  
FACTORS/ TRANQUILIZING AGENTS,  
therapeutic use/ VASODILATOR AGENTS,  
therapeutic use
5059. **Piquilloud Y, Reinharz A, Roth M:** Studies on the angiotensin converting enzyme with different substrates.  
Biochim Biophys Acta 206:136-42, 22 Apr 70  
\*ANGIOTENSIN/ ANIMAL EXPERIMENTS/  
BROMIDES/ CHLORIDES/ DIALYSIS/ EDTA/  
ENZYME ACTIVATION/ ENZYMES,  
antagonists & inhibitors/ FLUORESCENCE/  
FLUORIDES/ GEL FILTRATION/ HORSES/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
IODIDES/ NITRATES/ \*PEPTIDE  
PEPTIDOHYDROLASES, blood/ PEPTIDES/  
SPECIES SPECIFICITY/ TIME FACTORS
5060. **Pirkle H, Henschen A, Potapous A:** Interspecies constancy of N-terminal amino-acid sequences in the gamma-chain of fibrinogen.  
Nature (London) 223:400-1, 26 Jul 69  
\*AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ \*FIBRINOGEN, analysis/  
HUMAN/ METHODS/ PEPTIDES, analysis/  
RATS/ SWINE
5061. **Pirola RC, Ham JM, Elmslie RG:** Management of hepatic coma complicating viral hepatitis.  
Gut 10:898-903, Nov 69  
ADOLESCENCE/ ADULT/ BILIRUBIN, blood/  
BLOOD COAGULATION DISORDERS, etiology/  
CHILD/ ELECTROENCEPHALOGRAPHY/  
EXCHANGE TRANSFUSION/ FEMALE/  
HEMORRHAGE, GASTROINTESTINAL,  
etiology/ HEPATIC COMA, etiology/ HEPATIC  
COMA, mortality/ \*HEPATIC COMA, therapy/  
\*HEPATITIS, INFECTIOUS, complications/  
HUMAN/ MALE/ MIDDLE AGE/ PERFUSION,  
adverse effects/ PERITONEAL DIALYSIS/  
SERUM ALBUMIN
5062. **Piruzian LA, Rozenfel'd MA, Glezer VM:**  
Mikrokolorimetricheskie issledovaniya protsessy  
svertyvaniya krovi.  
Izv Akad Nauk SSSR [Biol] 2:299-301, Mar-Apr 70 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION TESTS/ COMPARATIVE  
STUDY/ ENGLISH ABSTRACT/ METHODS/  
MICE
5063. **Piruzyan LA, Rozenfel'd MA, Glezer VM, et al:**  
Microcalorimetry of the processes of coagulation in normal conditions and after exposure to a constant magnetic field. Aerospace Med 40:1140-1, Oct 69  
ANIMAL EXPERIMENTS/ BLOOD, radiation  
effects/ \*BLOOD COAGULATION/  
\*CALORIMETRY/ CALORIMETRY,  
instrumentation/ HEAT/ HUMAN/ IN VITRO/  
\*MAGNETICS/ METHODS/ RADIATION  
EFFECTS/ RATS/ THERMOGRAPHY/  
THROMBELASTOGRAPHY/ TIME FACTORS
5064. **Pisano JJ, Bronzert TJ:** Analysis of amino acid phenylthiohydantoins by gas chromatography.  
J Biol Chem 244:5597-607, 25 Oct 69  
ALKYLATION/ \*AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ ARGININE,



# AUTHOR SECTION

- analysis/ AUTOANALYSIS/ BROMINE/  
\*CHROMATOGRAPHY, GAS/ CYANIDES/  
ESTERS/ \*HYDANTOINS, analysis/ METHODS/  
MICROCHEMISTRY/ PEPTIDES, analysis/  
SILICON/ SILICONES/ SWINE/  
\*THYROCALCITONIN, analysis/ TRYPSIN
5065. Pisarskaia IV, Sharova IaA: Osobennosti isitemy svertyvanila krovi pri bolezni addisona i itsenko-kushinga. Sovet Med 32:118-21, Aug 69 (Rus)  
\*ADDISON'S DISEASE, blood/  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
FACTORS, analysis/ \*CUSHING'S SYNDROME,  
blood/ ENGLISH ABSTRACT/ HEPARIN,  
blood/ HUMAN/ MIDDLE AGE
5066. Piszkiwicz D, Landon M, Smith EL: Bovine liver glutamate dehydrogenase. Sequence of a hexadecapeptide containing a lysyl residue reactive with pyridoxal 5'-phosphate.  
J Biol Chem 245:2622-6, 25 May 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
BORON COMPOUNDS/ CATTLE/ CHEMISTRY/  
FLUOROMETRY/ \*GLUTAMATE  
DEHYDROGENASE, analysis/ GLUTAMATE  
DEHYDROGENASE, antagonists & inhibitors/  
\*LIVER, enzymology/ \*LYSINE/  
OXIDATION-REDUCTION/ \*PYRIDOXAL  
PHOSPHATE/ SULFHYDRYL COMPOUNDS/  
TRYPSIN
5067. Pitcher SE, Konigsberg W: The sequence of the NH<sub>2</sub>-terminal cyanogen bromide fragment from the heavy chain of a gamma-G1 myeloma protein.  
J Biol Chem 245:1267-74, 25 Mar 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
\*AMINO ACIDS/ AMINO ACIDS, analysis/  
CARBOXYPEPTIDASES/ CHROMATOGRAPHY,  
ION EXCHANGE/ CHYMOTRYPSIN/ COLD/  
CRYOGLOBULINS/ CYANIDES/ \*GAMMA  
GLOBULIN, 7S/ GAMMA GLOBULIN, 7S,  
analysis/ GAMMA GLOBULIN, 19S/ GEL  
FILTRATION/ HUMAN/ IMMUNOGLOBULINS/  
METHODS/ MOLECULAR WEIGHT/  
MULTIPLE MYELOMA, blood/ PEPTIDE  
HYDROLASES/ \*PEPTIDES/ PEPTIDES,  
analysis/ TRYPSIN
5068. Pitkethly DT, Hardman JM, Kempe LG, et al: Angioblastic meningiomas; clinicopathologic study of 81 cases. J Neurosurg 32:539-44, May 70  
ADOLESCENCE/ ADULT/ AGED/  
ANGIOSARCOMA, mortality/  
\*ANGIOSARCOMA, pathology/  
ANGIOSARCOMA, surgery/ BRAIN  
NEOPLASMS, mortality/ \*BRAIN NEOPLASMS,  
pathology/ BRAIN NEOPLASMS, surgery/  
CHILD/ FEMALE/ HEMANGIOPERICYTOMA,  
mortality/ \*HEMANGIOPERICYTOMA,  
pathology/ HEMANGIOPERICYTOMA, surgery/  
HUMAN/ MALE/ MENINGIOMA, mortality/  
\*MENINGIOMA, pathology/ MENINGIOMA,  
surgery/ MIDDLE AGE/ SPINAL CORD  
NEOPLASMS, mortality/ \*SPINAL CORD  
NEOPLASMS, mortality/ SPINAL CORD  
NEOPLASMS, surgery
5069. Pitney WR: Heparin therapy and its laboratory control.  
Brit J Haemat 18:499-502, May 70 (18 ref.)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION TESTS/ HEMORRHAGE,  
chemically induced/ HEMORRHAGE,  
GASTROINTESTINAL, chemically induced/  
\*HEPARIN, administration & dosage/  
HEPARIN, adverse effects/ HEPARIN,  
pharmacodynamics/ HEPARIN, standards/  
HUMAN/ INJECTIONS, INTRAMUSCULAR,  
adverse effects/ REVIEW/ \*THROMBOSIS,  
drug therapy
5070. Pitney WR, Oakley CM, Goodwin JF: Therapeutic defibrination with arvin. Amer Heart J 80:144-6, Jul 70  
BLOOD COAGULATION FACTORS, therapeutic  
use/ ENZYMES, therapeutic use/ HUMAN/  
PROTEINS, therapeutic use/ SNAKES/  
\*THROMBOEMBOLISM, drug therapy/  
\*VENOMS, therapeutic use
5071. Pitney WR, Regoezi E: Inactivation of "Arvin" by plasma proteins. Brit J Haemat 19:67-81, Jul 70  
ANTIBODIES/ \*ANTICOAGULANTS,  
antagonists & inhibitors/ BLOOD  
COAGULATION/ \*BLOOD PROTEINS,  
pharmacodynamics/ ELECTROPHORESIS,  
DISK/ FIBRIN/ FIBRINOGEN/ GAMMA  
GLOBULIN/ GEL FILTRATION/ HUMAN/  
IODINE ISOTOPES/ MACROGLOBULINS/  
THROMBIN/ \*VENOMS
5072. Pitt B, Mason J, Conti CR, et al: Observations on the plasma kallikrein system during myocardial ischemia.  
Trans Ass Amer Physicians 82:98-108, 1969  
\*CORONARY DISEASE, blood/ ENZYME  
REPRESSION/ FACTOR XII/  
HEMODYNAMICS, drug effects/ HUMAN/  
KALLIKREIN, antagonists & inhibitors/  
\*KALLIKREIN, blood/ KALLIKREIN-TRYPSIN  
INACTIVATOR, blood/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
blood/ KAOLIN/ MYOCARDIAL INFARCT,  
blood
5073. Pizzurra M, Bistoni F: Invecchiamento e produzione di virus in cellule trasformate dal virus pollioma.  
Boll Soc Ital Biol Sper 46:215-8, 15 Mar 70 (Ita)  
ANIMAL EXPERIMENTS/ CELL  
TRANSFORMATION, NEOPLASTIC/  
CYTOPATHOGENIC EFFECT, VIRAL/  
EMBRYO/ \*FIBROMA/ HAMSTERS/  
\*HEMANGIOMA/ \*NEOPLASMS,  
EXPERIMENTAL/ \*POLYOMA VIRUS/ RATS/  
TISSUE CULTURE/ VIRUS CULTIVATION/  
\*VIRUS REPLICATION
5074. Piza F: Prophylaxe und Therapie postoperativer Komplikationen von seiten des Magen-Darmtraktes nach Inzision der Aorta abdominalis.  
Thoraxchirurgie 17:22-8, Feb 69 (Ger)  
ANTICOAGULANTS, therapeutic use/  
\*AORTA, ABDOMINAL, surgery/ ENGLISH  
ABSTRACT/ \*GASTROINTESTINAL DISEASES,  
etiology/ GASTROINTESTINAL MOTILITY/  
\*GASTROINTESTINAL SYSTEM, blood supply/  
HEMORRHAGE/ HUMAN/ INFLAMMATION/  
PERITONEUM, surgery/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
PROGNOSIS/ REGIONAL BLOOD FLOW/  
\*VASCULAR DISEASES, surgery
5075. Piznuto J, Gonzalez Liaven J, Mejia E, et al: Síndrome de hipercoagulabilidad crónica en un caso de hemoglobinuria paroxística nocturna (H.P.N)  
Sangre (Barc) 14:457-62, 1969 (Spa)  
\*BLOOD COAGULATION DISORDERS,  
complications/ BLOOD COAGULATION  
DISORDERS, drug therapy/ BLOOD  
COAGULATION TESTS/ HEMOGLOBINURIA,  
PAROXYSMAL, blood/ \*HEMOGLOBINURIA,  
PAROXYSMAL, complications/ HEPARIN,  
therapeutic use/ HUMAN/ MALE/ MIDDLE  
AGE
5076. Plancherel P: Klinischer Vergleich zwischen Dactil und Dactilase bei Verdauungsstörungen.  
Praxis 58:1275-8, 7 Oct 69 (Ger)  
ADULT/ AMYLASE, therapeutic use/ BILE  
ACIDS AND SALTS, therapeutic use/  
COMPARATIVE STUDY/ \*DIPHENYLACETIC  
ACIDS, therapeutic use/ \*ENZYMES,  
therapeutic use/ FEMALE/  
\*GASTROINTESTINAL DISEASES, drug  
therapy/ HUMAN/ MALE/ PANCREATIN,  
therapeutic use/ PARASYMPATHOLYTICS,  
therapeutic use/ PEPTIDE HYDROLASES,  
therapeutic use/ PLANT EXTRACTS,  
therapeutic use
5077. Plancot MT, Han K: Dosage de l'activité peptidasique par une technique colorimétrique directe: application à l'étude des peptidases des Mycobactéries.  
Bull Soc Chim Biol (Paris) 51:1111-4, 23 Oct 69 (Fre)  
\*COLORIMETRY/ DIPEPTIDES/ KINETICS/  
METHODS/ \*MYCOBACTERIUM, enzymology/  
\*PEPTIDE HYDROLASES, analysis
5078. Platzer KE, Scheraga HA: The NH<sub>2</sub>-terminal amino acid of bovine prothrombin.  
Biochim Biophys Acta 207:262-4, 28 Apr 70  
\*AMINO ACID SEQUENCE/ CATTLE/



## AUTHOR SECTION

CHROMATOGRAPHY, THIN LAYER/  
COMPARATIVE STUDY/ MOLECULAR  
WEIGHT/ \*PROTHROMBIN, analysis/  
SOLVENTS/ THREONINE, analysis

5079. Plaut AG, Tomasi TB Jr: Immunoglobulin M: pentameric Fcmu fragments released by trypsin at higher temperatures.  
Proc Nat Acad Sci USA 65:318-22, Feb 70  
\*GAMMA GLOBULIN, 19S, analysis/ GEL  
DIFFUSION TESTS/ \*HEAT/ HUMAN/  
IMMUNOELECTROPHORESIS/  
MACROGLOBULINEMIA, immunology/  
MOLECULAR WEIGHT/ \*PEPTIDES, analysis/  
\*TRYPSIN/ ULTRACENTRIFUGATION

5080. Pletscher A, Prada M da, Tranzer JP: Transfer and storage of biogenic monoamines in subcellular organelles of blood platelets.  
Progr Brain Res 31:47-52, 1969  
AMINES, metabolism/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL TRANSPORT,  
ACTIVE/ \*BLOOD PLATELETS, metabolism/  
CENTRIFUGATION, DENSITY GRADIENT/  
DIFFUSION/ GLUCOSE, pharmacodynamics/  
MICROSCOPY, ELECTRON/ OUABAIN,  
pharmacodynamics/ RABBITS/ SEROTONIN,  
antagonists & inhibitors/ \*SEROTONIN,  
metabolism

5081. Pliss GB: Ob osobennostiakh kantserogennogo deistviya 3,3'-benzidindikarbonovoi kisloty.  
Vop Onkol 15:60-4, 1969 (Rus)  
ADENOCARCINOMA, chemically induced/  
ADENOMA, chemically induced/ ANIMAL  
EXPERIMENTS/ \*BIPHENYL COMPOUNDS/  
\*CARCINOGENS/ CARCINOMA, EPIDERMAL,  
chemically induced/ \*DICARBOXYLIC ACIDS/  
ENGLISH ABSTRACT/ FEMALE/  
HEMANGIOMA, chemically induced/  
HEMANGIOMA, CAVERNOUS, chemically  
induced/ HEPATOMA, chemically induced/  
LEUKEMIA, EXPERIMENTAL, chemically  
induced/ LIVER NEOPLASMS, chemically  
induced/ LUNG NEOPLASMS, chemically  
induced/ MALE/ MAMMARY NEOPLASMS,  
EXPERIMENTAL, chemically induced/ MICE/  
\*NEOPLASMS, EXPERIMENTAL, chemically  
induced/ RATS/ SARCOMA, EXPERIMENTAL,  
chemically induced/ STOMACH NEOPLASMS,  
chemically induced/ THYMUS NEOPLASMS,  
chemically induced

5082. Pliss GB, Zabezhinski MA: O kantserogennykh svoystvakh proizvodnykh simmetrichnogo triazina.  
Vop Onkol 16:82-5, 1970 (Rus)  
ADENOFIBROMA, chemically induced/  
ADENOMA, chemically induced/ ANIMAL  
EXPERIMENTS/ \*CARCINOGENS/ ENGLISH  
ABSTRACT/ FEMALE/ HEMANGIOMA,  
CAVERNOUS, chemically induced/  
\*HERBICIDES/ LIPOMA, chemically induced/  
LIVER NEOPLASMS, chemically induced/  
LUNG NEOPLASMS, chemically induced/  
LYMPHATIC METASTASIS/  
LYMPHOSARCOMA, chemically induced/  
MALE/ MAMMARY NEOPLASMS,  
EXPERIMENTAL, chemically induced/ MICE/  
\*NEOPLASMS, EXPERIMENTAL, chemically  
induced/ RATS/ RUMEN/ SARCOMA,  
chemically induced/ \*TRIAZINES

5083. Plotz EJ: Nebenwirkungen antikonzeptioneller Steroide. I.  
Geburtsh Frauenheilk 30:193-211 contd, Mar 70 (Ger)  
ADRENAL GLANDS, drug effects/ ADULT/  
BLOOD COAGULATION, drug effects/ BLOOD  
PROTEINS/ BODY WEIGHT, drug effects/  
CARBOHYDRATES, metabolism/  
\*CONTRACEPTIVES, ORAL, adverse effects/  
CONTRACEPTIVES, ORAL, pharmacodynamics/  
DIABETES MELLITUS, chemically induced/  
FEMALE/ HUMAN/ HYDROCORTISONE,  
metabolism/ IODINE, blood/ JAUNDICE,  
chemically induced/ LIBIDO, drug effects/  
LIPIDS, blood/ LIVER FUNCTION TESTS/  
NAUSEA, chemically induced/ PREGNANCY/  
PROTEIN BINDING/ REVIEW/ STEROIDS,  
adverse effects/ THROMBOEMBOLISM,

chemically induced/ THYROID GLAND, drug  
effects/ VOMITING, chemically induced

5084. Plouvier SR, Moine M, Latour R: Effetctivateur de charges électriques sur les tests de coagulabilité globale du sang.  
Agressologie 10:309-16, Jul-Aug 69 (Fre)  
\*BLOOD COAGULATION TESTS/ ENGLISH  
ABSTRACT/ HUMAN/ METHODS

5085. Plouvier SR, Moine M, Latour J: Libération par choc hypotonique des facteurs plaquettaires procoagulants. Intérêt en thrombélagraphie.  
Agressologie 10:33-43, Jan-Feb 69 (Fre)  
BLOOD COAGULATION DISORDERS,  
diagnosis/ \*BLOOD COAGULATION TESTS/  
ENGLISH ABSTRACT/ HUMAN/ \*HYPOTONIC  
SOLUTIONS/ METHODS/  
\*THROMBELASTOGRAPHY

5086. Plouvier SR, Vergez-Pascal R: Etude cinétique comparée de la sédimentation globulaire, de la rétraction du callog sanguin, et du thrombélagraphie.  
Agressologie 10:371-82, Sep-Oct 69 (Fre)  
\*BLOOD COAGULATION TESTS/ \*BLOOD  
SEDIMENTATION/ CLOT RETRACTION/  
ENGLISH ABSTRACT/ HUMAN/ KINETICS/  
\*THROMBELASTOGRAPHY

5087. Plummer TH Jr: Isolation and sequence of peptides at the active center of bovine carboxypeptidase B.  
J Biol Chem 244:5246-53, 10 Oct 69  
ALKYLATION/ AMIDES/ AMINO ACID  
SEQUENCE/ AMINO ACIDS, analysis/  
AMINOPEPTIDASES/ ANIMAL  
EXPERIMENTS/ BINDING SITES/ CARBON  
ISOTOPES/ \*CARBOXYPEPTIDASES/  
CARBOXYPEPTIDASES, analysis/  
CARBOXYPEPTIDASES, isolation &  
purification/ CATTLE/ CHEMISTRY/  
CHYMOTRYPSIN/ CRYSTALLIZATION/  
ENZYME PRECURSORS, isolation &  
purification/ GEL FILTRATION/  
GUANIDINES/ IODOACETATES/ METHODS/  
PANCREATIC JUICE, enzymology/ PAPAINE/  
\*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES,  
isolation & purification/ TYROSINE

5088. Plużńska A: Stan kliniczny chorych na złazię złośliwą a wskaźnik młotyczny w hodowach krwinek białych stymulowanych fitohemaglutynina.  
Pol Arch Med Wewnet 43:1489-94, Oct 69 (Pol)  
\*BLOOD PLATELETS/ ENGLISH ABSTRACT/  
\*HODGKIN'S DISEASE, immunology/ HUMAN/  
LYMPHOCYTE TRANSFORMATION/  
LYMPHOCYTES, immunology/ \*MITOSIS/  
\*PLANT AGGLUTININS

5089. Pizak LF Jr, Rose LR, Blumberg JM, et al: U.S. Army Surgical Research Program. Recent progress and current interests.  
Amer J Surg 118:356-62, Sep 69 (29 ref.)  
ANESTHESIA/ ANTIBIOTICS, therapeutic use/  
BACTERIA, isolation & purification/ BLOOD  
PRESERVATION/ BURNS, surgery/ HUMAN/  
\*MILITARY MEDICINE/ PLASMA  
SUBSTITUTES/ RESEARCH/ RESPIRATORY  
INSUFFICIENCY, surgery/ REVIEW/ SKIN,  
transplantation/ THORACIC INJURIES,  
surgery/ TRANSPLANTATION IMMUNOLOGY/  
TRANSPORT OF WOUNDED AND SICK/  
WOUND INFECTION, microbiology/ \*WOUNDS  
AND INJURIES, surgery

5090. Pochedly C: Unusual manifestations of chronic granulocytic leukemia in a child.  
Cancer 24:1017-20, Nov 69  
BUSULFAN, therapeutic use/ CHILD/  
CHROMOSOME ABERRATIONS/  
CHROMOSOMES, HUMAN, 21-22/ \*DEAFNESS,  
etiology/ EAR DISEASES, etiology/ \*EYE  
MANIFESTATIONS/ FEMALE/  
\*HEMORRHAGIC DIATHESIS, etiology/  
HUMAN/ \*LEUKEMIA, MYELOCYTIC,  
complications/ LEUKEMIA, MYELOCYTIC,  
drug therapy/ LEUKEMIA, MYELOCYTIC,  
familial & genetic/ METHOTREXATE,  
therapeutic use/ RETINA, pathology/ SKIN



# AUTHOR SECTION

- DISEASES, etiology/ VESTIBULAR APPARATUS, pathology
5091. Podgaetskaia DA, Gershun VA, Ignatova TN, et al: Issledovanie induktsii amilazy substratom v kletkakh L. Vlianie sposoba sniatia kletok so stekla na velichinu registriruemoi amilaznoi aktivnosti. Tsitologiya 12:253-6, Feb 70 (Rus)  
\*AMYLASE, analysis/ CELL LINE/ ENGLISH ABSTRACT/ \*ENZYME INDUCTION/ \*L CELLS, enzymology/ METHODS/ STARCH/ \*TISSUE CULTURE/ TRYPSIN, analysis
5092. Podliashchuk EL: K voprosu o lucheovom lechenii gemangiom gortani u detei. Vestn Otorinolaring 32:76-9, May 70 (Rus)  
ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ \*LARYNGEAL NEOPLASMS, radiotherapy/ MALE
5093. Podliashchuk EL, Khramtsova GG: Dozimetricheskie obosnovaniia razlichnykh metodik rentgenoterapii gaimoritov i angiom kostei svoda cherepa. Med Radiol (Moskva) 14:46-51, Sep 69 (Rus)  
ENGLISH ABSTRACT/ \*HEMANGIOMA, radiotherapy/ HUMAN/ \*RADIOTHERAPY DOSAGE/ \*SINUSITIS, radiotherapy/ \*SKULL NEOPLASMS, radiotherapy
5094. Podobedova NS: Vlianie lecheniia matsestinskimi vannami v obshchem komplekse kurortnoi terapii na sodержanie geparina i beta-lipoproteidov v syvorotke krovi bol'nykh aterosklerozom. Vop Kurort Fizioter 34:255-6, May-Jun 69 (Rus)  
ADULT/ AGED/ \*ARTERIOSCLEROSIS, blood/ \*BALNEOLOGY/ FEMALE/ HEALTH RESORTS/ \*HEPARIN, blood/ HUMAN/ \*LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ UKRAINE
5095. Poetschke G: Testprogramme und Materialversand für Laboratoriumsuntersuchungen. Z Allgemeinmed 46:125-35, 30 Jan 70 (Ger)  
BLOOD PRESERVATION/ \*BLOOD SPECIMEN COLLECTION/ \*DIAGNOSIS, LABORATORY/ ENZYME TESTS/ HUMAN/ LIVER FUNCTION TESTS/ METHODS
5096. Pogorelov AI: Predlozheniia po ustanovki i ekspluatatsii sublimatsionnykh apparatov modeli KS-30. Probl Gemat 13:58-9, May 68 (Rus)  
\*BLOOD PRESERVATION, instrumentation
5097. Pogosian AS, Eliian LN, Aidinian DS, et al: Izuchenie trombopoëza pri khronicheskikh leikozakh v sviazi s razlichnymi metodami lecheniia. Zh Eksp Klin Med 9:86-90, 1969 (Rus)  
ADULT/ AGED/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, physiopathology/ \*BUSULFAN, therapeutic use/ FEMALE/ HUMAN/ \*LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, LYMPHOCYTIC, physiopathology/ \*LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKEMIA, MYELOCYTIC, physiopathology/ MALE/ MEGAKARYOCYTES, physiopathology/ \*MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE/ \*PREDNISOLONE, therapeutic use
5098. Poilleux J, Bigot R, Hivet M: Un cas d'angio-myolipome du rein révéle par un hématome enkysté. Etude artériographique. Ann Chir 24:311-5, Mar 70 (Fre)  
ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA/ HEMANGIOMA, pathology/ \*HEMATOMA, etiology/ HUMAN/ \*KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ \*LIPOMA/ LIPOMA, pathology/ MIDDLE AGE/ \*RENAL ARTERY, radiography
5099. Pokrovskii AA, Chernikova LG: Izmenenie aktivnosti inhibitorov tripsina v syvorotke krysa pri golodanii. Vop Pitan 28:82-3, Mar-Apr 69 (Rus)  
ANIMAL EXPERIMENTS/ FASTING/ RATS/ TIME FACTORS/ \*TRYPSIN INHIBITORS, blood
5100. Pokrovskii AV, Stepanian EP, Nozdachev IuI: Izmeneniia nekotorykh pokazatelei perifericheskoi krovi pod vlianiem reopoligglukina u bol'nykh s sosudistoi patologiei. Probl Gemat 14:37-42, Sep 69 (Rus)  
BLOOD COAGULATION, drug effects/ DEXTRAN, pharmacodynamics/ \*DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ \*VASCULAR DISEASES, drug therapy
5101. Pola V: Teoretické možnosti a súčasny stav laboratorní diagnostiky přenašečství hemofilie. Souborný referát. Vnitřní Lek 16:61-8, Jan 70 (79 ref.) (Cze)  
AUTOSOME ABNORMALITIES/ CHROMOSOME ABNORMALITIES/ ENGLISH ABSTRACT/ FACTOR VIII/ FEMALE/ GENES, REGULATOR/ HEMOPHILIA, blood/ \*HEMOPHILIA, familial & genetic/ HEMOZYGOTE/ HOMOZYGOTE/ HUMAN/ PROTHROMBIN, analysis/ REVIEW/ THROMBOPLASTIN, analysis/ TRISOMY
5102. Polaczek-Kornecka B, Lachowicz T: Związek niektórych antygenów gronkowcowych z modelem agowym i ilością koagulazy wytwarzanej in vitro. Med Dosw Mikrobiol 21:341-4, 1969 (Pol)  
ANTIBODIES, analysis/ \*BACTERIOPHAGE/ \*COAGULASE, biosynthesis/ ENGLISH ABSTRACT/ \*STAPHYLOCOCCUS, immunology/ \*STAPHYLOCOCCUS, metabolism
5103. Polák J: Homogennost souborů hemofilii A. Cesk Pediat 25:118-20, Mar 70 (Cze)  
ENGLISH ABSTRACT/ FAMILY CHARACTERISTICS/ GENE FREQUENCY/ HEMOPHILIA, diagnosis/ \*HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ MUTATION
5104. Polák J: Četnost genu hemofilie v obyvatelstvu, četnost mutací. Vnitřní Lek 16:1-4, Jan 70 (Cze)  
CZECHOSLOVAKIA/ ENGLISH ABSTRACT/ \*GENE FREQUENCY/ GENETICS, POPULATION/ \*HEMOPHILIA/ HUMAN/ \*MUTATION
5105. Polanowski A, Olchwiec Z: Preparacja ureazy inhibitora trypsyny z soji. Acta Pol Pharm 26:379-83, 1969 (Pol)  
ENGLISH ABSTRACT/ METHODS/ \*SOY BEANS, analysis/ \*TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics/ \*UREASE, isolation & purification/ UREASE, pharmacodynamics
5106. Polgár L, Bender ML: The nature of general base-general acid catalysis in serine proteases. Proc Nat Acad Sci USA 64:1335-42, Dec 69  
BINDING SITES/ CHEMISTRY/ CYSTEINE/ DEUTERIUM/ HISTIDINE/ KINETICS/ MODELS, CHEMICAL/ MODELS, STRUCTURAL/ \*PEPTIDE PEPTIDOHYDROLASES/ \*SERINE
5107. Polgár L, Bender ML: Simulated mutation at the active site of biologically active proteins. Advances Enzym 33:381-400, 1970 (19 ref.)  
ACETATES/ AMINO ACIDS/ \*BINDING SITES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CINNAMATES/ CYSTEINE KINETICS/ MODELS, CHEMICAL/ MUTATION/ PEPTIDE PEPTIDOHYDROLASES/ PROTEINS/ REVIEW SERINE/ SULFHYDRYL COMPOUNDS/ SULFONIC ACIDS
5108. Polin SG, Walklett WD, Sayler OL: Arteriography as adjunct to the diagnosis of splenic injury. Surgery 67:313-8, Feb 70  
\*ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ DOGS/ HEMATOMA, radiography/ \*SPLEEN, injuries/ SPLENIC RUPTURE, radiography
5109. Polkowski M, Janda R, Cencora A, et al: Wczesne zapobiegawcze postępowanie przeciwzakrzepowe operacjach odtworczych w zakresie tętnic i związanych nim problemy. Pol Tyg Lek 25:807-10, Jun 70 (P)  
ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ \*ARTERIES, surgery/



## AUTHOR SECTION

- ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ THROMBOEMBOLISM,  
prevention & control/ \*VASCULAR SURGERY
5110. Poliwođa H: The effect of plasma expanders on the formation of platelet-rich agglutination thrombi. *Bibl Haemat* 33:466-71, 1969  
BLOOD FLOW VELOCITY/ BLOOD PLATELETS, drug effects/ DEXTRAN, pharmacodynamics/ ELECTROPHORESIS/ GELATIN, pharmacodynamics/ \*PLASMA SUBSTITUTES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ \*THROMBOSIS
5111. Poliwođa H: Immunopathologische Vorgänge bei chronischen hämatologischen Krankheiten. *Deutsch Med J* 20:541-6, Sep 69 (Ger)  
\*ANEMIA, HEMOLYTIC, immunology/ ANTIBODIES, analysis/ ANTIBODY FORMATION/ AUTOANTIBODIES, analysis/ HUMAN/ \*LEUKOPENIA, immunology/ \*LYMPHATIC DISEASES, immunology/ \*THROMBOPENIA, immunology
5112. Pollak VE: Anticoagulants in the treatment of renal disease. *Ann Intern Med* 73:334-5, Aug 70  
\*ANTICOAGULANTS, therapeutic use/ GLOMERULONEPHRITIS, drug therapy/ HUMAN/ \*KIDNEY DISEASES, drug therapy
5113. Pollard JJ, Fleischli DJ, Nebesar RA: Angiography of hepatic neoplasms. *Radiol Clin N Amer* 8:31-41, Apr 70  
\*CELIAC ARTERY, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HEPATOMA, radiography/ HUMAN/ \*LIVER NEOPLASMS, radiography/ \*MESENTERIC ARTERIES, radiography/ METHODS/ NEOPLASM METASTASIS, radiography
5114. Poller L: The use of the British comparative thromboplastin for uniformity of laboratory control of oral anticoagulants. *Brit J Haemat* 17:606-7, Dec 69  
GREAT BRITAIN/ HUMAN/ \*PROTHROMBIN TIME, standards/ \*THROMBOPLASTIN, standards
5115. Poller L, Priest CM, Thomson JM: Platelet aggregation during oral contraception. *Brit Med J* 4:273-4, 1 Nov 69  
ADENINE NUCLEOTIDES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ CHLORMADINONE, pharmacodynamics/ CONTRACEPTIVES, ORAL, administration & dosage/ \*CONTRACEPTIVES, ORAL, pharmacodynamics/ \*ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ PLATELET ADHESIVENESS/ PREGNANCY/ \*PROGESTATIONAL HORMONES, pharmacodynamics
5116. Polson JB, Wosilait WD: Effect of selected antibiotics on prothrombin time of rats and the relationship to coumarin anticoagulants. *Proc Soc Exp Biol Med* 132:963-7, Dec 69  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ FACTOR VII, analysis/ FEMALE/ HAMSTERS/ INJECTIONS, INTRAPERITONEAL/ \*PROTHROMBIN TIME/ PUROMYCIN, pharmacodynamics/ RATS/ VITAMIN K/ \*WARFARIN, pharmacodynamics
5117. Póltorak JL, Wiechno W: Leczenie schorzeń trzustki inhibitorem kalikreiny-trypsyny. *Pol Tyg Lek* 25:810-2, Jun 70 (Pol)  
ACUTE DISEASE/ ADULT/ AGED/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ \*PANCREATIC DISEASES, drug therapy
5118. Polushkina EE: Dinamika pokazatelei tromboelastogram, protrombinovogo vremeni i soderzhanija fibrinogena, v plazme krovi krolikov, baktisirovannykh btszh. *Probl Tuberk* 47:72-6, 1969 (Rus)
- ANIMAL EXPERIMENTS/ \*BCG VACCINATION/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN/ MALE/ PROTHROMBIN TIME/ RABBITS/ THROMBELASTOGRAPHY/ TUBERCULOSIS, prevention & control
5119. Polya GM, Jagendorf AT: Inactivation of energy-linked functions of chloroplasts by polyanions at low pH. *Arch Biochem* 138:540-50, Jun 70  
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATE, biosynthesis/ CALCIUM/ CHLORIDES/ CHLOROPLASTS, drug effects/ \*CHLOROPLASTS, metabolism/ ELECTRON TRANSPORT/ ELECTROPHORESIS, DISK/ FERRICYANIDES, pharmacodynamics/ FERROCYANIDES, pharmacodynamics/ GLUCURONATES, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIGHT/ MAGNESIUM/ PHOSPHORUS, metabolism/ POLYVINYLs, pharmacodynamics/ PROTEIN DENATURATION/ SULFATES
5120. Polz G, Krell G: Presence of N-formyl- and N-acetyl-methionine in the proteins of honey bee thorax. *Biochem Biophys Res Commun* 39:516-21, 11 May 70  
\*ACETATES, metabolism/ \*BEES, metabolism/ CHROMATOGRAPHY/ ELECTROPHORESIS/ \*FORMATES, metabolism/ \*METHIONINE, metabolism/ MITOCHONDRIA, metabolism/ PAPER/ PEPTIDE HYDROLASES/ SULFUR ISOTOPES
5121. Ponchon Y, Chelloul N, Roujeau J: Contribution à l'étude anatomo-pathologique de l'hippocratisme digital. *Sem Hop Paris* 45:2604-11, 20 Oct 69 (Fre)  
ADOLESCENCE/ AGED/ ANEURYSM, complications/ ANGIOGRAPHY/ ANGIOMATOSIS, complications/ ARTHRITIS, RHEUMATOID, complications/ CONNECTIVE TISSUE, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ \*FINGERS/ FINGERS, blood supply/ \*FINGERS, radiography/ HUMAN/ HYPERPLASIA/ MALE/ MIDDLE AGE/ OSTEOARTHROPATHY, PRIMARY HYPERTROPHIC, diagnosis/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, diagnosis/ \*OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, pathology/ \*OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, radiography/ OSTEOPOROSIS, complications/ PERIOSTITIS, complications/ SCLEROSIS, complications/ VASCULAR DISEASES, complications
5122. Ponsen RJ: De behandeling van longfunctiestoornissen bij vetembolie. *Nederl T Geneesk* 114:931-3, 30 May 70 (Dut)  
ANTICOAGULANTS, therapeutic use/ \*EMBOLISM, FAT, complications/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPERVENTILATION, therapy/ OXYGEN INHALATION THERAPY/ \*RESPIRATORY INSUFFICIENCY, therapy/ RESPIRATORY TRACT DISEASES, etiology/ \*RESPIRATORY TRACT DISEASES, therapy
5123. Ponte F, Cascio G: Sintomatologia oculare in un caso di crioglobulinemia essenziale. *Boll Oculist* 47:503-17, Aug 68 (Ita)  
BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD PROTEIN DISORDERS, complications/ \*CRYOGLOBULINS, blood/ ENGLISH ABSTRACT/ \*EYE MANIFESTATIONS/ FUNDUS OCULI, blood supply/ HUMAN/ MALE/ MIDDLE AGE/ OPHTHALMOSCOPY/ \*RETINAL HEMORRHAGE, etiology
5124. Ponticelli C, Imbasciati E, Graziani G: Haemolytic-uraemic syndrome and heparin therapy. *Lancet* 1:246-7, 31 Jan 70  
ADULT/ \*ANEMIA, HEMOLYTIC, drug therapy/ FEMALE/ \*HEPARIN, therapeutic



# AUTHOR SECTION

- use/ HUMAN/ \*KIDNEY FAILURE, ACUTE, drug therapy/ PREGNANCY/ PREGNANCY COMPLICATIONS/ THROMBOPENIA, drug therapy
5125. Pontz B, Meigel W, Rauterberg J, et al: Localization of two species specific antigenic determinants on the peptide chains of calf skin collagen. *Europ J Biochem* 16:50-4, Sep 70  
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ \*ANTIGENS/ CATTLE/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ \*COLLAGEN, analysis/ CYANIDES/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ PEPSIN/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ RABBITS/ SKIN
5126. Pool JG: Cryoprecipitated factor 8 concentrate. *Bibl Haemat* 34:23-9, 1970  
\*BLOOD TRANSFUSION/ \*FACTOR VIII/ FACTOR VIII, isolation & purification/ FACTOR VIII, therapeutic use/ HEMOPHILIA, therapy/ HUMAN/ MALE
5127. Pop M, Pop A, Dincă C, et al: Unele rezultate ale coafajului experimental cu substanțe biologice al pulpei dentare la cline. *Stomatologia (Bucur)* 16:397-403, Sep-Oct 69 (Rum)  
ANIMAL EXPERIMENTS/ \*DENTAL PULP, drug effects/ \*DENTAL PULP CAPPING/ DOGS/ ENGLISH ABSTRACT/ \*FIBRIN, pharmacodynamics/ \*HYDROCORTISONE, TOPICAL, pharmacodynamics/ \*PENICILLIN, pharmacodynamics/ \*PULPITIS, drug therapy/ \*STREPTOMYCIN, pharmacodynamics
5128. Popescu E: Rolul unor polipeptide și derivați proteici în inflamații. *Stud Cercet Med Intern* 10:29-37, 1969 (21 ref.) (Rum)  
ANIMAL EXPERIMENTS/ BRADYKININ/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ \*INFLAMMATION, etiology/ KALLIDIN/ KALLIKREIN/ KININS/ \*PEPTIDE HYDROLASES/ \*PEPTIDES/ REVIEW
5129. Popescu ER, Coliță A, Butoianu E, et al: Purpura trombocitopenică trombohemolitică. Cadru nosologic (prezentare de caz anatomo-clinic) *Med Intern (Bucur)* 21:999-1004, Aug 69 (Rum)  
ADULT/ \*ANEMIA, HEMOLYTIC, ACQUIRED, complications/ CAPILLARIES/ FEMALE/ HUMAN/ \*PURPURA, THROMBOPENIC, complications/ \*THROMBOSIS, complications
5130. Popescu TA, Cuculianu M, Mihu S: Aspecte genetice ale activității lipolitice postheparinice a plasmelor în ateroscleroză. *Stud Cercet Med Intern* 10:251-6, 1969 (Rum)  
ADOLESCENCE/ ADULT/ \*ARTERIOSCLEROSIS, blood/ \*ARTERIOSCLEROSIS, familial & genetic/ ENGLISH ABSTRACT/ FEMALE/ \*HEPARIN, pharmacodynamics/ HUMAN/ \*LIPIDS, blood/ MALE/ MIDDLE AGE
5131. Popescu TA, Popescu E, Crisnic I: Timpul de liză al euglobulinelor și adezivitatea trombocitară la tinerii obezi. *Stud Cercet Med Intern* 10:161-6, 1969 (Rum)  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ \*OBESITY, blood/ PLATELET ADHESIVENESS
5132. Poplawska A, Poplawska T: Rola płytek krwi w skazie krwotocznej w przebiegu przewlekłej hipowitaminozy c u świnek morskich. *Acta Physiol Pol* 21:363-9, May-Jun 70 (Pol)  
ADENINE NUCLEOTIDES, biosynthesis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID/ \*BLOOD PLATELETS/ FIBRINOGEN/ GUINEA PIGS/ \*HEMORRHAGIC DIATHESIS, blood/ HEMORRHAGIC DIATHESIS, complications/ PLATELET ADHESIVENESS/ \*SCURVY, blood/ SCURVY, complications
5133. Poplowski A: The effect of angiotensin II on the platelet aggregation induced by adenosine diphosphate, epinephrine and thrombin. *Experientia* 26:86, 15 Jan 70  
\*ADENINE NUCLEOTIDES, pharmacodynamics/ \*ANGIOTENSIN, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ \*EPINEPHRINE, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ STIMULATION, CHEMICAL/ \*THROMBIN, pharmacodynamics/ THROMBOEMBOLISM, etiology
5134. Popov S, Dohmen M, Egli H: Heparinbehandlung im haemorrhagisch-traumatischen Schock. *Langenbecks Arch Chir* 325:60-8, 1969 (Ger)  
ADULT/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ SHOCK, HEMORRHAGIC, complications/ \*SHOCK, HEMORRHAGIC, drug therapy/ SHOCK, HEMORRHAGIC, mortality/ SHOCK, TRAUMATIC, complications/ \*SHOCK, TRAUMATIC, drug therapy/ SHOCK, TRAUMATIC, mortality/ TIME FACTORS
5135. Popov S, Egli H, Dohmen M: Therapie und Prophylaxe der disseminierten intravaskulären Gerinnung. *Med Welt* 45:2458-71, 8 Nov 69 (Ger)  
ACCIDENTS, TRAFFIC/ ADULT/ BLOOD COAGULATION TESTS/ FEMALE/ HEMORRHAGIC DIATHESIS, drug therapy/ \*HEMORRHAGIC DIATHESIS, etiology/ \*HEMORRHAGIC DIATHESIS, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS
5136. Popov S, Egli H: Generelle Antikoagulantien-Propylaxe in der Chirurgie. *Med Welt* 51:2769-71, 20 Dec 69 (Ger)  
ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ HEMORRHAGE, prevention & control/ HUMAN/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ THROMBOSIS, prevention & control
5137. Popov VG, Beljakova TI, Sophijeva IJ: Die Behandlung der akuten und chronischen Coronarinsuffizienz mit Carbochromen. *Arzneimittelforschung* 20:467-8, Mar 70 (Ger)  
ACUTE DISEASE/ ADULT/ AGED/ \*ANGINA PECTORIS, drug therapy/ \*ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ \*CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*HYPERTENSION, drug therapy/ HYPOTENSION, chemically induced/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ PAIN, chemically induced/ PAIN, drug effects/ SLEEP DISORDERS, chemically induced/ VASODILATOR AGENTS, administration & dosage/ VASODILATOR AGENTS, adverse effects/ \*VASODILATOR AGENTS, therapeutic use/ VERTIGO, chemically induced
5138. Popoviciu L, Pascu I, Waitsuk P, et al: Contribuția valorii diagnostice și prognostice a testelor dislipidemie, de coagulare și de adezivitate trombocitară în afecțiunile vasculare cerebrale. *Stud Cercet Neurol* 14:57-65, 1969 (Rum)  
BLOOD COAGULATION DISORDERS, diagnosis/ \*BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, diagnosis/ \*BLOOD PLATELETS/ \*CEREBROVASCULAR DISORDERS, blood/ ENGLISH ABSTRACT/ HUMAN/ HYPERLIPEMIA, diagnosis/ \*LIPIDS, blood/ PLATELET ADHESIVENESS
5139. Poput'eva ZV: Proteoliticheskaia aktivnost' krovodnorodnykh detei. *Vop Okhr Materin Dets* 14:59-61, May 69 (R)  
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT



# AUTHOR SECTION

FEMALE/ HUMAN/ INFANT/ MALE/  
\*PEPTIDE HYDROLASES, blood

5140. Porfiri L, Capponi E: Torsione acuta del grande omento. Acta Chir Ital 24:51-65, Jan-Feb 68 (Ita)  
ADHESIONS, complications/ ADULT/  
ENGLISH ABSTRACT/ HERNIA, surgery/  
HUMAN/ LAPAROTOMY, adverse effects/  
MALE/ \*OMENTUM/ \*PERITONEAL  
DISEASES/ \*TORSION
5141. Portanova R, Smith DK, Sayers G: A trypsin technic for the preparation of isolated rat anterior pituitary cells. Proc Soc Exp Biol Med 133:573-6, Feb 70  
ANIMAL EXPERIMENTS/ \*CORTICOTROPIN,  
analysis/ HYPOTHALAMUS/ IN VITRO/  
MALE/ METHODS/ \*PITUITARY GLAND,  
cytology/ RATS/ TISSUE EXTRACTS/  
\*TRYPSIN
5142. Porter IH, Benedict WF, Brown CD, et al: Recent advances in molecular pathology: a review. Some aspects of chromosome changes in cancer. Exp Molec Path 11:340-67, Dec 69 (110 ref.)  
ADENOCARCINOMA, familial & genetic/  
AGAMMAGLOBULINEMIA, familial & genetic/  
ANEMIA, SIDEROBLASTIC,  
familial & genetic/ BRAIN NEOPLASMS,  
familial & genetic/ BREAST NEOPLASMS,  
familial & genetic/ BURKITT'S LYMPHOMA,  
familial & genetic/ CARCINOMA,  
BRONCHOGENIC, familial & genetic/  
CARCINOMA, EPIDERMAL, familial &  
genetic/ CERVIX NEOPLASMS, familial &  
genetic/ \*CHROMOSOME ABERRATIONS/  
CHROMOSOME ABNORMALITIES/  
CHROMOSOMES, radiation effects/  
CHROMOSOMES, HUMAN, 1-3/  
CHROMOSOMES, HUMAN, 4-5/  
CHROMOSOMES, HUMAN, 13-15/  
CHROMOSOMES, HUMAN, 21-22/ CLONE  
CELLS/ CYTOPATHOGENIC EFFECT, VIRAL/  
ERYTHREMIC MYELOSIS, familial & genetic/  
HUMAN/ KARYOTYPING/ LEUKEMIA,  
MYELOBLASTIC, familial & genetic/  
LEUKEMIA, MYELOCYTIC,  
familial & genetic/ LUNG NEOPLASMS,  
familial & genetic/ MACROGLOBULINEMIA,  
familial & genetic/ MELANOMA, familial &  
genetic/ MENINGIOMA, familial & genetic/  
MITOSIS/ \*NEOPLASMS, familial & genetic/  
ONCOGENIC VIRUSES/ OVARIAN  
NEOPLASMS, familial & genetic/ RADIATION  
GENETICS/ REVIEW/ SARCOMA, EWING'S,  
familial & genetic/ THROMBOPENIA, familial  
& genetic/ UTERINE NEOPLASMS, familial &  
genetic
5143. Porter JM, McGregor FH Jr, Mullen DC, et al: Fibrinolytic activity of mesothelial surfaces. Surg Forum 20:80-2, 1969  
ADHESIONS, etiology/ ANIMAL  
EXPERIMENTS/ DOGS/ \*FIBRINOLYSIS/  
HUMAN/ PERICARDIUM, injuries/  
\*PERICARDIUM, physiology/ PERITONEUM,  
injuries/ \*PERITONEUM, physiology/ PLEURA,  
injuries/ \*PLEURA, physiology
5144. Portman OW, Alexander M: Metabolism of sphingolipids by normal and atherosclerotic aorta of squirrel monkeys. J Lipid Res 11:23-30, Jan 70  
ANIMAL EXPERIMENTS/ AORTA, cytology/  
\*AORTA, metabolism/ AORTIC DISEASES,  
blood/ \*AORTIC DISEASES, metabolism/  
ARTERIOSCLEROSIS, blood/  
\*ARTERIOSCLEROSIS, metabolism/ BRAIN,  
metabolism/ CARBON ISOTOPES/ CAROTID  
ARTERIES, metabolism/ CEREBROSIDES,  
biosynthesis/ CHOLESTEROL/  
CHROMATOGRAPHY, THIN LAYER/  
COENZYME A/ DIET, ATHEROGENIC/  
DIETARY FATS/ FEMALE/ LIPIDS,  
biosynthesis/ \*LIPIDS, metabolism/ LIVER,  
metabolism/ MONKEYS/ PALMITIC ACID,  
metabolism/ RATS/ SPHINGOMYELINS,  
biosynthesis/ SPHINGOMYELINS, blood/ TIME  
FACTORS
5145. Portman OW, Alexander M, Osuga T: Heterogeneity of lipid composition of microsome subfractions from aorta and liver. Biochim Biophys Acta 187:435-8, 28 Oct 69  
ACYLTRANSFERASES, analysis/ ANIMAL  
EXPERIMENTS/ \*AORTA, analysis/ AORTA,  
cytology/ AORTA, enzymology/ CELL  
MEMBRANE/ CEPHALINS, analysis/  
CHOLESTEROL, analysis/ DIET,  
ATHEROGENIC/ GLUCOSEPHOSPHATASE,  
analysis/ HYPERCHOLESTEREMIA,  
metabolism/ LECITHINS, biosynthesis/  
\*LIPIDS, analysis/ LIVER, cytology/ MALE/  
METHODS/ \*MICROSOMES, analysis/  
MICROSOMES, enzymology/ \*MICROSOMES,  
LIVER, analysis/ MICROSOMES, LIVER,  
enzymology/ MONKEYS/ NUCLEOTIDASES,  
analysis/ PHOSPHOLIPIDS, analysis/  
POLYSACCHARIDES/ RATS/  
SPHINGOMYELINS, analysis
5146. Portnova NG, Nesterin MF: Viliannie fermentnykh preparatov mikrobnogo proiskhozhdeniya na fermentativnuyu funktsiyu zheludka i podzhehudochnoi zhelezy. Vop Pitan 28:45-9, Jul-Aug 69 (Rus)  
\*AMYLASE, metabolism/ ANIMAL  
EXPERIMENTS/ ASPERGILLUS, enzymology/  
BACILLUS, enzymology/ BACILLUS SUBTILIS,  
enzymology/ BACTERIA, enzymology/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ ENZYMES, administration &  
dosage/ \*ENZYMES, pharmacodynamics/  
\*GASTRIC MUCOSA, enzymology/  
PANCREAS, enzymology/ \*PEPSIN,  
metabolism/ \*PEPTIDE HYDROLASES/  
STIMULATION, CHEMICAL/ TIME FACTORS/  
\*TRYPSIN, metabolism/ \*TRYPSIN  
INHIBITORS
5147. Pospisil M, Beran M: Cultivation of animal cells in a chamber employing the continuous flow of plasma from extracorporeal circuits. Progr Immunobiol Stand 3:369-72, 1969  
ANIMAL EXPERIMENTS/ ANTIGENS/  
CULTURE MEDIA/ \*EXTRACORPOREAL  
CIRCULATION/ GOATS/ HEPARIN/ LYMPH  
NODES, immunology/ METHODS/ \*TISSUE  
CULTURE, instrumentation
5148. Pössnerová V: Experimental reproduction of intracellular granules from heparin and neomycin in cultivated normal and leukaemic leucocytes. Neoplasma (Bratisl) 16:573-7, 1969  
BASOPHILS/ BLOOD DONORS/  
\*CYTOPLASMIC GRANULES/ HEPARIN/  
HUMAN/ LEUKEMIA/ \*LEUKOCYTES/  
MONOCYTES/ MUCOPOLYSACCHARIDES,  
analysis/ NEOMYCIN/ PHOSPHOLIPIDS,  
analysis/ STAINS AND STAINING/ \*TISSUE  
CULTURE
5149. Postolov MP, Alimov TU: Koagulogramma i tromboelastogramma bol'nykh ostrym kholetsistitom i ikh izmeneniya posle kholetsistektomii. Klin Khir (Kiev) 9:50-4, Sep 67 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION  
TESTS/ \*CHOLECYSTECTOMY/  
\*CHOLECYSTITIS, blood/ CHOLECYSTITIS,  
surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE  
AGE/ THROMBELASTOGRAPHY
5150. Postolov MP, Keimova IE, Khidolatov MA: Svertyvalushchaya i protivosvertyvalushchaya sistema krovi pri lazvennoi bolezni i ee oslozhneniyakh. Khirurgiya (Moskva) 45:40-4, Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION DISORDERS, etiology/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ \*PEPTIC ULCER,  
blood/ PEPTIC ULCER HEMORRHAGE, blood/  
PEPTIC ULCER PERFORATION, blood
5151. Potapov MI: Ispol'zovanie tripsina raznogo izgotovleniya dlia vylavleniya nepolnykh antitel v syrovotkakh. Lab Delo 12:725-7, 1969 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTIBODIES,  
isolation & purification/ ERYTHROCYTES,  
immunology/ GOATS/ HEMAGGLUTINATION  
TESTS/ \*IMMUNE SERUMS/ IN VITRO/ LE  
CELLS/ METHODS/ TECHNOLOGY,  
MEDICAL/ \*TRYPSIN



# AUTHOR SECTION

5152. Potemkina AM: Ainaika nekotorykh neiro-gumoral-nykh pokazatelei pri bronkhial'noi astme u detei. *Pediatrila* 48:86-91, Sep 69 (Rus)  
ADOLESCENCE/ \*ASTHMA, immunology/  
CHILD/ CHILD, PRESCHOOL/ FEMALE/  
\*HEPARIN, blood/ \*HISTAMINE, blood/  
HUMAN/ MALE/ \*SEROTONIN, blood
5153. Potemkina AMk, Kolesov DV, Bassalyk LS, et al: Pokazateli aktivnosti geparina, gistamina, serotoninu u zdorovykh detei 4-15 let. *Pediatrila* 49:18-22, Jun 70 (Rus)  
ADOLESCENCE/ AGE FACTORS/ AGING/  
CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEPARIN, blood/  
\*HISTAMINE, blood/ HUMAN/ MALE/  
\*SEROTONIN, blood
5154. Potemkina AM, Torik Zhi: Modifikatsiia mikrometoda opredeleniia urovnia geparina v krovi. *Lab Delo* 8:488-90, 1969 (Rus)  
ADOLESCENCE/ CHILD/ \*HEPARIN, analysis/  
HUMAN/ METHODS/ MICROCHEMISTRY/  
VEINS
5155. Potter JC: Iso-anticorps anti-leucocytes et anti-plaquettes. *Infirm Franc* 108:15-6, Oct 69 (Fre)  
BLOOD PLATELETS, immunology/  
ISOANTIBODIES/ LEUKOCYTES, immunology/  
SPECIAL LIST NURSING
5156. Potolochna GA: Pro izoimmunizatsiiu trombotsitarnimi antigenami pri povtornikh vagitnostlakh. *Pediatr Akush Ginek* 4:33-5, Jul-Aug 69 (Ukr)  
\*ANTIGENS, analysis/ \*AUTOIMMUNE  
DISEASES/ \*BLOOD PLATELETS,  
immunology/ FEMALE/ HUMAN/ INFANT,  
NEWBORN, DISEASES, etiology/ PARITY/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, immunology/ PURPURA,  
THROMBOPENIC, etiology
5157. Potter GD: The pterygopalatine fossa and canal. *Amer J Roentgen* 107:520-5, Nov 69  
\*ANGIOMA, SCLEROSING, radiography/  
\*CARCINOMA, EPIDERMOID, radiography/  
HUMAN/ \*MAXILLA, radiography/  
\*MAXILLARY FRACTURES, radiography/  
\*NASOPHARYNGEAL NEOPLASMS,  
radiography/ SPHENOID BONE, injuries/  
\*SPHENOID BONE, radiography/  
TECHNOLOGY, RADIOLOGIC
5158. Potuznik V: Use of dextran sulphate in the demonstration of bacteria in blood (preliminary report). *J Hyg Epidem (Praha)* 14:121-2, 1970  
ANTICOAGULANTS/ \*BACTERIA, isolation &  
purification/ BACTERIOLOGICAL TECHNIQS/  
\*BLOOD, microbiology/ BLOOD  
BACTERICIDAL ACTIVITY/ CITRATES,  
pharmacodynamics/ CULTURE MEDIA/  
\*DEXTRAN, diagnostic use/ HUMAN/  
SEPTICEMIA, diagnosis/ SODIUM,  
pharmacodynamics/ SULFATES, diagnostic use
5159. Pouillaude JM, Thouverez JP, Francois R, et al: Les insuffisancds plaquettaires fonctionnelles chez le nourrisson et l'enfant. A propos de 7 observations. *Pediatrila* 24:973-82, Dec 69 (Fre)  
BLOOD COAGULATION TESTS/ \*BLOOD  
PLATELET DISORDERS, diagnosis/ BLOOD  
PLATELETS, analysis/ CHILD, PRESCHOOL/  
FEMALE/ HUMAN/ INFANT/ INFANT,  
NEWBORN/ MALE/ \*VON WILLEBRAND'S  
DISEASE, diagnosis
5160. Poupa O, Carlsten A: Isoproterenol-induced cardiac lesions in frog observed in vivo. *Canad J Physiol Pharmacol* 48:306-11, May 70  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/  
\*DISEASE MODELS, ANIMAL/ FEMALE/  
FROGS/ \*HEART, drug effects/ HEART  
ANEURYSM, chemically induced/ HEART  
ANEURYSM, pathology/ \*HEART DISEASES,  
chemically induced/ HEART DISEASES,  
pathology/ HEART NEOPLASMS, chemically  
induced/ HEART VENTRICLE, drug effects/  
HEAT/ HEMATOMA, chemically induced/  
HUMIDITY/ \*ISOPROTERENOL/ MALE/  
TEMPERATURE
5161. Powers JC, Wilcox PE: Design and synthesis of inhibitors for crystallographic studies on the active site of chymotrypsin. *J Amer Chem Soc* 92:1782-3, 25 Mar 70  
\*BINDING SITES/ CHEMISTRY/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
CRYSTALLOGRAPHY/ PEPTIDES, chem  
synthesis
5162. Pozdniakov VA, Sayko LA: Bakteriologicheskii kontrol' konservirovannoi krovi, ee komponentov i preparatov. *Probl Gemat* 12:52-4, Sep 67 (Rus)  
\*BACTERIA, isolation & purification/  
BACTERIOLOGICAL TECHNIQS/ \*BLOOD,  
microbiology/ \*BLOOD PRESERVATION/  
HUMAN/ \*PLASMA, microbiology
5163. Poznanski AK: Simultaneous screen and nonscreen films for evaluation of lumps of the skull and spine. *Radiology* 95:424, May 70  
\*HEMATOMA, radiography/ HUMAN/  
\*MENINGOCELE, radiography/ METHODS/  
\*SKULL, radiography/ \*SPINE, radiography/  
\*TECHNOLOGY, RADIOLOGIC
5164. Pozner H, Billimoria JD: Effect of smoking on blood-clotting and lipid and lipoprotein levels. *Lancet* 760:1318-21, 20 Jun 70  
ADULT/ \*BLOOD COAGULATION/  
CHOLESTEROL, blood/ FEMALE/  
FIBRINOLYSIS/ HUMAN/ \*LIPIDS, blood/  
\*LIPOPROTEINS, blood/ MALE/  
PHOSPHOLIPIDS, blood/ SEX FACTORS/  
\*SMOKING/ TRIGLYCERIDES
5165. Prabhu VK, Hema P: Influence of recurrent nerve severance on haemolymph proteins in *Periplaneta americana* L. *Experientia* 25:1115, 15 Oct 69  
ANIMAL EXPERIMENTS/ \*BLOOD PROTEINS,  
analysis/ FEMALE/ \*HEMOLYMPH, analysis/  
\*INSECTS, physiology/ \*NEUROSECRETORY  
SYSTEMS, physiology/ NEUROSECRETORY  
SYSTEMS, surgery/ PEPTIDE HYDROLASES,  
metabolism/ STOMACH, enzymology/  
\*STOMACH, innervation
5166. Prado Vargas G: Anomalia de May Hegglin como etiopatogenia de purpura trombocitopenica (consideraciones sobre 22 nuevos casos) *Bol Asoc Med P Rico* 62:52-9, Feb 70 (Spa)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
PLATELET DISORDERS, complications/  
BLOOD PLATELET DISORDERS, familial &  
genetic/ CHILD/ ENGLISH ABSTRACT/  
EOSINOPHILS/ FEMALE/ HEMATOLOGIC  
DISEASES, complications/ HUMAN/  
\*LEUKOCYTES/ MALE/ NEUTROPHILS/  
PEDIGREE/ \*PURPURA, THROMBOPENIC,  
etiology
5167. Praga C, Pogliani E: Agrégation plaquettaire par l'AD en présence de produits de dégradation du fibrinogène. *Nouv Rev Franc Hemat* 9:575-7, Jul-Aug 69 (Fre)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
BLOOD COAGULATION TESTS/ \*BLOOD  
PLATELETS/ BLOOD VESSELS,  
physiopathology/ EPITHELIUM,  
physiopathology/ \*FIBRINOGEN, metabolism/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ PLATELET  
ADHESIVENESS/ STREPTOKINASE,  
pharmacodynamics/ THROMBIN,  
pharmacodynamics
5168. Prager DJ, Feigen GA: Response of the sensitized hea to oxidized and reduced streptolysin O. *Int Arch Allerg* 38:175-84, 1970  
\*ANAPHYLAXIS, immunology/ ANIMAL  
EXPERIMENTS/ ATROPINE,  
pharmacodynamics/ GUINEA PIGS/ \*HEART,  
drug effects/ \*HEART ATRIUM, immunology/  
HEPARIN, pharmacodynamics/ HISTAMINE  
LIBERATION/ ILEUM, immunology/ IMMUNE  
SERUMS/ IMMUNITY, ACTIVE/ IMMUNITY,  
PASSIVE/ IN VITRO/ MUSCLE  
CONTRACTION, drug effects/  
\*STREPTOLYSIN, pharmacodynamics/  
TRIPLENNAMINE, pharmacodynamics



## AUTHOR SECTION

5169. Prah JW, Mandy WJ, Todd CW: The molecular determinants of the A11 and A12 allotypic specificities in rabbit immunoglobulin. *Biochemistry (Wash)* 8:4935-40, Dec 69  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BINDING SITES/ CHYMOTRYPSIN/ CYANIDES/ \*GAMMA GLOBULIN, 7S/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GENETICS, BIOCHEMICAL/ HEMAGGLUTINATION INHIBITION TESTS/ HOMOZYGOTE/ IMMUNE SERUMS/ \*METHIONINE/ OVALBUMIN/ \*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, biosynthesis/ PEPTIDES, isolation & purification/ RABBITS/ SEROTYPING/ \*THREONINE
5170. Prakash C, Arya RK, Singla KP: Study of platelet adhesiveness and serum magnesium levels in cases of acute myocardial infarction. *J Ass Physicians India* 17:499-504, Sep 69  
ADHESIVENESS/ ADULT/ AGED/ \*BLOOD PLATELETS/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ \*MAGNESIUM, blood/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, blood
5171. Prasad GC, Rajan KT: Effect of insulin on bone in tissue culture. *Acta Orthop Scand* 41:44-56, 1970  
ANIMAL EXPERIMENTS/ BONE AND BONES, anatomy & histology/ \*BONE DEVELOPMENT, drug effects/ \*CARTILAGE, drug effects/ CHICK EMBRYO/ COLLAGEN, analysis/ GLUCURONATES, analysis/ HEXOSAMINES, analysis/ HISTOCYTOCHEMISTRY/ IN VITRO/ \*INSULIN, pharmacodynamics/ MICRORADIOGRAPHY/ MUCOPOLYSACCHARIDES, biosynthesis/ NEURAMINIC ACIDS, analysis/ \*PEPTIDE HYDROLASES, pharmacodynamics/ SULFUR ISOTOPES/ TIBIA, growth & development/ TISSUE CULTURE
5172. Prasad GC, Singh RH: Annanase induced degenerative arthritis and the effect of an indigenous drug. *Indian J Med Res* 57:1095-102, Jun 69  
ANIMAL EXPERIMENTS/ \*ARTHRITIS, chemically induced/ MODELS, BIOLOGIC/ \*PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT EXTRACTS, pharmacodynamics/ PLANTS, enzymology/ \*PLANTS, MEDICINAL/ RABBITS
5173. Pratt HW 2d, Celander DR: Effect of an inhibitor of fibrinolysis upon the intravascular clearance of fibrin monomer in dogs. *J Amer Osteopath Ass* 69:1049-50, Jun 70  
ANIMAL EXPERIMENTS/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ CELL MEMBRANE PERMEABILITY/ \*CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DOGS/ \*FIBRIN, metabolism/ FIBRINOGEN, metabolism/ IODINE ISOTOPES/ PLASMA VOLUME/ TRICHLOROACETIC ACID, metabolism
5174. Pratt JH, Gunnlaugsson GH: Vaginal hysterectomy by morcellation. *Mayo Clin Proc* 45:374-87, May 70  
BLOOD TRANSFUSION/ FEMALE/ HEMORRHAGE/ HEMOSTASIS/ HUMAN/ \*HYSTERECTOMY/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SURGICAL INSTRUMENTS/ UTERUS, blood supply/ VAGINA
5175. Premuzić-Lampi M, Mohorovićić D, Zgrablić M: Koloidencija PhI negativne kronične mijeloze i verukoznog karcinoma mandibularne gingive u graciđitetu. *Liječn Vjesn* 91:971-5, 1969 (Cro)  
ADULT/ \*CARCINOMA, PAPILLARY, complications/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ GINGIVAL DISEASES, complications/ HEMORRHAGIC DIATHESIS/ HUMAN/ \*LEUKEMIA, MYELOCYTIC, complications/ \*MANDIBULAR NEOPLASMS, complications/ PREGNANCY/ \*PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ THROMBOPENIA
5176. Prentice CR, Hassanein AA, McNicol GP, et al: Studies on the haemostatic mechanism following exercise. *Brit J Haemat* 17:611, Dec 69  
\*BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ \*EXERTION/ FACTOR VIII, analysis/ \*FIBRINOLYSIS/ HUMAN/ PLATELET ADHESIVENESS/ SPLENECTOMY
5177. Prescott LF: Pharmacokinetic drug interactions. *Lancet* 2:1239-43, 6 Dec 69  
ADRENAL CORTX HORMONES, metabolism/ ANTICOAGULANTS, metabolism/ ANTICONVULSANTS, metabolism/ \*DRUG SYNERGISM/ \*DRUGS, metabolism/ GASTROINTESTINAL MOTILITY, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINAL ABSORPTION, drug effects/ MONOAMINE OXIDASE INHIBITORS, metabolism/ STEROIDS, metabolism/ TOLBUTAMIDE, metabolism
5178. Press EM, Hogg NM: The amino acid sequences of the Fd fragments of two human gamma-1 heavy chains. *Biochem J* 117:641-60, May 70  
\*AMINO ACID SEQUENCE/ ASPARTIC ACID/ BINDING SITES/ CARBOHYDRATES/ CARBON ISOTOPES/ CHYMOTRYPSIN/ ELECTROPHORESIS/ \*GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ HEAVY CHAIN DISEASE/ HUMAN/ TRYPSIN
5179. Preston DF, Greenlaw RH: "Hot spots" in lung scans. *J Nucl Med* 11:422-5, Jul 70  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ DOGS/ HUMAN/ IODINE ISOTOPES/ LUNG, radiography/ \*LUNG DISEASES, diagnosis/ PERFUSION/ \*RADIOISOTOPE SCANNING
5180. Preussner S, Frick G: Die Lymphozytenisolierung aus Spenderblut zur Herstellung von Antihumanlymphozytenseren. *Deutsch Gesundh* 24:2050-4, 23 Oct 69 (Ger)  
\*ANTILYMPHOCYTE SERUM, isolation & purification/ BLOOD DONORS/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ HUMAN/ \*LYMPHOCYTES, immunology/ METHODS
5181. Prevato G, Barbul T, Guarnieri GF, et al: Intorno ad alcune prerogative terapeutiche della fenetilbiguanide nel diabete mellito. Effetti del farmaco sul peso corporeo, la colesterolemia, la fibrinolisi, la lattacidemia. *Clin Ter* 50:27-36, 15 Jul 69 (Ita)  
\*BODY WEIGHT, drug effects/ \*CHOLESTEROL, blood/ \*DIABETES MELLITUS/ \*DIABETES MELLITUS, drug therapy/ \*FIBRINOLYSIS, drug effects/ HUMAN/ \*LACTATES, blood/ \*PHENFORMIN, therapeutic use
5182. Previna AI, Pshukov SI: Izmenenie pokazatelei elektromiografii krovi u bol'nykh tromboflebitom, lechennykh preparatami fibrinoliticheskogo i antikoagulantnogo deistviya. *Vestn Khir Grekov* 103:70-4, Oct 69 (Rus)  
ADULT/ AGED/ \*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ \*THROMBELASTOGRAPHY/ \*THROMBOPHLEBITIS, drug therapy
5183. Prez M, Soots G: Utilisation d'un anticoagulant, l'acénocoumarol en chirurgie cardio-vasculaire. *Lille Med* 14:Suppl 3:508+, Apr 69 (Fre)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/ \*CARDIOVASCULAR DISEASES, surgery/ \*EMBOLISM, prevention & control/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*THROMBOSIS, prevention & control
5184. Prez M, Soots G: Utilisation d'un anticoagulant,



# AUTHOR SECTION

- l'Acénocoumarol en chirurgie cardio-vasculaire.  
Lille Med 14:Suppl 3:508+, Apr 69 (Fre)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/  
\*CARDIOVASCULAR DISEASES, drug therapy/  
CARDIOVASCULAR DISEASES, surgery/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE
5185. Pribilla W: Über die Funktionen der Milz.  
Z Ges Inn Med 24:497-500, 15 Aug 69 (Ger)  
ANTIBODY FORMATION/ BLOOD  
PLATELETS, drug effects/ ENGLISH  
ABSTRACT/ ERYTHROPOIESIS/ HUMAN/  
NOREPINEPHRINE, administration & dosage/  
PHAGOCYTOSIS/ SPLEEN, immunology/  
\*SPLEEN, physiology/ SPLEEN,  
physiopathology/ SPLENECTOMY/  
SPLENOMEGALY, physiopathology
5186. Pribr D, Luyet B: A search for the factors of injury in  
the rewarming of rapidly frozen blood.  
Blodynamica 10:229-40, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD  
PRESERVATION/ CATTLE/  
CRYSTALLIZATION/ \*FREEZING/ HEAT/  
\*HEMOLYSIS/ POLYVINYLPIRROLIDONE
5187. Pribylova NN: Funktsional'noe sostoianie  
podzheludochnoi zhelezy pri gemorragicheskoi  
likhoradke s pochechnym sindromom.  
Ter Arkh 41:100-4, Jun 69 (Rus)  
ADOLESCENCE/ ADULT/ AMYLASE, analysis/  
\*AMYLASE, blood/ AMYLASE, urine/ BLOOD  
SUGAR, analysis/ DUODENUM, analysis/  
ENGLISH ABSTRACT/ EPIDEMIC  
HEMORRHAGIC FEVER, drug therapy/  
\*EPIDEMIC HEMORRHAGIC FEVER,  
physiopathology/ FEMALE/  
GLUCOCORTICOIDS, therapeutic use/  
HUMAN/ \*KIDNEY DISEASES,  
physiopathology/ LIPASE, analysis/ \*LIPASE,  
blood/ MALE/ MIDDLE AGE/ \*PANCREAS,  
physiopathology/ TRYPSIN, analysis
5188. Pringle JR: The molecular weight of the undegraded  
polypeptide chain of yeast hexokinase.  
Biochem Biophys Res Commun 39:46-52, 8 Apr 70  
ACRYLATES/ COMPARATIVE STUDY/  
DETERGENTS/ ELECTROPHORESIS/ GEL  
FILTRATION/ GELS/ GUANIDINES/  
\*HEXOKINASE/ HEXOKINASE, standards/  
METHODS/ MOLECULAR WEIGHT/ PEPTIDE  
HYDROLASES/ \*PEPTIDES/  
\*SACCHAROMYCES, enzymology
5189. Prino G, Mantovani M: Iperlipemia ed ipofibrinolisi  
nella malattia arteriosclerotica.  
Boll Chimicofarm 106:67-84, Feb 67 (172 ref.) (Ita)  
ADULT/ ANIMAL EXPERIMENTS/  
ARTERIOSCLEROSIS, drug therapy/  
\*ARTERIOSCLEROSIS, etiology/  
\*ARTERIOSCLEROSIS, metabolism/ BLOOD  
COAGULATION TESTS/ CHOLESTEROL,  
metabolism/ CORONARY DISEASE, etiology/  
DIET/ DIET, ATHEROGENIC/ FATS,  
metabolism/ FATS, UNSATURATED/  
FEMALE/ FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ \*HYPERLIPEMIA/  
IODINE ISOTOPES/ LIPOPROTEINS, blood/  
LIPOPROTEINS, metabolism/ MALE/  
METHODS/ MIDDLE AGE/ RABBITS/ RATS/  
REVIEW/ TISSUE EXTRACTS, analysis
5190. Prino G, Mantovani M, Butti A: Attivazione della lisi  
euglobulinica indotta dall'ateroid (R)  
Boll Soc Ital Biol Sper 45:133-7, 31 Jan 69 (Ita)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/  
FIBRINOLYSIS, drug effects/ \*FIBRINOLYTIC  
AGENTS, pharmacodynamics/ RATS/ \*SERUM  
GLOBULINS
5191. Prino G, Mantovani M: Aspetti farmacologici  
dell'attività fibrinolitica dell'Ateroid.  
Minerva Med 60:Suppl 99:5015+, 12 Dec 69 (Ita)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS, drug effects/  
\*HEPARINOID, pharmacodynamics/ IN VITRO/  
RABBITS/ RATS
5192. Prino G, Mantovani M, Butti A: Uso del  
tromboelastografo per la registrazione del tempo di  
lisi euglobulinica in ratti normali e con fibrinolisi  
sperimentalmente modificata.  
Farmaco [Prat] 24:552-61, Sep 69 (Ita)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS, drug effects/  
FIBRINOLYTIC AGENTS, pharmacodynamics/  
HEPARIN, pharmacodynamics/ HEPARINOID,  
pharmacodynamics/ MALE/  
MUCOPOLYSACCHARIDES, pharmacodynamics/  
RATS/ \*SERUM GLOBULINS/ SODIUM,  
pharmacodynamics/ THROMBELASTOGRAPHY/  
TIME FACTORS
5193. Prino G, Mantovani M: Aspetti farmacologici della  
fibrinolisi.  
Boll Chimicofarm 106:655-75 contd, Nov 69 (Ita)  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ \*FIBRINOLYSIS/  
\*FIBRINOLYTIC AGENTS, pharmacodynamics/  
HUMAN
5194. Prino G, Mantovani M: Aspetti farmacologici della  
fibrinolisi.  
Boll Chimicofarm 106:727-60 passimf, Dec 69 (613 ref.) (Ita)  
ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ \*ANTI-INFLAMMATORY AGENTS,  
therapeutic use/ ARTERIOSCLEROSIS, drug  
therapy/ BLOOD COAGULATION FACTORS/  
BLOOD COAGULATION TESTS/  
\*FIBRINOLYSIS, drug effects/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HUMAN/ MYOCARDIAL INFARCT, drug  
therapy/ REVIEW
5195. Prishlak VD: Funktsional'noe sostoianie  
svertyvalushchei i protivosvertyvalushchei sistemy  
krovi u bol'nykh sakharnym diabetom.  
Vrach Delo 8:19-21, Aug 69 (Ru)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
COAGULATION DISORDERS/ \*BLOOD  
COAGULATION TESTS/ \*DIABETES  
MELLITUS, blood/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE
5196. Pristoupil TI: The use of PVC membrane filters  
specific chromatographic carriers for rapid  
ultra-micro-analysis of proteins.  
J Chromatogr 49:550-1, 24 Jun 70  
ANIMAL EXPERIMENTS/ BLOOD CHEMICALS/  
ANALYSIS/ CHLORINE/  
CHROMATOGRAPHY/ DOGS/ HEMOGLOBIN,  
analysis/ HORSES/ HYDROGEN-ION  
CONCENTRATION/ \*MEMBRANES,  
ARTIFICIAL/ MICROCHEMISTRY/  
MYOGLOBIN, analysis/ OVALBUMIN, analysis/  
POLYVINYL/ PROTEIN BINDING/  
\*PROTEINS, analysis/ SERUM ALBUMIN,  
analysis/ TRYPSIN, analysis
5197. Probst FG, Orr HC: Short-term storage at 4°C  
trypsinized tissues. Appl Microbiol 19:387-8, Feb  
69  
ANIMAL EXPERIMENTS/ CHICK EMBRYO/  
EMBRYO/ HAMSTERS/ MONKEYS/ RABBIT  
REFRIGERATION/ \*TEMPERATURE/ \*TISSUE  
PRESERVATION/ \*TRYPSIN
5198. Procházka J: Přspěvek k otázce tzv. screeningových  
testů u hemofilie. Vnitřní Lek 16:69-72, Jan 70 (Cz)  
\*BLOOD COAGULATION TESTS/ ENGLISH  
ABSTRACT/ \*HEMOPHILIA, diagnosis/  
HUMAN/ MASS SCREENING/ PROTHROMBIN  
TIME/ THROMBOPLASTIN, analysis
5199. Procházka J: Bleeding time after aspirin in intrinsic  
clotting disorders. New Eng J Med 282:753, 26 Mar  
69  
ADULT/ \*ASPIRIN, pharmacodynamics/  
\*BLOOD COAGULATION TESTS/ FACTOR  
VIII, antagonists & inhibitors/ FEMALE/  
\*HEMORRHAGIC DIATHESIS/ HUMAN/ VON  
WILLEBRAND'S DISEASE, diagnosis
5200. Procházka J: Experience with Owren's thrombotest  
control of anticoagulant therapy.  
Sborn Ved Prac Lek Fak Karlov Univ 12:529-36, 1969



# AUTHOR SECTION

- \*BLOOD COAGULATION TESTS/  
COMPARATIVE STUDY/ FACTOR VII,  
analysis/ FACTOR X, analysis/ HUMAN/  
METHODS/ PROTHROMBIN TIME
5201. Procházka J, Fischer O: K otázce vhodného zaměstnání  
pro nemocné s hemofilií  
Vnitřní Lek 16:53-6, Jan 70 (Cze)  
CZECHOSLOVAKIA/ ENGLISH ABSTRACT/  
\*HEMOPHILIA/ HUMAN/ \*OCCUPATIONS/  
PREVENTIVE MEDICINE
5202. Prokop O: Zur Frage eventuell "neuer"  
Polymorphismen von Serumproteinen.  
Beitr Gerichte Med 26:154-8, 1969 (Ger)  
ADULT/ \*BLOOD PROTEINS/ CHILD/  
ENGLISH ABSTRACT/ GENETICS, HUMAN/  
HUMAN/ \*LIPOPROTEINS, blood/ TRYPSIN
5203. Prokopchuk A Ia, Korsyn VF, Eremenko SA, et al:  
Fermenty pláštěvaritělného traktu při zábolevaniakh  
zabolevaniakh.  
Przegl Derm 56:583-7, Sep-Oct 69 (Rus)  
\*AMYLASE, analysis/ AMYLASE, blood/  
AMYLASE, urine/ BLOOD SUGAR, analysis/  
CHOLINESTERASE, blood/ ENGLISH  
ABSTRACT/ \*GASTROINTESTINAL SYSTEM,  
enzymology/ HUMAN/ PEPsin, blood/  
\*PEPTIDE HYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/ \*SKIN  
DISEASES, enzymology/ \*UROPEPSIN, analysis
5204. Prokubovskii VI, Filimonov MI: Dlítel'noe vvedenie  
lekarstvennykh veshchestv v aortu pri zabolevaniakh  
organov břišnoi polosti.  
Khirurgiya (Moskva) 45:21-7, May 69 (Rus)  
\*ANTIBIOTICS, administration & dosage/  
\*ANTINEOPLASTIC AGENTS, administration  
& dosage/ AORTA/ BLOOD TRANSFUSION/  
CATHETERIZATION/ ENGLISH ABSTRACT/  
FEMORAL ARTERY/ \*GASTROINTESTINAL  
DISEASES, drug therapy/  
GASTROINTESTINAL NEOPLASMS, drug  
therapy/ HUMAN/ INJECTIONS,  
INTRA-ARTERIAL/ INTESTINAL  
OBSTRUCTION, drug therapy/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
administration & dosage/ NECROSIS, drug  
therapy/ \*PANCREATIC DISEASES, drug  
therapy/ \*PERITONITIS, drug therapy/  
\*PROCAINE, administration & dosage
5205. Pronk EA, Elkerbout F, Klein F, et al: Therapy of  
macroglobulinaemia. Comparison of the effect of  
therapy on the level of monoclonal immunoglobulins  
and on clinical symptoms in four cases of  
waldenström's macroglobulinaemia and one case of  
IgA myeloma. Acta Med Scand 186:273-81, Oct 69  
AGAR/ AGED/ ALKYLATING AGENTS,  
therapeutic use/ ANEMIA, HEMOLYTIC, drug  
therapy/ BLOOD COAGULATION DISORDERS,  
drug therapy/ BLOOD PROTEIN DISORDERS,  
diagnosis/ \*BLOOD PROTEIN DISORDERS,  
drug therapy/ BLOOD VISCOSITY, drug  
effects/ CHLORAMBUCIL, therapeutic use/  
CLINICAL RESEARCH/ ELECTROPHORESIS/  
FEMALE/ GAMMA GLOBULIN, analysis/  
GAMMA GLOBULIN, 7S, analysis/ GAMMA  
GLOBULIN, 19S, analysis/ HEMOLYSIS, drug  
effects/ HUMAN/  
IMMUNOELECTROPHORESIS/  
\*MACROGLOBULINEMIA, drug therapy/  
MALE/ MIDDLE AGE/ \*MULTIPLE  
MYELOMA, drug therapy/ PREDNISONE,  
therapeutic use
5206. Prosnitz L, Kawasaki S, Cohen GS, et al: Ethyl  
palmitate-induced splenic destruction.  
J Reticuloendothel Soc 6:487-97, Oct-Dec 69  
ALCOHOL, ETHYL, blood/ \*ALCOHOL,  
ETHYL, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ BLOOD PLATELETS/  
ESTERS, pharmacodynamics/ GUINEA PIGS/  
HEMATOCRIT/ LEUKOCYTE COUNT/ MICE/  
NECROSIS, chemically induced/ ORGAN  
SPECIFICITY/ PALMITIC ACID, blood/  
\*PALMITIC ACID, pharmacodynamics/  
RABBITS/ RATS/ SPECIES SPECIFICITY/  
\*SPLEEN, drug effects/ \*SPLENECTOMY
5207. Protasevich AI: Primenenie proteoliticheskikh  
fermentov pri lechenii ostryykh gnoynykh zabolevanií  
chellustno-litsevoi oblasti.  
Vestn Khir Grekov 102:83-5, Mar 69 (Rus)  
ACUTE DISEASE/ CHYMOTRYPSIN,  
therapeutic use/ \*FOCAL INFECTION,  
DENTAL, drug therapy/ HUMAN/ \*JAW  
DISEASES, drug therapy/ \*MOUTH DISEASES,  
drug therapy/ \*OSTEOMYELITIS, drug  
therapy/ \*PEPTIDE HYDROLASES, therapeutic  
use/ \*PHLEGMON, drug therapy/ TRYPSIN,  
therapeutic use
5208. Protasova NS: Nekotorye pokazateli svertyvalushchei  
protivosvertyvalushchei sistemy krovi pri  
nekotorykh formakh koronarnoi nedostatochnosti.  
Klin Med (Moskva) 47:54-7, Jul 69 (Rus)  
\*AGED/ \*BLOOD COAGULATION/ \*BLOOD  
COAGULATION FACTORS, analysis/ \*BLOOD  
COAGULATION TESTS/ \*CORONARY  
DISEASE, blood/ ENGLISH ABSTRACT/  
HUMAN/ \*MIDDLE AGE
5209. Protsenko VA: K voprosu ispol'zovaniia standartnykh  
pankreaticheskikh preparatov v kachestve antigena v  
reaktsii passivnoi gemagglutinatsii.  
Lab Delo 12:723-5, 1969 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTIGENS/  
AUTOANTIBODIES, isolation & purification/  
DOGS/ FEMALE/ \*HEMAGGLUTINATION  
TESTS/ KIDNEY, immunology/ MALE/  
METHODS/ MYOCARDIUM, immunology/  
\*PANCREATIC EXTRACTS/ PANCREATIN/  
SPLEEN, immunology/ TECHNOLOGY,  
MEDICAL/ TRYPSIN
5210. Prytz B, Grossi CE, Rousselot LM: In vitro formation of  
ammonia in blood of g and man.  
Clin Chem 16:277-9, Apr 70  
\*AMMONIA, blood/ ANIMAL EXPERIMENTS/  
BLOOD PRESERVATION/ COLD/ DIALYSIS/  
DOGS/ ENZYMES, antagonists & inhibitors/  
ENZYMES, blood/ ERYTHROCYTES, analysis/  
HUMAN/ NIALAMIDE/ PLASMA, analysis/  
SPECIES SPECIFICITY/ SULFONAMIDES/  
TIME FACTORS
5211. Przybłowski J, Kośmider S: Choroba  
Leśniewskiego-Crohna o nietypowym przebiegu.  
Pol Tyg Lek 25:823-4, Jun 70 (Pol)  
ADOLESCENCE/ CECUM, pathology/  
DIAGNOSIS, DIFFERENTIAL/ ENGLISH  
ABSTRACT/ \*ENTERITIS, REGIONAL,  
complications/ ENTERITIS, REGIONAL,  
diagnosis/ FEMALE/ HUMAN/ INTESTINAL  
PERFORATION, etiology/ THROMBOCYTOSIS,  
complications
5212. Pstružinová H, Příhodová E, Bartoš J: Změny  
hemokoagulace po rekonstrukčních operacích  
obliterovaných tepen dolních končetin.  
Cas Lek Cesk 108:1409-13, 14 Nov 69 (Cze)  
ADULT/ ANTICOAGULANTS, therapeutic use/  
\*ARTERIOSCLEROSIS OBLITERANS,  
complications/ ARTERIOSCLEROSIS  
OBLITERANS, surgery/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ \*ETHYL BISCUOMACETATE,  
therapeutic use/ EXTREMITIES/ HEMATURIA,  
etiology/ HUMAN/ MALE/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
THROMBOEMBOLISM, prevention & control
5213. Pstružinová H, Stuchlíková E, Soukupová K, et al: Vliv  
podání glukózy na hemokoagulaci a fibrinolýzu ve  
vztahu k věku a obezitě.  
Sborn Lek 72:150-6, May 70 (Cze)  
ADULT/ AGE FACTORS/  
ARTERIOSCLEROSIS, blood/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS, drug effects/  
\*GLUCOSE, administration & dosage/ HUMAN/  
MIDDLE AGE/ \*OBESITY, blood
5214. Pudlák P, Farská I, Brabec V, et al: Coagulation  
findings in rats with experimental hypersplenism and  
their changes after splenectomy and after  
administration of adrenaline.  
Thromb Diath Haemorrh 23:593-600, 30 Jun 70



## AUTHOR SECTION

- ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION DISORDERS, etiology/  
\*BLOOD COAGULATION DISORDERS,  
therapy/ BLOOD COAGULATION TESTS/  
\*EPINEPHRINE/ EPINEPHRINE, therapeutic  
use/ FACTOR V, analysis/ FACTOR VII,  
analysis/ FACTOR VIII, analysis/  
\*HYSPERSPLENISM, blood/ HYPERSPLENISM,  
complications/ KAOLIN/ RATS/  
\*SPLENECTOMY/ THROMBOPLASTIN
5215. Pugachev AG, Kuz'minov OD, Generalov AI, et al: Opyt obezboivaniia pri khirurgicheskikh operatsiakh u detei s zabolevaniiami sistemy krovi. (Rus)  
Probl Gemat 15:15-9, 1970  
ADOLESCENCE/ \*ANEMIA, therapy/ ANEMIA,  
APLASTIC, therapy/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, therapy/ ANEMIA,  
HEMOLYTIC, CONGENITAL, therapy/  
\*ANESTHESIA, INTRATRACHEAL/ CHILD/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
HUMAN/ INFANT/ \*PURPURA,  
THROMBOPENIC, therapy/ \*SPLENECTOMY
5216. Pugatch EM, Foster EA, Macfarlane DE, et al: The extraction and separation of activators and inhibitors of fibrinolysis from bovine endothelium and mesothelium. Brit J Haemat 18:669-81, Jun 70  
ANIMAL EXPERIMENTS/  
\*ANTIFIBRINOLYTIC AGENTS, isolation & purification/ \*AORTA, analysis/ CATTLE/  
ELECTROPHORESIS/ EPITHELIUM, analysis/  
FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS,  
isolation & purification/ FREEZE DRYING/  
\*PERITONEUM, analysis/ \*PLEURA, analysis/  
\*PORTAL VEIN, analysis/ TISSUE EXTRACTS
5217. Puhon Z: Protease composition of a rennet substitute from *Bacillus subtilis* and properties of its component proteases. J Dairy Sci 52:1372-8, Sep 69  
\*BACILLUS SUBTILIS, enzymology/ CASEIN,  
metabolism/ CENTRIFUGATION/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
ELECTROPHORESIS/ METHYLCELLULOSE/  
\*NITROGEN, metabolism/ PEPTIDE  
HYDROLASES, analysis/ \*PEPTIDE  
HYDROLASES, isolation & purification/  
\*RENNIN/ TRICHLOROACETIC ACID,  
pharmacodynamics
5218. Pulec JL: Facial nerve tumors.  
Ann Otol 78:962-82, Oct 69  
ADULT/ AGED/ \*FACIAL NERVE/ FACIAL  
NERVE, radiography/ FACIAL NERVE,  
surgery/ \*FACIAL PARALYSIS, etiology/  
FEMALE/ HEARING DISORDERS, surgery/  
HEMANGIOMA, CAVERNOUS, pathology/  
HEMANGIOMA, CAVERNOUS, surgery/  
HUMAN/ MALE/ METHODS/ MIDDLE AGE/  
\*NEOPLASMS, NERVOUS TISSUE/  
\*NEUROMA/ NEUROMA, complications/  
NEUROMA, diagnosis/ NEUROMA, radiography
5219. Puls W, Kroneberg G: Experimentelle Untersuchungen über die blutzuckersenkende Wirkung von Rinder-Proinsulin. Diabetologia 5:325-30, Oct 69 (Ger)  
ALLOXAN DIABETES, blood/ ANIMAL  
EXPERIMENTS/ \*BLOOD SUGAR, analysis/  
CATTLE/ CHEMISTRY/ DEPRESSION,  
CHEMICAL/ ENGLISH ABSTRACT/ FASTING/  
FEMALE/ HEPATECTOMY/ INSULIN/  
\*INSULIN, pharmacodynamics/ MICE/  
NEPHRECTOMY/ PANCREATECTOMY/ RATS/  
TIME FACTORS/ TRYPSIN
5220. Puchenok NA: Opasnosti, svlazzannye s zamennym perelivaniem krovi u novorozhdennykh (obzor literatury)  
Vop Okhr Materin Dets 14:51-4, Mar 69 (31 ref.) (Rus)  
BLOOD PRESERVATION/  
ERYTHROBLASTOSIS, FETAL, therapy/  
\*EXCHANGE TRANSFUSION, adverse effects/  
HEART, physiopathology/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ INFANT,  
NEWBORN/ POTASSIUM, blood/ REVIEW
5221. Purcell G Jr, Nessel HL: Factor XI (PTA) deficiency. Surgical and obstetric aspects.  
Obstet Gynec 35:69-74, Jan 70
- ADENOIDECTOMY/ BLOOD CELL COUNT/  
BLOOD COAGULATION TESTS/ BLOOD  
PLATELETS/ FACTOR VIII, analysis/  
FACTOR IX, analysis/ \*FACTOR XI/ FACTOR  
XI, analysis/ FACTOR XI DEFICIENCY,  
complications/ FEMALE/ FIBRINOGEN,  
analysis/ \*HEMORRHAGIC DIATHESIS,  
complications/ HUMAN/ MIDDLE AGE/  
\*POSTOPERATIVE COMPLICATIONS, etiology/  
THROMBOPLASTIN, analysis/  
TONSILLECTOMY
5222. Puszkun E, Aledort L, Puszkun S: The labeling of dicarboxylic amino acids and their amides by glucose and acetate in human platelets.  
J Lab Clin Med 75:234-43, Feb 70  
\*AMINO ACIDS, blood/ AMINO ACIDS,  
isolation & purification/ ASPARAGINE,  
biosynthesis/ ASPARAGINE, blood/ ASPARTIC  
ACID, biosynthesis/ ASPARTIC ACID, blood/  
BIOLOGICAL ASSAY/ \*BLOOD PLATELETS,  
analysis/ BLOOD PLATELETS, metabolism/  
CARBON ISOTOPES/ GLUTAMATES,  
biosynthesis/ GLUTAMATES, blood/  
GLUTAMINE, biosynthesis/ GLUTAMINE,  
blood/ HUMAN/ RADIOMETRY/ URANIUM
5223. Pyndina AM: Ispol'zovanie epsilon-aminokapronovoi kisloty dlia lecheniia vazomotornykh rinitov. Vestn Otorinolaring 31:82-6, Sep-Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/  
\*AMINOCAPROIC ACID, therapeutic use/  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ GUINEA PIGS/ \*HAY FEVER,  
drug therapy/ HUMAN/ MIDDLE AGE
5224. Pyörälä K: Genetic control of the response to coumarin anticoagulants in the rat. Humangenetik 9:265-7, 1970  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION FACTORS/ DRUG  
TOLERANCE/ FACTOR VII, analysis/  
FEMALE/ INBREEDING/ MALE/ RATS/ SEX  
FACTORS/ \*WARFARIN, metabolism
5225. Pyörälä T, Lampinen V: Gynekologisten leikkausten suorittaminen antikoagulanttisuojassa. Duodecim 85:1004-10, 1969 (Fin)  
ADULT/ AGED/ ENGLISH ABSTRACT/  
FEMALE/ \*GYNECOLOGIC DISEASES,  
surgery/ \*GYNECOLOGIC NEOPLASMS,  
surgery/ HEMORRHAGE,  
prevention & control/ HUMAN/ MIDDLE  
AGE/ PREOPERATIVE CARE/  
THROMBOPHLEBITIS, prevention & control/  
\*WARFARIN, therapeutic use
5226. Pyrg LA: Pokazateli funktsional'nogo sostoiianiia pecheni pri khronicheskoi pochechnoi nedostatochnosti. Vrach Delo 7:66-70, Jul 69 (Rus)  
ADULT/ BLOOD SUGAR, analysis/  
CHOLINESTERASE, blood/ ENGLISH  
ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/  
GALACTOSE, diagnostic use/ HEPARIN,  
diagnostic use/ HUMAN/  
HYPERBILIRUBINEMIA/ \*KIDNEY FAILURE,  
CHRONIC, physiopathology/ \*LIVER,  
physiopathology/ MALE

### Q

5227. Quattrin N, Dini E, Di Girolamo R, et al: Atypical chronic lymphoproliferative disease with cold agglutininemia, cryoglobulinemia and gamma G, gamma A, gamma M, gamma D hyperglobulinemia. Schweiz Med Wschr 100:306-8, 14 Feb 70  
ANEMIA, diagnosis/ ANEMIA, HEMOLYTIC,  
diagnosis/ ANGIONEUROTIC EDEMA,  
complications/ ANTIBODIES/ \*BLOOD  
PROTEIN DISORDERS, complications/ BLOOD  
SEDIMENTATION/ BONE MARROW  
EXAMINATION/ COLD/ \*CRYOGLOBULINS/  
EPISTAXIS, complications/ \*HEMATOLOGIC  
DISEASES, diagnosis/ HUMAN/  
HYPERGAMMAGLOBULINEMIA, complications/  
LEUKEMIA, diagnosis/ LYMPH NODES,  
pathology/ LYMPHOCYTOSIS, diagnosis/  
MALE/ MIDDLE AGE/ PLASMA CELLS,  
cytology/ PRURITUS, complications/  
PURPURA, complications/ SPLENOMEGALY,  
complications/ THROMBOPENIA, diagnosis



## AUTHOR SECTION

5228. Quick AJ: Ice in treatment of hemophilic bleeding.  
New Eng J Med 283:597, 10 Sep 70  
BLOOD COAGULATION TESTS/ COLD/  
\*HEMOPHILIA, therapy/ HUMAN/ \*ICE
5229. Quick AJ: Aspirin, platelets and hemostasis.  
New Eng J Med 283:598, 10 Sep 70  
ASPIRIN, adverse effects/ \*ASPIRIN,  
diagnostic use/ BLOOD COAGULATION/  
BLOOD COAGULATION TESTS/ \*BLOOD  
PLATELETS/ \*HEMOSTASIS/ HUMAN
5230. Quick AJ: Thromboplastin as a reagent.  
Thromb Diath Haemorrh 23:585-92, 30 Jun 70  
ANIMAL EXPERIMENTS/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
BRAIN/ DOGS/ HUMAN/  
HYPOPROCONVERTINEMIA, diagnosis/  
HYPOPROTHROMBINEMIAS, diagnosis/  
\*INDICATORS AND REAGENTS/ PHENOLS/  
PROTHROMBIN TIME/ RABBITS/  
\*THROMBOPLASTIN/ THROMBOPLASTIN,  
diagnostic use/ THROMBOPLASTIN, isolation  
& purification/ TISSUE EXTRACTS
5231. Quick AJ: Control of anticoagulant treatment.  
Lancet 2:1255, 6 Dec 69  
\*ANTICOAGULANTS, therapeutic use/ BLOOD  
COAGULATION FACTORS, analysis/ HUMAN/  
PROTHROMBIN, analysis/ \*PROTHROMBIN  
TIME
5232. Quick AJ: The vascular component in hemostasis.  
New Eng J Med 283:186-9, 23 Jul 70  
ADULT/ AGED/ ASPIRIN, diagnostic use/  
BLOOD COAGULATION TESTS, standards/  
\*BLOOD VESSELS, physiology/ FEMALE/  
\*HEMORRHAGIC DIATHESIS, diagnosis/  
\*HEMOSTASIS/ HUMAN/ PROTHROMBIN  
TIME/ PURPURA, THROMBOPENIC,  
diagnosis/ TELANGIECTASIA, HEREDITARY  
HEMORRHAGIC, diagnosis/ TEMPERATURE/  
THROMBOPENIA, diagnosis/ TOURNIQUETS
5233. Quick AJ: Hemophilia and aspirin.  
JAMA 213:1689, 7 Sep 70  
ADULT/ \*ASPIRIN, adverse effects/ FACTOR  
XIII/ \*HEMOPHILIA/ HEMOPHILIA,  
prevention & control/ HUMAN/ MALE/  
PLASMA
5234. Quiñones PA: Conducta terapéutica en los  
hemangiomatos tumorales infantiles.  
Actas Dermosif (Madrid) 60:195-9, Jul-Aug 69 (Spa)  
CHILD/ CHILD, PRESCHOOL/  
\*HEMANGIOMA, CAVERNOUS, therapy/  
HUMAN/ INFANT/ INFANT, NEWBORN
- R**
5235. Raab W: Behandlungsmöglichkeiten bei allergischen  
Erkrankungen.  
Ther Gegenw 108:1710 passim, 1969 (Ger)  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,  
therapeutic use/ ANTI-INFLAMMATORY  
AGENTS, therapeutic use/  
GLUCOCORTICOIDS, therapeutic use/  
HUMAN/ \*HYPERSENSITIVITY, drug therapy/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ MICE/ RATS/  
SYMPATHOMIMETICS, therapeutic use/  
TRANQUILIZING AGENTS, therapeutic use/  
TRYPSIN INHIBITORS, therapeutic use
5236. Rabe W: Über eine Irrtumsmöglichkeit bei der  
Deutung hirnatrophischer Befunde.  
Wien Z Nervenheilk 27:365-82, 1969 (Ger)  
ADOLESCENCE/ ADULT/ ARTERIOVENOUS  
MALFORMATIONS, complications/  
ARTERIOVENOUS MALFORMATIONS,  
diagnosis/ ATROPHY/ BRAIN DISEASES,  
complications/ \*BRAIN DISEASES, diagnosis/  
BRAIN DISEASES, etiology/ BRAIN  
NEOPLASMS, complications/ \*BRAIN  
NEOPLASMS, diagnosis/ CEREBRAL  
VENTRICLES, blood supply/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
EPILEPSY, diagnosis/ FEMALE/  
HEMANGIOMA, complications/  
HEMANGIOMA, diagnosis/ HUMAN/ MALE/  
MIDDLE AGE/ PNEUMOENCEPHALOGRAPHY
5237. Rabin H: Hemocytes, hemolymph, and defense  
reactions in crustaceans.  
J Reticuloendothel Soc 7:195-207, Feb 70  
ANIMAL EXPERIMENTS/ BACILLUS  
MEGATERIUM, drug effects/ BACILLUS  
SUBTILIS, drug effects/ BACTERIOCINS,  
pharmacodynamics/ BLOOD CELL COUNT/  
\*BLOOD CELLS/ BLOOD PROTEINS, analysis/  
COLIPHAGES/ CRUSTACEA, immunology/  
\*CRUSTACEA, physiology/ FIBRINOGEN,  
analysis/ GAFFKYA, pathogenicity/  
HEMOCYANIN, analysis/ \*HEMOLYMPH,  
cytology/ PHAGOCYTOSIS/ PSEUDOMONAS  
AERUGINOSA, drug effects/ SALMONELLA  
TYPHOSA, drug effects/ SERUM ALBUMIN,  
BOVINE, metabolism/ STAPHYLOCOCCUS,  
drug effects/ VIBRIO, pathogenicity
5238. Rabiner SF, Molinas F: The role of phenol and phenolic  
acids on the thrombocytopathy and defective platelet  
aggregation of patients with renal failure.  
Amer J Med 49:346-51, Sep 70  
ADENINE NUCLEOTIDES/ \*BLOOD  
PLATELET DISORDERS, metabolism/ \*BLOOD  
PLATELETS, drug effects/ COLLAGEN/  
HUMAN/ IN VITRO/ \*KIDNEY FAILURE,  
CHRONIC, metabolism/ KIDNEY FAILURE,  
CHRONIC, therapy/ MANDELIC ACID, blood/  
MANDELIC ACID, metabolism/ \*MANDELIC  
ACID, pharmacodynamics/ PERITONEAL  
DIALYSIS/ PHENOLS, blood/ PHENOLS,  
metabolism/ \*PHENOLS, pharmacodynamics/  
PLATELET ADHESIVENESS, drug effects/  
TIME FACTORS
5239. Rabinovich EM, Bronshtein KhI: Sluchai sindroma  
Stivena-Dzhonsona s tizhenym techenium i  
iskhodom v sleptou.  
Vestn Oftal 2:93-4, Jan-Feb 70 (Rus)  
ADHESIONS/ ADULT/ \*BLINDNESS, etiology/  
CASE REPORT/ CICATRIX/ CONJUNCTIVA/  
CORNEAL OPACITY/ ENGLISH ABSTRACT/  
EYELIDS/ FEMALE/ HUMAN/  
\*STEVENS-JOHNSON SYNDROME,  
complications
5240. Rabinovitch M: Phagocytosis of modified erythrocytes  
by macrophages and L2 cells.  
Exp Cell Res 56:326-32, Aug 69  
ALCOHOL, METHYL, pharmacodynamics/  
ALDEHYDES, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ CATTLE/ CELL LINE/  
CHYMOTRYPSIN, pharmacodynamics/  
CYTOCHROMES, pharmacodynamics/ ENZYME  
PRECURSORS, pharmacodynamics/  
\*ERYTHROCYTES/ FEMALE/ HORSES/ IN  
VITRO/ \*MACROPHAGES/ MALE/ MICE/  
MURAMIDASE, pharmacodynamics/  
OVALBUMIN, pharmacodynamics/ PAPAIN,  
pharmacodynamics/ PEPTIDE HYDROLASES,  
pharmacodynamics/ PEPTIDE  
PEPTIDOHYDROLASES, pharmacodynamics/  
PERITONEUM/ \*PHAGOCYTOSIS/  
PHAGOCYTOSIS, drug effects/ SERUM  
ALBUMIN, BOVINE, pharmacodynamics/  
SULFONIC ACIDS, pharmacodynamics/  
SURFACE PROPERTIES/ TISSUE CULTURE/  
TRYPSIN, pharmacodynamics
5241. Rabukhina NA, Agapov VS: Rentgenologicheskie  
izmeneniia kostei litsevogo cherepa pri  
gemangiomakh miagkikh tkanei litsa.  
Vestn Rentgen Radiol 44:45-9, Nov-Dec 69 (Rus)  
ADOLESCENCE/ ADULT/ ENGLISH  
ABSTRACT/ \*FACIAL BONES, radiography/  
\*FACIAL NEOPLASMS, radiography/  
FEMALE/ \*HEMANGIOMA, CAVERNOUS,  
radiography/ HUMAN/ MALE/ MIDDLE AGE
5242. Raby C: Une coagulation intravasculaire disséminée  
(C.I.D.) à l'origine des syndromes hémorragiques des  
états de souffrance du post-partum et du  
post-abortum.  
Gynec Obstet (Paris) 68:479-96, 1969 (Fre)  
\*ABORTION, complications/ BLOOD  
CIRCULATION/ \*BLOOD COAGULATION  
DISORDERS/ BLOOD PLATELET DISORDERS/



## AUTHOR SECTION

- BLOOD TRANSFUSION/ CAPILLARIES,  
physiopathology/ CAPILLARY  
PERMEABILITY/ ENGLISH ABSTRACT/  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, complications/  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, drug therapy/  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, etiology/ ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR,  
physiopathology/ ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR, therapy/  
FEMALE/ FIBRINOLYSIS/ FIBRINOLYTIC  
AGENTS, administration & dosage/  
HEMODYNAMICS/ \*HEMORRHAGE,  
POSTPARTUM, etiology/ HEMORRHAGIC  
DIATHESIS, etiology/ HEPARIN,  
administration & dosage/ HUMAN/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
PLASMINOGEN, administration & dosage/  
PLATELET ADHESIVENESS/ PREGNANCY/  
PUERPERIUM/ REVIEW/ THROMBOPLASTIN
5243. Raby C: Trois raisons d'instituer une  
héparinoprévention précoce et prolongée dans les  
transplantations d'organes.  
Presse Med 78:653-4, 21 Mar 70 (Fre)  
ARTERIOSCLEROSIS, prevention & control/  
\*HEART, transplantation/ \*HEPARIN,  
therapeutic use/ HISTOCOMPATIBILITY/  
HUMAN/ \*THROMBOEMBOLISM, prevention &  
control/ TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION IMMUNOLOGY
5244. Raby C, Bertrand H: Dextran et coagulation  
dynamique. Presse Med 77:1819-20, 22 Nov 69 (Fre)  
\*BLOOD COAGULATION, drug effects/  
DEXTRAN, administration & dosage/  
\*DEXTRAN, pharmacodynamics/ FIBRIN,  
physiology/ HEMOSTASIS/ HEPARIN,  
pharmacodynamics/ HUMAN/ PROTHROMBIN,  
analysis/ PROTHROMBIN TIME
5245. Raccuglia G, Privett OS: Influence of dietary  
trans,trans-linoleate on hematologic and hemostatic  
properties of rat blood. Lipids 5:85-9, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD CELLS, drug effects/  
\*BLOOD COAGULATION, drug effects/  
BLOOD PLATELETS, metabolism/ \*BLOOD  
PROTEINS, metabolism/ CORONARY  
DISEASE, blood/ CORONARY DISEASE,  
etiology/ DIET/ \*DIETARY FATS/ FATTY  
ACIDS, metabolism/ \*FATTY ACIDS,  
pharmacodynamics/ FATTY ACIDS,  
ESSENTIAL/ FIBRINOLYSIS, metabolism/  
HEMATOCRIT/ HEMOGLOBIN, metabolism/  
KIDNEY, metabolism/ LEUKOCYTE COUNT/  
LINOLEIC ACID/ LIVER, metabolism/  
MYOCARDIUM, metabolism/ OILS/ RATS/  
STEREISOMERS
5246. Radhakrishnan TM, Walsh KA, Neurath H: The  
promotion of activation of bovine trypsinogen by  
specific modification of aspartyl residues.  
Biochemistry (Wash) 8:4020-7, Oct 69  
AMIDES/ AMINO ACIDS, analysis/  
\*ASPARTIC ACID/ CALCIUM/ CATTLE/  
CHEMISTRY/ CHROMATOGRAPHY, ION  
EXCHANGE/ ENZYME ACTIVATION/  
ISOLEUCINE/ LYSINE/ PEPTIDES, analysis/  
TRYPSIN, biosynthesis/ \*TRYPSINOGEN,  
metabolism
5247. Radnich RH, Jacobs WM: Prosthetic heart valves in  
pregnancy. Texas Med 66:58-61, May 70  
ADULT/ ANTICOAGULANTS, therapeutic use/  
CARDIAC OUTPUT/ COUMARINS, therapeutic  
use/ FEMALE/ \*HEART VALVE  
PROSTHESIS/ HEPARIN, therapeutic use/  
HUMAN/ MITRAL VALVE/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS,  
CARDIOVASCULAR
5248. Radnoff OD: Disseminated intravascular coagulation:  
new bottles for an old wine. Calif Med 111:224-6, Sep 69  
\*BLOOD COAGULATION DISORDERS/ BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION DISORDERS, pathology/  
HUMAN
5249. Radocha K, Radochová D, Fingerland A: Syndrom  
intravaskulární hemolýzy s trombocytopenií pozdní  
gestózy. Cesk Gynek 34:538-40, Nov 69 (Cze)  
ANEMIA, HEMOLYTIC, etiology/ AUTOPSY/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
NEUROLOGIC MANIFESTATIONS/  
PREGNANCY/ \*PREGNANCY TOXEMIAS,  
complications/ \*PURPURA, THROMBOTIC  
THROMBOPENIC, complications
5250. Radochová D, Radocha K, Fingerland A: Syndrom  
intravasaler Hämolyse mit thrombozytopenie bei  
spätgestose.  
Sborn Ved Prac Lek Fak Karlov Univ 12:635-42, 1969  
(Ger)  
ADULT/ \*ANEMIA, HEMOLYTIC,  
complications/ FEMALE/ HEART FAILURE,  
CONGESTIVE, etiology/ HUMAN/  
INTESTINAL OBSTRUCTION, etiology/  
KIDNEY DISEASES, etiology/ NEUROLOGIC  
MANIFESTATIONS/ PREGNANCY/  
PREGNANCY COMPLICATIONS,  
HEMATOLOGIC/ \*PREGNANCY TOXEMIAS,  
complications/ \*PURPURA, THROMBOTIC  
THROMBOPENIC, complications
5251. Radojčić B, Piščević S, Pekić B, et al: Savremena  
terapija tromboembolija pomoću trombolitika.  
Vojnosanit Pregl 26:350-4, Jul-Aug 69 (Cro)  
ADULT/ COMPARATIVE STUDY/ ENGLISH  
ABSTRACT/ FEMALE/ \*FIBRINOLYSIS,  
therapeutic use/ HUMAN/ MALE/ MIDDLE  
AGE/ \*NICOTINIC ACID, therapeutic use/  
\*STREPTOKINASE, therapeutic use/  
\*THEOPHYLLINE, therapeutic use/  
\*THROMBOEMBOLISM, drug therapy
5252. Radujkov Z, Borota R, Lučić A, et al: Protrombinski  
kompleks u bolestima jetre.  
Med Pregl 22:389-93, 1969 (Cro)  
\*BLOOD COAGULATION FACTORS, analysis/  
FACTOR V, analysis/ FACTOR VII, analysis/  
FACTOR X, analysis/ \*HEPATITIS,  
INFECTIOUS, blood/ HUMAN/ \*LIVER  
CIRRHOSIS, blood/ \*PROTHROMBIN, analysis
5253. Radushkevich VP: Rezul'taty nabludenii za lecheniem  
bol'nykh s mertsatel'noi aritmiei élektricheskoi  
defibrillatsiei. Kardiologiya 9:10-7, Mar 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/  
ANTICOAGULANTS, therapeutic use/  
AURICULAR FIBRILLATION, blood/  
AURICULAR FIBRILLATION, drug therapy/  
\*AURICULAR FIBRILLATION, therapy/  
BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ CORONARY  
DISEASE, complications/ DYE DILUTION  
TECHNIC/ \*ELECTRIC COUNTERSHOCK/  
ELECTRIC COUNTERSHOCK, adverse effects/  
ELECTRIC COUNTERSHOCK, instrumentation/  
ELECTROCARDIOGRAPHY/ ENGLISH  
ABSTRACT/ FEMALE/ HEMODYNAMICS/  
HUMAN/ MALE/ MIDDLE AGE/  
PHONOCARDIOGRAPHY/ RHEUMATIC  
HEART DISEASE, blood/ RHEUMATIC  
HEART DISEASE, complications/  
VENTRICULAR FIBRILLATION, etiology
5254. Radwański Z: Pathomorphology of experimental  
influenza. I. Lungs. Acta Med Pol 10:337-51, 1969  
ANIMAL EXPERIMENTS/ ANTIGENS,  
analysis/ BLOOD VESSELS, pathology/  
BRONCHI, microbiology/ FIBRIN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN, analysis/ \*INFLUENZA,  
pathology/ \*INFLUENZA VIRUSES/  
INFLUENZA VIRUSES, immunology/ LUNG,  
analysis/ \*LUNG, pathology/ MICE/  
PNEUMONIA, pathology/ PULMONARY  
ARTERY, microbiology/ PULMONARY VEINS,  
microbiology/ TIME FACTORS
5255. Radwański Z: Pathomorphology of experimental  
influenza. 3. Spleen. Acta Med Pol 10:363-72, 1969  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS, analysis/ FIBRIN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN, analysis/ \*INFLUENZA,  
pathology/ \*INFLUENZA VIRUSES/



## AUTHOR SECTION

- INFLUENZA VIRUSES, immunology/ LYMPH  
NODES, analysis/ MICE/ SPLEEN,  
microbiology/ \*SPLEEN, pathology
5256. Radwański Z: Pathomorphology of experimental  
influenza. II. Liver. Acta Med Pol 10:354-62, 1969  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/ BLOOD  
VESSELS, pathology/ FIBRIN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN, analysis/ \*INFLUENZA,  
pathology/ \*INFLUENZA VIRUSES/  
INFLUENZA VIRUSES, immunology/ LIVER,  
analysis/ LIVER, microbiology/ \*LIVER,  
pathology/ MICE
5257. Radzevich IM: Pro kil'isne vyznachennia faktora,  
shcho stabilizuje fibryn.  
Ukr Biokhim Zh 41:311-7, 1969 (Ukr)  
CATTLE/ CHEMISTRY/ DRUG STABILITY/  
ENGLISH ABSTRACT/ \*FACTOR XIII,  
analysis/ \*FIBRIN, isolation & purification/  
HEAT/ HYDROGEN-ION CONCENTRATION/  
KINETICS/ METHODS/ OSMOLAR  
CONCENTRATION/ RABBITS/ TIME  
FACTORS
5258. Radzevich IM: Vylaviennia plazmi krovi produktiv  
proteolizu, shcho vyklykaiut' krovotochivist'.  
Ukr Biokhim Zh 41:698-701, 1969 (Ukr)  
BLOOD CHEMICAL ANALYSIS/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ ENGLISH  
ABSTRACT/ \*FIBRIN/ \*FIBRINOGEN,  
analysis/ HUMAN/ METHODS
5259. Radzevich IM, Khodorova EL: Oderzhannia  
fibryn-monomeru z fibrynu nefraktsionovanoi plazmy  
krovi. Ukr Biokhim Zh 41:367-70, 1969 (Ukr)  
BLOOD COAGULATION/ CATTLE/  
CHEMISTRY/ DRUG STABILITY/ ENGLISH  
ABSTRACT/ FACTOR XIII, analysis/ FIBRIN,  
analysis/ FIBRIN, diagnostic use/ \*FIBRIN,  
isolation & purification/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ PLASMINOGEN, analysis/  
TEMPERATURE
5260. Rafalovich MB, Zil'bert NI: Vliianie vnutrivennogo  
vvedeniia gl'ipertonicheskogo rastvora gliukozy na  
svertyvaemost' krovi.  
Klin Med (Moskva) 47:65-9, Nov 69 (Rus)  
\*BLOOD COAGULATION, drug effects/  
ENGLISH ABSTRACT/ \*GLUCOSE,  
pharmacodynamics/ HEART FAILURE,  
CONGESTIVE, drug therapy/ HUMAN/  
HYPERTENSION, drug therapy/ HYPERTONIC  
SOLUTIONS, administration & dosage/  
INJECTIONS, INTRAVENOUS/  
THROMBELASTOGRAPHY
5261. Raffensperger JG, Seeler RA: An infant with renal vein  
thrombosis. Surgery 67:401-2, Feb 70  
HEPARIN, therapeutic use/ HUMAN/  
INFANT/ INFANT, NEWBORN/ KIDNEY  
DISEASES, drug therapy/ KIDNEY DISEASES,  
surgery/ \*KIDNEY DISEASES, therapy/  
NEPHRECTOMY/ THROMBOPHLEBITIS, drug  
therapy/ THROMBOPHLEBITIS, surgery/  
\*THROMBOPHLEBITIS, therapy
5262. Rahbar S, Kinderlerer JL, Lehmann H: Haemoglobin L  
Persian Gulf: alpha-57 (E6) glycine leads to arginine.  
Acta Haemat (Basel) 42:169-75, 1969  
ALANINE, analysis/ ARGININE, analysis/  
BENZOATES/ BLOOD PROTEIN  
ELECTROPHORESIS/ CHROMATOGRAPHY,  
ION EXCHANGE/ FEMALE/ GLYCINE,  
analysis/ \*HEMOGLOBINS, ABNORMAL,  
analysis/ HISTIDINE, analysis/ HUMAN/  
IRAN/ LYSINE, analysis/ PEPTIDES, analysis/  
RACIAL STOCKS/ TRYPSIN
5263. Raimondi AJ, Samuelson GH: Cerebral gunshot  
wounds in civilian practice.  
J Neurosurg 32:647-53, Jun 70  
AGE FACTORS/ ALCOHOLISM, complications/  
CEREBRAL ANGIOGRAPHY/ \*HEAD  
INJURIES, surgery/ HEMATOMA,  
complications/ HEMATOMA, mortality/
- HEMATOMA, surgery/ HUMAN/ TIME  
FACTORS/ WOUNDS, GUNSHOT, mortality/  
\*WOUNDS, GUNSHOT, surgery
5264. Rajam PC, Gaudreau CJ, Grady A, et al: Preparation,  
derivation and partial characterization of  
organ-specific antigens from human brain.  
Immunology 17:367-85, Sep 69  
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/  
\*ANTIGENS, isolation & purification/ \*BRAIN,  
immunology/ CHROMATOGRAPHY/  
GLYCOLIPIDS, analysis/ HUMAN/  
IMMUNOCHEMISTRY/  
IMMUNOELECTROPHORESIS/ NERVE TISSUE  
PROTEINS, analysis/ NEURAMINIDASE/  
NUCLEOPROTEINS, analysis/ PEPTIDE  
HYDROLASES/ PERIODIC ACIDS/  
PRECIPITATION/ RABBITS/  
ULTRACENTRIFUGATION
5265. Rajender S, Han M, Lumry R: Studies of the  
chymotrypsinogen family of proteins. IX.  
Steady-state kinetics of the chymotryptic hydrolysis  
of N-acetyl-L-tryptophan ethyl ester at pH 8.0.  
J Amer Chem Soc 92:1379-85, 11 Mar 70  
ALCOHOL, ETHYL/ CATALYSIS/  
CHEMISTRY/ \*CHYMOTRYPSIN, metabolism/  
ESTERS/ HYDROGEN-ION CONCENTRATION/  
\*KINETICS/ THERMODYNAMICS/  
\*TRYPTOPHAN, metabolism
5266. Rajka G: Experimental pruritus in the unaffected skin  
of patients with different itching dermatoses.  
Acta Dermatovener (Stockholm) 50:270-2, 1970  
ADULT/ AGED/ DIABETES MELLITUS,  
complications/ FEMALE/ HUMAN/  
INJECTIONS, INTRADERMAL/ MALE/  
MIDDLE AGE/ PRURITUS,  
chemically induced/ PRURITUS, complications/  
\*PRURITUS, physiopathology/ SKIN  
DISEASES, complications/ \*SKIN TESTS/  
TIME FACTORS/ TRYPSIN,  
pharmacodynamics/ URTICARIA, complications
5267. Rake MO, Flute PT, Brodonova M, et al: Intravascular  
coagulation in acute hepatic failure.  
Clin Sci 38:15P, Mar 70  
BLOOD COAGULATION DISORDERS, drug  
therapy/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
FACTORS/ BLOOD PLATELETS/  
FIBRINOGEN, metabolism/ FIBRINOLYSIS/  
HEPARIN, therapeutic use/ HUMAN/ \*LIVER  
DISEASES, complications
5268. Rake MO, Flute PT, Pannell G, et al: Intravascular  
coagulation in acute hepatic necrosis.  
Lancet 1:533-7, 14 Mar 70  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ BLOOD COAGULATION DISORDERS,  
drug therapy/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
FACTORS, analysis/ BLOOD COAGULATION  
TESTS/ FEMALE/ FIBRINOGEN, metabolism/  
HEPARIN, therapeutic use/ HUMAN/ IODINE  
ISOTOPES/ LIVER DISEASES, blood/ \*LIVER  
DISEASES, complications/ LIVER DISEASES,  
pathology/ MALE/ MIDDLE AGE/ NECROSIS/  
PROTHROMBIN TIME
5269. Rake MO, Liberman MM, Dawson JL, et al: Ligation of  
the hepatic artery in the treatment of heart failure  
due to hepatic haemangiomatosis. Gut 11:512-5, Jun 70  
ARTERIOVENOUS FISTULA, complications/  
HEART FAILURE, CONGESTIVE, drug  
therapy/ \*HEART FAILURE, CONGESTIVE,  
etiology/ HEART FAILURE, CONGESTIVE,  
surgery/ \*HEMANGIOMA, complications/  
HEMANGIOMA, drug therapy/ HEMANGIOMA,  
surgery/ \*HEPATIC ARTERY, surgery/  
HUMAN/ INFANT/ \*LIVER NEOPLASMS,  
complications/ LIVER NEOPLASMS, drug  
therapy/ LIVER NEOPLASMS, surgery/  
MALE/ PREDNISONE, therapeutic use
5270. Rake MO, Williams R, Freeman T, et al: Protein  
synthesis by the liver after transplantation.  
Lancet 2:341-2, 15 Aug 70  
ADULT/ ALBUMINS, biosynthesis/ CARBON  
ISOTOPES/ FEMALE/ FIBRINOGEN,



## AUTHOR SECTION

- biosynthesis/ HEPATOMA, surgery/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ \*LIVER, metabolism/ \*LIVER, transplantation/ LIVER FUNCTION TESTS/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ \*PROTEINS, biosynthesis/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
5271. Ramírez-Ronda CH: Consumption coagulopathies: a review. Bol Asoc Med P Rico 61:264-71, Jul 69  
\*BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION TESTS/ HUMAN
5272. Ramírez Sánchez J, Rojas Rodríguez L, Lozano Carrillo A, et al: Pruebas biológicas y anovulación iatrogénica. Rev Colombia Obstet Ginec 20:237-46, Jul-Aug 69 (Spa)  
ADULT/ BLOOD COAGULATION TESTS/ \*CONTRACEPTIVES, ORAL, adverse effects/ \*ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ LIVER FUNCTION TESTS/ \*NANDROLONE, adverse effects/ \*OVULATION, drug effects
5273. Rampling M, Sirs JA: The effect of haematocrit and anticoagulants on the rate of packing of erythrocytes by a centrifuge. Phys Med Biol 15:15-21, Jan 70  
\*ANTICOAGULANTS, pharmacodynamics/ BLOOD PRESERVATION/ BLOOD SEDIMENTATION/ \*CENTRIFUGATION/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/ \*ERYTHROCYTES, drug effects/ GLUCOSE, pharmacodynamics/ \*HEMATOCRIT/ HEPARIN, pharmacodynamics/ HUMAN
5274. Ramsøe K, Jarnum S, Preisig R, et al: Liver function and blood flow at high altitude. J Appl Physiol 28:725-7, Jun 70  
ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ \*ALTITUDE/ \*ANOXEMIA, physiopathology/ BILIRUBIN, blood/ FEMALE/ GALACTOSE, blood/ GALACTOSE, diagnostic use/ HUMAN/ \*LIVER, physiology/ LIVER, physiopathology/ \*LIVER CIRCULATION/ LIVER FUNCTION TESTS/ MALE/ PROTHROMBIN, analysis/ SERUM ALBUMIN, analysis/ SULFOBROMOPHTHALEIN, diagnostic use
5275. Rand PW, Barker N, Lacombe E: Effects of plasma viscosity and aggregation on whole-blood viscosity. Amer J Physiol 218:681-8, Mar 70  
ADULT/ AGED/ BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ \*BLOOD VISCOSITY/ \*CELL AGGREGATION/ DEXTRAN/ \*ERYTHROCYTES, cytology/ FEMALE/ FIBRINOGEN/ GAMMA GLOBULIN, 7S/ HUMAN/ HYPERGAMMAGLOBULINEMIA, blood/ MALE/ MIDDLE AGE/ PLASMA
5276. Ranhotra GS, Johnson BC: Vitamin K and the synthesis of factors VII-X by isolated rat liver cells. Proc Soc Exp Biol Med 132:509-13, Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION FACTORS, biosynthesis/ CYCLOHEXIMIDE, pharmacodynamics/ \*FACTOR VII, biosynthesis/ FACTOR VIII, biosynthesis/ FACTOR IX, biosynthesis/ FACTOR X, biosynthesis/ \*LIVER, metabolism/ MALE/ METHODS/ OXYGEN CONSUMPTION/ PUROMYCIN, pharmacodynamics/ RATS/ \*VITAMIN K, pharmacodynamics/ VITAMIN K DEFICIENCY, physiopathology/ WARFARIN, pharmacodynamics
5277. Ranhotra GS, Johnson BC: Vitamin K and prothrombin formation. Life Sci 9:79-86, 22 Jan 70  
ADSORPTION/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BARIUM SULFATE/ CARBON ISOTOPES/ MALE/ PHYTONADIONE, therapeutic use/ PROTHROMBIN, analysis/ \*PROTHROMBIN, biosynthesis/ RATS/ TRITIUM/ \*VITAMIN K, metabolism/ VITAMIN K DEFICIENCY, blood/ VITAMIN K DEFICIENCY, metabolism
5278. Ranney B: Iatrogenic spillage from benign cystic teratoma causing severe peritoneal granulomas and adhesions. Report of a case. Obstet Gynec 35:562-4, Apr 70  
ADHESIONS, complications/ ADHESIONS, surgery/ ADNEXA UTERI, surgery/ ADOLESCENCE/ CASE REPORT/ \*DERMOID CYST, complications/ FEMALE/ \*GRANULOMA, complications/ HUMAN/ \*IATROGENIC DISEASE/ \*PERITONEAL DISEASES, etiology/ PREGNANCY/ PREGNANCY COMPLICATIONS/ RUPTURE, SPONTANEOUS, complications
5279. Rao AR, Prasad PS: Lipids and fibrinolytic activity in normal fasting human plasma. J Ass Physicians India 17:25-7, Jan 69  
ADULT/ BLOOD COAGULATION TESTS/ CHOLESTEROL, blood/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ \*FIBRINOLYSIS/ GLYCERIDES, blood/ HUMAN/ \*LIPIDS, blood/ MALE
5280. Rao GN, Yasukawa JJ, Shipley EG: Plasma clotting of adult female rhesus monkeys (Macaca mulatta). Lab Anim Care 20:88-92, Feb 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ \*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ FEMALE/ \*MONKEYS/ PLACEBOS, pharmacodynamics/ PROTHROMBIN TIME
5281. Rao KK, Matsubara H: The amino acid sequence of taro ferredoxin. Biochem Biophys Res Commun 38:500-6, 6 Feb 70  
ALGAE, GREEN, analysis/ \*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BACTERIA, enzymology/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHLOROPLASTS, analysis/ CHYMOTRYPSIN/ EVOLUTION/ FERREDOXINS, analysis/ \*FERREDOXINS, analysis/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ \*PLANTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN
5282. Rao MM, Elmslie RG: A modified technic of isolated pancreatic perfusion. J Surg Res 10:357-62, Aug 70  
ANIMAL EXPERIMENTS/ DOGS/ DUODENUM, secretion/ GASTRIN/ METHODS/ PANCREAS, anatomy & histology/ PANCREAS, cytology/ \*PANCREAS, secretion/ PANCREATIC JUICE/ PANCREOZYMIN/ \*PERFUSION, instrumentation/ SECRETIN, administration & dosage/ \*SECRETIN, pharmacodynamics/ TRYPSINOGEN
5283. Rapaport SI: Hemostatic mechanisms in thrombogenesis: implications for therapy. Calif Med 112:79-80, Mar 70  
HEMOSTASIS/ HUMAN/ \*THROMBOSIS/ THROMBOSIS, classification/ THROMBOSIS, drug therapy
5284. Rapoport Ial, Tsukerman GI, Iaroshinskiĭ IuN, et al: Kliniko-morfologicheskii analiz vazhneishikh oslozhnenii protezirovaniia klapanov serdtsa. Klin Med (Moskva) 47:107-13, Jul 69 (Russ)  
BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ HEART FAILURE, CONGESTIVE, etiology/ \*HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ INFECTION, etiology/ POSTOPERATIVE COMPLICATIONS/ SUTURES/ THROMBOEMBOLISM, etiology
5285. Rasche H, Hiemeyer V, Heller A: Das Verhalten des Blutgerinnungsfaktors X (Stuart-Prower) aus Plasma und Serum bei der Gelfiltration an Sephadex G 20. Thromb Diath Haemorrh 23:405-11, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ CATTLE/ CHROMATOGRAPHY/ DEXTRAN/ \*FACTOR X/ FACTOR X, analysis/ \*GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ VENOMS
5286. Rashid A, Couture RA, Posen GA, et al: The treatment of clotted Quinton-Scribner cannulae by thrombolytic infusion. Vasc Surg 4:30-8, Mar 70



## AUTHOR SECTION

\*ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ \*CATHETERIZATION, adverse effects/ \*FIBRINOLYSIS, therapeutic use/ HUMAN/ \*STREPTOKINASE, therapeutic use/ \*THROMBOSIS, drug therapy/ TIME FACTORS/ VENOUS PRESSURE

5287. Raskind R, Weiss SR, Wermuth R, et al: Complications of cerebral angiography: preliminary report of 432 examinations. *Angiology* 21:447-50, Jul 70  
ANESTHESIA, GENERAL/ ANESTHESIA, LOCAL/ BLINDNESS, etiology/ \*CEREBRAL ANGIOGRAPHY, adverse effects/ CEREBRAL ANGIOGRAPHY, mortality/ CEREBROVASCULAR DISORDERS, diagnosis/ CONVULSIONS, etiology/ EMBOLISM, etiology/ FEVER, etiology/ HEMATOMA, etiology/ HEMIPLEGIA, etiology/ HORNER'S SYNDROME, etiology/ HUMAN/ URTICARIA, etiology/ VOCAL CORD PARALYSIS, etiology

5288. Rašková H, Rýc M, Mašek K, et al: Zur Wirkung von Streptokokkenmucopепtid auf Thrombocyten. *Naunyn Schmiedeberg Arch Pharm* 264:297-8, 1969 (Ger)

ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ CELL WALL/ \*PEPTIDES, pharmacodynamics/ RABBITS/ STREPTOCOCCUS

5289. Rasmussen J, Albrechtsen OK, Astrup T: Fibrinolytic activity of rat uterine fluid. *Experientia* 26:841-2, 15 Aug 70  
ANIMAL EXPERIMENTS/ \*BODY FLUIDS, enzymology/ ENDOMETRIUM, enzymology/ FEMALE/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ HYDROGEN-ION CONCENTRATION/ PLASMINOGEN/ PROGESTERONE, pharmacodynamics/ RATS/ \*UTERUS, enzymology

5290. Rasmussen P, Buhl J, Busch H, et al: Hjernescaning--cerebral scintigrafi. *Nord Med* 84:1134-9, 3 Sep 70 (Dan)  
ANGIOGRAPHY/ BRAIN ABSCESS, diagnosis/ \*BRAIN DISEASES, diagnosis/ \*BRAIN NEOPLASMS, diagnosis/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ GLIOMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ METHODS/ NEOPLASM METASTASIS/ RADIOISOTOPE SCANNING/ TECHNETIUM

5291. Rasmussen C: A propos de l'anticoagulation au long cours. *Therapeutique* 45:262-73, Mar 69 (Fre)  
\*ANTICOAGULANTS, therapeutic use/ \*CARDIOVASCULAR DISEASES, drug therapy/ HUMAN/ TIME FACTORS

5292. Rastogi GK, Letarte J, Fraser TR: Proinsulin content of pancreas in human fetuses of healthy mothers. *Lancet* 1:7-9, 3 Jan 70  
CHROMATOGRAPHY/ ELECTROPHORESIS, DISK/ FEMALE/ GESTATIONAL AGE/ HUMAN/ \*INSULIN, analysis/ IODINE ISOTOPES/ PANCREAS, analysis/ PANCREAS, embryology/ PEPTIDES, analysis/ PREGNANCY/ RADIOIMMUNOASSAY/ TRYPSIN

5293. Rastogi SP, Menon IS: Fibrinolytic activity of shunt arterial blood in patients on regular dialysis treatment. *Angiologica (Basel)* 7:20-4, 1970  
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ FEMALE/ \*FIBRINOLYSIS, analysis/ \*HEMODIALYSIS/ HUMAN/ KIDNEY DISEASES, blood/ \*KIDNEY DISEASES, therapy/ \*KIDNEY FAILURE, ACUTE, therapy/ \*KIDNEY FAILURE, CHRONIC, therapy/ MALE

5294. Rathbun JE, Hoyt WF, Beard C: Surgical management of orbitofrontal varix in Klippel-Trénaunay-Weber syndrome. *Amer J Ophthalmol* 70:109-12, Jul 70  
ADOLESCENCE/ \*ANGIOMATOSIS, complications/ EXOPHTHALMOS, etiology/ FEMALE/ FOOT, abnormalities/ HEADACHE,

etiology/ HUMAN/ \*ORBIT, blood supply/ \*ORBITAL NEOPLASMS, complications/ PHLEBOGRAPHY/ VARICOSE VEINS, complications/ VARICOSE VEINS, congenital/ \*VARICOSE VEINS, surgery

5295. Rathke W: Augenärztliche Untersuchungen über Verträglichkeit und therapeutischen Effekt von Visuphrine. *Med Mschr* 24:125-6, Mar 70 (Ger)  
AESCULUS, administration & dosage/ DRUG HYPERSENSITIVITY, drug therapy/ EYE BURNS, drug therapy/ \*EYE DISEASES, drug therapy/ HUMAN/ \*HYDROXYBUTYRATES, administration & dosage/ \*IMIDAZOLES, administration & dosage/ OPHTHALMIC SOLUTIONS/ \*PHENYLEPHRINE, administration & dosage

5296. Ratliff JL, Lovett WL, Nelson GA, et al: Effects of sedation and supination in chronic animal experiments. *J Surg Res* 10:19-23, Jan 70  
ANIMAL EXPERIMENTS/ DOGS/ HEPARIN, pharmacodynamics/ HYPNOTICS AND SEDATIVES, adverse effects/ \*HYPNOTICS AND SEDATIVES, pharmacodynamics/ IMMOBILIZATION/ INTUBATION, INTRATRACHEAL/ LUNG, pathology/ LUNG DISEASES, etiology/ \*POSTURE/ TIME FACTORS

5297. Ratnoff OD: Clotting factors. *New Eng J Med* 282:282, 29 Jan 70  
\*BLOOD COAGULATION FACTORS/ \*NOMENCLATURE

5298. Ratnoff OD: Some relationships among hemostasis, fibrinolytic phenomena, immunity, and the inflammatory response. *Advances Immunol* 10:145-227, 1969 (743 ref.)  
ANAPHYLAXIS/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ CHEMOTAXIS/ COAGULASE/ COMPLEMENT/ FIBRINOGEN/ FIBRINOLYSIS/ FIBRINOLYSIS/ \*FIBRINOLYSIS/ \*HEMOSTASIS/ HISTAMINE/ HUMAN/ HYPERSENSITIVITY, DELAYED/ IMMUNITY/ \*INFLAMMATION, immunology/ KININS/ PLATELET ADHESIVENESS/ REVIEW/ SEROTONIN/ SHWARTZMAN PHENOMENON/ TRANSPLANTATION IMMUNOLOGY/ TRYPSIN/ VENOMS, pharmacodynamics

5299. Ratten GJ, Booth PB: Post-partum haemorrhage due to constitutional hypofibrinogenaemia. *Med J Aust* 2:1210-1, 13 Dec 69  
ADOLESCENCE/ \*AFIBRINOGENEMIA, complications/ CASE REPORT/ FEMALE/ FIBRINOGEN, physiology/ \*HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ NEGROID RACE/ NEW GUINEA/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC

5300. Rau US: Some interesting skin tumours met with in the skin department General Hospital Madras between 1964 and 1968. *Indian J Derm* 14:115-7, Apr 69  
ADULT/ \*ANGIOKERATOMA/ \*CYLINDROMA/ \*HEMANGIOENDOTHELIOMA/ HUMAN/ INDIA/ MALE/ \*MYCOSIS FUNGOIDES/ \*SKIN NEOPLASMS

5301. Ravasini R, Olivetto R, Melanotte PL, et al: Reperti termografici, radio-isotopici ed angiografici nella diagnosi dei tumori ossei maligni primitivi e metastatici. *Quad Radiol* 33:437-53, Sep-Oct 68 (Ita)  
ANGIOGRAPHY/ \*BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, radiography/ \*CHONDROSARCOMA, diagnosis/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ \*FIBROSARCOMA, diagnosis/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ \*NEOPLASM METASTASIS, diagnosis/ \*SARCOMA, EWING'S, diagnosis/ \*SARCOMA, OSTEOGENIC, diagnosis/ THERMOGRAPHY

5302. Ravich RB, Gunz FW, Thompson IL, et al: The dangers of surgery in uncontrolled haemorrhagic thrombocythaemia. *Med J Aust* 1:704-8, 4 Apr 70  
AGED/ BLOOD CELL COUNT/ BLOOD



# AUTHOR SECTION

- PLATELETS/ BUSULFAN, therapeutic use/  
HEMORRHAGE, prevention & control/  
HEMORRHAGIC THROMBOCYTHEMIA,  
complications/ HEMORRHAGIC  
THROMBOCYTHEMIA, diagnosis/  
\*HEMORRHAGIC THROMBOCYTHEMIA, drug  
therapy/ HUMAN/ MALE/ MIDDLE AGE/  
PEPTIC ULCER, etiology/ PHOSPHORUS  
ISOTOPES, therapeutic use/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
SPLENECTOMY/ \*SURGERY, OPERATIVE/  
THROMBOSIS, prevention & control
5303. Ray CG, Tucker VL, Harris DJ, et al: Enteroviruses associated with the hemolytic-uremic syndrome. *Pediatrics* 46:378-88, Sep 70  
ANEMIA, HEMOLYTIC, complications/  
ANEMIA, HEMOLYTIC, drug therapy/  
\*ANEMIA, HEMOLYTIC, microbiology/  
ANEMIA, HEMOLYTIC, pathology/  
ANTIBODIES/ ANTIGEN-ANTIBODY  
REACTIONS/ CHILD/ CHILD, PRESCHOOL/  
COXSACKIE VIRUSES/ ECHO VIRUSES/  
\*ENTEROVIRUS/ ENTEROVIRUS  
INFECTIONS, familial & genetic/  
\*ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, complications/  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR, microbiology/ FEMALE/  
HEPARIN, therapeutic use/ HUMAN/  
IMMUNOGLOBULINS/ INFANT/ KIDNEY,  
pathology/ KIDNEY FAILURE, ACUTE,  
complications/ KIDNEY FAILURE, ACUTE,  
drug therapy/ \*KIDNEY FAILURE, ACUTE,  
microbiology/ KIDNEY FAILURE, ACUTE,  
pathology/ MALE/ PURPURA, complications/  
PURPURA, drug therapy/ PURPURA,  
microbiology/ PURPURA, pathology/  
SHWARTZMAN PHENOMENON, microbiology/  
THROMBOPENIA, complications/  
THROMBOPENIA, drug therapy/  
\*THROMBOPENIA, microbiology/  
THROMBOPENIA, pathology
5304. Ray J, Coudert P, Coudert M: Hématomes pharyngés compliquant un traitement anticoagulant. *Presse Med* 77:2054, 20 Dec 69 (Fre)  
\*ETHYL BISCOUMACETATE, adverse effects/  
FEMALE/ \*HEMATOMA, chemically induced/  
HEMATOMA, diagnosis/ HUMAN/ MALE/  
MIDDLE AGE/ \*PHARYNGEAL DISEASES,  
chemically induced/ PHARYNGEAL DISEASES,  
diagnosis/ PROTHROMBIN, analysis
5305. Raymond EA, Traub WH: Identification of staphylococci isolated from clinical material. *Appl Microbiol* 19:919-22, Jun 70  
AGAR/ BACTERIOLOGICAL TECHNIQS/  
BLOOD/ COAGULASE, analysis/  
DEOXYRIBONUCLEASE, analysis/ HUMAN/  
MANNITOL, metabolism/ SHEEP/  
STAPHYLOCOCCAL INFECTIONS,  
microbiology/ \*STAPHYLOCOCCUS,  
classification/ STAPHYLOCOCCUS,  
enzymology/ STAPHYLOCOCCUS, isolation &  
purification/ STAPHYLOCOCCUS, metabolism
5306. Rea D: A new haemostatic-vasoconstrictor agent for the control of bleeding. *Med J Aust* 2:762-3, 11 Oct 69  
ADOLESCENCE/ ADULT/ ANESTHESIA,  
LOCAL/ EPINEPHRINE, therapeutic use/  
HEMODYNAMICS/ \*HEMOSTATICS,  
therapeutic use/ HUMAN/ MIDDLE AGE/  
ORNITHINE/ SURGERY, OPERATIVE/  
\*VASOCONSTRICTOR AGENTS, therapeutic  
use/ VASOPRESSIN
5307. Reamer RH, Hargrove RE, McDonough FE: Increased sensitivity of immunofluorescent assay for Salmonella in nonfat dry milk. *Appl Microbiol* 18:328-31, Sep 69  
CASEIN, metabolism/ CULTURE MEDIA/  
CYSTINE, metabolism/ \*FLUORESCENT  
ANTIBODY TECHNIC/ \*FOOD  
MICROBIOLOGY/ IMMUNE SERUMS/  
LACTOSE, metabolism/ METHODS/ \*MILK/  
\*SALMONELLA, immunology/ SALMONELLA,  
isolation & purification/ SEROTYPING/  
TRYPSIN, pharmacodynamics
5308. Rebedea I: Sindromul de coagulare intravasculară diseminată în bolile virale. *Med Intern (Bucur)* 22:137-42, Feb 70 (Rum)  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD  
COAGULATION DISORDERS, etiology/  
EPIDEMIC HEMORRHAGIC FEVER, etiology/  
HEMOLYSIS/ HEMORRHAGE, etiology/  
HUMAN/ PURPURA, etiology/ THROMBOSIS,  
etiology/ \*VIRUS DISEASES, complications
5309. Reboul H, Preyssas J, Schaad P, et al: Chirurgie prostatique. Interventions diverses. *Bull Soc Chir Paris* 60:114-9, 1970 (Fre)  
HEMOSTASIS/ HUMAN/ MALE/ METHODS/  
POSTOPERATIVE COMPLICATIONS/  
PROSTATIC HYPERTROPHY, complications/  
\*PROSTATIC HYPERTROPHY, surgery
5310. Reboul H, Vergoz L: L'hémostase dans le stripping saphénien. Le méchage temporaire per-opératoire au Sorbacel. *Phlebologie* 22:343-5, Oct-Dec 69 (Fre)  
\*DRAINAGE/ FEMALE/ \*HEMOSTASIS/  
HUMAN/ MALE/ POSTOPERATIVE CARE/  
POSTOPERATIVE COMPLICATIONS/  
\*SAPHENOUS VEIN, surgery/ \*VARICOSE  
VEINS, surgery
5311. Recher L: Fine structural changes in the nucleus induced by adenosine. *J Ultrastruct Res* 32:212-25, Aug 70  
CARCINOMA, pathology/ CELL LINE, drug  
effects/ \*CELL NUCLEOLUS/ CERVIX  
NEOPLASMS, pathology/ FEMALE/ HUMAN/  
IN VITRO/ MICROSCOPY, ELECTRON/  
\*NUCLEOSIDES, pharmacodynamics/ PEPSIN,  
pharmacodynamics/ RIBONUCLEASE,  
pharmacodynamics/ \*TISSUE CULTURE/  
TRYPSIN, pharmacodynamics
5312. Recher L, Whitescarver J, Briggs L: The fine structure of a nucleolar constituent. *J Ultrastruct Res* 29:1-14, Oct 69  
ADENOCARCINOMA/ CELL LINE/ \*CELL  
NUCLEOLUS, analysis/  
HISTOCYTOCHEMISTRY/ HUMAN/  
MICROSCOPY, ELECTRON/ NEOPLASM  
PROTEINS, analysis/ PEPSIN/  
RIBONUCLEASE/ TRYPSIN
5313. Reddemann H: Veber das Verhalten des Plasmafibrinogenspiegels im Verlauf der Austauschtransfusion. *Z Kinderheilk* 107:230-7, 1969 (Ger)  
\*EXCHANGE TRANSFUSION/ FEMALE/  
\*FIBRINOGEN, analysis/ HUMAN/  
\*HYPERBILIRUBINEMIA, blood/ INFANT,  
NEWBORN/ INFANT, PREMATURE,  
DISEASES, blood/ \*JAUNDICE, NEONATAL,  
blood/ MALE
5314. Redgrave TG: Formation of cholesteryl ester-rich particulate lipid during metabolism of chylomicrons. *J Clin Invest* 49:465-71, Mar 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHOLESTEROL, blood/  
\*CHOLESTEROL, metabolism/  
CHYLOMICRONS, blood/ \*CHYLOMICRONS,  
metabolism/ ESTERS, blood/ ESTERS,  
metabolism/ FEMALE/ \*LIPIDS, metabolism/  
LIPOPROTEIN LIPASE, metabolism/ LIVER,  
metabolism/ PUROMYCIN, pharmacodynamics/  
RATS/ TRIGLYCERIDES, metabolism/  
TRITIUM
5315. Redler P, Lustig ES: Control of epithelial development in normal and pathological connective tissue from oral mucosa. *Develop Biol* 22:84-95, May 70  
ADULT/ AGED/ CHICK EMBRYO/  
\*CONNECTIVE TISSUE, growth &  
development/ EPITHELIUM, drug effects/  
EPITHELIUM, growth & development/  
FEMALE/ FREEZING/ HEAT/ HUMAN/  
LEUKOPLAKIA, pathology/ LEUKOPLAKIA,  
ORAL/ MALE/ MIDDLE AGE/ MITOSIS/  
\*MOUTH MUCOSA, growth & development/  
TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics
5316. Redman HC, Reuter SR: Percutaneous transarterial



# AUTHOR SECTION

- angiography: complications and their avoidance.  
Angiology 21:575-9, Oct 70  
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM,  
etiology/ \*ANGIOGRAPHY/ ANGIOGRAPHY,  
adverse effects/ AXILLARY ARTERY/  
CHILD/ CHILD, PRESCHOOL/ FEMORAL  
ARTERY/ HEMATOMA, etiology/  
HEMORRHAGE, etiology/ HUMAN/ MIDDLE  
AGE/ THROMBOSIS, etiology
5317. Reeck GR, Winter WP, Neurath H: Pancreatic enzymes  
of the African lungfish *Protopterus aethiopicus*.  
Biochemistry (Wash) 9:1398-403, 17 Mar 70  
AMYLASE, analysis/ ANIMAL EXPERIMENTS/  
CARBOXYPEPTIDASES, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN, analysis/  
DEOXYRIBONUCLEASE, analysis/  
EVOLUTION/ FISHES/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/  
\*HYDROLASES, analysis/ \*ISOENZYMES,  
analysis/ LIPASE, analysis/ METHODS/  
\*PANCREAS, enzymology/  
PANCREATOPEPTIDASE, analysis/ PEPTIDE  
HYDROLASES, analysis/ \*RIBONUCLEASE,  
metabolism/ SPECTROPHOTOMETRY/  
TRYPSIN, analysis/ TRYPSIN INHIBITORS,  
analysis
5318. Reed CS: Thrombocytopenia and anaemia responding  
to oxymetholone ("Adroyd") therapy.  
Med J Aust 2:801-2, 18 Oct 69  
AGED/ \*ANEMIA, APLASTIC, drug therapy/  
BONE MARROW EXAMINATION/ CASE  
REPORT/ HUMAN/ MALE/  
OXYMETHOLONE, therapeutic use/  
\*THROMBOPENIA, drug therapy
5319. Reese AB, Jones IS, Cooper WC: Vitreomacular traction  
syndrome confirmed histologically.  
Amer J Ophthal 69:975-7, Jun 70  
ADHESIONS, pathology/ HUMAN/ \*MACULA  
LUTEA, pathology/ MALE/ MIDDLE AGE/  
\*NEURILEMMOMA, pathology/  
NEURILEMMOMA, radiotherapy/ \*ORBITAL  
NEOPLASMS, pathology/ ORBITAL  
NEOPLASMS, radiotherapy/ \*VITREOUS  
BODY, pathology
5320. Regazzini A, Ferri F, Pedini G: Variazioni  
trombodensitografiche da pasto grasso.  
Minerva Med 60:4562-74, 17 Nov 69 (Ita)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ DENSITOMETRY/  
\*DIETARY FATS, pharmacodynamics/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*HYPERLIPIDEMIA, complications/ LIPIDS,  
blood/ \*LIPIDS, metabolism/ MALE/ MIDDLE  
AGE/ PROTHROMBIN TIME
5321. Regnault FR: Vitreous hemorrhage: an experimental  
study. I. A macroscopic and isotopic study of the  
evolution of whole blood and hemoglobin.  
Arch Ophthal (Chicago) 83:458-65, Apr 70  
ANIMAL EXPERIMENTS/ BLOOD,  
metabolism/ BLOOD COAGULATION, drug  
effects/ CHLORIDES/ CHROMIUM ISOTOPES/  
ERYTHROCYTES, metabolism/ FIBRIN,  
metabolism/ FIBRINOGEN, metabolism/  
HEMOGLOBIN, metabolism/ \*HEMORRHAGE/  
HEMORRHAGE, metabolism/ HUMAN/ IODINE  
ISOTOPES/ IRON, metabolism/ IRON  
ISOTOPES/ PHOTOGRAPHY/ RABBITS/  
\*VITREOUS BODY/ VITREOUS BODY, drug  
effects/ VITREOUS BODY, metabolism
5322. Regoezi E: Fibrinogen catabolism: kinetics of  
catabolism following sudden elevation of the pool  
with exogenous fibrinogen. Clin Sci 38:111-21, Jan 70  
ANIMAL EXPERIMENTS/ FIBRINOGEN,  
administration & dosage/ FIBRINOGEN,  
analysis/ FIBRINOGEN, biosynthesis/  
\*FIBRINOGEN, metabolism/ INJECTIONS,  
INTRAVENOUS/ IODINE ISOTOPES/  
\*KINETICS/ MALE/ RABBITS
5323. Reich ML, Hellwell L, Fischel EE: Complement  
preservation in citrated human blood.  
Transfusion 10:14-6, Jan-Feb 70  
ANTICOAGULANTS/ BARBITURATES/  
\*BLOOD PRESERVATION/ BUFFERS/  
CALCIUM, pharmacodynamics/ CALCIUM  
CHLORIDE, pharmacodynamics/ CITRATES/  
\*COMPLEMENT/ GLUCOSE/ HUMAN/  
MAGNESIUM, pharmacodynamics/ TIME  
FACTORS
5324. Reichel A: Comparative investigations of plasma and  
lymph in the frog--A qualitative approach to the  
blood-lymph transfer of proteins.  
Acta Physiol Acad Sci Hung 37:1-17, 1970  
ANIMAL EXPERIMENTS/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD PROTEINS,  
analysis/ BLOOD SEDIMENTATION/  
\*CAPILLARY PERMEABILITY/  
ELECTROPHORESIS, DISK/ ENZYMES, blood/  
FIBRINOGEN, analysis/ FROGS/ GEL  
FILTRATION/ GLUCOSE, analysis/ HUMAN/  
IMMUNOELECTROPHORESIS/ INSULIN,  
analysis/ \*LYMPH, analysis/ LYMPH,  
enzymology/ \*PROTEINS, analysis/ PROTEINS,  
biosynthesis
5325. Reichl D: Stabilization and partial purification of  
lipoprotein lipase. Biochem J 114:71P, Oct 69  
ADIPOSE TISSUE, enzymology/ ANIMAL  
EXPERIMENTS/ HEPARIN/ \*LIPOPROTEIN  
LIPASE, isolation & purification/ RATS/  
TRIGLYCERIDES
5326. Reid JM, Stevenson JG, Orr M: Non-thrombocytopenic  
purpura due to chlorothiazide.  
Scot Med J 14:309-11, Sep 69  
ADULT/ CASE REPORT/ \*CHLOROTHIAZIDE,  
adverse effects/ \*DRUG HYPERSENSITIVITY/  
FEMALE/ HUMAN/ MITRAL VALVE  
INSUFFICIENCY, surgery/ MITRAL VALVE  
STENOSIS, surgery/ \*PURPURA,  
THROMBOPENIC, chemically induced/  
WARFARIN, adverse effects
5327. Reinbolt J, Peter R, Stehelin D, et al: Etude de la  
structure primaire de la protéine du virus de la  
mosaïque jaune du navet. I. Structure primaire des  
peptides tryptiques solubles dans l'eau.  
Biochim Biophys Acta 207:532-47, 23 Jun 70 (Fre)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ CHROMATOGRAPHY, GAS/  
CHROMATOGRAPHY, ION EXCHANGE/  
ENGLISH ABSTRACT/ HYDRAZINES/  
METHIONINE, analysis/ MOLECULAR  
WEIGHT/ \*PEPTIDES, analysis/ \*PLANT  
VIRUSES, analysis/ SOLUBILITY/ TRYPSIN/  
\*VIRAL PROTEINS, analysis
5328. Reinhardt G, Uhlenbruck G: An elastolytic enzyme  
acting on neuraminic acid containing red cell  
glycoproteins.  
Hoppe Seyler Z Physiol Chem 351:827-33, Jul 70  
ANIMAL EXPERIMENTS/ CATTLE/ CELL  
MEMBRANE, drug effects/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ ELECTROPHORESIS/  
\*ERYTHROCYTES, drug effects/ GEL  
FILTRATION/ \*GLYCOPROTEINS/  
MOLECULAR WEIGHT/ \*NEURAMINIC  
ACIDS/ PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE, pharmacodynamics/  
PAPAIN/ PEPTIDE PEPTIDOHYDROLASES/  
SWINE/ THROMBIN/ TRYPSIN
5329. Reinis Z, Pick R, Katz LN: Experimental stenosis of the  
aortic arch in cockerels.  
Angiologica (Basel) 6:362-75, 1969  
ANIMAL EXPERIMENTS/ \*AORTA,  
THORACIC, pathology/ \*AORTIC DISEASES,  
pathology/ AORTIC DISEASES,  
physiopathology/ AORTOGRAPHY/ CHICKENS/  
CINEANGIOGRAPHY/ DIET, ATHEROGENIC/  
HEMODYNAMICS/ MALE/ \*THROMBOSIS,  
pathology/ THROMBOSIS, physiopathology
5330. Reis RL, Glancy DL, O'Brien K, et al: Clinical and  
hemodynamic assessments of fabric-covered  
Starr-Edwards prosthetic valves.  
J Thorac Cardiovasc Surg 59:84-91, Jan 70  
ANEMIA, HEMOLYTIC, etiology/  
ANTICOAGULANTS, therapeutic use/ AORTIC



## AUTHOR SECTION

- VALVE, surgery/ BLOOD PRESSURE/ HEART ATRIUM/ \*HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ \*HEMODYNAMICS/ HUMAN/ MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, etiology/ TRICUSPID VALVE, surgery
5331. Reissigl H: Scope and limitations of therapy with plasma substitutes: differential indication for substitutes, blood preparations and electrolyte solutions. *Bibl Haemat* 33:32-54, 1969 (76 ref.) ACCIDENTS/ AGED/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ BURNS, therapy/ DEXTRAN, therapeutic use/ EDEMA, therapy/ \*ELECTROLYTES, therapeutic use/ EXTRACORPOREAL CIRCULATION/ FIRST AID/ GELATIN, therapeutic use/ HUMAN/ KIDNEY DISEASES, therapy/ MOLECULAR WEIGHT/ \*PLASMA SUBSTITUTES, therapeutic use/ REVIEW/ SHOCK, HEMORRHAGIC, diagnosis/ SHOCK, HEMORRHAGIC, pathophysiology/ \*SHOCK, HEMORRHAGIC, prevention & control/ SHOCK, SURGICAL/ SURGERY, OPERATIVE/ THROMBOSIS, therapy
5332. Reissigl H: Neue diagnostische Möglichkeiten--Grenzen der Beweiskraft erhobener Befunde. Hämostasestörungen (abnorme Blutungen) aus dieser Sicht. *Z Allgemeinmed* 45:1163-9, 10 Sep 69 (Ger) \*HEMORRHAGE, diagnosis/ HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ \*HEMOSTASIS/ HUMAN/ POSTOPERATIVE COMPLICATIONS, diagnosis
5333. Reitemeier RJ, Moertel CG, Hahn RG: Combination chemotherapy in gastrointestinal cancer. *Cancer Res* 30:1425-8, May 70 \*ADENOCARCINOMA, drug therapy/ ADULT/ ALOPECIA, chemically induced/ APPENDICEAL NEOPLASMS, drug therapy/ COMPARATIVE STUDY/ DERMATITIS MEDICAMENTOSA, etiology/ DIARRHEA, chemically induced/ \*FLUOROURACIL, administration & dosage/ FLUOROURACIL, adverse effects/ GALLBLADDER NEOPLASMS, drug therapy/ \*GASTROINTESTINAL NEOPLASMS, drug therapy/ HUMAN/ INTESTINAL NEOPLASMS, drug therapy/ LEUKOPENIA, chemically induced/ LIVER NEOPLASMS, drug therapy/ MITOMYCIN, administration & dosage/ \*MITOMYCIN, administration & dosage/ NAUSEA, chemically induced/ NITROSO COMPOUNDS, administration & dosage/ NITROSO COMPOUNDS, adverse effects/ PANCREATIC NEOPLASMS, drug therapy/ STOMACH NEOPLASMS, drug therapy/ STOMATITIS, chemically induced/ THROMBOPEINIA, chemically induced/ \*UREA, administration & dosage/ UREA, adverse effects/ VOMITING, chemically induced
5334. Reivich M: Regulation of the cerebral circulation. *Clin Neurosurg* 16:378-418, 1969 (168 ref.) ANIMAL EXPERIMENTS/ BLOOD-BRAIN BARRIER/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ BODY TEMPERATURE/ CARBON DIOXIDE, pharmacodynamics/ CARDIAC OUTPUT/ CATS/ \*CEREBROVASCULAR CIRCULATION/ CEREBROVASCULAR CIRCULATION, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATOR DILUTION TECHNIQUES/ INTRACRANIAL PRESSURE/ IODINE ISOTOPES, DIAGNOSTIC/ KRYPTON, diagnostic use/ MATHEMATICS/ OXYGEN, pharmacodynamics/ OXYGEN CONSUMPTION/ RADIOAUTOGRAPHY/ REGIONAL BLOOD FLOW/ REVIEW/ VASCULAR RESISTANCE
5335. Reikhtman BO: Fibrinolyticheskaia purpura pri take zheludka. *Klin Med (Moskva)* 47:49-50, Apr 69 (Rus) CASE REPORT/ FEMALE/ \*FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ \*PURPURA, etiology/ \*STOMACH NEOPLASMS, complications
5336. Renaud S: Thrombotic, atherosclerotic and lipemic effects of dietary fats in the rat. *Angiology* 20:657-69, Dec 69 ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, adverse effects/ \*ARTERIOSCLEROSIS, chemically induced/ BUTTER, adverse effects/ CACAO, adverse effects/ CAPRYLATES, adverse effects/ COCONUT, adverse effects/ DIET, ATHEROGENIC/ \*DIETARY FATS, adverse effects/ DISEASE MODELS, ANIMAL/ \*FATTY ACIDS, adverse effects/ \*HYPERLIPEMIA, chemically induced/ LINOLEIC ACID, adverse effects/ LIVER, pathology/ MALE/ OILS, adverse effects/ OLEIC ACID, adverse effects/ PALMITIC ACID, adverse effects/ RATS/ STEARIC ACID, adverse effects/ \*THROMBOSIS, chemically induced/ TRIGLYCERIDES, blood
5337. Renaud S, Godu J: Induction of large thrombi in hyperlipemic rats by epinephrine and endotoxin. *Lab Invest* 21:512-8, Dec 69 ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD PLATELETS/ BUTTER/ CHOLESTEROL, blood/ \*DIETARY FATS, adverse effects/ DIHYDROTACHYSTEROL, pharmacodynamics/ \*ENDOTOXINS/ \*EPINEPHRINE/ HEART ATRIUM, pathology/ \*HEPATIC VEIN THROMBOSIS, chemically induced/ HEPATIC VEIN THROMBOSIS, pathology/ \*HYPERLIPEMIA, complications/ MALE/ OILS/ RATS/ SALMONELLA TYPHOSA/ THROMBIN, physiology/ \*THROMBOSIS, chemically induced/ THROMBOSIS, pathology
5338. Renaud S, Kinlough RL, Mustard JF: Relationship between platelet aggregation and the thrombotic tendency in rats fed hyperlipemic diets. *Lab Invest* 22:339-43, Apr 70 ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ BUTTER/ CALCIUM/ CHOLESTEROL, blood/ COLLAGEN, pharmacodynamics/ \*DIETARY FATS/ ENDOTOXINS/ MALE/ PLATELET ADHESIVENESS, drug effects/ RATS/ SALMONELLA TYPHOSA/ STEARIC ACID/ THROMBIN/ \*THROMBOSIS, chemically induced/ TIME FACTORS/ TRIGLYCERIDES, blood
5339. Renaud S, Kuba K, Goulet C, et al: Relationship between fatty-acid composition of platelets and platelet aggregation in rat and man. Relation to thrombosis. *Circ Res* 26:553-64, May 70 ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD PLATELETS/ BLOOD PLATELETS, analysis/ BUTTER/ CHOLESTEROL, blood/ CHROMATOGRAPHY, GAS/ CORN/ \*CORONARY DISEASE, etiology/ \*DIETARY FATS/ ENDOTOXINS/ FATTY ACIDS, analysis/ \*FATTY ACIDS, blood/ HUMAN/ LINOLEIC ACID/ LIPIDS, analysis/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ OILS/ OLEIC ACID/ RATS/ STEARIC ACID/ THROMBIN/ \*THROMBOSIS, etiology
5340. Reneman RS, Wieberdink J: A new technique for bil (subcutaneous) fasciotomy of the anterior compartment of the leg. *Arch Chir Neerl* 22:39-43, 1969 \*FASCIA, surgery/ HEMATOMA, etiology/ HUMAN/ \*LEG, surgery/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SURGICAL INSTRUMENTS
5341. Renney JT, Kakkar VV, Nicolaides AN: The prevention of postoperative deep-vein thrombosis, compared with dextran-70 and intensive physiotherapy. *Brit J Surg* 57:388-9, May 70 \*DEXTRAN, therapeutic use/ FIBRINOGEN, diagnostic use/ HUMAN/ LEG/ \*PHYSICAL THERAPY/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ \*THROMBOPHLEBITIS, prevention & control
5342. Rennie AM: Fat embolism. *Canad J Surg* 13:41-9, Jan 70 (32 ref.) ADULT/ ALCOHOL, ETHYL, therapeutic use



## AUTHOR SECTION

- AUTOPSY/ BLOOD CIRCULATION/ BLOOD TRANSFUSION/ DEXTRAN, administration & dosage/ \*EMBOLISM, FAT/ EMBOLISM, FAT, drug therapy/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, mortality/ EMBOLISM, FAT, prevention & control/ EMBOLISM, FAT, therapy/ FRACTURES, complications/ HEPARIN, administration & dosage/ HUMAN/ HYDROCORTISONE, administration & dosage/ INJECTIONS, INTRAVENOUS/ MALE/ OXYGEN INHALATION THERAPY/ PEPTIC ULCER, complications/ REVIEW/ TACHYCARDIA, complications
5343. Renninger W: Isozymmuster der phosphoglucomutase der menschlichen thrombocyten (Thr.-PGM1) Humangenetik 8:255-7, 1969 (Ger)  
\*BLOOD PLATELETS, enzymology/ ELECTROPHORESIS/ ERYTHROCYTES, enzymology/ FEMALE/ HUMAN/ \*ISOENZYMES, analysis/ MALE/ \*PHOSPHOGLUCOMUTASE, analysis
5344. Repina MA, Bazanova GV, Bobrova OI, et al: Primenenie geparina pri affibrinogenemicheskoy krovotekhenii u rodil'nitsy. Vop Okhr Materin Dets 15:72-5, Feb 70 (Rus)  
ADULT/ \*AFIBRINOGENEMIA, drug therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, POSTPARTUM, drug therapy/ \*HEPARIN, therapeutic use/ HUMAN/ PREGNANCY
5345. Reps A, Poznański S, Kowalska W: Characteristics and biological properties of the milk coagulating enzyme obtained from the mould Byssoschlamys fulva. Bull Acad Pol Sci [Biol] 17:535-41, 1969  
\*ASCOMYCETES, enzymology/ HEAT/ HYDROGEN-ION CONCENTRATION/ MILK/ \*PEPTIDE HYDROLASES/ TIME FACTORS
5346. Resnick H, Lapp N, Morgan WK: Alpha 1-antitrypsin deficiency and emphysema. JAMA 211:1701, 9 Mar 70  
ALPHA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ HUMAN/ MALE/ \*METABOLISM, INBORN ERRORS, complications/ \*PULMONARY EMPHYSEMA, complications/ \*TRYPSIN INHIBITORS
5347. Reuter H, Linker H, Gross R: Ein möglicher Mechanismus der Desaggregation ADP-induzierter Aggregate durch Imipramin und strukturverwandte Verbindungen. Thromb Diath Haemorrh 22:396-7, 15 Nov 69 (Ger)  
\*ADENINE NUCLEOTIDES, metabolism/ ADENINE NUCLEOTIDES, pharmacodynamics/ AMITRIPTYLINE, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ CHLORPROMAZINE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ DIPHENHYDRAMINE, pharmacodynamics/ HUMAN/ \*IMIPRAMINE, pharmacodynamics/ NORTRIPTYLINE, pharmacodynamics/ OPTICAL ROTATORY DISPERSION/ PLATELET ADHESIVENESS, drug effects/ PROMAZINE, pharmacodynamics/ PROMETHAZINE, pharmacodynamics
48. Rex JO, Bach G: Zur Stimulierung der Thrombozytenfunktion durch ein neues Adrenochromderivat. Folia Haemat (Leipzig) 92:546-9, 1969 (Ger)  
\*ADRENOCHROME, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, drug effects/ DOGS/ NEODYMIUM/ PLATELET ADHESIVENESS, drug effects/ PRASEODYMIUM/ RABBITS/ \*SEMICARBAZIDES, pharmacodynamics/ STIMULATION, CHEMICAL
49. Rex JO, Freytag GE: Zur Phylogenese der Hämostase. Folia Haemat (Leipzig) 93:294-9, 1970 (Ger)  
AMOEBAS, physiology/ AMPHIBIA, physiology/ ANIMAL EXPERIMENTS/ ARTHROPODS, physiology/ BIRDS, physiology/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ ECHINODERMATA, physiology/ \*EVOLUTION/ FISHES, physiology/ \*HEMOSTASIS/ INSECTS, physiology/ SPECIES SPECIFICITY
5350. Raymond JC, Bouchet Y, Billema S: Etude critique des diverses techniques opératoires de prévention des occlusions par adhérences intestinales. J Chir (Paris) 99:25-38, Jan 70 (Fre)  
ADHESIONS, prevention & control/ ADULT/ ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ \*INTESTINAL DISEASES, surgery/ INTESTINAL FISTULA, prevention & control/ \*INTESTINAL OBSTRUCTION, prevention & control/ INTESTINE, SMALL, surgery/ MESENTERIC LYMPHADENITIS, surgery/ METHODS/ MIDDLE AGE/ PERITONEAL NEOPLASMS, surgery/ PERITONITIS, surgery/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ RATS/ SUTURE TECHNIQUES
5351. Reynolds BL, Reeves PR: Kinetics of adsorption of colicin CA42-E2 and reversal of its bactericidal activity. J Bact 100:301-9, Oct 69  
ADSORPTION/ COLICINS, antagonists & inhibitors/ \*COLICINS, pharmacodynamics/ \*ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ KINETICS/ MAGNESIUM, pharmacodynamics/ TIME FACTORS/ TRYPSIN, metabolism/ ZINC, pharmacodynamics
5352. Reynolds BL, Strickland WM: Reduction of exogenous water and solute requirements during elective operations, with postoperative enhancement of peripheral red cell mass. Amer Surg 35:725-9, Oct 69  
\*BLOOD VOLUME/ \*ERYTHROCYTES/ \*HEMOSTATICS, administration & dosage/ HEMOSTATICS, urine/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MUCOPROTEINS, metabolism/ NEURAMINIC ACIDS, urine/ PLASMA/ PLASMA VOLUME/ POSTOPERATIVE CARE/ SALICYLATES, administration & dosage/ SOLUTIONS/ WATER/ \*WATER, administration & dosage
5353. Reynolds HY, Johnson JS: Canine immunoglobulins. 3. Distribution of immunoglobulins in colostrum and isolation of secretory IgA 7S gamma 1. J Immun 104:1000-8, Apr 70  
ACRYLATES/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ \*COLOSTRUM, immunology/ DEXTRAN/ DOGS/ ELECTROPHORESIS/ \*GAMMA GLOBULIN, isolation & purification/ \*GAMMA GLOBULIN, 7S, classification/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GELS/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ IMMUNOGLOBULINS, isolation & purification/ IODINE/ IODOACETATES, pharmacodynamics/ TETROSES/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION
5354. Reynolds J, Anslinger D, Yore R, et al: Transvenous cardiac pacemaker, mural thrombosis, and pulmonary embolism. Amer Heart J 78:688-91, Nov 69  
AGED/ CASE REPORT/ ELECTRODES/ HEPARIN, therapeutic use/ HUMAN/ MALE/ \*PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ \*PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ RADIOISOTOPE SCANNING/ \*THROMBOSIS, complications/ THROMBOSIS, etiology
5355. Reynolds JA, Tanford C: Binding of dodecyl sulfate to proteins at high binding ratios. Possible implications for the state of proteins in biological membranes. Proc Nat Acad Sci USA 66:1002-7, Jul 70  
BLOOD PROTEINS/ CATALASE/ CHYMOTRYPSIN/ \*DETERGENTS/ DIALYSIS/ ENZYME PRECURSORS/ ERYTHROCYTES/ HEMOGLOBIN/ HISTONES/ LACTOGLOBULINS/ MEMBRANES/ MODELS, CHEMICAL/ MODELS, STRUCTURAL/ MUCOPROTEINS/ MURAMIDASE/ MUSCLE PROTEINS/ MYOGLOBIN/ OVALBUMIN/ \*PROTEIN BINDING/ RIBONUCLEASE/



# AUTHOR SECTION

- SERUM ALBUMIN, BOVINE/ \*SULFURIC ACIDS
5356. Reynolds JJ: Degradation processes in bone and cartilage. *Calcif Tissue Res Suppl*:52-6, 1970 (23 ref.)  
ALKALINE PHOSPHATASE/ ANIMAL EXPERIMENTS/ BIRDS/ \*BONE AND BONES, enzymology/ \*BONE DISEASES, enzymology/ \*BONE RESORPTION, etiology/ CALCIUM METABOLISM DISORDERS/ \*CARTILAGE, enzymology/ CATHEPSIN, analysis/ CHICKENS/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN DISEASES, enzymology/ HOMEOSTASIS/ HUMAN/ HYDROCORTISONE/ HYDROXYPROLINE/ IMMUNE SERUMS/ LYSOSOMES, analysis/ MICE/ MUCOPOLYSACCHARIDES/ OSTEOCLASTS, analysis/ OSTEOCYTES, analysis/ PARATHYROID HORMONE, metabolism/ PEPTIDE HYDROLASES/ RABBITS/ RADIOISOTOPES/ RATS/ REVIEW/ RNA, biosynthesis/ SHEEP/ UTERUS, enzymology/ VITAMIN A, therapeutic use
5357. Reynolds W Jr: Techniques of total appendectomy. *Surg Gynec Obstet* 130:891-6, May 70  
\*APPENDECTOMY/ CECUM, surgery/ HEMOSTASIS/ HUMAN/ METHODS/ SURGICAL STAPLERS/ SUTURE TECHNICS
5358. Riabukha TK: Protivovospalitel'noe deistvie iprazida 1 DG-2. *Farmakol Toksik* 33:199-201, Mar-Apr 70 (Rus)  
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, therapeutic use/ \*CARRAGEENAN, antagonists & inhibitors/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ EDEMA, chemically induced/ \*EDEMA, prevention & control/ ENGLISH ABSTRACT/ \*FORMALDEHYDE, antagonists & inhibitors/ \*IPRONIAZID, pharmacodynamics/ IPRONIAZID, therapeutic use/ \*MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ RATS/ \*SEROTONIN, antagonists & inhibitors/ STIMULATION, CHEMICAL/ TRYPSIN INHIBITORS, pharmacodynamics
5359. Riabiy PA: Izmeneniya v sisteme svertyvaniya krovi pod vliyaniem perellvaniya belkovogo krovezamenitella BK-8. *Vrach Delo* 11:91-3, Nov 69 (Rus)  
ADULT/ \*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ GOITER, surgery/ HUMAN/ MIDDLE AGE/ \*PLASMA SUBSTITUTES, therapeutic use/ POSTOPERATIVE CARE/ PYLORIC STENOSIS, etiology/ \*PYLORIC STENOSIS, therapy/ \*STOMACH ULCER, complications
5360. Riabiy PA: K voprosu ob izmenenii nekotorykh faktorov svertyvaniya v konservirovannoi krovi. *Probl Gemat* 14:45-8, Mar 69 (Rus)  
\*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ \*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ HUMAN/ TIME FACTORS
5361. Ribet M, Quandalle P, Meignie P, et al: Thymo-angio-fibro-lipome associé a des lésions osseuses. *Ann Chir Thorac Cardiovasc* 8:173-7, Mar 69 (Fre)  
ADULT/ \*BONE DISEASES, complications/ BONE DISEASES, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ LIPOMA, complications/ LIPOMA, pathology/ MEDIASTINAL NEOPLASMS, radiography/ \*THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, pathology
5362. Ribuot: Utilisation d'un hémostatique en pratique stomatologique et maxillo-faciale. *Inform Dent* 52:316-9, 22 Jan 70 (Fre)  
\*HEMORRHAGE, ORAL, prevention & control/ \*HEMOSTATICS, administration & dosage/ HUMAN/ MAXILLOFACIAL INJURIES, surgery/ \*SURGERY, ORAL
5363. Riccietelli ML: Pulmonary embolism: modern concepts and diagnostic techniques. *J Amer Geriatr Soc* 18:714-28, Sep 70 (42 ref.)  
ANTICOAGULANTS, therapeutic use/ CONTRACEPTIVES, ORAL, adverse effects/ ELECTROCARDIOGRAPHY/ EMBOLISM, AMNIOTIC FLUID complications/ EMBOLISM, FAT, complications/ ENZYME TESTS/ HUMAN/ \*PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, occurrence/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, therapy/ RADIOISOTOPE SCANNING/ RESPIRATORY FUNCTION TESTS/ REVIEW/ SHOCK, therapy/ THERMOGRAPHY/ ULTRASONICS, diagnostic use
5364. Rich JC: Intra-ocular pressure and wound closure after cataract extraction. *Trans Ophthalm Soc UK* 88:473-9, 1969  
ANTERIOR CHAMBER, anatomy & histology/ \*CATARACT EXTRACTION/ CHYMOTRYPSIN/ HUMAN/ \*INTRAOCULAR PRESSURE/ \*SUTURE TECHNICS/ TONOMETRY/ WOUND HEALING
5365. Richards AJ: Disseminated intravascular coagulation. *Brit Med J* 1:222-3, 25 Jul 70  
\*BLOOD COAGULATION DISORDERS, etiology/ \*CLOSTRIDIUM INFECTIONS, complications/ CLOSTRIDIUM PERFRINGENS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENTERITIS, etiology/ HEMORRHAGE, GASTROINTESTINAL, mortality/ HUMAN/ MALE/ MIDDLE AGE
5366. Richardson RH, Guenter CA, Welch MH, et al: pattern of inheritance of alpha 1 antitrypsin deficiency and associated pulmonary diseases. *Amer Rev Resp Dis* 100:619-25, Nov 69  
ADOLESCENCE/ ADULT/ AGED/ ALLELES/ \*BLOOD PROTEIN DISORDERS, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GEL DIFFUSION TESTS/ GENES/ DOMINANT/ GENES, RECESSIVE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, blood/ MIDDLE AGE/ PEDIGREE/ \*RESPIRATORY TRACT DISEASES, familial/ genetic/ SPIROMETRY/ \*TRYPSIN INHIBITORS, blood
5367. Richou R, Lallouette P: Action du sérum normal sérum antipapainique de lapin envers les réactions inflammatoires aiguës provoquées chez la souris papaine. *C R Acad Sci [D] (Paris)* 269:2280-2, 3 Dec 69  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ pharmacodynamics/ GEL DIFFUSION TESTS/ \*IMMUNE SERUMS, therapeutic use/ IMMUNOCHEMISTRY/ INFLAMMATION, chemically induced/ \*INFLAMMATION, therapy/ MICE/ \*PAPAIN, adverse effects/ RABBITS/ TRYPSIN, pharmacodynamics
5368. Richou R, Lallouette P: Action du sérum normal sérum antipapainique de lapin envers les réactions inflammatoires aiguës provoquées chez la souris papaine. *C R Acad Sci [D] (Paris)* 269:2280-2, 3 Dec 69  
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ pharmacodynamics/ GEL DIFFUSION TESTS/ IMMUNOCHEMISTRY/ INFLAMMATION, chemically induced/ \*INFLAMMATION, therapy/ MICE/ \*PAPAIN/ RABBITS/ SEROTHERAPY/ TRYPSIN, pharmacodynamics
5369. Richter GW, Moppert GA, Lee JC: A comparison of fingerprints of tryptic digests of human, horse and bovine apoferritins. *Comp Biochem Physiol* 32:451-8, 1970  
ANIMAL EXPERIMENTS/ CELLULOSE/ CHROMATOGRAPHY/ ELECTROPHORESIS/ \*FERRITIN, analysis/ HORSES/ HUMAN/ LIVER, analysis/ PEPTIDES, analysis/ RABBIT/ SPLEEN, analysis/ TRYPSIN



# AUTHOR SECTION

5370. Richter K: Eine mit den Gerinnungsfaktoren II, VII, IX und X angereicherte Fraktion (PPSB) aus Humanplasma. *Folia Haemat (Leipzig)* 93:340-3, 1970 (Ger)  
ADSORPTION, ANTICOAGULANTS, APARTTES, BLOOD COAGULATION FACTORS, isolation & purification, BLOOD TRANSFUSION, CALCIUM CITRATES, FACTOR VII, isolation & purification, FACTOR IX, isolation & purification, FACTOR X, isolation & purification, HUMAN/ PHOSPHATES, PROTHROMBIN, isolation & purification
5371. Richter K, Rex JO, Stinner G, et al: In-vivo-Überprüfung gerinnungsaktiver Fraktionen. *Folia Haemat (Leipzig)* 93:344-4, 1970 (Ger)  
BLOOD COAGULATION FACTORS, standards/ BLOOD PRESERVATION, BLOOD TRANSFUSION, FACTOR VII, analysis/ FACTOR IX, analysis, HEMOPHILIA, therapy, HUMAN
5372. Richter M, Markwardt F: Über den Kombinationseffekt von PAMBA und Contrykal. *Folia Haemat (Leipzig)* 93:30-1, 1969 (Ger)  
ANIMAL EXPERIMENTS, ANTIFIBRINOLYTIC AGENTS, pharmacodynamics, BENZOATES, pharmacodynamics, DRUG SYNERGISM/ FIBRINOLYSIS, KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics, RABBITS/ THROMBELASTOGRAPHY
5373. Rieckl EE, Zaugg H: Isolation and purification of highly enriched tissue plasminogen activator from pig heart. *Thromb Diath Haemorrh* 33:64-74, 22 Feb 70  
AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS, BLOOD COAGULATION TESTS, ELECTROPHORESIS, DISK, ENZYME ACTIVATION, FIBRINOGEN, isolation & purification, FIBRINOLYTIC AGENTS, GEL FILTRATION/ HEART, enzymology, ION EXCHANGE RESINS/ MYOCARDIUM, PLASMINOGEN, PLASMINOGEN, isolation & purification/ PRECIPITATION, SULFATES, pharmacodynamics, SWINE, UREA, pharmacodynamics
5374. Riddle JM, Barnhart MI: Eosinophil mobilization during disseminated intravascular coagulation. *Thromb Diath Haemorrh* 36:Suppl 36:99+, 1969  
ANIMAL EXPERIMENTS, BLOOD CELL COUNT, BLOOD COAGULATION DISORDERS, blood, BLOOD COAGULATION DISORDERS, immunology, BLOOD PLATELETS, BLOOD PLATELETS, drug effects, BONE MARROW EXAMINATION/ CELL MOVEMENT, CORTICOTROPIN, pharmacodynamics, DOGS, EOSINOPHILS/ EOSINOPHILS, drug effects, FIBRINOGEN, analysis, FIBRINOLYSIS, drug effects, FLUORESCENT ANTIBODY TECHNIC, HUMAN, PHOTOMICROGRAPHY, THROMBIN, pharmacodynamics, THROMBOSIS, prevention & control
5375. Ridgway SH, Stimpson JG, Patton GS, et al: Hematologic findings in certain small cetaceans. *J Amer Vet Med Ass* 157:548-75, 1 Sep 70  
ALANINE AMINOTRANSFERASE, blood, ALKALINE PHOSPHATASE, blood, ANIMAL EXPERIMENTS, ASPARTATE AMINOTRANSFERASE, blood, BILIRUBIN, blood, BLOOD CELL COUNT, BLOOD CHEMICAL ANALYSIS, BLOOD COAGULATION TESTS, BLOOD SUGAR, analysis, BLOOD UREA NITROGEN, BLOOD VOLUME, CETACEA, CHOLESTEROL, analysis, DOLPHINS, ELECTROLYTES, blood/ ENVIRONMENT, FEMALE, HEMOGLOBINOMETRY, IODINE, analysis/ LACTATE DEHYDROGENASE, blood, MALE/ OSMOLAR CONCENTRATION, PROTEIN-BOUND IODINE TEST/ THYROXINE, analysis, URIC ACID, blood
5376. Riede UN, Villiger W: Oberflächenfeinstruktur der Aortenwand beim arteriosklerotischen Ulcus. Eine rasterelektronenmikroskopische Untersuchung. *Virchow Arch (Zellpath)* 5:294-300, 1970 (Ger)  
AORTA, ABDOMINAL, pathology, ARTERIOSCLEROSIS, pathology, ARTERIOSCLEROSIS, pathology, CALCINOSIS, pathology, CHOLESTEROL, metabolism/ ENGLISH ABSTRACT, FIBRIN, metabolism, HUMAN, LIPIDS, metabolism, MICROSCOPY, ELECTRON, SCANNING
5377. Riekkinen PJ, Clausen J: Proteinase activity of myelin. *Brain Res* 15:413-30, Oct 69  
ACID PHOSPHATASE, analysis, ANIMAL EXPERIMENTS, BRAIN, enzymology, CATEPSIN, analysis, CENTRIFUGATION, CENTRIFUGATION, DENSITY GRADIENT, HISTOCYTOCHEMISTRY, HYDROGEN-ION CONCENTRATION/ LACTATE DEHYDROGENASE, analysis, MALE/ MICROSCOPY, ELECTRON/ MYELIN SHEATH, enzymology, NERVE TISSUE PROTEINS, analysis, PEPTIDE HYDROLASES, analysis, RATS, SUCCINATE DEHYDROGENASE, analysis/ ULTRACENTRIFUGATION
5378. Riekkinen PJ, Clausen J, Arstila AU: Further studies on neutral proteinase activity of CNS myelin. *Brain Res* 19:213-27, 14 Apr 70  
ACID PHOSPHATASE/ ANIMAL EXPERIMENTS, BRAIN, enzymology, BRAIN CHEMISTRY, DNA, analysis, HYDROGEN-ION CONCENTRATION, LACTATE DEHYDROGENASE, analysis, LIPIDS, analysis/ LYSOSOMES, METHODS, MICROSCOPY, ELECTRON, MITOCHONDRIA, MYELIN SHEATH, MYELIN SHEATH, analysis, OSMOSIS/ PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis, RATS, SUCCINATE DEHYDROGENASE, analysis/ ULTRACENTRIFUGATION
5379. Riets P, Gloor U, Wiss O: Menachinone aus menschlicher Leber und Faulschlamm. *Int Z Vitaminforsch* 40:351-62, 1970 (Ger)  
CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT, HUMAN, LIVER, analysis, NAPHTHOQUINONES, analysis/ NAPHTHOQUINONES, isolation & purification/ NUCLEAR MAGNETIC RESONANCE/ PHYTONADIONE, analysis/ PHYTONADIONE, isolation & purification, SEWAGE, SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS, VITAMIN K, analysis, VITAMIN K, isolation & purification
5380. Rigó J, Puchok I, Szélenyi I: Isledovania deistvii sirova shipovnika, obogashchennogo magniem Viroma ("Viroma"), na eksperimental'nuu gipertenzii i na gipertonicheskuu bolezn'. *Vop Pitav* 23:12-4, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS, ANTIHYPERTENSIVE AGENTS, therapeutic use, BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL, DIET, ATHEROGENIC, ENGLISH ABSTRACT/ HUMAN, HYPERTENSION, drug therapy/ HYPERTENSION, etiology, HYPERTENSION, prevention & control, MAGNESIUM, analysis/ MAGNESIUM, therapeutic use/ PLANT EXTRACTS, analysis, PLANT EXTRACTS, pharmacodynamics, PLANT EXTRACTS, therapeutic use, PLANTS/ RATS
5381. Rigopoulou D, Valverde I, Marco J, et al: Large glucagon immunoreactivity in extracts of pancreas. *J Biol Chem* 245:496-501, 10 Feb 70  
ACETIC ACIDS, ANIMAL EXPERIMENTS/ ANTIGENS, BIOLOGICAL ASSAY, CATTLE/ DOGS, DUCKS, ELECTROPHORESIS, DISK/ GEL FILTRATION/ GLUCAGON, GLUCAGON, analysis/ GLYCOGEN, metabolism/ GUANIDINES, HUMAN, IMMUNE SERUMS, IODINE ISOTOPES, LIVER, metabolism/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ PANCREAS, immunology, PEPTIDES, PERFUSION, RADIOIMMUNOASSAY/ RATS/ SPECIES SPECIFICITY, SWINE, TRYPSIN, UREA



# AUTHOR SECTION

5382. Riishede J: Mozková apoplexie. Chirurgické léčení intracerebrálních hematomů. (Cze)  
Cesk Neurol 32:217-23, Sep 69  
ADULT/ AGED/ CEREBRAL ANGIOGRAPHY/  
\*CEREBRAL HEMORRHAGE, complications/  
\*CEREBRAL HEMORRHAGE, surgery/  
\*CEREBROVASCULAR DISORDERS/  
CEREBROVASCULAR DISORDERS, diagnosis/  
CEREBROVASCULAR DISORDERS, mortality/  
CRANIOTOMY/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ HEMATOMA, surgery/  
HUMAN/ MIDDLE AGE/ PROGNOSIS
5383. Rikshospitalet F: Trombopenisk purpura.  
T Norsk Laegeforen 89:1811-2, 1 Dec 69 (Nor)  
BLOOD TRANSFUSION/ HUMAN/ \*PURPURA,  
THROMBOPENIC
5384. Rinderknecht H, Silverman P, Geokas MC, et al:  
Determination of trypsin and chymotrypsin with  
remazolbrilliant blue-hide.  
Clin Chim Acta 28:239-46, May 70  
ANTIGEN-ANTIBODY REACTIONS/ ASCITES/  
CALCIUM CHLORIDE/ \*CHYMOTRYPSIN,  
analysis/ DYES/ DYES, chem synthesis/  
HYDROGEN-ION CONCENTRATION/ IMMUNE  
SERUMS/ KINETICS/ MACROGLOBULINS/  
OSMOLAR CONCENTRATION/ PLEURAL  
EFFUSION, analysis/ PROTEIN BINDING/  
SURFACE-ACTIVE AGENTS/ \*TRYPSIN,  
analysis/ TRYPSIN, blood
5385. Rintelen F: Gesichtsfelddefekte bei Hirntumoren.  
Ophthalmologica (Basel) 158:451-68, 1969 (Ger)  
ADENOMA, complications/ ADENOMA,  
diagnosis/ ADULT/ ANGIOMA, SCLEROSING,  
diagnosis/ \*BRAIN NEOPLASMS,  
complications/ BRAIN NEOPLASMS, diagnosis/  
CRANIOPHARYNGIOMA, complications/  
CRANIOPHARYNGIOMA, diagnosis/ EYE  
MANIFESTATIONS/ GLIOMA, complications/  
GLIOMA, diagnosis/ HEMIANOPSIA, diagnosis/  
HEMIANOPSIA, etiology/ HUMAN/  
MENINGIOMA, complications/ MENINGIOMA,  
diagnosis/ NEUROMA, complications/  
NEUROMA, diagnosis/ PERIMETRY/  
PITUITARY NEOPLASMS, complications/  
PITUITARY NEOPLASMS, diagnosis/ \*VISUAL  
FIELDS
5386. Rintelen F, Meyer JP: Zur Kenntnis der nichtokularen  
Gefahren allgemeinmedizinischer Therapie bei  
Augenaffektionen.  
Klin Mbl Augenhellk 156:206-10, Feb 70 (Ger)  
ACETAZOLAMIDE, adverse effects/ AGED/  
ANTICOAGULANTS, adverse effects/  
DIURETICS, adverse effects/ \*DRUG  
THERAPY, adverse effects/ EDEMA,  
chemically induced/ ENGLISH ABSTRACT/  
\*EYE DISEASES, drug therapy/  
HEMORRHAGE, chemically induced/ HUMAN/  
HYPOKALEMIA, chemically induced/ MALE/  
OXYPHENBUTAZONE, adverse effects/  
PHENYLBUTAZONE, adverse effects/  
THROMBOEMBOLISM, chemically induced
5387. Rippon JW, Garber ED: Dermatophyte pathogenicity as  
a function of mating type and associated enzymes.  
J Invest Derm 53:445-8, Dec 69  
ANIMAL EXPERIMENTS/ DERMATOMYCOSIS,  
etiology/ \*DERMATOPHYTES, enzymology/  
\*DERMATOPHYTES, pathogenicity/  
DERMATOPHYTES, physiology/ GUINEA  
PIGS/ MICROSPORUM, enzymology/  
MICROSPORUM, pathogenicity/ PEPTIDE  
HYDROLASES, analysis/ TINEA, etiology/  
TRICHOPHYTON, enzymology/  
TRICHOPHYTON, pathogenicity
5388. Ritschel WA: Sorption promoters in biopharmaceutics.  
Angew Chem [Eng] 8:699-710, Oct 69 (136 ref.)  
\*ABSORPTION/ ANIMAL EXPERIMENTS/  
\*BIOPHARMACEUTICS/ CARBOHYDRATES,  
pharmacodynamics/ CELL MEMBRANE  
PERMEABILITY, drug effects/  
CHYMOTRYPSIN, pharmacodynamics/  
DIFFUSION/ DIMETHYL SULFOXIDE/  
\*DRUGS, metabolism/ FATTY ACIDS,  
pharmacodynamics/ GASTROINTESTINAL  
SYSTEM, metabolism/ HUMAN/  
HYALURONIDASE, pharmacodynamics/  
MUCOUS MEMBRANE, metabolism/ REVIEW/  
SAPONINS, pharmacodynamics/ SKIN,  
metabolism/ SOLVENTS/ SURFACE-ACTIVE  
AGENTS, pharmacodynamics/ TABLETS/  
WATER
5389. Ritter MC, Dempsey ME: Purification and  
characterization of a naturally occurring activator of  
cholesterol biosynthesis from delta 5,7-cholestadienol  
and other precursors.  
Biochem Biophys Res Commun 38:921-9, 12 Mar 70  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BINDING SITES/  
\*CHOLESTANES/ CHOLESTEROL,  
biosynthesis/ DRUG STABILITY/ ENZYME  
ACTIVATION/ GEL FILTRATION/ HEAT/  
METHODS/ \*MICROSOMES, LIVER, analysis/  
MICROSOMES, LIVER, enzymology/ MODELS,  
BIOLOGIC/ MODELS, CHEMICAL/ NADP/  
OXIDOREDUCTASES/ PRECIPITATION/  
\*PROTEINS/ PROTEINS, isolation &  
purification/ PROTEINS, metabolism/ RATS/  
SOLUBILITY/ \*STEROLS/ SULFATES/  
TRYPSIN/ TRYPSIN INHIBITORS/  
ULTRACENTRIFUGATION
5390. Ritter R: Das hämolytisch-ur-ämische Syndrom.  
Behandlungsversuch mit einem Proteinaseinhibitor.  
Med Welt 52:2790-6, Dec 69 (Ger)  
\*ANEMIA, HEMOLYTIC, drug therapy/  
CHILD/ FIBRINOLYSIS/ HUMAN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*KIDNEY FAILURE, ACUTE,  
drug therapy/ MALE/ \*THROMBOPENIA, drug  
therapy
5391. Ritzmann SE: Cryofibrinogenaemia in patients on oral  
contraceptives. Lancet 1:522, 7 Mar 70  
\*BLOOD PROTEIN DISORDERS, chemically  
induced/ BLOOD PROTEIN DISORDERS,  
diagnosis/ \*COLD/ \*CONTRACEPTIVES, ORAL,  
adverse effects/ FEMALE/ \*FIBRINOGEN/  
HUMAN
5392. River GL, Dovenbarger WV, Nikolai TF, et al: Unusual  
complications of kidney biopsy. J Urol 103:15-7, Jan 70  
ADOLESCENCE/ ADULT/ \*ARTERIOVENOUS  
FISTULA, etiology/ \*BIOPSY, adverse effects/  
BLOOD COAGULATION DISORDERS,  
complications/ FEMALE/  
GLOMERULONEPHRITIS, complications/  
HUMAN/ KIDNEY DISEASES, diagnosis/  
\*KIDNEY PELVIS, injuries/ MALE/  
METHODS/ MIDDLE AGE/  
NEPHROCALCINOSIS, complications/  
\*URETERAL CALCULI, etiology
5393. Rivroir J: Considérations sur le traitement des  
entorses et des phlébites superficielles par un  
pommade a base d'heparinoïde de synthèse et  
d'alpha-chymotrypsine. D'après une expérience  
personnelle poursuivie deux ans et portant sur plus de  
85 malades. Lyon Med 221:269-70, 9 Feb 69 (Fr)  
\*CHYMOTRYPSIN, therapeutic use/  
\*HEPARINOID, therapeutic use/ HUMAN/  
MIDDLE AGE/ \*PHLEBITIS, drug therapy/  
\*SPRAINS AND STRAINS, drug therapy
5394. Rizza CR: The management of haemophilia.  
Practitioner 204:763-72, Jun 70  
BLOOD TRANSFUSION/ \*CHRISTMAS  
DISEASE, therapy/ EDUCATION/ FACTOR  
VIII, therapeutic use/ \*HEMOPHILIA,  
therapy/ HOSPITALIZATION/ HUMAN/ MALE
5395. Rizza V, Tucker AN, White DC: Lipids of Bacteroid  
melaninogenicus. J Bact 101:84-91, Jan 70  
\*BACTEROIDES, analysis/ BACTEROIDES,  
enzymology/ BACTEROIDES, metabolism/  
CEPHALINS, analysis/ CHROMATOGRAPHY,  
GAS/ CHROMATOGRAPHY, PAPER/  
CHROMATOGRAPHY, THIN LAYER/  
CYTOCHROMES, analysis/ ELECTRON  
TRANSPORT/ FATTY ACIDS, analysis/  
GLYCERIN, analysis/ HEME, analysis/  
LIPIDS, analysis/ LIPIDS, isolation &  
purification/ PHOSPHATES, analysis/  
PHOSPHOLIPIDS, analysis/ PHOSPHORUS  
ISOTOPES/ VITAMIN K, analysis



# AUTHOR SECTION

5396. Rizzi I: I tumori del tessuti molli.  
Minerva Med 60:3451-74, 15 Sep 69 (Ita)  
FIBROMA/ GLOMANGIOMA/  
HEMANGIOENDOTHELIOMA/ HEMANGIOMA/  
HEMANGIOEPERICYTOMA/ HUMAN/  
LEIOMYOMA/ LEIOMYOSARCOMA/ LIPOMA/  
LIPOSARCOMA/ LYMPHANGIOMA/  
LYMPHANGIOSARCOMA/ \*MELANOMA/  
\*MESOTHELIOMA/ MYOBLASTOMA/  
MYXOMA/ MYXOSARCOMA/ \*NEOPLASMS,  
CONNECTIVE TISSUE/ \*NEOPLASMS,  
MUSCLE TISSUE/ \*NEOPLASMS, VASCULAR  
TISSUE/ \*NEVUS/ RHABDOMYOMA/  
RHABDOMYOSARCOMA/ SARCOMA,  
KAPOSI'S
5397. Ro J: Hemostaseforskning og kirurgi.  
Nord Med 84:1086-7, 20 Aug 70 (Nor)  
HEMORRHAGE, prevention & control/  
HEMOSTASIS/ HUMAN/ \*POSTOPERATIVE  
CARE
5398. Rø JS, Knutrud O, Stormorken H: Antifibrinolytic  
treatment with tranexamic acid (AMCA) in pediatric  
urinary tract surgery. J Pediatr Surg 5:315-20, Jun 70  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ BLADDER, surgery/ BLOOD  
TRANSFUSION/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ \*HEMORRHAGE,  
prevention & control/ HUMAN/ MALE/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ URETER, surgery/  
\*VESICO-URETERAL REFLUX, surgery
5399. Robecchi E: La situazione attuale nel trattamento con  
contraccettivi ormonali.  
Minerva Med 61:2394-404, 30 May 70 (Ita)  
ADRENAL GLANDS, drug effects/ ADULT/  
BLOOD COAGULATION, drug effects/  
CARBOHYDRATES, metabolism/  
CHROMOSOME ABNORMALITIES, etiology/  
\*CONTRACEPTIVES, ORAL, administration &  
dosage/ CONTRACEPTIVES, ORAL, adverse  
effects/ DEPRESSION, etiology/ FEMALE/  
HEADACHE, etiology/ HUMAN/ JAUNDICE,  
etiology/ LIVER, drug effects/ NAUSEA,  
etiology/ THROMBOEMBOLISM, etiology/  
UTERUS, drug effects
5400. Robert B, Legrand Y, Pignaud G, et al: Activité  
élastolytique associée aux plaquettes sanguines.  
Path Biol (Paris) 17:615-22, Jun-Jul 69 (Fre)  
BLOOD PLATELETS, drug effects/ \*BLOOD  
PLATELETS, metabolism/ BUFFERS/  
ELASTIN, isolation & purification/ \*ELASTIN,  
metabolism/ ELASTIN, pharmacodynamics/  
ENGLISH ABSTRACT/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ IODINE  
ISOTOPES/ KINETICS/  
\*PANCREATOPEPTIDASE, metabolism/  
PLASMA, physiology/ TRYPSIN,  
pharmacodynamics
5401. Robert B, Robert L: Determination of elastolytic  
activity with 125-I and 131-I labelled elastin.  
Europ J Biochem 11:62-7, Nov 69  
CHEMISTRY/ CHYMOTRYPSIN/  
CLOSTRIDIOPEPTIDASE A/ \*ELASTIN/  
IODINE ISOTOPES/ KINETICS/  
\*PANCREATOPEPTIDASE/ \*PAPAIN/  
\*PEPSIN/ \*PEPTIDE PEPTIDOHYDROLASES/  
TRYPSIN
5402. Robert B, Sziget M, Robert L, et al: Release of  
elastolytic activity from blood platelets.  
Nature (London) 225:1248-9, 19 Sep 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ARTERIOSCLEROSIS, etiology/ \*BLOOD  
PLATELETS, enzymology/ CATHEPSIN, blood/  
\*ELASTIN, metabolism/ GEL FILTRATION/  
HUMAN/ IODINE ISOTOPES/  
\*PANCREATOPEPTIDASE, blood/  
SURFACE-ACTIVE AGENTS
5403. Robert JM: La génétique à Lyon, il y a cent ans.  
Lyon Med Suppl:137-9, Dec 69 (Fre)  
ABNORMALITIES, history/ FEMALE/  
FRANCE/ \*GENETICS, history/ HEMOPHILIA,  
history/ HISTORICAL ARTICLE/ HISTORY  
OF MEDICINE, 19TH CENT./ HISTORY OF  
MEDICINE, 20TH CENT./ HUMAN/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, history/ SYPHILIS, history
5404. Robert D'Eshougues J: Les manifestations biologiques  
de la goutte. Lille Med 15:254-6, Jan 70 (Fre)  
BLOOD SEDIMENTATION/ FEMALE/  
FIBRINOGEN, analysis/ \*GOUT, metabolism/  
HUMAN/ MALE/ URIC ACID, blood/ \*URIC  
ACID, metabolism/ URIC ACID, urine
5405. Roberts GC, Jardetzky O: Nuclear magnetic resonance  
spectroscopy of amino acids, peptides, and proteins.  
Advances Protein Chem 24:447-545, 1970 (231 ref.)  
AMIDES/ \*AMINO ACIDS/ ANTIBODIES/  
ASPARTIC ACID/ CHEMISTRY/ CHOLINE/  
CHYMOTRYPSIN/ COPPER/ HEME/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ METALS/ MURAMIDASE/  
NUCLEAR MAGNETIC RESONANCE/  
\*PEPTIDES/ PROTEIN BINDING/ PROTEIN  
DENATURATION/ \*PROTEINS/ REVIEW/  
RIBONUCLEASE/ SERUM ALBUMIN/  
STAPHYLOCOCCUS, enzymology/  
TRANSFERASES
5406. Roberts HR: Acquired inhibitors to factor IX.  
New Eng J Med 283:543-4, 3 Sep 70  
\*ANTIBODIES/ CROSS REACTIONS/ FACTOR  
VIII, analysis/ \*FACTOR IX/ HEMOPHILIA,  
immunology/ HUMAN
5407. Roberts PS: The effects of Na+ and K+ on the citrate  
activation of prothrombin and on the esterase  
activities of thrombokinase.  
Biochim Biophys Acta 201:340-9, 24 Feb 70  
ARGININE/ CATTLE/ CHEMISTRY/  
CHLORIDES/ \*CITRATES/ ENZYME  
ACTIVATION, drug effects/ ESTERASES/  
ESTERS/ \*FACTOR X, antagonists &  
inhibitors/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ OXALATES/  
PHOSPHATES/ \*POTASSIUM/  
\*PROTHROMBIN/ \*SODIUM/ SULFATES
5408. Robertson B: Trombolysbehandling: Streptokinas vid  
akuta venösa extremitetstomboser.  
Lakartidningen 66:3817-26, 17 Sep 69 (Swe)  
ANGIOGRAPHY/ HEPARIN, therapeutic use/  
HUMAN/ \*STREPTOKINASE, therapeutic use/  
THROMBOPHLEBITIS, complications/  
\*THROMBOPHLEBITIS, drug therapy/  
THROMBOPHLEBITIS, radiography
5409. Robertson DM, Hines JD, Rucker CW: Acquired  
sixth-nerve paresis in children.  
Arch Ophthal (Chicago) 83:574-9, May 70  
\*ABDUCENT NERVE/ ADOLESCENCE/ AGE  
FACTORS/ CARCINOMA, complications/  
CHILD/ CHILD, PRESCHOOL/  
CRANIOPHARYNGIOMA, complications/  
GAUCHER'S DISEASE, complications/  
GLIOMA, complications/  
HEMANGIOENDOTHELIOMA, complications/  
HUMAN/ HYDROCEPHALUS, complications/  
INFANT/ INFANT, NEWBORN/ LEUKEMIA,  
complications/ LYMPHOSARCOMA,  
complications/ MENINGIOMA, complications/  
NEOPLASM METASTASIS/  
NEUROBLASTOMA, complications/ OTITIS  
MEDIA, complications/ PAPILLEDEMA,  
complications/ \*PARALYSIS/ PARALYSIS,  
diagnosis/ PARALYSIS, etiology/  
PERIPHERAL NERVE NEOPLASMS,  
complications/ PERIPHERAL NERVE  
NEOPLASMS, diagnosis/ PINEALOMA,  
complications/ PROGNOSIS/ PSEUDOTUMOR  
CEREBRI, complications/  
RHABDOMYOSARCOMA, complications/  
TRIGEMINAL NERVE
5410. Robertson JH: Uracil mustard in the treatment of  
thrombocythemia. Blood 35:288-97, Mar 70  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
BONE MARROW EXAMINATION/ BUSULFAN,  
therapeutic use/ CORONARY DISEASE,  
complications/ ELECTROCARDIOGRAPHY/  
ERGOTAMINE, therapeutic use/ LEUKEMIA,  
MYELOCYTIC, complications/  
MEGAKARYOCYTES/ MIGRAINE,



# AUTHOR SECTION

- complications/ PHOSPHORUS ISOTOPES, therapeutic use/ POLYCYTHEMIA VERA, complications/ THROMBOCYTOSIS, complications/ \*THROMBOCYTOSIS, drug therapy/ THROMBOCYTOSIS, radiotherapy/ \*URACIL MUSTARD, therapeutic use
5411. Robinson AJ, Kropatkin M, Aggeler PM: Hageman factor (factor XII) deficiency in marine mammals. Science 166:1420-2, 12 Dec 69  
BLOOD COAGULATION TESTS/ \*CETACEA/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ \*FACTOR XII, analysis/ PROTHROMBIN TIME
5412. Robinson DS, Sylwester D: Interaction of commonly prescribed drugs and warfarin. Ann Intern Med 72:853-6, Jun 70  
ADULT/ \*AMOBARBITAL, pharmacodynamics/ \*CHLORDIAZEPOXIDE, pharmacodynamics/ \*CHLOROTHIAZIDE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ \*SECOBARBITAL, pharmacodynamics/ WARFARIN, antagonists & inhibitors/ WARFARIN, blood/ \*WARFARIN, pharmacodynamics
5413. Robinson GW: Reaction of a specific tryptophan residue in streptococcal proteinase with 2-hydroxy-5-nitrobenzyl bromide. J Biol Chem 245:4832-41, 25 Sep 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINOPEPTIDASES/ AMMONIUM COMPOUNDS/ BICARBONATES/ BINDING SITES/ BROMINE/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ ENZYME PRECURSORS/ GEL FILTRATION/ \*NITROBENZENES/ PAPAINE/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ STREPTOCOCCUS, enzymology/ TRYPSIN/ \*TRYPTOPHAN/ X-RAY DIFFRACTION
5414. Robinson WA, Pike BL: Leukopoietic activity in human urine. The granulocytic leukemias. New Eng J Med 282:1291-7, 4 Jun 70  
ADULT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CHILD/ FEMALE/ \*HEMATOPOIESIS/ HUMAN/ IN VITRO/ LEUKEMIA, LYMPHOBLASTIC, urine/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, therapy/ \*LEUKEMIA, MYELOBLASTIC, urine/ \*LEUKEMIA, MYELOCYTIC, urine/ LEUKOCYTE COUNT/ \*LEUKOCYTES/ MALE/ MERCAPTOPYRINE, therapeutic use/ MIDDLE AGE
5415. Robison GA, Sutherland EW: Sympathin E, sympathin I, and the intracellular level of cyclic AMP. Circ Res 27:Suppl 1:147+, Jul 70 (92 ref.)  
ADENOSINE CYCLIC 3',5'-PHOSPHATE, blood/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADIPOSE TISSUE, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ BRAIN, metabolism/ CATECHOLAMINES, physiology/ CORTICOTROPIN, physiology/ ERYTHROCYTES, metabolism/ GLUCAGON, physiology/ HUMAN/ IN VITRO/ KIDNEY, metabolism/ LH, physiology/ LIVER, metabolism/ MUSCLE, SMOOTH, metabolism/ MYOCARDIUM, metabolism/ OVARY, metabolism/ PARATHYROID HORMONE, physiology/ PRONETHALOL, physiology/ PROSTAGLANDINS, physiology/ RABBITS/ RATS/ REVIEW/ TESTIS, metabolism/ THYROID GLAND, metabolism/ VASOPRESSIN, physiology
5416. Robson JS: Advances in the treatment of renal disease. Practitioner 203:483-93, Oct 69 (56 ref.)  
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ ANTI-INFECTION AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DIET THERAPY/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ HEMODIALYSIS/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, transplantation/ KIDNEY DISEASES, prevention & control/ \*KIDNEY DISEASES, therapy/ KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, therapy/ MALE/ PERITONEAL DIALYSIS/ PREGNANCY/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS/ URINARY TRACT INFECTIONS, drug therapy
5417. Rochmis PG: Splenic anglioma with thrombocytopenia. New York J Med 70:2133-6, 15 Aug 70  
AGED/ ANEMIA, HYPOCHROMIC, complications/ \*ANGIOMATOSIS, complications/ CASE REPORT/ HUMAN/ MALE/ SPLENECTOMY/ \*SPLENIC NEOPLASMS, complications/ THROMBOCYTOSIS, complications
5418. Rocklin RE, Meyers OL, David JR: An in vitro assay for cellular hypersensitivity in man. J Immun 104:95-102, Jan 70  
ANIMAL EXPERIMENTS/ ANTIGENS/ ASCITIC FLUID, immunology/ CANDIDA, immunology/ CELL MOVEMENT/ DNA, biosynthesis/ GUINEA PIGS/ HUMAN/ \*HYPERSENSITIVITY, DELAYED, diagnosis/ \*HYPERSENSITIVITY, DELAYED, immunology/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM/ TUBERCULIN
5419. Rocklin RE, Rosen FS, David JR: In vitro lymphocyte response of patients with immunologic deficiency diseases. New Eng J Med 282:1340-3, 11 Jun 70  
AGAMMAGLOBULINEMIA, familial & genetic/ AGAMMAGLOBULINEMIA, immunology/ ANIMAL EXPERIMENTS/ ANTIGENS/ CANDIDA, immunology/ CELL MOVEMENT/ CHILD/ GUINEA PIGS/ HUMAN/ \*HYPERSENSITIVITY, DELAYED/ IMMUNOGLOBULINS, analysis/ \*IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ IN VITRO/ LYMPHOCYTE TRANSFORMATION/ \*LYMPHOCYTES, immunology/ \*MACROPHAGES, immunology/ MALE/ SEX CHROMOSOMES/ SKIN TESTS/ STREPTOKINASE/ THYMUS GLAND, abnormalities/ THYMUS GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS
5420. Rodbard D, Chrambach A: Unified theory for gel electrophoresis and gel filtration. Proc Nat Acad Sci USA 65:970-7, Apr 70  
CHYMOTRYPSIN, analysis/ CYCLIC S-OXIDES/ CYTOCHROMES, analysis/ \*ELECTROPHORESIS/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ \*GEL FILTRATION/ GELS/ HEMOGLOBIN, analysis/ MACROMOLECULAR SYSTEMS, analysis/ \*MODELS, CHEMICAL/ MURAMIDASE, analysis/ MYOGLOBIN, analysis/ OVALBUMIN, analysis/ PEP SIN, analysis/ PHENOLS/ RIBONUCLEASE, analysis/ SERUM ALBUMIN, BOVINE, analysis/ THYROGLOBULIN, analysis
5421. Rodbard S, Takacs L: Coronary conductance. Cardiologia (Basel) 53:219-41, 1968  
ANIMAL EXPERIMENTS/ \*BLOOD FLOW VELOCITY/ \*BLOOD PRESSURE/ BLOOD PROTEINS, metabolism/ BLOOD VISCOSITY/ \*CORONARY VESSELS, physiology/ DOGS/ HEART, physiology/ METHODS/ PERFUSION/ RHEOLOGY/ VASCULAR RESISTANCE/ VENOUS PRESSURE
5422. Rodbell M, Birnbaumer L, Pohl SL: Adenyl cyclase in fat cells. 3. Stimulation by secretin and the effects of trypsin on the receptors for lipolytic hormones. J Biol Chem 245:718-22, 25 Feb 70  
ACETIC ACIDS, pharmacodynamics/ \*ADENINE NUCLEOTIDES/ ADENYL CYCLASE/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ \*ADIPOSE TISSUE, enzymology/ ANIMAL



## AUTHOR SECTION

- EXPERIMENTS/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CHELATING AGENTS, pharmacodynamics/ CORTICOTROPIN, antagonists & inhibitors/ CORTICOTROPIN, pharmacodynamics/ DRUG SYNERGISM/ ENZYME ACTIVATION/ \*ENZYMES/ EPINEPHRINE, antagonists & inhibitors/ ETHERS, pharmacodynamics/ FEMALE/ FLUORIDES, antagonists & inhibitors/ GLUCAGON, pharmacodynamics/ IMIDES, pharmacodynamics/ IN VITRO/ LIPIDS, metabolism/ LIVER, cytology/ LIVER, enzymology/ PROTEINS, metabolism/ RATS/ RECEPTORS, DRUG, drug effects/ \*SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ SYMPATHOMIMETICS, pharmacodynamics/ \*TRYPSIN
5423. Rodermund OE: Zur Verteilung von Plasmaproteinen in Blut und Haut.  
Arch Klin Exp Derm 237:684-9, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BETA GLOBULIN, analysis/ \*BLOOD PROTEINS, analysis/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, 7S, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, analysis/ MALE/ MIDDLE AGE/ RATS/ SKIN, analysis/ TRYPSIN, antagonists & inhibitors
5424. Rodgers BM, Staroscik RN, Reis RL: Amniotic fluid embolism: effects on myocardial contractility and systemic and pulmonary vascular resistance.  
Surg Forum 20:203-5, 1969  
ANIMAL EXPERIMENTS/ ELASTICITY/ \*EMBOLISM, AMNIOTIC FLUID, physiopathology/ EXTRACORPOREAL CIRCULATION/ \*HEART, physiopathology/ INFUSIONS, PARENTERAL/ \*PULMONARY CIRCULATION/ SHEEP/ \*VASCULAR RESISTANCE
5425. Rodriguez JM, Stevenson TD: Chronic intravascular coagulation and microangiopathic hemolytic anemia in a patient with carcinoma of the lung.  
Ohio Med J 65:1010-6, Oct 69  
ADULT/ \*ANEMIA, HEMOLYTIC, etiology/ AUTOPSY/ BLOOD COAGULATION DISORDERS, diagnosis/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, etiology/ CASE REPORT/ FEMALE/ HUMAN/ \*LUNG NEOPLASMS, complications/ MICROSCOPY, ELECTRON
5426. Rodriguez-Erdmann F: Production of the Sanarelli-Schwartzman phenomenon by platelet-factor 3. Thromb Diath Haemorrh 36:Suppl 36:63-5, 1969  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD COAGULATION FACTORS, pharmacodynamics/ BLOOD PLATELETS/ FACTOR V, analysis/ FIBRINOGEN, analysis/ KIDNEY GLOMERULUS, pathology/ \*LIPOPROTEINS, pharmacodynamics/ PROTHROMBIN, analysis/ RABBITS/ \*SHWARTZMAN PHENOMENON, etiology
5427. Rodriguez-Erdmann F, Guttman RD: Coagulation in renal-allograft rejection.  
New Eng J Med 281:1428, 18 Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ \*HISTOCOMPATIBILITY/ \*KIDNEY, transplantation/ TRANSPLANTATION, HOMOLOGOUS
5428. Roe CR, Kaplan NO: Purification and substrate specificities of bacterial hydroxysteroid dehydrogenases.  
Biochemistry (Wash) 8:5093-103, Dec 69  
ACRYLATES/ AGAR/ AMMONIUM COMPOUNDS/ ANDROSTANES/ \*BACTERIA, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK, instrumentation/ ESTRADIOL/ GEL FILTRATION/ GELS/ 17-HYDROXYCORTICOSTEROIDS/ \*HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, isolation & purification/ 17-KETOSTEROIDS/ METHODS/ MUTATION/ PRECIPITATION/ PREGNANES/ PROTAMINES/ SPECIES SPECIFICITY/ STANOLONE/ STEREOISOMERS/ STEROIDS, analysis/ TESTOSTERONE
5429. Roelcke D, Uhlenbruck G: Proteinase K: Eine neue, serologisch anwendbare Pilz-Protease.  
Z Med Mikrobiol Immun 155:156-70, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*ANTIBODIES, analysis/ BROMELAINS, pharmacodynamics/ COOMBS' TEST/ ERYTHROCYTES, immunology/ \*FUNGI, enzymology/ GLYCOPROTEINS, metabolism/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ INFECTIOUS MONONUCLEOSIS, diagnosis/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ NEURAMINIC ACIDS, metabolism/ PAPAINE, pharmacodynamics/ \*PEPTIDE HYDROLASES, isolation & purification/ SERODIAGNOSIS/ SHEEP
5430. Rogner G, Maak B, Frenzel J: Änderungen des Blut- und Plasmavolumens bei unreifen Neugeborenen nach Gaben von Plasma und Plasmakonzentraten.  
Folia Haemat (Leipzig) 92:215-26, 1969 (Ger)  
BLOOD COAGULATION FACTORS, analysis/ BLOOD PROTEINS, analysis/ \*BLOOD TRANSFUSION/ \*BLOOD VOLUME/ ENGLISH ABSTRACT/ HEMATOCRIT/ HEMODYNAMICS/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HUMAN/ INFANT, NEWBORN/ \*INFANT, PREMATURE/ INFANT, PREMATURE, DISEASES, prevention & control/ INFANT, PREMATURE, DISEASES, therapy/ \*PLASMA/ PLASMA, analysis/ PREGNANCY
5431. Rogner G, Maak B: Die Wirkung von Schlangentoxin (Haemarcin) auf die Thrombozytenfunktion.  
Folia Haemat (Leipzig) 92:536-45, 1969 (Ger)  
BLOOD CELL COUNT/ \*BLOOD PLATELETS, drug effects/ CHILD/ HUMAN/ IN VITRO/ OPTICAL ROTATORY DISPERSION/ PLATELET ADHESIVENESS, drug effects/ SNAKES/ THROMBELASTOGRAPHY/ \*VENOMS, pharmacodynamics
5432. Rognon LM, Simard C, Riberl P: Hématomes périrénaux dus à une angiomylomatose au cours d'une forme viscérale d'une sclérose tubéreuse de Bourneville.  
Mem Acad Chir (Paris) 95:499-504, 1969 (Fre)  
ADULT/ FEMALE/ \*HEMATOMA, etiology/ HUMAN/ \*KIDNEY DISEASES, etiology/ \*LIPOMATOSIS, complications/ \*TUBEROUS SCLEROSIS, complications
5433. Rogoff MH, Yousten AA: Bacillus thuringiensis: microbiological considerations.  
Ann Rev Microbiol 23:357-86, 1969 (252 ref.)  
BACILLUS, analysis/ BACILLUS, classification/ \*BACILLUS, metabolism/ BACTERIAL PROTEINS, analysis/ CHEMISTRY/ CHYMOTRYPSIN, analysis/ CRYSTALLIZATION/ GENETICS, MICROBIAL/ MANNOSE, analysis/ MOLECULAR WEIGHT/ NUCLEIC ACIDS, analysis/ PEPTIDES, analysis/ REVIEW/ STARCH, analysis/ SUCROSE, analysis/ TOXINS, analysis/ TRYPSIN, analysis
5434. Roholt OA, Seon BK, Pressman D: Antibodies of limited heterogeneity: L chains of a single mobility.  
Immunochemistry 7:329-40, Apr 70  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*ANTIBODIES, analysis/ AZO COMPOUNDS/ BENZOATES/ ELECTROPHORESIS, DISK/ \*HAPTENS/ IMMUNOCHEMISTRY/ PEPTIDES, analysis/ RABBITS/ TRYPSIN
5435. Roigas H, Strauss D, Raderecht HJ, et al: Verbesserte Blutkonservierung durch Zusätze von Adenin und Guanin. Z Ges Inn Med 24:850-6, 1 Dec 69 (Ger)



# AUTHOR SECTION

- \*ADENINE/ ADENOSINE TRIPHOSPHATE/  
BLOOD DONORS/ \*BLOOD PRESERVATION/  
BLOOD TRANSFUSION/ CITRATES/ ENGLISH  
ABSTRACT/ ERYTHROCYTE AGING/  
ERYTHROCYTES, analysis/ HUMAN/  
\*NUCLEOSIDES/ TIME FACTORS
5436. Roigas H, Strauss D, Raderecht HJ, et al: Über die  
Verwendung von Plastebeuteln zur  
Blutkonservierung--ein Vergleich zwischen  
Glasflaschen und Plastebeuteln.  
Z Ges Inn Med 24:844-50, 1 Dec 69 (Ger)  
ADENOSINE TRIPHOSPHATE, blood/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION/  
CITRATES/ COMPARATIVE STUDY/  
ENGLISH ABSTRACT/ \*GLASS/  
HEMOGLOBINOMETRY/ HUMAN/ OSMOSIS/  
\*PLASTICS/ POTASSIUM, blood
5437. Rojas RB, Mello RP de, Pio MT, et al: Determinação do  
volume de plaquetas em camundongos normais.  
Hospital (Rio) 75:2115-7, Jun 69 (Por)  
ANIMAL EXPERIMENTS/ \*BLOOD CELL  
COUNT/ \*BLOOD PLATELETS/ ENGLISH  
ABSTRACT/ MICE/ PLASMA VOLUME
5438. Rojas-Corona RR, Skarnes R, Tamakuma S, et al: The  
Limulus coagulation test for endotoxin. A comparison  
with other assay methods.  
Proc Soc Exp Biol Med 132:599-601, Nov 69  
ANIMAL EXPERIMENTS/ BACTERIA/  
\*BLOOD COAGULATION TESTS/  
\*CRUSTACEA/ \*ENDOTOXINS, analysis/  
IMMUNOASSAY/ METHODS
5439. Rokicka-Milewska R: Leczenie kwasem  
epsilonaminokapronowym (EACA) nadmiernych  
krwawień miesiadczkowych u dziewcząt z przewlekłą  
małopłytkowością. Pediat Pol 45:323-7, Mar 70 (Pol)  
ADOLESCENCE/ \*AMINOCAPROIC ACID,  
therapeutic use/ CHILD/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
LEUKEMIA, complications/ MENSTRUATION  
DISORDERS, complications/ \*MENSTRUATION  
DISORDERS, drug therapy/ \*THROMBOPENIA,  
complications
5440. Roland M: Spiral Teflon stent for tuboplasty involving  
fimbria. Obstet Gynec 36:359-62, Sep 70  
ADHESIONS, prevention & control/  
\*FALLOPIAN TUBES, surgery/ FEMALE/  
\*FLUOROCARBON POLYMERS/ HUMAN/  
\*INTUBATION, instrumentation/  
LAPAROTOMY/ METHODS/ OVULATION/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control
5441. Rolland M, Aquaron R, Lissitzky S: Thyroglobulin  
iodoamino acids estimation after digestion with  
pronase and leucylaminopeptidase.  
Anal Biochem 33:307-17, Feb 70  
\*AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ ARSENIC/ CATTLE/  
CERIUM/ CHROMATOGRAPHY, ION  
EXCHANGE/ DOGS/ HORSES/ HUMAN/  
IODINE, analysis/ IODINE ISOTOPES/  
IODOPROTEINS, analysis/ \*LEUCINE  
AMINOPEPTIDASE/ METHODS/ \*PEPTIDE  
HYDROLASES/ RATS/ SHEEP/ SPECIES  
SPECIFICITY/ \*THYROGLOBULIN, analysis/  
TIME FACTORS
5442. Rolović Z: Factor XIII (fibrin-stabilizing factor) and  
platelets. I. Study of the association of factor XIII  
with blood platelets. Acta Med Jugosl 22:113-23, 1968  
\*BLOOD PLATELETS, analysis/ \*FACTOR  
XIII, analysis/ HUMAN
5443. Rolovic Z, Baldini M, Dameshek W:  
Megakaryocytopoiesis in experimentally induced  
immune thrombocytopenia. Blood 35:173-88, Feb 70  
ANIMAL EXPERIMENTS/ ANTIGENS/  
\*BLOOD PLATELETS, immunology/ BONE  
MARROW EXAMINATION/ \*HEMATOPOIESIS/  
IMMUNE SERUMS/ \*MEGAKARYOCYTES/  
MEGAKARYOCYTES, growth & development/  
MEGAKARYOCYTES, immunology/  
RADIOAUTOGRAHY/ RATS/  
THROMBOPENIA, blood/ \*THROMBOPENIA,
- immunology/ THYMIDINE, metabolism/  
TRITUM
5444. Rolović Z, Stajić M: Ispitivanje trombocitokinetike u  
bolesnika s hroničnom mijeloidnom leukozom.  
Acta Med Jugosl 23:75-9, 1969 (Cro)  
ADULT/ \*BLOOD PLATELETS/ CHROMIUM  
ISOTOPES/ COMPARATIVE STUDY/  
ENGLISH ABSTRACT/ HUMAN/ \*KINETICS/  
\*LEUKEMIA, MYELOCYTIC, blood/ MALE/  
MIDDLE AGE/ \*THROMBOCYTOSIS, blood
5445. Romaniuk PA: Zur Struktur des Nierenbeckenangioms  
im Renovasogramm. Beitrag zum Problem der  
einsseitigen Nierenblutung.  
Fortschr Roentgenstr 110:457-62, Apr 69 (Ger)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
HEMANGIOMA, pathology/ \*HEMANGIOMA,  
radiography/ HEMATURIA, etiology/ HUMAN/  
KIDNEY NEOPLASMS, pathology/ \*KIDNEY  
NEOPLASMS, radiography/ \*KIDNEY PELVIS,  
radiography/ \*RENAL ARTERY, radiography
5446. Romaşcanu G, Stefanlu A, Botescu M, et al: Accidente  
anafilaictice la alfa-chemotripsină.  
Otorinolaringologie (Bucur) 15:111-6, Mar-Apr 70  
(Rum)  
ADULT/ \*ANAPHYLAXIS, chemically induced/  
\*CHYMOTRYPSIN, adverse effects/ \*DRUG  
HYPERSENSITIVITY/ ENGLISH ABSTRACT/  
HUMAN/ IMMUNE SERUMS, adverse effects/  
MALE/ MIDDLE AGE/ PROCAINE, adverse  
effects/ \*RESPIRATORY HYPERSENSITIVITY,  
drug therapy
5447. Rometti A: Prévention des thrombo-phlébites de  
l'adénomectomie.  
Ann Urol (Paris) 3:157-9, Sep 69 (Fre)  
AGED/ ANESTHESIA/ ANTICOAGULANTS,  
therapeutic use/ ENGLISH ABSTRACT/  
FEMALE/ HEART DISEASES, complications/  
HUMAN/ MALE/ MIDDLE AGE/  
POSTOPERATIVE CARE/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
PROSTATECTOMY/ \*PROSTATIC  
HYPERTROPHY, surgery/  
\*THROMBOPELEBITIS, prevention & control
5448. Rometti A: Reflux vésico-rénal unilatéral par  
hématome périvésical secondaire à une fracture du  
bassin. J Urol Nephrol (Paris) 76:286-8, Mar 70 (Fre)  
ADOLESCENCE/ CASE REPORT/  
FRACTURES, complications/ \*HEMATOMA,  
complications/ HUMAN/ MALE/ PELVIC  
BONES, injuries/ URETER, injuries/  
\*VESICO-URETERAL REFLUX, etiology
5449. Romito S, Falchi A: Artrite reumatoide e la  
determinazioni di alcuni anticorpi antistreptococcl.  
Fracastoro 62:626-9, Nov-Dec 69 (Ita)  
ADULT/ \*ANTIBODIES, analysis/  
\*ANTISTREPTOLYSIN, analysis/ \*ARTHRITIS,  
RHEUMATOID, immunology/  
\*DEOXYRIBONUCLEASE, antagonists &  
inhibitors/ ENGLISH ABSTRACT/ HUMAN/  
MIDDLE AGE/ \*STREPTOCOCCUS/  
\*STREPTOKINASE, antagonists & inhibitors
5450. Romo E, Velasco A, Vázquez de Prada J: Efectos del  
tromexano sobre la respiración y consumo de glucosa  
celular. Rev Esp Fisiol 25:175-80, Sep 69 (Spa)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ \*ETHYL BISCOMACETATE,  
pharmacodynamics/ \*GLUCOSE,  
pharmacodynamics/ \*OXYGEN CONSUMPTION,  
drug effects/ RATS/ \*RESPIRATION, drug  
effects
5451. Rooney JA: Hemolysis near an ultrasonically pulsating  
gas bubble. Science 169:869-71, 28 Aug 70  
BLOOD VISCOSITY/ \*GASES/ \*HEMOLYSIS/  
SPECTROPHOTOMETRY/ \*ULTRASONICS
5452. Rosa de Araujo A, Pereira Leite L: Trastornos  
hemostáticos agudos en obstetrica.  
Rev Clin Esp 113:481-90, 30 Jun 69 (87 ref.) (Spa)  
ACUTE DISEASE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION FACTORS/ FEMALE/  
HEMOSTASIS/ HUMAN/ LABOR



## AUTHOR SECTION

- COMPLICATIONS, etiology/ METHODS/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC,  
complications/ PREGNANCY COMPLICATIONS,  
HEMATOLOGIC, diagnosis/ REVIEW
5453. Rosati LA, Barnes B, Oberman HA, et al: Hemolytic anemia due to anti-A in concentrated antihemophilic factor preparations.  
Transfusion 10:139-41, May-Jun 70  
ADULT/ AMPUTATION/ \*ANEMIA,  
HEMOLYTIC, ACQUIRED, etiology/ BLOOD  
TRANSFUSION/ COOMBS' TEST/  
ERYTHROCYTES, immunology/ \*FACTOR VIII,  
adverse effects/ HEMOPHILIA, therapy/  
HUMAN/ \*IMMUNITY, PASSIVE/  
ISOANTIBODIES/ LEG, surgery/ MALE/  
OSMOTIC FRAGILITY/ PASSIVE TRANSFER
5454. Roscher AA: Cancer and thrombohemorrhagic disease.  
Int Surg 52:326-8, Oct 69  
\*AFIBRINOGENEMIA, etiology/ BLOOD  
COAGULATION TESTS/ \*HEMORRHAGIC  
DIATHESIS, etiology/ HUMAN/ NEOPLASMS,  
blood/ \*NEOPLASMS, complications/  
\*THROMBOSIS, etiology
5455. Röschlau P, Zahn H: Zur Struktur der dimeren Insulin-B-Kette in der Disulfidform.  
Hoppe Seyler Z Physiol Chem 350:1362-6, Nov 69 (Ger)  
CATTLE/ CHYMOTRYPSIN/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
FORMATES/ GEL FILTRATION/ \*INSULIN,  
analysis/ \*PEPTIDES, analysis/ \*SULFIDES
5456. Roschlau WH, Miller SL: New assay of fibrinolytic activity as a continuous rate reaction.  
Canad J Physiol Pharmacol 48:61-8, Jan 70  
ANIMAL EXPERIMENTS/ CATTLE/  
CHYMOTRYPSIN, pharmacodynamics/  
\*DENSITOMETRY/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS, pharmacodynamics/  
METHODS/ STREPTODORNASE AND  
STREPTOKINASE, pharmacodynamics/  
STREPTOKINASE, pharmacodynamics/ TIME  
FACTORS/ TRYPSIN, pharmacodynamics
5457. Roscoe HG, Riccardi BA: Phospholipid changes in the eye and aorta of cholesterol-fed rabbits.  
J Atheroscler Res 10:123-30, Jul-Aug 69  
ANIMAL EXPERIMENTS/ \*AORTA,  
metabolism/ \*ARTERIOSCLEROSIS/  
CEPHALINS, analysis/ \*CHOLESTEROL/  
CHOLESTEROL, analysis/  
CHROMATOGRAPHY, THIN LAYER/  
\*CORNEA, metabolism/ DIET, ATHEROGENIC/  
\*DIETARY FATS/ \*IRIS, metabolism/  
LECITHINS, analysis/ LYSOLECITHIN,  
analysis/ MALE/ \*PHOSPHOLIPIDS, analysis/  
RABBITS/ SPHINGOMYELINS, analysis
5458. Rosdy E, Biró J, Szabó V: Änderungen im Blutgerinnungssystem im Laufe von Nierenoperationen.  
Acta Chir Acad Sci Hung 10:359-66, 1969 (Ger)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ EMBOLISM,  
prevention & control/ FACTOR VII/  
FEMALE/ FIBRINOGEN/ FIBRINOLYSIS/  
GAMMA GLOBULIN/ HUMAN/ \*KIDNEY  
DISEASES, surgery/ MALE/ NEPHRECTOMY/  
PROTHROMBIN/ PROTHROMBIN TIME/  
SERUM GLOBULINS/ THROMBOEMBOLISM,  
prevention & control/ THROMBOSIS,  
prevention & control
5459. Rosen RA, Dalinka MK, Gralino BJ Jr, et al: The roentgenographic findings in alpha-1 antitrypsin deficiency (AAD). Radiology 95:25-8, Apr 70  
ADULT/ BRONCHITIS, enzymology/  
BRONCHITIS, etiology/ CHRONIC DISEASE/  
HUMAN/ MALE/ \*METABOLISM, INBORN  
ERRORS, radiography/ PULMONARY  
EMPHYSEMA, enzymology/ \*PULMONARY  
EMPHYSEMA, etiology/ PULMONARY  
EMPHYSEMA, radiography/ \*TRYPSIN  
INHIBITORS
5460. Rosen SM, Robinson PJ, Allison CJ, et al: Microangiopathic haemolytic anaemia.  
Brit Med J 3:465, 22 Aug 70  
\*ANEMIA, HEMOLYTIC, drug therapy/  
BLOOD TRANSFUSION/ CHILD/ FEMALE/  
FIBRINOLYSIS, drug effects/ \*FIBRINOLYTIC  
AGENTS, therapeutic use/ \*HEPARIN,  
therapeutic use/ HUMAN/ PERITONEAL  
DIALYSIS
5461. Rosenbaum AE, Rossi P, Schechter MM, et al: Angiography of haemangiomas of the calvarium.  
Brit J Radiol 42:682-7, Sep 69  
ADULT/ CAROTID ARTERIES/ \*CEREBRAL  
ANGIOGRAPHY/ CEREBROVASCULAR  
CIRCULATION/ HEAD INJURIES,  
complications/ HEMANGIOMA, etiology/  
\*HEMANGIOMA, radiography/ HEMANGIOMA,  
CAVERNOUS, radiography/ HUMAN/ MALE/  
MIDDLE AGE/ \*SKULL NEOPLASMS,  
radiography
5462. Rosenberg A, Enberg J: Studies of hydrogen exchange in proteins. II. The reversible thermal unfolding of chymotrypsinogen A as studied by exchange kinetics.  
J Biol Chem 244:6153-9, 25 Nov 69  
\*CHYMOTRYPSIN/ ENERGY TRANSFER/  
\*ENZYME PRECURSORS/ \*HEAT/  
\*HYDROGEN/ HYDROGEN-ION  
CONCENTRATION/ \*KINETICS
5463. Rosenberg A, Woodward CK: Studies of hydrogen exchange in proteins. 3. The effects of the chymotrypsinogen-alpha chymotrypsin conversion on hydrogen exchange kinetics.  
J Biol Chem 245:4677-83, 25 Sep 70  
CHEMISTRY/ \*CHYMOTRYPSIN/ ENZYME  
ACTIVATION/ \*ENZYME PRECURSORS/  
HEAT/ \*HYDROGEN/ KINETICS/ PEPTIDES/  
PROTEIN DENATURATION/ TRITIUM/  
TRYPSIN
5464. Rosenberg N, Lord GH, Henderson J, et al: Collagen arterial graft of bovine origin: seven-year observations in the dog. Surgery 67:951-6, Jun 70  
ANIMAL EXPERIMENTS/ AORTA,  
THORACIC, pathology/ \*AORTA, THORACIC,  
surgery/ \*ARTERIES, transplantation/  
AUTOPSY/ CAROTID ARTERIES/  
\*COLLAGEN/ DOGS/ PEPTIDE  
PEPTIDOHYDROLASES/ STARCH/ TANNING/  
TRANSPLANTATION, HETEROLOGOUS
5465. Rosenblatt HJ, Eisenstein R, Holmes AW: The liver in sickle cell anemia. A clinical-pathologic study.  
Arch Path (Chicago) 90:235-45, Sep 70  
ALKALINE PHOSPHATASE, blood/ ANEMIA,  
SICKLE CELL, diagnosis/ \*ANEMIA, SICKLE  
CELL, pathology/ ANEMIA, SICKLE CELL,  
physiopathology/ ASPARTATE  
AMINOTRANSFERASE, blood/ BILIRUBIN,  
blood/ BIOPSY/ BLOOD PROTEINS, analysis/  
BONE MARROW EXAMINATION/ DIAGNOSIS,  
DIFFERENTIAL/ ERYTHROCYTES/  
HEPATITIS, diagnosis/ HUMAN/ LEUCINE  
AMINOPEPTIDASE, blood/ \*LIVER, pathology/  
LIVER, physiopathology/ LIVER FUNCTION  
TESTS/ PROTHROMBIN TIME
5466. Rosenthal A, Nathan DG, Marty AT, et al: Acute hemodynamic effects of red cell volume reduction in polycythemia of cyanotic congenital heart disease.  
Circulation 42:297-308, Aug 70  
ADOLESCENCE/ ADULT/ ANOXEMIA/  
BLOOD VISCOSITY/ BLOOD VOLUME/  
CARDIAC OUTPUT/ CHILD, PRESCHOOL/  
CYANOSIS, blood/ FEMALE/ HEART  
CATHETERIZATION/ \*HEART DEFECTS,  
CONGENITAL, blood/ HEART DEFECTS,  
CONGENITAL, physiopathology/  
\*HEMATOCRIT/ \*HEMODYNAMICS/ HUMAN/  
MALE/ OXYGEN, blood/ OXYGEN  
CONSUMPTION/ \*POLYCYTHEMIA, blood/  
POLYCYTHEMIA, physiopathology/  
VASCULAR RESISTANCE
5467. Rosenthal SG, Song IC, Bromberg BE, et al: Chymotrypsin--effects on the water content and strength of healing wounds.  
Plast Reconstr Surg 46:287-93, Sep 70  
ANIMAL EXPERIMENTS/ BIOMECHANICS/  
\*CHYMOTRYPSIN, pharmacodynamics/



# AUTHOR SECTION

- CHYMOTRYPSIN, therapeutic use/ EDEMA, drug therapy/ RABBITS/ TIME FACTORS/ WATER, metabolism/ \*WOUND HEALING, drug effects/ WOUNDS AND INJURIES, metabolism/ WOUNDS AND INJURIES, physiopathology
5468. Rosenthale ME, Datko LJ, Kassari J, et al: Chemotherapy of experimental allergic encephalomyelitis (EAE). Arch Int Pharmacodyn 179:251-75, Jun 69  
ALLOPURINOL, therapeutic use/ AMINOCAPROIC ACID, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS, therapeutic use/ AZATHIOPRINE, therapeutic use/ BODY WEIGHT, drug effects/ CHLOROQUINE, therapeutic use/ COLCHICINE, therapeutic use/ CORTISONE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ CYPROHEPTADINE, therapeutic use/ DIAZOXIDE, therapeutic use/ DIMETHYL SULFOXIDE, therapeutic use/ ENCEPHALOMYELITIS, ALLERGIC, blood/ \*ENCEPHALOMYELITIS, ALLERGIC, drug therapy/ ENCEPHALOMYELITIS, ALLERGIC, immunology/ HYDROCORTISONE, therapeutic use/ \*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ MERCAPTOPYRINE, therapeutic use/ METHOTREXATE, therapeutic use/ METHYLDOPA, therapeutic use/ NIALAMIDE, therapeutic use/ OILS, therapeutic use/ ORGAN WEIGHT/ RATS/ STRYCHNINE, therapeutic use/ TALC, therapeutic use/ THALIDOMIDE, therapeutic use/ THIOPURINE, therapeutic use/ THIOMALATES, therapeutic use
5469. Rosenthal L, Greyson ND: Observations on the use of 99mTc albumin macroaggregates for detection of thrombophlebitis. Radiology 94:413-6, Feb 70  
ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ LEG, blood supply/ MIDDLE AGE/ \*RADIOISOTOPE SCANNING/ SERUM ALBUMIN, diagnostic use/ TECHNETIUM/ \*THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy
5470. Rosiek O, Wegrzynowicz Z, Sawicki Z, et al: Fibrinogensynthese in Blutplättchen. Folia Haemat (Leipzig) 92:553-7, 1969 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, metabolism/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ CATTLE/ CHLORAMPHENICOL, pharmacodynamics/ \*FIBRINOGEN, biosynthesis/ GELS/ LEUCINE, metabolism/ PUROMYCIN, pharmacodynamics/ STARCH/ STREPTOMYCIN, pharmacodynamics/ SURFACE-ACTIVE AGENTS
5471. Rosing DR, Brakman P, Redwood DR, et al: Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise. Circ Res 27:171-84, Aug 70  
ADULT/ ARTERIES/ \*CIRCADIAN RHYTHM/ \*EXERCISE/ FASTING/ FEMALE/ FIBRIN/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ FOOD/ HUMAN/ MALE/ OXYGEN CONSUMPTION/ PLASMINOGEN, analysis/ REST/ TIME FACTORS/ VEINS
5472. Roskam J: Bleeding time and surgical blood losses in nonhemorrhagic people. Thromb Diath Haemorrh 22:391-5, 15 Nov 69  
\*ADRENOCORTICOID/ ADRENOCORTICOID, adverse effects/ \*HEMORRHAGE, prevention & control/ \*HEMOSTASIS/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTATECTOMY/ \*SURGERY, OPERATIVE/ VENOMS, therapeutic use
5473. Rosner F, Dobbs JV, Ritz ND, et al: Disturbances of hemostasis in acute myeloblastic leukemia. Acta Haemat (Basel) 43:65-72, 1970  
BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CLOT RETRACTION/ FIBRINOLYSIS/ \*HEMOSTASIS/ HUMAN/ \*LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, complications/ THROMBOSIS, etiology
5474. Rosner F, Levine ME, Gabriel FD: Leukemoid reactions with extreme thrombocytosis. New York J Med 70:1314-8, 1 Jun 70  
ADULT/ AGED/ \*CHOLELITHIASIS, complications/ FEMALE/ \*HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ \*JAUNDICE, OBSTRUCTIVE, complications/ \*LEUKEMOID REACTION, etiology/ MALE/ MIDDLE AGE/ \*NEOPLASM METASTASIS, complications/ \*OVARIAN NEOPLASMS, complications/ \*THROMBOCYTOSIS, etiology
5475. Rosner R: Comparison of a blood culture system containing liquid and sucrose with systems containing either reagent alone. Appl Microbiol 19:281-2, Feb 70  
ANTICOAGULANTS, diagnostic use/ \*BLOOD, microbiology/ \*CULTURE MEDIA/ OSMOTIC PRESSURE/ SUCROSE, diagnostic use/ \*SULFONIC ACIDS, diagnostic use
5476. Ross AP: The effect of heparin in experimental fat embolism. Surgery 66:765-7, Oct 69  
ANIMAL EXPERIMENTS/ \*EMBOLISM, FAT/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, metabolism/ EMBOLISM, FAT, mortality/ FATTY ACIDS, NONESTERIFIED, analysis/ \*HEPARIN, pharmacodynamics/ LUNG, analysis/ RATS
5477. Ross JD, Muller-Eberhard U, Carroll LA: Pharmacologic induction of serum hemopexin by 3-methylcolanthrene and allylsopropylacetamide. J Lab Clin Med 75:694-702, Apr 70  
\*AMIDES, administration & dosage/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION FACTORS, biosynthesis/ ENZYME INDUCTION/ ETHIONINE, pharmacodynamics/ HEME, biosynthesis/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ \*METHYLCHOLANTHRENE, administration & dosage/ MICROSOLES/ RABBITS/ TRANSFERRIN, metabolism
5478. Rossi A, Argenziano G: Il fattore XIII (fibrin stabilizing factor) in varie affezioni dermatologiche (screening test) G Ital Derm 45:198-201, Mar 70 (Ita)  
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ \*FACTOR XIII, analysis/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ \*SKIN DISEASES, blood
5479. Rossi GL, Bernhard SA: Are the structure and function of an enzyme the same in aqueous solution and in the wet crystal? J Molec Biol 49:85-91, 14 Apr 70  
\*CHYMOTRYPSIN/ \*CRYSTALLOGRAPHY/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES/ MOLECULAR BIOLOGY/ \*SOLUTIONS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS
5480. Rosti D: Il fattore XIII nel periodo neonatale. Boll Soc Ital Biol Sper 45:1220-2, 30 Sep 69 (Ita)  
\*BLOOD COAGULATION DISORDERS, etiology/ \*FACTOR XIII/ FEMALE/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ MALE
5481. Roth M, Weltzman AF, Piquilloud Y: Converting enzyme content of different tissues of the rat. Experientia 25:1247, 15 Dec 69  
ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ \*BRAIN, enzymology/ \*INTESTINE, SMALL, enzymology/ \*KIDNEY, enzymology/ \*LIVER, enzymology/ \*LUNG, enzymology/ MALE/ \*MUSCLES, enzymology/ \*MYOCARDIUM, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE



# AUTHOR SECTION

PEPTIDOHYDROLASES, blood/ RATS/  
\*STOMACH, enzymology

5482. Rothe G: Die Behandlung der Blutgerinnungsstörungen aus der Sicht der chirurgischen Stomatologie. Deutsch Stomat 19:529-33, Jul 69 (Ger)  
\*BLOOD COAGULATION DISORDERS, therapy/ ENGLISH ABSTRACT/  
\*HEMORRHAGE, ORAL, prevention & control/ HUMAN/ \*SURGERY, ORAL

5483. Rothe W, Pfleiderer G, Zwilling R: Zur Evolution der Endopeptidasen. XI. Eine Protease mit chymotryptischer Spezifität aus dem Magensaft von Sepia officinalis (Tintenfisch) Hoppe Seyler Z Physiol Chem 351:629-34, May 70 (Ger)  
ANIMAL EXPERIMENTS/ ARGININE/ BROMIDES/ CHROMATOGRAPHY, ION EXCHANGE/ \*CHYMOTRYPSIN/ ELECTROPHORESIS/ ESTERS/ \*GASTRIC JUICE, enzymology/ INSULIN/ MOLECULAR WEIGHT/ \*MOLLUSCA, metabolism/ NAPHTHALENEACETIC ACIDS/ \*PEPTIDE HYDROLASES, isolation & purification/ PEPTIDES/ PHENYLALANINE/ PHOSPHATES/ SODIUM CHLORIDE/ TYROSINE

5484. Rothermel JE, Raney RB Sr: The changing prognosis in hemophilic arthropathy. Southern Med J 62:1340-2, Nov 69  
\*FACTOR VIII, administration & dosage/ \*HEMARTHROSIS, surgery/ \*HEMOPHILIA, complications/ HUMAN/ PROGNOSIS

5485. Rothman SS: Subcellular distribution of trypsinogen and chymotrypsinogen in rabbit pancreas. Amer J Physiol 218:372-6, Feb 70  
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ \*CHYMOTRYPSIN, metabolism/ MALE/ MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ PANCREAS, drug effects/ \*PANCREAS, enzymology/ PANCREOZYMIN, pharmacodynamics/ PROTEINS, metabolism/ RABBITS/ \*TRYPSINOGEN, metabolism

5486. Rotta J: Biological activity of cellular components of group A streptococci in vivo. Curr Top Microbiol Immun 48:63-101, 1969  
ANTIGENS/ ANTI-INFECTION AGENTS/ BACTERIAL PROTEINS, analysis/ CELL WALL, analysis/ CELL WALL, immunology/ CYTOPLASM, analysis/ CYTOPLASM, enzymology/ ELECTROPHORESIS/ FEVER/ FEVER, etiology/ GLUCURONIDASE, analysis/ GLYCEROPHOSPHATES, analysis/ HEMOLYSINS, analysis/ LIPOPROTEIN LIPASE, analysis/ PEPTIDES, analysis/ POLYSACCHARIDES, BACTERIAL/ PRECIPITATION/ PROTOPLASTS, immunology/ SHWARTZMAN PHENOMENON, etiology/ STREPTOCOCCUS, cytology/ \*STREPTOCOCCUS, immunology

5487. Rotta J, Bednář B: Biologická aktivita mukopeptidu stěny buněčné hemolytického streptokoka. Cesk Epidem 18:265-77, Oct 69 (Cze)  
ANIMAL EXPERIMENTS/ \*CELL WALL, analysis/ ENDOTOXINS/ ESCHERICHIA COLI/ INJECTIONS, INTRAVENOUS/ \*PEPTIDES/ POLYSACCHARIDES/ PYROGENS/ RABBITS/ \*SHWARTZMAN PHENOMENON/ \*STREPTOCOCCUS, immunology

5488. Rotthauwe HW, Beseler WD, Kowalewski S: Benigne rekurrende intrahepatische Cholestase. Klin Wschr 47:140-9, 1 Feb 69 (Ger)  
\*BILE DUCTS, INTRAHEPATIC, physiopathology/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION TESTS/ CHILD/ CHOLESTASIS/ ENGLISH ABSTRACT/ ENZYMES, blood/ FEMALE/ HUMAN/ INFANT/ IODINE ISOTOPES, DIAGNOSTIC/ \*JAUNDICE, OBSTRUCTIVE/ JAUNDICE, OBSTRUCTIVE, diagnosis/ JAUNDICE, OBSTRUCTIVE, enzymology/ JAUNDICE, OBSTRUCTIVE, therapy/ LAPAROTOMY/ MALE/ PRURITUS, etiology

5489. Roucher F: L'hémostase des zones donneuses de greffes cutanées et de lambeaux autoplastiques. Presse Med 77:1953-4, 6 Dec 69 (Fre)

BLOOD COAGULATION/ \*ETHYLAMINES, administration & dosage/ HEMOSTASIS/ \*HEMOSTATICS, administration & dosage/ HUMAN/ \*SKIN, transplantation/ \*SULFONIC ACIDS, administration & dosage/ SURGERY, PLASTIC/ TRANSPLANTATION, AUTOLOGOUS

5490. Rougier J: Le traitement chirurgical des paralysies oculaires secondaires aux fractures de l'orbite. Ophthalmologica (Basel) Suppl:28-48, 1969 (Fre)  
ACRYLIC RESINS/ ADHESIONS, surgery/ BONE AND BONES, transplantation/ ENGLISH ABSTRACT/ HUMAN/ OCULOMOTOR MUSCLES, surgery/ OCULOMOTOR PARALYSIS, etiology/ \*OCULOMOTOR PARALYSIS, surgery/ \*ORBIT, injuries/ PROSTHESIS/ \*SKULL FRACTURES, complications/ SKULL FRACTURES, diagnosis/ SKULL FRACTURES, surgery

5491. Roujeau J, Galian A: La tumeur de Riopelle. 1. Etude analytique. Ann Urol (Paris) 4:85-95, May 70 (Fre)  
\*ADENOCARCINOMA, pathology/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ \*HEMANGIOMA, pathology/ HUMAN/ \*KIDNEY NEOPLASMS, pathology/ \*LIPOMA, pathology/ MALE/ MIDDLE AGE/ \*SARCOMA, pathology

5492. Routier G: Thrombopénie sévère d'origine rubéolique chez l'adulte. Sem Hop Paris 46:115-6, 8 Jan 70 (Fre)  
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PURPURA, THROMBOPENIC, drug therapy/ \*PURPURA, THROMBOPENIC, etiology/ \*RUBELLA, complications

5493. Roux M, Schrameck E: Sur le pseudo-myxome péritonéal. A propos de trois observations. Etude biochimique, dans un cas, de la substance mucoïde. Perspectives thérapeutiques. Presse Med 77:1975-8, 13 Dec 69 (Fre)  
ADULT/ AGED/ APPENDICEAL NEOPLASMS, pathology/ CYSTADENOMA, MUCINOUS, etiology/ \*CYSTADENOMA, MUCINOUS, pathology/ FEMALE/ HUMAN/ MALE/ MUCOCELE, complications/ MUCOPOLYSACCHARIDES, analysis/ OVARIAN CYSTS, complications/ PEPTIDE HYDROLASES, therapeutic use/ PERFUSION/ PERITONEAL CAVITY/ PERITONEAL NEOPLASMS, drug therapy/ \*PERITONEAL NEOPLASMS, pathology/ PERITONEAL NEOPLASMS, surgery

5494. Rouy A: Thérapeutique homéopathique des états variqueux accompagnés d'œdème. Phlebologie 22:349-54, Oct-Dec 69 (Fre)  
BLOOD COAGULATION/ CAPILLARIES, physiopathology/ EDEMA, complications/ \*EDEMA, therapy/ FEMALE/ FIBRIN, antagonists & inhibitors/ HEMODYNAMICS, drug effects/ \*HOMEOPATHY/ HORMONES, therapeutic use/ HUMAN/ HYPERTENSION/ MALE/ PHARMACOPOLYMERASIS, HOMEOPATHIC/ VARICOSE ULCER, complications/ VARICOSE ULCER, therapy/ VARICOSE VEINS, complications/ \*VARICOSE VEINS, therapy/ VENOMS/ VENOMS, therapeutic use

5495. Rouzaud M, Degiovanni E: Les accidents neurologiques des thérapeutiques anticoagulantes. Cah Med 11:351-62, Apr 70 (Fre)  
ADULT/ AGED/ \*ANTICOAGULANTS, adverse effects/ \*CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL HEMORRHAGE, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5496. Rowlatt C, Franks LM, Sheriff MU, et al: Naturally occurring tumours and other lesions of the digestive tract in untreated C57BL mice. J Path 100:Pxii, Feb 70  
ANIMAL EXPERIMENTS/ CARCINOMA, pathology/ \*GASTROINTESTINAL NEOPLASMS, pathology/ HEMANGIOMA, pathology/ MICE/ NEOPLASMS,



# AUTHOR SECTION

- EXPERIMENTAL, pathology/ NEUROFIBROMA, pathology/ POLYPS, pathology
5497. Roy A, Cavins J, Djerassi I: Circulation of concentrated one-day-old platelets in vivo. Transfusion 10:52-7, Mar-Apr 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD CIRCULATION/ \*BLOOD PLATELETS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ HEMORRHAGE, prevention & control/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PLASMAPHERESIS/ RATS/ TEMPERATURE/ THROMBOPENIA, therapy/ TIME FACTORS
5498. Royer G, Cuppett CC, Williams E, et al: Spectrophotometric and kinetic evidence for the existence of at least two salt-dependent conformations of alpha-chymotrypsin at pH values near neutrality. Arch Biochem 134:253-5, Oct 69  
\*CHYMOTRYPSIN/ ELECTRODES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OSMOLAR CONCENTRATION/ POTASSIUM CHLORIDE/ SPECTROPHOTOMETRY
5499. Rozenbaum H: Faisons le point sur le risque thrombo-embolique pendant la prise de contraceptifs oraux. Therapeutique 46:439-41, Apr 70 (Fre)  
ADULT/ BLOOD COAGULATION FACTORS, analysis/ \*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ PREGNANCY/ \*THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced
5500. Rózewicki S, Rzepka-Brewińska I: Zachowanie się niektórych czynników układu krzepnięcia i aktywności fibrynolitycznej krwi u kobiet z mięśniakami macicy leczonych progestestem firmy "Polfa". Przegl Lek 26:564-5, 1970 (Pol)  
ADULT/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FACTOR V, metabolism/ FACTOR VII, metabolism/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MIDDLE AGE/ \*MYOMA/ MYOMA, blood/ MYOMA, drug therapy/ \*PROGESTERONE, pharmacodynamics/ PROGESTERONE, therapeutic use/ \*TESTOSTERONE, pharmacodynamics/ TESTOSTERONE, therapeutic use/ \*UTERINE NEOPLASMS/ UTERINE NEOPLASMS, blood/ UTERINE NEOPLASMS, drug therapy
5501. Rozgon GI, Palianitsa VN: K voprosu o sostoinii svertyvalushchei i antisvertyvalushchei sistemy krovi u bol'nykh gipertonicheskoi bolezni u pri gipertonicheskikh krizakh i narusheniakh mozgovogo kroobrashchenia. Ter Arkh 42:31-3, Jan 70 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/ \*CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*HYPERTENSION, blood/ HYPERTENSION, complications/ MALE/ MIDDLE AGE
5502. Rozhdestvenskaia ED, Novikova KF: Vliianie solnechnoi aktivnosti na fibrinoliticheskuiu sistemu krovi. Klin Med (Moskva) 47:65-70, Jul 69 (Rus)  
\*COSMIC RADIATION/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, radiation effects/ HUMAN/ RHEUMATISM, blood
5503. Rozhilo EA: Sravnitel'naya otsenka gemostaticheskogo deistviia sukhoi plazmy i sukhoi plazmy s laktatom pri profilaktike posledovykh i rannykh poslerodovykh krvotekhenii. Probl Gemat 13:40-2, Jun 68 (Rus)  
BLOOD COAGULATION TESTS/ \*BLOOD TRANSFUSION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ \*HEMORRHAGE, prevention & control/ \*HEMORRHAGE, POSTPARTUM, prevention & control/ HUMAN/ \*LACTATES, therapeutic use/ \*PLACENTA/ PLACENTA DISORDERS, prevention & control/ \*PLASMA/ \*PREGNANCY COMPLICATIONS, prevention & control
5504. Rozier J, Rosset R: Les vitamines des viandes et abats. Leur évolution au cours des traitements qu'ils subissent. Ann Nutr (Paris) 24:B247-85, 1970 (Fre)  
ANTIOXIDANTS/ ASCORBIC ACID, analysis/ CAROTENOIDS, analysis/ COLD/ COOKERY/ DIETETICS/ \*FOOD ANALYSIS/ FOOD IRRADIATION/ FOOD PRESERVATION/ \*FOOD-PROCESSING INDUSTRY/ HEAT/ \*MEAT, analysis/ VITAMIN A, analysis/ VITAMIN B COMPLEX, analysis/ VITAMIN D, analysis/ VITAMIN E, analysis/ VITAMIN K, analysis/ \*VITAMINS, analysis
5505. Rtskhiladze GI: O funktsional'nom issledovanii sistemy svertyvaniia krovi v klinike gipertonicheskoi bolezni. Ter Arkh 42:87-94, Mar 70 (Rus)  
ANTICOAGULANTS, therapeutic use/ \*BLOOD COAGULATION/ FEMALE/ HUMAN/ \*HYPERTENSION, blood/ HYPERTENSION, drug therapy/ MALE
5506. Rubegni M, Palazzuoli V, Provvedi D, et al: Azione della adrenalina sulla coagulabilità ematica. Studio tromboelastografico. G Geront 17:757-64, Aug 69 (Ita)  
ADIPOSE TISSUE, metabolism/ ADULT/ \*BLOOD COAGULATION, drug effects/ \*EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HUMAN/ \*LIPIDS, blood/ MALE/ THROMBELASTOGRAPHY
5507. Rubegni M, Palazzuoli V, Provvedi D, et al: Il ruolo delle piastrine sulla ipercoagulabilità ematica indotta dalla adrenalina. G Geront 17:837-43, Sep 69 (Ita)  
ADULT/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ \*EPINEPHRINE, pharmacodynamics/ HUMAN/ MIDDLE AGE/ THROMBELASTOGRAPHY
5508. Rubin SO: Priapism as a probable sequel to medication. Scand J Urol Nephrol 2:81-5, 1968  
ADULT/ ALCOHOLISM, complications/ ANTICOAGULANTS, therapeutic use/ \*ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ DRUG ABUSE, complications/ ESTROGENS, therapeutic use/ HUMAN/ IMPOTENCE, chemically induced/ MALE/ MIDDLE AGE/ PARASYMPATHOLYTICS, therapeutic use/ \*PRIAPISM, chemically induced/ PRIAPISM, drug therapy/ PRIAPISM, surgery
5509. Rubino M, Conte M, Brienza A, et al: Effetto di un inibitore della proteolisi sull'attività fibrinolitica nelle peritoniti acute. Rass Int Clin Ter 48:587-96, 31 May 68 (Ita)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ \*ANTIFIBRINOLYTIC AGENTS/ FEMALE/ \*FIBRINOLYSIS, drug effects/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ \*PERITONITIS, blood/ PERITONITIS, drug therapy/ PERITONITIS, surgery
5510. Rubisz-Brzezińska J, Szymczykowa B, Smigla A: Ocena porównawcza wartości rtg i krioterapii naczynek włosowatych u dzieci. Przegl Derm 57:337-44, May-Jun 70 (Pol)  
CRYOTHERAPY/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, radiotherapy/ \*HEMANGIOMA, therapy/ HUMAN/ INFANT/ MALE
5511. Rudakov IA: O nekotorykh kollechestvennykh sdvigakh v sisteme trombotsitopoeza pri ostroillichevoi bolezni. Radiobiologiya 9:617-20, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, radiation effects/ \*BONE MARROW, radiation effects/ \*MEGAKARYOCYTES, radiation effects/ \*RADIATION INJURY, EXPERIMENTAL, blood/ RATS
5512. Ruddle FH, Chapman VM, Chen TR, et al: Genetic analysis with man-mouse somatic cell hybrids. Linkage between human lactate dehydrogenase A and B and peptidase B.



## AUTHOR SECTION

- Nature (London) 227:251-7, 18 Jul 70  
ALCOHOL OXIDOREDUCTASES, analysis/  
AMINOHYDROLASES, analysis/ ASPARTATE  
AMINOTRANSFERASE, analysis/  
CHROMOSOME MAPPING/ \*CLONE CELLS,  
enzymology/ CYTOGENETICS/  
ELECTROPHORESIS/ \*GENES, STRUCTURAL/  
GENETICS, HUMAN/ GLUCOSEPHOSPHATE  
DEHYDROGENASE, analysis/  
GLUCOSEPHOSPHATE ISOMERASE, analysis/  
HUMAN/ \*HYBRIDIZATION/ ISOCITRATE  
DEHYDROGENASE, analysis/ ISOENZYMES,  
analysis/ \*LACTATE DEHYDROGENASE,  
analysis/ LACTATE DEHYDROGENASE  
ISOENZYMES, analysis/ LINKAGE  
(GENETICS)/ MALATE DEHYDROGENASE,  
analysis/ \*PEPTIDE HYDROLASES, analysis/  
PHOSPHOGLUCOMUTASE, analysis
5513. Rudorff KH, Windeck R, Staib W: Über den Einfluss von Proinsulin auf den Alaninstoffwechsel der isoliert perfundierten Rattenleber.  
Hoppe Seyler Z Physiol Chem 351:292, Mar 70 (Ger)  
\*ALANINE, metabolism/ ANIMAL  
EXPERIMENTS/ CARBON DIOXIDE,  
metabolism/ CARBON ISOTOPES/  
\*GLUCONEOGENESIS, drug effects/ IN  
VITRO/ INSULIN, antagonists & inhibitors/  
\*INSULIN, pharmacodynamics/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ \*LIVER, metabolism/  
PEPTIDES, antagonists & inhibitors/  
PEPTIDES, pharmacodynamics/ PERFUSION/  
RATS/ STIMULATION, CHEMICAL
5514. Rudowski W, Schier J, Daszynski J, et al: Experimental transfusions of frozen blood contaminated with E. coli. Bull Pol Med Sci Hist 13:29-33, Jan 70  
ANIMAL EXPERIMENTS/ \*BLOOD,  
microbiology/ BLOOD PRESERVATION/  
\*BLOOD TRANSFUSION/ DOGS/  
\*ESCHERICHIA COLI/ FREEZING/ RABBITS/  
STERILIZATION/ TEMPERATURE
5515. Rudykh OD, Marulin BA, Belichenko LI: K tekhnike polucheniia fibrinoliznoi krovi.  
Probl Gemat 12:51-2, Sep 67 (Rus)  
\*BLOOD SPECIMEN COLLECTION/ \*BLOOD  
TRANSFUSION/ \*CADAVER/ \*FIBRINOLYSIS/  
HUMAN/ METHODS
5516. Rudykh OD, Marulin BA, Belichenko LI, et al: K voprosu o zagotovke fibrinoliznoi krovi.  
Probl Gemat 13:57-8, Dec 68 (Rus)  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ CADAVER/ \*FIBRINOLYSIS/  
HUMAN/ \*PLASMA
5517. Rudzit VK: Vliianie peroral'noi triptofanovoi nagruzki na kolichestvo lekotsitov i trombositov krovi i triptofana bolkov syvorotki krovi pri tireotoksikoze. Probl Endokr (Moskva) 13:13-7, Jul-Aug 67 (Rus)  
BLOOD CELL COUNT/ \*BLOOD PLATELETS,  
drug effects/ BLOOD PROTEINS, analysis/  
ENGLISH ABSTRACT/ HUMAN/  
HYPERTHYROIDISM, drug therapy/  
LEUKOCYTE COUNT/ \*LEUKOCYTES, drug  
effects/ SERUM ALBUMIN, analysis/  
\*TRYPTOPHAN, administration & dosage/  
\*TRYPTOPHAN, blood/ TRYPTOPHAN,  
metabolism
5518. Ruggiero HA, Fustinoni O, Caprissi LF, et al: Efecto de la heparina y de los anticoagulantes cumarinicos sobre la adhesividad plaquetaria.  
Prensa Med Argent 57:271-4, 10 Apr 70 (Spa)  
ADULT/ AGED/ \*BLOOD PLATELETS, drug  
effects/ CARDIOVASCULAR DISEASES, drug  
therapy/ \*COUMARINS, pharmacodynamics/  
ENGLISH ABSTRACT/ FEMALE/ \*HEPARIN,  
pharmacodynamics/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ MALE/ MIDDLE AGE/  
PLATELET ADHESIVENESS, drug effects
5519. Ruggiero HA, Fustinoni O, Luzzi R, et al: Estudio de la adhesividad plaquetaria.  
Prensa Med Argent 56:1411-5, Sep 69 (Spa)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
PLATELETS/ CARDIOVASCULAR DISEASES,  
blood/ CHILD/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
PLATELET ADHESIVENESS/  
THROMBELASTOGRAPHY
5520. Ruggiero HA, Fustinoni O, Luzzi R, et al: Efecto de la adenosina sobre la adhesividad plaquetaria.  
Prensa Med Argent 57:839-43, 3 Jul 70 (Spa)  
\*ADENINE NUCLEOTIDES, pharmacodynamics/  
\*BLOOD PLATELETS, drug effects/ ENGLISH  
ABSTRACT/ HUMAN/ PLATELET  
ADHESIVENESS, drug effects/ SURFACE  
PROPERTIES
5521. Ruggiero HA, Fustinoni O, Krieg RH, et al: Efecto de los antihistamínicos sobre la adhesividad plaquetaria.  
Prensa Med Argent 57:844-7, 3 Jul 70 (Spa)  
ADHESIVENESS/ ADULT/ AGED/ \*BLOOD  
PLATELET DISORDERS, drug therapy/  
CARDIOVASCULAR DISEASES, drug therapy/  
\*CHLORPHENIRAMINE, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ MALEATES/ MIDDLE AGE/  
\*SURFACE PROPERTIES
5522. Rugiero HR, Ruggiero HA, Astarloo L, et al: Sarampión. Estudio trombelastográfico.  
Prensa Med Argent 56:753-5, 20 Jun 69 (Spa)  
CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ MALE/  
\*MEASLES/ \*THROMBELASTOGRAPHY
5523. Ruhstrat K, Marcsek M, Bierstedt P: Über die Wirkung von chelatbildenden Kalium-Magnesium-d,l-Asparaginat auf Thrombocytenfunktion und Blutgerinnung. Arzneimittelforschung 19:1566-71, Sep 69 (Ger)  
AGGLUTINATION TESTS/ \*ASPARTIC ACID,  
pharmacodynamics/ BLOOD CELL COUNT/  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/ \*BLOOD  
PLATELETS, drug effects/ CELL  
AGGREGATION, drug effects/ \*CHELATING  
AGENTS, pharmacodynamics/ DEPRESSION,  
CHEMICAL/ ENGLISH ABSTRACT/  
\*HEMATOLOGIC DISEASES, blood/ HUMAN/  
MAGNESIUM, blood/ \*MAGNESIUM,  
pharmacodynamics/ POTASSIUM, blood/  
\*POTASSIUM, pharmacodynamics/  
STIMULATION, CHEMICAL/  
THROMBELASTOGRAPHY/ TIME FACTORS
5524. Ruiter M, Molenaar I: Ultrastructural changes in arteriolitis (vasculitis) allergica cutis superficialis. Brit J Derm 83:Suppl:14-26, 1970  
\*ARTERITIS, pathology/ BASEMENT  
MEMBRANE, pathology/ BIOPSY/ BLOOD  
VESSELS, pathology/ COLLAGEN/  
EPITHELIUM, pathology/ FIBRIN/  
FIBRINOGEN/ FIBROBLASTS/ HUMAN/  
HYPERSENSITIVITY, pathology/  
MICROSCOPY, ELECTRON/ \*SKIN, pathology
5525. Rukosuev S, Probatova NA: Lokalizatsiia fibrina v opukhloikh cheloveka. Arkh Pat 31:23-8, 1969 (Rus)  
ADENOCARCINOMA, metabolism/ ADENOMA,  
metabolism/ ADRENAL GLAND NEOPLASMS,  
metabolism/ BREAST DISEASES, metabolism/  
BREAST NEOPLASMS, metabolism/ ENGLISH  
ABSTRACT/ \*FIBRIN, analysis/  
FLUORESCENT ANTIBODY TECHNIC/  
GYNECOLOGIC NEOPLASMS, metabolism/  
HODGKIN'S DISEASE, metabolism/ HUMAN/  
LYMPH NODES, analysis/ MELANOMA,  
metabolism/ METHODS/ \*NEOPLASMS,  
metabolism/ NEOPLASMS, NERVOUS TISSUE,  
metabolism/ OVARIAN NEOPLASMS,  
metabolism/ RETICULOENDOTHELIOSIS,  
metabolism/ SARCOMA, metabolism/  
STOMACH NEOPLASMS, metabolism/  
THYROID NEOPLASMS, metabolism/  
TUBERCULOSIS, metabolism
5526. Runck AH, Valeri CR: Recovery of glycerolized red blood cells frozen in liquid nitrogen.  
Transfusion 9:297-305, Nov-Dec 69  
ACIDS/ ANTICOAGULANTS/ \*BLOOD  
PRESERVATION/ BLOOD PRESERVATION,  
instrumentation/ CITRATES/  
\*ERYTHROCYTES/ FLUOROCARBON  
POLYMERS/ \*FREEZING/ GLUCOSE/



# AUTHOR SECTION

- \*GLYCERIN/ HUMAN/ METHODS/  
\*NITROGEN/ STAINLESS STEEL
5527. Rupperecht E: Das kongenitale Rötelsyndrom.  
Deutsch Gesundh 24:1065-9, 5 Jun 69 (Ger)  
ANEMIA, NEONATAL, etiology/ BONE  
DISEASES, congenital/ FEMALE/ HEART  
DEFECTS, CONGENITAL, etiology/  
HEPATITIS, congenital/ HEPATOMEGALY,  
congenital/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES, etiology/  
MATERNAL-FETAL EXCHANGE/  
MYOCARDITIS, congenital/ PREGNANCY/  
\*PREGNANCY COMPLICATIONS,  
INFECTIOUS/ PURPURA, THROMBOPENIC,  
congenital/ \*RUBELLA, complications/  
SPLENOMEGALY, congenital
5528. Rusakov VI, Chernov VN: Odin iz putei  
preduprezhdeniya spazmicheskoi bolezni.  
Eksp Khir Anest 14:28-32, Jan-Feb 69 (Rus)  
\*ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ ENGLISH ABSTRACT/  
INJECTIONS, INTRAPERITONEAL/ RABBITS/  
\*URACIL, administration & dosage
5529. Rusalev H: Problems in the vocational development of  
the hemophilic individual. Bibl Haemat 34:209-13, 1970  
CHILD DEVELOPMENT/ \*HEMOPHILIA,  
rehabilitation/ \*REHABILITATION,  
VOCATIONAL/ VOCATIONAL EDUCATION/  
VOCATIONAL GUIDANCE
5530. Russell FE, Waldron WG, Madon MB: Bites by the  
brown spiders Loxosceles unicolor and Loxosceles  
arizonica in California and Arizona.  
Toxicon 7:109-17, Sep 69  
ADRENAL CORTEX HORMONES, therapeutic  
use/ ADULT/ ARACHNIDISM, complications/  
ARACHNIDISM, drug therapy/  
\*ARACHNIDISM, occurrence/ ARIZONA/  
CALIFORNIA/ FEMALE/ FIBRINOLYSIS,  
therapeutic use/ HUMAN/ MALE/ NECROSIS
5531. Rustamova BA, Molchanova LV, Kudriashov BA:  
Vliyanie geparina na stabilizatsiyu fibrinovogo  
sgustka. Vop Med Khim 16:290-3, May-Jun 70 (Rus)  
ACETIC ACIDS/ ANIMAL EXPERIMENTS/  
\*BLOOD COAGULATION/ CATTLE/ ENGLISH  
ABSTRACT/ \*FACTOR XIII, physiology/  
FIBRINOLYSIS/ FIBRINOLYSIS/ \*HEPARIN,  
physiology/ SOLUBILITY
5532. Ruszczak Z, Prószyńska-Kuczyńska W: Angioma  
serpiginosum (Hutchinson-Crocker)  
Przegl Derm 57:527-30, 1970 (Pol)  
ADOLESCENCE/ CAPILLARIES, pathology/  
CASE REPORT/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMANGIOMA, pathology/  
HUMAN/ \*SKIN NEOPLASMS, pathology
5533. Rutecka-Bonin I, Majewski W, Tybusz B, et al: Flora  
bakteryjna ran pooperacyjnych gojacych się doraźnie  
i powikłanych ropieniem.  
Pol Tyg Lek 24:1354-6, 2 Sep 69 (Pol)  
COAGULASE, analysis/ ENGLISH ABSTRACT/  
HUMAN/ STAPHYLOCOCCAL INFECTIONS,  
enzymology/ \*STAPHYLOCOCCUS, isolation &  
purification/ SUPPURATION, microbiology/  
SURGICAL WOUND INFECTION, enzymology/  
\*SURGICAL WOUND INFECTION,  
microbiology/ \*WOUND HEALING
5534. Rutqvist L: Studies of Aspergillus fumigatus; casein  
precipitating and proteolytic effects of mycelial  
filtrate. Acta Vet Scand 10:18-35, 1969  
\*ASPERGILLUS, analysis/ \*CASEIN/  
GELATIN, metabolism/ \*PEPTIDE  
HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, metabolism/ PRECIPITATION/  
TIME FACTORS/ TISSUE CULTURE
5535. Rutqvist L: Studies on Aspergillus fumigatus;  
properties of intracellular proteinase.  
Acta Vet Scand 10:234-54, 1969  
\*ASPERGILLUS, enzymology/ CASEIN/  
ELECTROPHORESIS/ FILTRATION/ HEAT/  
HEMOGLOBIN/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/  
\*PEPTIDE HYDROLASES, metabolism/  
RABBITS
5536. Rutqvist L, Lundblad G: Studies on Aspergillus  
fumigatus; hydrolysis of polyamino acids by mycelial  
filtrate and chromatographic fractionation of the  
filtrate. Acta Vet Scand 10:255-74, 1969  
\*ANTIGENS, isolation & purification/  
\*ASPERGILLUS, enzymology/  
CHROMATOGRAPHY/ FILTRATION/ GEL  
FILTRATION/ \*GLUTAMINE, metabolism/  
HYDROGEN-ION CONCENTRATION/ IMMUNE  
SERUMS/ IMMUNOCHEMISTRY/ \*LYSINE,  
metabolism/ \*PEPTIDE HYDROLASES,  
metabolism/ SPECTROPHOTOMETRY
5537. Rutten AP, Sikkenk PJ, Ariëns AT: Two cases of  
primary carcinoma of the liver in children.  
Arch Chir Neerl 21:267-76, 1969  
ANGIOMA, SCLEROSING, diagnosis/ CHILD,  
PRESCHOOL/ CHOLANGIOMA, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ FIBROMA,  
diagnosis/ HAMARTOMA, diagnosis/  
HEPATECTOMY/ \*HEPATOMA, pathology/  
HEPATOMA, radiography/ HEPATOMA,  
surgery/ HUMAN/ \*LIVER NEOPLASMS,  
pathology/ LIVER NEOPLASMS, radiography/  
LIVER NEOPLASMS, surgery/ MALE/  
TERATOID TUMOR, diagnosis
5538. Ruvdick R, Ivanovski M: Polyglobulie associée à un  
cancer primitif du foie.  
Nouv Rev Franc Hemat 10:261-5, Mar-Apr 70 (Fre)  
BLOOD VOLUME/ CASE REPORT/  
ELECTROPHORESIS/ ERYTHROCYTE COUNT/  
\*HEPATOMA, complications/ HEPATOMA,  
pathology/ HUMAN/ \*LIVER NEOPLASMS,  
complications/ LIVER NEOPLASMS, pathology/  
MALE/ MIDDLE AGE/ MYELOGRAPHY/  
\*POLYCYTHEMIA, complications/  
PROTHROMBIN TIME
5539. Ryan CA, Huisman W: The regulation of synthesis and  
storage of chymotrypsin inhibitor I in leaves of potato  
and tomato plants. Plant Physiol 45:484-9, Apr 70  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
CYCLOHEXIMIDE, pharmacodynamics/  
DACTINOMYCIN, pharmacodynamics/  
HERBICIDES, pharmacodynamics/  
INDOLEACETIC ACID, pharmacodynamics/  
\*PLANT PROTEINS, biosynthesis/ \*PLANTS,  
EDIBLE, metabolism/ PUROMYCIN,  
pharmacodynamics
5540. Ryan CA, Shumway LK: Differential synthesis of  
chymotrypsin inhibitor I in variegated leaves of a  
cytoplasmic mutant of tobacco (Dpl).  
Plant Physiol 45:512-4, Apr 70  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
MICROSCOPY, ELECTRON/ MUTATION/  
\*PLANT PROTEINS, biosynthesis/ \*TOBACCO,  
metabolism
5541. Ryan JJ, Ketcham AS, Wexler H: Warfarin therapy as  
an adjunct to the surgical treatment of malignant  
tumors in mice. Cancer Res 29:2191-4, Dec 69  
\*ADENOCARCINOMA, surgery/ ANIMAL  
EXPERIMENTS/ \*MAMMARY NEOPLASMS,  
EXPERIMENTAL, surgery/ MICE/  
POSTOPERATIVE COMPLICATIONS, mortality/  
\*SARCOMA, EXPERIMENTAL, surgery/  
\*WARFARIN, administration & dosage
5542. Ryan SF, Walker JA, McCord CW: Early events at the  
aortic homograft-bloodstream interface.  
Amer J Path 59:453-68, Jun 70  
ANIMAL EXPERIMENTS/ AORTA,  
THORACIC, cytology/ \*AORTA, THORACIC,  
transplantation/ \*BLOOD COAGULATION/  
BLOOD PLATELETS/ DOGS/ MALE/  
MICROSCOPY/ MICROSCOPY, ELECTRON/  
THROMBOSIS, pathology/ TIME FACTORS/  
TRANSPLANTATION, HOMOLOGOUS
5543. Ryback R, Desforges J: Alcoholic thrombocytopenia in  
three inpatient drinking alcoholics.  
Arch Intern Med (Chicago) 125:475-7, Mar 70  
ALCOHOL DRINKING/ ALCOHOLIC  
INTOXICATION, complications/  
ALCOHOLISM, complications/ BLOOD CELL



## AUTHOR SECTION

COUNT/ BLOOD PLATELETS/ HUMAN/  
\*THROMBOPENIA, etiology/ TIME FACTORS

5544. Rygg IH, Borgeskov S, Arnfred I: A case of prolonged deep hypothermia during cardiopulmonary bypass. Scand J Thorac Cardiovasc Surg 3:197-202, 1969  
ACID-BASE EQUILIBRIUM/ ADULT/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BODY TEMPERATURE/ CASE REPORT/ ELECTROENCEPHALOGRAPHY/  
\*EXTRACORPOREAL CIRCULATION/  
\*HEMANGIOMA, surgery/ HEMORRHAGE/ HUMAN/ \*HYPOTHERMIA, INDUCED/ MALE/  
\*NOSE NEOPLASMS, surgery/ PERFUSION/  
\*PHARYNGEAL NEOPLASMS, surgery/  
RESPIRATION, ARTIFICIAL/ TRACHEOTOMY
5545. Rymaszewski Z, Berent H: Adhezja płytek krwi w chorobie wieńcowej i zawale serca. Pol Arch Med Wewn 43:1265-9, Sep 69 (Pol)  
ADULT/ AGED/ \*BLOOD PLATELETS/  
\*CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/  
\*MYOCARDIAL INFARCT, blood/ PLATELET ADHESIVENESS
5546. Ryšánek K, König J, Spánková H, et al: The effect of magnesium on the aggregation of human thrombocytes induced by adrenalline. Aktiv Nerv Sup (Praha) 12:258-9, 1970  
\*BLOOD PLATELETS, drug effects/ \*CELL AGGREGATION, drug effects/ EPINEPHRINE, antagonists & inhibitors/ HUMAN/ IN VITRO/  
\*MAGNESIUM, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects
5547. Ryser HJ: Uptake of foreign proteins by mammalian cells and the functions of pinocytosis. Bull Schweiz Akad Med Wiss 24:363-84, Jul 69  
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ DNA, metabolism/ GEL FILTRATION/ GLUTAMATES, pharmacodynamics/ HISTONES, pharmacodynamics/ IN VITRO/ INULIN, metabolism/ LYSINE, pharmacodynamics/ MICE/ MOLECULAR WEIGHT/ ORNITHINE, pharmacodynamics/ \*PINOCYTOSIS/ PROTAMINES, pharmacodynamics/ \*PROTEINS, metabolism/ \*SARCOMA, EXPERIMENTAL, metabolism/ SERUM ALBUMIN, RADIO-IODINATED, metabolism/ TIME FACTORS/ TISSUE CULTURE
5548. Rzaev NM, Kazieva NK: Izmenenie svertyvaniya krovi pri narkoze. Probl Gemat 13:32-4, Feb 68 (Rus)  
\*ANESTHESIA/ \*ANESTHETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/  
\*BLOOD COAGULATION, drug effects/  
ENGLISH ABSTRACT/ RABBITS
5549. Rzaev NM, Makinskii AI: Aktivnost' fibrinostabiliziruyushchego faktora u bol'nykh tuberkulezom legkikh. Probl Tuberk 48:53-8, 1970 (Rus)  
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ \*FACTOR XII, analysis/  
FEMALE/ HUMAN/ MIDDLE AGE/  
\*TUBERCULOSIS, PULMONARY, blood
5550. Rzaev NM, Makinskii AN: O Kolinchestvennykh i kachestvennykh izmeneniyakh fibrinogena v plazme krovi bol'nykh tuberkulezom legkikh. Probl Tuberk 47:43-8, 1969 (Rus)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
\*FIBRINOGEN, analysis/ HUMAN/ MALE/  
MIDDLE AGE/ \*TUBERCULOSIS, PULMONARY, blood
5551. Sabatini DD, Blobel G: Controlled proteolysis of nascent polypeptides in rat liver cell fractions. II. Location of the polypeptides in rough microsomes. J Cell Biol 45:146-57, Apr 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN, pharmacodynamics/ GEL FILTRATION/  
LEUCINE, metabolism/ MICROSCOPY,
- ELECTRON/ MICROSOMES, LIVER, drug effects/ \*MICROSOMES, LIVER, metabolism/ PEPTIDES, metabolism/ RATS/ RIBOSOMES, metabolism/ TRYPSIN, pharmacodynamics
5552. Sabelli CA, Vita ME: Evaluación clínica de un tratamiento enzimático-antibiótico en odontología, por el método "doble-ciego". Rev Circ Argent Odont 32:41-8, Aug 69 (Spa)  
CHYMOTRYPSIN, therapeutic use/ DRUG SYNERGISM/ POSTOPERATIVE COMPLICATIONS, drug therapy/ SPECIAL LIST DENTAL/ SURGERY, ORAL/  
TETRACYCLINE, therapeutic use/ TRYPSIN, therapeutic use
5553. Sabetta F, Lanfranchi R: Sperimentazione clinica in ortopedia e traumatologia di un preparato eparinico. Minerva Ortop 20:149-52, Apr 69 (Ita)  
ADULT/ AGED/ \*CHOLINE, therapeutic use/  
CLINICAL RESEARCH/ \*DRUG SYNERGISM/  
ENGLISH ABSTRACT/ FEMALE/ \*FOLIC ACID, therapeutic use/ \*HEPARIN, therapeutic use/ HUMAN/ \*JOINT DISEASES, drug therapy/ LIPIDS, metabolism/ MALE/  
MIDDLE AGE/ \*NICOTINAMIDE, therapeutic use/  
\*THROMBOEMBOLISM, drug therapy/  
\*VITAMIN B 12, therapeutic use
5554. Sachs C, Bourdeau AM, Broyer M, et al: Le calcium ionisé au cours de l'hémodialyse dans l'insuffisance rénale chronique. Ann Biol Clin (Paris) 28:137-43, 1970 (Fre)  
ACETATES/ BONE DISEASES, blood/  
\*CALCIUM, analysis/ CHELATING AGENTS/  
DIALYSIS/ ENGLISH ABSTRACT/  
\*HEMODIALYSIS/ HEPARIN/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ \*KIDNEY FAILURE, CHRONIC, blood/ METHODS/ TIME FACTORS/ UREMIA, blood
5555. Sachs V, Szirmai E: Immunologic aspects of plasminogen. Angiology 21:1-4, Jan 70  
ANIMAL EXPERIMENTS/ \*ANTIBODY FORMATION/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ \*ANTIGEN-ANTIBODY REACTIONS/ \*FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/  
\*PLASMINOGEN/ PLASMINOGEN, antagonists & inhibitors/ RABBITS
5556. Sacrez R, Klein F, Lévy JM, et al: Lymphangiectasies osseuses disséminées. Arch Franc Pediat 26:537-46, May 69 (Fre)  
BIOPSY/ \*BONE NEOPLASMS/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ \*LYMPHANGIECTASIS/  
LYMPHANGIECTASIS, diagnosis/  
LYMPHANGIECTASIS, radiography/  
MICROSCOPY, ELECTRON/ NEOPLASM METASTASIS
5557. Sadgopal A, Kabat D: Synthesis of chromosomal proteins during the maturation of chicken erythrocytes. Blochim Biophys Acta 190:486-95, 22 Oct 69  
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBON ISOTOPES/ CHICKENS/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*CHROMOSOMES, metabolism/ DNA REPLICATION/ ELECTROPHORESIS/  
\*ERYTHROCYTES, metabolism/ GENETICS, BIOCHEMICAL/ HETEROCHROMATIN, metabolism/ HISTONES, biosynthesis/  
KINETICS/ LEUCINE, metabolism/ LYSINE, metabolism/ PEPTIDES, analysis/ \*PROTEINS, biosynthesis/ RNA, biosynthesis/ TRYPSIN/  
URIDINE, metabolism
5558. Sadikario A, Mladenovski B, Georgieva B, et al: Familijarna kapilaropatija (M. Willebrand) kod 12 porodica. God Zborn Med Fak Skopje 15:49-59, 1969 (Cro)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ \*HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/  
INFANT/ MALE



# AUTHOR SECTION

5559. Sadliński C, Podwiński A: Sródoperacyjny krwotok spowodowany niedoborem fibrynogenu. (Pol)  
Przegl Lek 26:561-2, 1970  
ADENOMA, surgery/ ADULT/  
\*AFIBRINOGENEMIA/ AUTOPSY/ ENGLISH  
ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/  
FIBRINOGEN, biosynthesis/ \*HEMORRHAGE,  
etiology/ HUMAN/ THYROID NEOPLASMS,  
surgery
5560. Sadliński C, Stadnik J, Wodarczyk D, et al: Wplyw endoksanu na zmiany morfotyczne we krwi obwodowej. Pol Tyg Lek 24:1811-3, 24 Oct 69 (Pol)  
ANIMAL EXPERIMENTS/ \*BLOOD CELLS,  
drug effects/ BLOOD PLATELETS, drug  
effects/ \*CYCLOPHOSPHAMIDE,  
pharmacodynamics/ CYCLOPHOSPHAMIDE,  
toxicity/ ENGLISH ABSTRACT/  
EOSINOPHILS, drug effects/ FEMALE/  
HUMAN/ LEUKOCYTE COUNT/  
LEUKOCYTES, drug effects/ MALE/  
NEOPLASMS, blood/ \*NEOPLASMS, drug  
therapy/ RABBITS
5561. Sadoff HL, Celikkol E, Engelbrecht HL: Conversion of bacterial aldolase from vegetative to spore form by a sporulation-specific protease.  
Proc Nat Acad Sci USA 66:844-9, Jul 70  
ALDOLASE, analysis/ \*ALDOLASE,  
metabolism/ \*BACILLUS CEREUS,  
enzymology/ CALCIUM CHLORIDE/  
CHEMISTRY/ ELECTROPHORESIS, DISK/  
MAGNESIUM SULFATE/ MOLECULAR  
WEIGHT/ \*PEPTIDE HYDROLASES,  
metabolism/ \*SPORES, enzymology
5562. Safar J, Gajewski J, Shedd DP, et al: Effect of the streptokinase-induced fibrinolytic state on the healing of sutured arterial wounds in dogs.  
J Surg Res 9:649-56, Nov 69  
ANIMAL EXPERIMENTS/ \*ARTERIES,  
surgery/ BLOOD COAGULATION TESTS/  
CICATRIX, physiopathology/ DOGS/  
EPITHELIUM, drug effects/ FEMORAL  
ARTERY, pathology/ FEMORAL ARTERY,  
surgery/ FIBRINOLYSIS, therapeutic use/  
\*FIBRINOLYSIS, drug effects/ PROTHROMBIN  
TIME/ \*STREPTOKINASE, therapeutic use/  
\*THROMBOSIS, prevention & control/ WOUND  
HEALING, drug effects
5563. Sagami S: [Neurocutaneous syndrome]  
Jap J Clin Med 27:2256-9, Sep 69 (Jap)  
\*ANGIOMATOSIS/ HUMAN/  
\*NEUROFIBROMATOSIS/ \*TUBEROUS  
SCLEROSIS
5564. Sahud MA: Dextropropoxyphene in bleeding states.  
New Eng J Med 283:48, 2 Jul 70  
\*BLOOD COAGULATION, drug effects/  
HUMAN/ \*PROPOXYPHENE,  
pharmacodynamics
5565. Sahud MA, Aggeler PM: Utilization of ascorbic acid during platelet aggregation.  
Proc Soc Exp Biol Med 134:13-6, May 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ADULT/ ASCORBIC ACID, blood/ \*ASCORBIC  
ACID, metabolism/ ASPIRIN,  
pharmacodynamics/ \*BLOOD PLATELETS,  
metabolism/ COLLAGEN, pharmacodynamics/  
EPINEPHRINE, pharmacodynamics/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/ PLATELET  
ADHESIVENESS/ THROMBIN,  
pharmacodynamics
5566. Saida K, Mitsutani S, Yamasawa I, et al: [Evans' syndrome: report of a case]  
Jap Arch Intern Med 16:387-91, Sep 69 (Jap)  
ADRENAL CORTEX HORMONES, therapeutic  
use/ ADULT/ \*ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, complications/ CASE REPORT/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LEUKOPENIA, complications/ \*PURPURA,  
THROMBOPENIC, complications/  
SPLENECTOMY/ \*THROMBOPENIA,  
complications/ THROMBOPENIA, diagnosis
5567. Saidi M, Girardin G, Pare C, et al: Le purpura thrombocytopénique, un nouvel aspect clinique du syndrome de la rubéole congénitale.  
Canad Med Ass J 101:340-3, 20 Sep 69 (Fre)  
FEMALE/ HUMAN/ INFANT, NEWBORN/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, INFECTIOUS/ \*PURPURA,  
THROMBOPENIC, etiology/ RUBELLA,  
complications/ \*RUBELLA, congenital
5568. St. Clair RW, Lofland HB, Clarkson TB: Influence of atherosclerosis on the composition, synthesis, and esterification of lipids in aortas of squirrel monkeys (Saimiri sciureus).  
J Atheroscler Res 10:193-206, Sep-Oct 69  
ACETATES, metabolism/ ANIMAL  
EXPERIMENTS/ \*AORTA, metabolism/  
ARTERIOSCLEROSIS, etiology/  
\*ARTERIOSCLEROSIS, metabolism/ CARBON  
ISOTOPES/ CHOLESTEROL, analysis/ DIET,  
ATHEROGENIC/ ESTERS, analysis/ ESTERS,  
metabolism/ FATTY ACIDS, analysis/  
FEMALE/ LIPIDS, biosynthesis/ \*LIPIDS,  
metabolism/ MALE/ MEVALONIC ACID,  
metabolism/ MONKEYS/ PERFUSION/  
PHOSPHOLIPIDS, analysis/ SQUALENE,  
biosynthesis/ TRIGLYCERIDES, analysis
5569. Saint Paul B, Chassaigne M: Anticorps biphase de spécificité anti Tja et de type IgG.  
Rev Franc Transfus 12:Suppl:135-8, 1969 (Fre)  
\*ANTIBODIES, analysis/ ANTIBODY  
SPECIFICITY/ BLOOD COAGULATION  
TESTS/ \*BLOOD GROUPS/ BLOOD  
PROTEINS, analysis/ CHROMATOGRAPHY/  
COLD/ COMPLEMENT/ COOMBS' TEST/  
ERYTHROCYTES, immunology/ \*GAMMA  
GLOBULIN, 7S, analysis/ GEL FILTRATION/  
HEMOGLOBINURIA, PAROXYSMAL,  
complications/ HEMOGLOBINURIA,  
PAROXYSMAL, immunology/ HEMOLYSIS/  
HUMAN/ LIPIDS, blood/ MALE/ SYPHILIS,  
complications
5570. Saito H: [Studies on the interaction between fibrinolytic system and early phase of blood coagulation] Acta Haemat Jap 31:1031-9, Nov 68 (Jap)  
\*BLOOD COAGULATION/ \*FIBRINOLYSIS/  
SILICON
5571. Saito H, Shiota M, Koie K, et al: Congenital combined deficiency of factor V and factor 8. A case report and the effect of transfusion of normal plasma and hemophilic blood.  
Thromb Diath Haemorrh 22:316-25, 15 Nov 69  
\*BLOOD COAGULATION DISORDERS,  
therapy/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS, metabolism/ BLOOD  
TRANSFUSION/ \*BLOOD TRANSFUSION/  
CHILD/ FACTOR V DEFICIENCY,  
complications/ FACTOR V DEFICIENCY,  
familial & genetic/ FACTOR V DEFICIENCY,  
therapy/ \*FACTOR VIII/ HEMOPHILIA,  
complications/ HEMOPHILIA, familial &  
genetic/ \*HEMOPHILIA, therapy/ HUMAN/  
HYPOPROTHROMBINEMIAS, familial &  
genetic/ \*HYPOPROTHROMBINEMIAS,  
therapy/ MALE/ PEDIGREE/ PLATELET  
ADHESIVENESS
5572. Saito M, Kuroyanagi T: [Studies on platelet metabolism in relation to platelet functions]  
Acta Haemat Jap 32:23-31, Feb 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, metabolism/ \*BLOOD  
PLATELETS, physiopathology/ CLOT  
RETRACTION/ ENGLISH ABSTRACT/  
HEMATOLOGIC DISEASES/ HUMAN/  
PLATELET ADHESIVENESS/ RABBITS
5573. Sakakihara Y, Biery DN, Polishook RD, et al: Selective lysis of pulmonary clots.  
Surg Gynec Obstet 130:821-8, May 70  
ANIMAL EXPERIMENTS/  
CATHETERIZATION/ DIATRIZOATE,  
diagnostic use/ DISEASE MODELS, ANIMAL  
DOGS/ ELECTROCARDIOGRAPHY/  
\*FIBRINOLYSIS, administration & dosage/  
FIBRINOLYSIS/ FLUOROSCOPY/  
PULMONARY ARTERY, radiography/  
PULMONARY EMBOLISM, chemically induced



# AUTHOR SECTION

- \*PULMONARY EMBOLISM, drug therapy/  
THROMBOPLASTIN
5574. Sakamura Y: [Systemic effects of tooth extraction, with special reference to the blood coagulation system] J Jap Stomat Soc 37:158, Jun 70 (Jap)  
\*BLOOD COAGULATION/ HUMAN/ \*TOOTH EXTRACTION
5575. Sakharov RS, Rassulin IuA: Primenenie rimoprotelina dlia vylavleniya antitel sistemy rezus. (Predvaritel'noe soobshchenie)  
Probl Gemat 14:56-8, Jun 69 (Rus)  
ENGLISH ABSTRACT/ \*ERYTHROCYTES, immunology/ HUMAN/ \*ISOANTIBODIES, analysis/ METHODS/ \*PEPTIDE HYDROLASES
5576. Sako Y, Varco RL: Arteriovenous fistula: results of management of congenital and acquired forms, blood flow measurements, and observations on proximal arterial degeneration. Surgery 67:40-61, Jan 70  
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM, etiology/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ \*ARTERIES, pathology/ ARTERIOSCLEROSIS, etiology/ ARTERIOVENOUS FISTULA, complications/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, pathology/ ARTERIOVENOUS FISTULA, physiopathology/ ARTERIOVENOUS FISTULA, radiography/ \*ARTERIOVENOUS FISTULA, surgery/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, pathology/ ARTERIOVENOUS MALFORMATIONS, physiopathology/ ARTERIOVENOUS MALFORMATIONS, surgery/ \*BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ CHILD/ CHILD, PRESCHOOL/ DILATATION/ DOGS/ EDEMA, etiology/ FEMALE/ FEMORAL ARTERY/ HEART ENLARGEMENT, etiology/ HEMANGIOMA, etiology/ HUMAN/ ILIAC ARTERY, pathology/ MALE/ MIDDLE AGE
5577. Sakula A: Antitrypsin deficiency in lung disease. Lancet 1:302-3, 7 Feb 70  
ADOLESCENCE/ ADULT/ BODY CONSTITUTION/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, complications/ \*PNEUMOTHORAX, blood/ PNEUMOTHORAX, complications/ PNEUMOTHORAX, familial & genetic/ \*TRYPSIN INHIBITORS, blood
5578. Salaman JR: Use of radioactive fibrinogen for detecting rejection of human renal transplants. Brit Med J 2:517-21, 30 May 70  
ADOLESCENCE/ ADULT/ BIOPSY/ CADAVER/ FALSE POSITIVE REACTIONS/ FEMALE/ \*FIBRINOGEN, diagnostic use/ HEMORRHAGE, etiology/ HISTOCOMPATIBILITY/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, pathology/ \*KIDNEY, transplantation/ MALE/ RADIOLOGY/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
5579. Salassa RM, Jowsey J, Arnaud CD: Hypophosphatemic osteomalacia associated with "nonendocrine" tumors. New Eng J Med 283:65-70, 9 Jul 70  
ADULT/ \*ANGIOMA, SCLEROSING, complications/ ANGIOMA, SCLEROSING, metabolism/ ANGIOMA, SCLEROSING, surgery/ CALCIUM, blood/ CALCIUM, urine/ CREATININE, blood/ CREATININE, urine/ HORMONES, ECTOPIC, biosynthesis/ HUMAN/ MALE/ \*OSTEOMALACIA, etiology/ PARATHYROID HORMONE, blood/ \*PHOSPHATES, blood/ PHOSPHATES, metabolism/ VITAMIN D, blood/ VITAMIN D, urine
5580. Salavec M: Kloubní projevy u hemofilie. Vnitřní Lek 16:21-8, Jan 70 (Cze)  
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ ENGLISH ABSTRACT/ \*HEMOPHILIA, complications/ HEMORRHAGE/ HUMAN/ \*JOINT DISEASES, etiology/ MIDDLE AGE
5581. Salazar AE, Edwards JE: Friction lesions of ventricular endocardium. Relation to chordae tendineae of mitral valve. Arch Path (Chicago) 90:364-76, Oct 70  
ADHESIONS/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ARACHNODACTYL, pathology/ AUTOPSY/ CHORDAE TENDINEAE, pathology/ \*CHORDAE TENDINEAE, physiopathology/ \*ENDOCARDIUM, pathology/ FEMALE/ HEART ATRIUM, abnormalities/ HEART DISEASES, etiology/ \*HEART DISEASES, pathology/ HEART ENLARGEMENT, pathology/ HEART VENTRICLE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, pathology/ \*MITRAL VALVE, physiopathology/ SCLEROSIS
5582. Saldeen T: Intravascular coagulation in the lungs in experimental fat embolism. Acta Chir Scand 135:653-62, 1969  
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ EMBOLISM, FAT, chemically induced/ \*EMBOLISM, FAT, pathology/ FACTOR V, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FRACTURES, complications/ HEPARIN, therapeutic use/ HINDLIMB, injuries/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ LIPIDS, adverse effects/ LUNG, pathology/ \*PULMONARY EMBOLISM, pathology/ RABBITS/ RATS/ \*THROMBOSIS, pathology/ THROMBOSIS, prevention & control
5583. Saldeen T: The disappearance of fibrin from the pulmonary vessels in experimental fat embolism. Thromb Diath Haemorrh 22:360-71, 15 Nov 69  
ADIPOSE TISSUE/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ \*EMBOLISM, FAT, blood/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, metabolism/ FEMALE/ FEMORAL FRACTURES, complications/ \*FIBRIN, metabolism/ FIBRINOLYSIS/ HEMOGLOBINOMETRY/ HEMOLYSIS/ PHAGOCYTOSIS/ PLASMINOGEN, antagonists & inhibitors/ PREMEDICATION/ \*PULMONARY EMBOLISM, blood/ PULMONARY EMBOLISM, metabolism/ RATS/ SERUM ALBUMIN, RADIO-IODINATED/ TRYPAN BLUE, pharmacodynamics
5584. Saldeen T: Fat embolism and signs of intravascular coagulation in a posttraumatic autopsy material. J Trauma 10:273-86, Apr 70  
ACCIDENTS, TRAFFIC/ AGED/ AUTOPSY/ \*BLOOD COAGULATION DISORDERS/ \*CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ EMBOLISM, FAT, diagnosis/ \*EMBOLISM, FAT, etiology/ EMBOLISM, FAT, mortality/ EMBOLISM, FAT, pathology/ FEMALE/ FEMORAL FRACTURES, complications/ FIBRIN, analysis/ FRACTURE FIXATION, INTRAMEDULLARY/ \*FRACTURES, complications/ HUMAN/ LIPIDS, analysis/ LUNG, analysis/ MALE/ MIDDLE AGE/ PELVIC BONES, injuries/ PULMONARY ARTERY, analysis/ PULMONARY ARTERY, pathology/ \*PULMONARY EMBOLISM, etiology/ PULMONARY VEINS, analysis/ PULMONARY VEINS, pathology/ TIBIAL FRACTURES, complications/ TIME FACTORS/ \*WOUNDS AND INJURIES, complications
5585. Saldeen T: The importance of intravascular coagulation and inhibition of the fibrinolytic system in experimental fat embolism. J Trauma 10:287-98, Apr 70  
ADIPOSE TISSUE/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, pharmacodynamics/ \*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ \*BLOOD COAGULATION DISORDERS/ BRAIN, drug effects/ BRAIN, pathology/ \*CEREBRAL EMBOLISM AND



# AUTHOR SECTION

- THROMBOSIS/ \*EMBOLISM, FAT/ EMBOLISM, FAT, mortality/ FEMALE/ \*FIBRINOLYSIS, drug effects/ HEMORRHAGE/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ LIVER, drug effects/ LIVER, pathology/ LUNG, drug effects/ LUNG, pathology/ PULMONARY ARTERY/ \*PULMONARY EMBOLISM/ PULMONARY VEINS/ RADIOACTIVITY/ RADIOISOTOPES/ RATS/ THROMBOPLASTIN
5586. Saliba MJ Jr, Griner LA: Heparin efficacy in burns. I. Significant early modification of experimental third degree guinea pig thermal burn and ancillary findings. A double blind study. *Aerospace Med* 41:179-87, Feb 70  
AGE FACTORS/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY SURFACE AREA/ BODY WEIGHT/ BURNS, pathology/ \*BURNS, ELECTRIC, therapy/ COMPARATIVE STUDY/ FEMALE/ GUINEA PIGS/ HEPARIN, administration & dosage/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ SKIN, pathology/ SODIUM CHLORIDE, therapeutic use/ TIME FACTORS
5587. Saliev KK: Osobennosti svertyvalushchei sistemy krovi u zhenshchin-konduktorov gemofilil. (Rus)  
*Probl Gemat* 14:31-2, Oct 69  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION/ CHILD/ FEMALE/ GENOTYPE/ \*HEMOPHILIA/ HUMAN/ \*SEX CHROMOSOMES
5588. Sallam M, Watson WC: Pulmonary hypertension due to micro-thromboembolism from splenic and portal veins after portacaval anastomosis.  
*Brit Heart J* 32:269-71, Mar 70  
ADOLESCENCE/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ FEMALE/ HEPATOMEGALY, complications/ HUMAN/ \*HYPERTENSION, PULMONARY, etiology/ \*PORTACAVAL ANASTOMOSIS/ PORTAL VEIN/ \*POSTOPERATIVE COMPLICATIONS/ PULMONARY ARTERY, radiography/ SPLEEN, radiography/ SPLENIC VEIN/ SPLENOMEGALY, complications/ \*THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, drug therapy
5589. Salmon C, Combrisson A: Conservation à -85 degrees C d'une réserve d'hématies de phénotypes rares.  
*Rev Franc Transfus* 13:37-46, Mar 70 (Fre)  
ADULT/ BLOOD BANKS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ \*ERYTHROCYTES/ FEMALE/ FREEZING/ GLYCERIN/ HUMAN/ MALE/ METHODS/ \*PHENOTYPE/ SORBITOL
5590. Salo OP, Laiho K, Blomqvist K, et al: Papillary deposition of fibrin in iodide reactions in dermatitis herpetiformis. *Ann Clin Res* 2:19-21, Mar 70  
\*DERMATITIS HERPETIFORMIS, diagnosis/ \*FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ POTASSIUM IODIDE, diagnostic use/ STAINS AND STAINING
5591. Salomon CD, Volpin G: Fine structure of bone resorption in experimental osteoporosis caused by calcium deficient diet in rats. An electron microscopic study of compact bone.  
*Calcif Tissue Res Suppl* 80-2, 1970  
ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ \*BONE RESORPTION, chemically induced/ CALCIUM, analysis/ CALCIUM, DIETARY, metabolism/ CYTOPLASM, analysis/ ENDOPLASMIC RETICULUM, cytology/ ENZYMES, biosynthesis/ HISTOCYTOCHEMISTRY/ HYPERTROPHY/ LYSOSOMES/ METATARSUS, metabolism/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, cytology/ MITOCHONDRIAL SWELLING/ OSTEOCYTES, cytology/ \*OSTEOPOROSIS, metabolism/ PEPTIDE HYDROLASES, analysis/ PROTEINS/ RATS
5592. Salomon Y, Schramm M: A specific binding site for 3',5' cyclic AMP in rat parotid microsomes.  
*Biochem Biophys Res Commun* 38:106-11, 6 Jan 70  
\*ADENINE NUCLEOTIDES, metabolism/
- ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ BUTYRATES/ ENZYME INDUCTION/ MEMBRANES/ \*MICROSOMES, metabolism/ NUCLEOTIDES/ PAROTID GLAND, cytology/ \*PAROTID GLAND, metabolism/ PAROTID GLAND, secretion/ PHOSPHOLIPASE/ RATS/ TRITIUM/ TRYPSIN
5593. Salonen IS: Rupture of liver caused by explosive charge. *Ann Chir Gynaec Fenn* 58:249-51, 1969  
ADOLESCENCE/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ \*BLAST INJURY/ CASE REPORT/ CREATININE, blood/ \*EXPLOSIONS/ HUMAN/ \*LIVER, injuries/ MALE/ PROTHROMBIN, analysis/ RUPTURE, etiology/ SPECIFIC GRAVITY/ URINE
5594. Salter RH, Read AE: Epsilon-aminocaproic acid therapy in ulcerative colitis. *Gut* 11:585-7, Jul 70  
ADOLESCENCE/ ADULT/ AGED/ AMINOCAPROIC ACID, adverse effects/ \*AMINOCAPROIC ACID, therapeutic use/ COLITIS, ULCERATIVE, blood/ COLITIS, ULCERATIVE, complications/ \*COLITIS, ULCERATIVE, drug therapy/ FEMALE/ FIBRINOLYSIS/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ SERUM GLOBULINS/ VOMITING, chemically induced
5595. Salvadio E, Pannacchiulli I, Tizianello A, et al: Glucose-6-phosphate dehydrogenase deficiency 1 Italy. A study of the distribution and severity of the enzymatic defect. *Acta Haemat (Basel)* 41:331-40, 1968  
BLOOD PLATELETS, enzymology/ ENZYME TESTS/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ \*GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, occurrence/ GLUTATHIONE REDUCTASE, analysis/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ ITALY/ LEUKOCYTES, enzymology/ MALE/ METHEMOGLOBIN, analysis/ OXIDOREDUCTASES, analysis/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ RACIAL STOCKS
5596. Salzer G: Die Chirurgie der malignen Lungengeschwülste. *Chirurg* 41:289-93, Jul 70 (Ge)  
\*CARCINOMA, surgery/ \*HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ LUNG NEOPLASMS, etiology/ LUNG NEOPLASMS, radiography/ \*LUNG NEOPLASMS, surgery/ PNEUMONECTOMY/ PROGNOSIS/ \*SARCOMA, surgery
5597. Salzman EW, Ashford TP, Chambers DA, et al: Platelet volume: effect of temperature and agents affecting platelet aggregation.  
*Amer J Physiol* 217:1330-8, Nov 69  
ADENINE NUCLEOTIDES, pharmacodynamics/ ASPIRIN, pharmacodynamics/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ COMPUTERS/ EPINEPHRINE, pharmacodynamics/ HUMAN/ METHODS/ MODELS, BIOLOGIC/ NOREPINEPHRINE, pharmacodynamics/ OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SUCROSE, pharmacodynamics/ \*TEMPERATURE
5598. Salzman EW, Ashford TP, Chambers DA, et al: Platelet incorporation of labelled adenosine and adenosine diphosphate.  
*Thromb Diath Haemorrh* 22:304-15, 15 Nov  
\*ADENINE NUCLEOTIDES, blood/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ HUMAN/ MICROSCOPY, ELECTRON/ \*NUCLEOSIDES, blood/ PHOSPHORUS ISOTOPES/ PLATELET ADHESIVENESS/ RADIOAUTOGRAPHY/ \*RADIOISOTOPES
5599. Salzman EW, Neri LL: Cyclic 3',5'-adenosine monophosphate in human blood platelets.



# AUTHOR SECTION

- Nature (London) 224:609-10, 8 Nov 69  
 \*ADENINE NUCLEOTIDES, blood/  
 ADENOSINE CYCLIC 3',5'-PHOSPHATE, blood/  
 BLOOD COAGULATION/ \*BLOOD  
 PLATELETS, analysis/ METHODS
5600. Samama M, Soria J, Soria C, et al: Dysfibrinogénémie congénitale et familiale sans tendance hémorragique. Nouv Rev Franc Hemat 9:817-32, Nov-Dec 69 (Fre)  
 AFIBRINOGENEMIA, blood/  
 AFIBRINOGENEMIA, familial & genetic/  
 \*BLOOD COAGULATION DISORDERS/ BLOOD  
 COAGULATION TESTS/ CALCIUM, diagnostic  
 use/ CHILD/ CHROMATOGRAPHY,  
 DEAE-CELLULOSE/ ENGLISH ABSTRACT/  
 FACTOR V, analysis/ FACTOR VII, analysis/  
 FACTOR X, analysis/ FACTOR XIII, analysis/  
 FEMALE/ \*FIBRINOGEN, analysis/ HUMAN/  
 HYDROGEN-ION CONCENTRATION/ MALE/  
 MICROSCOPY, ELECTRON/ MIDDLE AGE/  
 PROTHROMBIN, analysis/ PROTHROMBIN  
 TIME/ THROMBIN, analysis/ \*THROMBIN,  
 metabolism/ ULTRAVIOLET RAYS
5601. Samloff IM: Slow moving protease and the seven pepsinogens. Electrophoretic demonstration of the existence of eight proteolytic fractions in human gastric mucosa. Gastroenterology 57:659-69, Dec 69  
 DUODENUM, enzymology/ \*ENZYME  
 PRECURSORS, classification/ \*GASTRIC  
 MUCOSA, enzymology/ GEL FILTRATION/  
 HUMAN/ JEJUNUM, enzymology/ PEPsin/  
 \*PEPTIDE HYDROLASES, classification
5602. Samohýl J, Chvapil M, Michálek V: Omezení srůstu poraněné šlachy implantací kolagenní membrány. Acta Chir Orthop Traum Cech 36:352-7, Dec 69 (Cze)  
 \*ADHESIONS, prevention & control/ ANIMAL  
 EXPERIMENTS/ CATTLE/ COLLAGEN/  
 ENGLISH ABSTRACT/ GUINEA PIGS/  
 MEMBRANES/ METHODS/ POSTOPERATIVE  
 COMPLICATIONS, prevention & control/  
 \*TENDON INJURY, surgery
5603. San Clemente CL: Serologic and clinical reaction in cows to staphylococcal antigens. Amer J Vet Res 31:643-51, Apr 70  
 ANIMAL EXPERIMENTS/  
 ANTIGEN-ANTIBODY REACTIONS/  
 \*ANTIGENS/ ANTIGENS, analysis/ BLOOD,  
 microbiology/ \*CATTLE, immunology/  
 COAGULASE, administration & dosage/  
 COAGULASE, analysis/ \*COAGULASE,  
 pharmacodynamics/ INJECTIONS/  
 INJECTIONS, SUBCUTANEOUS/ LIPASE,  
 administration & dosage/ LIPASE, analysis/  
 \*LIPASE, pharmacodynamics/ MICE/ \*MILK,  
 microbiology/ PLACEBOS/ RABBITS/  
 STAPHYLOCOCCAL VACCINES, administration  
 & dosage/ \*STAPHYLOCOCCUS, immunology/  
 UDDER
5604. Sancewicz-Pach K: Zespół hemoltyczno-uremiczny. Przegl Lek 25:509-11, 1969 (19 ref.) (Pol)  
 ADOLESCENCE/ ADULT/ \*ANEMIA,  
 HEMOLYTIC, complications/ CHILD/ CHILD,  
 PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/  
 HYPERBILIRUBINEMIA, complications/  
 INFANT/ INFANT, NEWBORN/ \*KIDNEY  
 FAILURE, ACUTE, etiology/ NEUROLOGIC  
 MANIFESTATIONS, complications/ REVIEW/  
 \*THROMBOPENIA, complications
5605. Sánchez-Fayos J: Actitud terapéutica ante el síndrome de desfibrinación aguda. Rev Clin Esp 111:323-8, 15 Nov 68 (Spa)  
 ACUTE DISEASE/ AFIBRINOGENEMIA,  
 complications/ AFIBRINOGENEMIA,  
 metabolism/ \*AFIBRINOGENEMIA, therapy/  
 HEMORRHAGE/ HUMAN/ PLASMINOGEN,  
 therapeutic use
5606. Sánchez-Fayos J: Immundepressive Substanzen in der Hämatologie. Munchen Med Wschr 112:530-6, 20 Mar 70 (Ger)  
 ADOLESCENCE/ ADULT/ AGED/  
 AGRANULOCYTOSIS, drug therapy/ ANEMIA,  
 HEMOLYTIC, AUTOIMMUNE, drug therapy/  
 AZATHIOPRINE, therapeutic use/ CHILD/  
 CHILD, PRESCHOOL/ CORTICOTROPIN,  
 therapeutic use/ FEMALE/ \*HEMATOLOGIC  
 DISEASES, drug therapy/ HUMAN/  
 \*IMMUNOSUPPRESSIVE AGENTS, therapeutic  
 use/ INFANT/ INFANT, NEWBORN/ MALE/  
 MERCAPTOPURINE, therapeutic use/ MIDDLE  
 AGE/ PREDNISONE, therapeutic use/  
 PURPURA, THROMBOPENIC, drug therapy/  
 PURPURA, THROMBOPENIC, surgery/  
 SPLENECTOMY/ THROMBOPENIA, drug  
 therapy
5607. Sanchez-Fayos J, Outeirino J, Serrano J, et al: Gli immunodepressori in ematologia. Minerva Med 61:3082-98, 11 Jul 70 (Ita)  
 ADOLESCENCE/ ADRENAL CORTEX  
 HORMONES, therapeutic use/ ADULT/  
 \*AGRANULOCYTOSIS, drug therapy/  
 \*ANEMIA, HEMOLYTIC, ACQUIRED, drug  
 therapy/ \*ANEMIA, HEMOLYTIC,  
 AUTOIMMUNE, drug therapy/  
 AZATHIOPRINE, therapeutic use/ CHILD/  
 CHILD, PRESCHOOL/ CORTICOTROPIN,  
 therapeutic use/ FEMALE/ HUMAN/  
 \*IMMUNOSUPPRESSIVE AGENTS, therapeutic  
 use/ INFANT/ MALE/ MERCAPTOPURINE,  
 therapeutic use/ MIDDLE AGE/ PREDNISONE,  
 therapeutic use/ \*PURPURA,  
 THROMBOPENIC, drug therapy/  
 SPLENECTOMY/ \*THROMBOPENIA, drug  
 therapy
5608. Sanchez-Fayos J, Outeirino J, Serrano J, et al: Les immunodépresseurs en hématologie. Cah Med 11:433-43, 15 May 70 (Fre)  
 ADOLESCENCE/ ADULT/ AGED/  
 AGRANULOCYTOSIS, drug therapy/ ANEMIA,  
 HEMOLYTIC, AUTOIMMUNE, drug therapy/  
 CHILD/ CHILD, PRESCHOOL/ FEMALE/  
 \*HEMATOLOGIC DISEASES, drug therapy/  
 HUMAN/ \*IMMUNOSUPPRESSIVE AGENTS,  
 therapeutic use/ INFANT/ MALE/ MIDDLE  
 AGE/ PURPURA, THROMBOPENIC, drug  
 therapy
5609. Sanchez Yus E, Gomez Orbaneja J: Aspectos histopatológicos de los angiomatos cutáneos. Actas Dermosif (Madrid) 60:153-70, May-Jun 69 (Spa)  
 ANGIOKERATOMA, pathology/ DERMATITIS,  
 pathology/ DIAGNOSIS, DIFFERENTIAL/  
 HEMANGIOMA, diagnosis/ \*HEMANGIOMA,  
 pathology/ HUMAN/ PIGMENTATION  
 DISORDERS, pathology/ PURPURA, pathology/  
 SKIN NEOPLASMS, diagnosis/ \*SKIN  
 NEOPLASMS, pathology
5610. Sandberg AA, Hossfeld DK: Chromosomal abnormalities in human neoplasia. Ann Rev Med 21:379-408, 1970 (336 ref.)  
 BLOOD PLATELET DISORDERS, familial &  
 genetic/ BONE MARROW, cytology/  
 CHROMOSOME ABERRATIONS/  
 \*CHROMOSOME ABNORMALITIES/  
 ERYTHREMIC MYELOSIS, familial & genetic/  
 FANCONI SYNDROME, familial & genetic/  
 HUMAN/ KARYOTYPING/ LEUKEMIA,  
 familial & genetic/ LEUKEMIA,  
 LYMPHOBLASTIC, familial & genetic/  
 LEUKEMIA, LYMPHOCYTIC, familial &  
 genetic/ LEUKEMIA, MYELOBLASTIC, familial  
 & genetic/ LEUKEMIA, MYELOCYTIC,  
 familial & genetic/ LYMPHOMA, familial &  
 genetic/ MACROGLOBULINEMIA, familial &  
 genetic/ MONGOLISM, familial & genetic/  
 MULTIPLE MYELOMA, familial & genetic/  
 MYELOID METAPLASIA, familial & genetic/  
 \*NEOPLASMS, familial & genetic/  
 POLYCYTHEMIA VERA, familial & genetic/  
 REVIEW
5611. Sanders FK, Smith JD: Effect of collagen and acid polysaccharides on the growth of BHK-21 cells in semi-solid media. Nature (London) 227:513-5, 1 Aug 70  
 ANIMAL EXPERIMENTS/ CELL LINE/ \*CELL  
 TRANSFORMATION, NEOPLASTIC, drug  
 effects/ CHONDROITIN, pharmacodynamics/  
 \*CLONE CELLS, growth & development/  
 \*COLLAGEN, pharmacodynamics/  
 DEPRESSION, CHEMICAL/ DEXTRAN,  
 pharmacodynamics/ HAMSTERS/ HEPARIN,  
 pharmacodynamics/ IN VITRO/ KIDNEY/



# AUTHOR SECTION

- MUCOPROTEINS, pharmacodynamics/  
POLYOMA VIRUS/ \*POLYSACCHARIDES,  
pharmacodynamics/ \*TISSUE CULTURE
5612. Sanders MM, Walsh KA, Arnon R: Immunological cross-reaction between trypsin and chymotrypsin as a guide to structural homology.  
Biochemistry (Wash) 9:2356-63, 26 May 70  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ AMMONIUM COMPOUNDS/  
\*ANTIGEN-ANTIBODY REACTIONS/ CATTLE/  
\*CHYMOTRYPSIN/ CROSS REACTIONS/ GEL  
FILTRATION/ IMMUNE SERUMS/ METHODS/  
MODELS, STRUCTURAL/ PEPTIDES, isolation  
& purification/ PRECIPITATION/ PROLINE/  
\*TRYPSIN
5613. Sandritter W: Pathophysiologische Grundlagen der Prophylaxe und Therapie der Lungenembolie.  
Langenbecks Arch Chir 325:1043-52, 1969 (Ger)  
AGE FACTORS/ AGED/ ANTICOAGULANTS,  
therapeutic use/ BLOOD CIRCULATION/  
BLOOD COAGULATION/ BLOOD PLATELETS/  
ENGLISH ABSTRACT/ FEMALE/ FIBRIN/  
FIBRINOGEN/ GERMANY, WEST/ HUMAN/  
MALE/ MICROSCOPY, ELECTRON/ MIDDLE  
AGE/ \*PULMONARY EMBOLISM/  
PULMONARY EMBOLISM, drug therapy/  
PULMONARY EMBOLISM, occurrence/  
PULMONARY EMBOLISM, pathology/  
PULMONARY EMBOLISM, physiopathology/  
PULMONARY EMBOLISM, prevention &  
control/ SEX FACTORS
5614. Sandvik O: Enzyme-serological comparison of proteolytic enzymes produced by salmonella species and other enterobacteria.  
Acta Vet Scand 10:225-33, 1969  
IMMUNOELECTROPHORESIS/ PEPTIDE  
HYDROLASES, biosynthesis/ \*PEPTIDE  
HYDROLASES, metabolism/ RABBITS/  
SALMONELLA, classification/ \*SALMONELLA,  
enzymology
5615. Sani BP, Lam KW, Sanadi DR: A complex of mitochondrial factor A and a new factor involved in oxidative phosphorylation.  
Biochem Biophys Res Commun 39:444-9, 11 May 70  
ADENOSINE TRIPHOSPHATE, metabolism/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ELECTRON TRANSPORT/ ENERGY  
TRANSFER/ GEL DIFFUSION TESTS/  
IMMUNE SERUMS/ METABOLISM, drug  
effects/ \*MITOCHONDRIA, metabolism/ NAD,  
metabolism/ OLIGOMYCIN, pharmacodynamics/  
OXIDATIVE PHOSPHORYLATION/  
\*PHOSPHORUS, metabolism/ PROTAMINES/  
PROTEINS, isolation & purification/  
SUCCINATES, metabolism/ UREA
5616. Sanidad P, Miller HL: Small bowel submucosal haematoma: a conservative attitude.  
S Afr Med J 44:811-4, 11 Jul 70  
\*ABDOMINAL INJURIES/ BARIUM SULFATE/  
CHILD/ \*DUODENUM, injuries/ FOLLOW-UP  
STUDIES/ \*HEMATOMA/ HEMATOMA,  
radiography/ HUMAN/ INTESTINAL MUCOSA,  
radiography/ MALE
5617. Sano I: Simple peptides in brain.  
Int Rev Neurobiol 12:235-63, 1970 (155 ref.)  
AMINO ACIDS, metabolism/ ANIMAL  
EXPERIMENTS/ BRAIN, enzymology/ \*BRAIN,  
metabolism/ BRAIN CHEMISTRY/ CATS/  
CENTRAL NERVOUS SYSTEM, metabolism/  
PEPTIDE HYDROLASES, metabolism/  
PEPTIDES, analysis/ PEPTIDES, biosynthesis/  
\*PEPTIDES, metabolism/ PEPTIDES,  
physiology/ REVIEW
5618. Sano K: [5 year postoperative follow-up results of head injuries, with special reference to intracranial hematoma and depression fractures]  
J Jap Med Ass 62:431-4, 1 Sep 69 (Jap)  
ADOLESCENCE/ ADULT/ AGED/ \*CEREBRAL  
HEMORRHAGE/ CHILD/ EPILEPSY,  
TRAUMATIC, etiology/ FEMALE/  
FOLLOW-UP STUDIES/ \*HEMATOMA/  
HUMAN/ MALE/ MIDDLE AGE/
- POSTOPERATIVE CARE/ PROGNOSIS/ SEX  
FACTORS/ \*SKULL FRACTURES
5619. Santachiara AS, Nabholz M, Migliano V, et al: Genetic analysis with man-mouse somatic cell hybrids. Linkage between human lactate dehydrogenase B and peptidase B genes.  
Nature (London) 227:248-51, 18 Jul 70  
ALCOHOL OXIDOREDUCTASES, metabolism/  
AMINOHYDROLASES, metabolism/  
CHROMOSOME MAPPING/ \*CLONE CELLS,  
enzymology/ CYTOGENETICS/  
ELECTROPHORESIS, DISK/ FIBROBLASTS,  
enzymology/ \*GENES, STRUCTURAL/  
GENETICS, HUMAN/ GLUCOSEPHOSPHATE  
DEHYDROGENASE, metabolism/  
GLUCOSEPHOSPHATE ISOMERASE,  
metabolism/ HUMAN/ \*HYBRIDIZATION/  
ISOENZYMES, metabolism/ \*LACTATE  
DEHYDROGENASE, metabolism/ LINKAGE  
(GENETICS)/ MALATE DEHYDROGENASE,  
metabolism/ \*PEPTIDE HYDROLASES,  
metabolism/ PHOSPHOGLUCOMUTASE,  
metabolism
5620. Santachiara Benerecetti: Studies on African Pygmies. 3. Peptidase C polymorphism in Babinga Pygmies: a frequent erythrocytic enzyme deficiency.  
Amer J Hum Genet 22:228-31, Mar 70  
AFRICA, CENTRAL/ ALLELES/  
ELECTROPHORESIS/ \*ERYTHROCYTES,  
enzymology/ GENE FREQUENCY/ GENETICS,  
BIOCHEMICAL/ GENOTYPE/ HUMAN/  
\*NEGROID RACE/ \*PEPTIDE HYDROLASES,  
blood/ PHENOTYPE/ \*POLYMORPHISM  
(GENETICS)
5621. Santiago-Borrero PJ, Maldonado N, Horta E: Tropical sprue in children. J Pediatr 76:470-9, Mar 70  
ADOLESCENCE/ BLOOD PROTEINS, analysis/  
CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL,  
blood/ DIARRHEA, INFANTILE, etiology/  
FEMALE/ FOLIC ACID, therapeutic use/  
GAMMA GLOBULIN, analysis/ HUMAN/  
INTESTINAL ABSORPTION/ INTESTINAL  
MUCOSA, pathology/ JEJUNUM, pathology/  
MALE/ PROTHROMBIN TIME/ \*SPRUE,  
TROPICAL/ SPRUE, TROPICAL, blood/  
SPRUE, TROPICAL, drug therapy/ SPRUE,  
TROPICAL, immunology/ SPRUE, TROPICAL,  
pathology/ VITAMIN B 12, therapeutic use
5622. Santos F: Coagulação e hemostasia.  
Rev Brasil Anest 19:153-63, Apr-Jun 69 (Spa)  
ANTICOAGULANTS/ \*BLOOD COAGULATION/  
BLOOD COAGULATION DISORDERS,  
complications/ BLOOD COAGULATION  
FACTORS/ ENGLISH ABSTRACT/  
EXTRACORPOREAL CIRCULATION/  
FIBRINOLYSIS/ HEMORRHAGE, etiology/  
\*HEMOSTASIS/ HUMAN/ NOMENCLATURE/  
PHYSIOLOGY/ POSTOPERATIVE  
COMPLICATIONS, etiology
5623. Sanwal BD: Regulatory mechanisms involving nicotinamide adenine nucleotides as allosteric effectors. 3. Control of glucose 6-phosphate dehydrogenase. J Biol Chem 245:1626-31, 10 Apr 70  
ADENINE NUCLEOTIDES/ ALCOHOL  
OXIDOREDUCTASES/ AMINES/ BINDING  
SITES/ CELL-FREE SYSTEM/  
CHROMATOGRAPHY, ION EXCHANGE/  
COENZYME A/ CULTURE MEDIA/ ENZYME  
ACTIVATION/ \*ESCHERICHIA COLI,  
enzymology/ \*GLUCOSEPHOSPHATE  
DEHYDROGENASE/ GLUCOSEPHOSPHATE  
DEHYDROGENASE, antagonists & inhibitors/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
isolation & purification/ GUANINE  
NUCLEOTIDES/ KINETICS/ MAGNESIUM/  
METHODS/ \*NAD/ \*NADP/ PENTOSE,  
metabolism/ PRECIPITATION/ PROTAMINES/  
SULFATES/ VIBRATION
5624. Sanyal RK, Dave ML: Basic mechanism of hypersensitivity reactions.  
Indian J Physiol Pharmacol 13:191-221, Oct 69 (2 ref.)  
ANAPHYLAXIS/ ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/ ARTHUS



## AUTHOR SECTION

- PHENOMENON/ DERMATITIS, CONTACT/  
DOGS/ HISTAMINE LIBERATION/ HUMAN/  
\*HYPERSENSITIVITY/ HYPERSENSITIVITY,  
DELAYED/ HYPERSENSITIVITY,  
IMMEDIATE/ LEUKOCYTES/ MAST CELLS/  
MICE/ MUSCLE, SMOOTH/ PEPTIDE  
HYDROLASES/ RABBITS/ RATS/ REVIEW/  
SEROTONIN, metabolism/ TUBERCULIN TEST
5625. Sar A van der: The sudden rise in platelets and reticulocytes in sickle cell crises.  
Trop Geogr Med 22:30-40, Mar 70  
ADULT/ \*ANEMIA, SICKLE CELL, blood/  
AUTOPSY/ BLOOD CELL COUNT/ \*BLOOD  
PLATELETS/ BONE MARROW CELLS/  
ERYTHROCYTE COUNT/ FEMALE/ HUMAN/  
INFARCTION, blood/ MALE/ PULMONARY  
EMBOLISM, blood/ \*RETICULOCYTES/  
THROMBOPHLEBITIS, blood
5626. Sarkisian TG: Izmeneniia v sisteme svertyvaniia krovi pod vozeistviem kompleksa lechebnykh meropriliati. Zh Eksp Klin Med 9:69-73, 1969 (Rus)  
ANTICOAGULANTS, therapeutic use/  
ARTERIOSCLEROSIS, drug therapy/  
\*ARTERIOSCLEROSIS, therapy/ \*BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ DIET/ FEMALE/  
HUMAN/ LIPOTROPIC FACTORS, therapeutic use/ MALE/ VASODILATOR AGENTS,  
therapeutic use/ VITAMINS, therapeutic use
5627. Sarkisian TG: O nekotorykh sdvigakh v svertyvaiushchei sisteme krovi u bol'nykh ateroskleroticheskoi ishemicheskoi bolezni u serdtsa. Zh Eksp Klin Med 9:33-8, 1969 (Rus)  
\*BLOOD COAGULATION/ \*CORONARY  
DISEASE, blood/ HUMAN/ MYOCARDIAL  
INFARCT, blood
5628. Sas G, Pálos AL: A haemorrhagiás diathesisek diagnosztikája. II.  
Orv Hetil 111:123-30, 18 Jan 70 (103 ref.) (Hun)  
BLOOD COAGULATION DISORDERS,  
classification/ BLOOD COAGULATION TESTS/  
BLOOD PLATELET DISORDERS, diagnosis/  
DIAGNOSIS, DIFFERENTIAL/ FIBRINOLYSIS/  
\*HEMORRHAGIC DIATHESIS, diagnosis/  
HEMORRHAGIC DIATHESIS, etiology/  
HUMAN/ REVIEW/ THROMBOPENIA,  
diagnosis
5629. Sasaki Y: [Localization of fibrinolytic activity in the nasal mucosa and its physiological significance]  
Otolaryngology (Tokyo) 41:601-6, Aug 69 (Jap)  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
HISTOCYTOCHEMISTRY/ HUMAN/ \*NASAL  
MUCOSA, enzymology/ \*NASAL MUCOSA,  
physiology
5630. Sasarman A, Surdeanu M, Portelance V, et al: Vitamin K-deficient mutants of bacteria.  
Nature (London) 224:272, 18 Oct 69  
CHROMATOGRAPHY, THIN LAYER/  
CULTURE MEDIA/ \*MUTATION/  
\*STAPHYLOCOCCUS, growth & development/  
\*VITAMIN K DEFICIENCY
5631. Sashchikova VG: Gemangioma kostei.  
Vestn Khir Grekov 102:124, Jun 69 (Rus)  
ADULT/ \*BONE NEOPLASMS/ CASE  
REPORT/ FEMALE/ \*HEMANGIOMA/ HUMAN
5632. Sasmaz O, Petridis I, Alican F: Hematoma of the rectus abdominis muscle.  
Arch Surg (Chicago) 100:8-10, Jan 70  
\*ABDOMINAL INJURIES/ ABDOMINAL  
INJURIES, diagnosis/ ABDOMINAL INJURIES,  
etiology/ ABDOMINAL INJURIES, pathology/  
ABDOMINAL INJURIES, therapy/ COUGH,  
complications/ FEMALE/ \*HEMATOMA/  
HEMATOMA, diagnosis/ HEMATOMA, etiology/  
HEMATOMA, pathology/ HEMATOMA,  
therapy/ HUMAN/ MIDDLE AGE/ PROGNOSIS
5633. Sato T: [Unjustified use of nasal tampon]  
J Otolaryng Jap 72:326-7, 20 Feb 69 (Jap)  
\*HEMOSTASIS/ HEMOSTATICS/ HUMAN/  
IRRIGATION/ METHODS/ \*NOSE, surgery/  
POSTOPERATIVE CARE/ \*TAMPONS
5634. Sato T, Aoki N, Asada T: Preparation of plasminogen-free fibrinogen; starting from fibrinogen prepared by improved freezing thawing method.  
Jap J Exp Med 39:135-42, Apr 69  
BARIUM SULFATE/ CATTLE/ \*FIBRINOGEN,  
analysis/ FIBRINOLYSIS/ FREEZING/ GEL  
FILTRATION/ HEAT/ HUMAN/ METHODS/  
\*PLASMINOGEN, analysis/ THROMBIN,  
analysis
5635. Satoh Y: [On the purification of staphylokinase]  
Sapporo Med J 35:67-77, Jan-Feb 69 (Jap)  
CHROMATOGRAPHY/ COAGULASE, isolation  
& purification/ DEOXYRIBONUCLEASE,  
isolation & purification/ ENGLISH  
ABSTRACT/ GEL FILTRATION/  
HEMOLYSINS, isolation & purification/  
METHODS/ \*PHOSPHOTRANSFERASES,  
isolation & purification/ RABBITS/  
\*STAPHYLOCOCCUS, enzymology
5636. Satter P, Huth S, Schulte HD, et al: Untersuchungen zur Adhäsions-Phosphylaxe an Pleura und Perikard.  
Zbl Chir 95:1-10, 3 Jan 70 (Ger)  
ADHESIONS, pathology/ \*ADHESIONS,  
prevention & control/ ANIMAL  
EXPERIMENTS/ DOGS/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PERICARDIUM, pathology/  
\*PERICARDIUM, surgery/ PLEURA, pathology/  
\*PLEURA, surgery
5637. Sautière P, Moschetto Y, Dautrevaux M, et al: Structural analysis of the glycine-rich, arginine-rich histone from calf thymus: the tryptic peptides.  
Europ J Biochem 12:222-6, Feb 70  
AMINO ACID SEQUENCE/ \*AMINO ACIDS,  
analysis/ ARGININE/ BUFFERS/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/  
ELECTROPHORESIS/ GLYCINE/ \*HISTONES,  
analysis/ \*PEPTIDES, analysis/ THYMUS  
GLAND/ TRYPSIN
5638. Sautina VO: Otdalennye iskhody beremennosti i rodov u zhenshchin s bolezni u Ver'goda.  
Akush Ginek (Moskva) 45:36-9, Jun 69 (Rus)  
BLOOD CELL COUNT/ BLOOD  
COAGULATION/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MENSTRUATION DISORDERS, etiology/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/  
\*PURPURA, THROMBOPENIC/ PURPURA,  
THROMBOPENIC, blood/ TIME FACTORS
5639. Sautina VO: Sostoiianie detei, rodivshikhsia u materei s bolezni u Ver'gofa. Pediatria 48:86-90, Jul 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*INFANT, NEWBORN/ MALE/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/  
\*PURPURA, THROMBOPENIC
5640. Sautina VO: Morfologicheskaya kartina perifericheskoi krovi detei, rodivshikhsia ot materei s bolezni u ver'gofa. Probl Gemat 14:26-9, Feb 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/  
\*HEMATOPOIESIS/ \*HEMORRHAGIC  
DIATHESIS, blood/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES,  
blood/ PREGNANCY/ \*PURPURA,  
THROMBOPENIC
5641. Sautina VO: Beremennost' i rody pri bolezni ver'gofa (obzor literatury)  
Vop Okhr Materin Dets 14:66-9, Sep 69 (Rus)  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LABOR/ \*PREGNANCY COMPLICATIONS/  
\*PURPURA, THROMBOPENIC
5642. Sautreaux M, Comte P: Action de l'alphachymotrypsine sur les calculs urinaires.  
C R Acad Sci [D] (Paris) 270:2038-9, 20 Apr 70 (Fre)  
\*CHYMOTRYPSIN, pharmacodynamics/  
\*URINARY CALCULI
5643. Sauvageau R: Intoxication au warfarin.  
Canad Vet J 11:65-6, Mar 70 (Fre)  
\*DOG DISEASES, drug therapy/ DOGS/  
FEMALE/ \*PHYTONADIONE, therapeutic use/



# AUTHOR SECTION

- POISONING, drug therapy/ POISONING, veterinary/ \*WARFARIN, poisoning
5644. Savenkov IuI, Kliachko VR: O svertyvalushchei sisteme krovi pri pervichnom gipotireoze. Probl Endokr (Moskva) 15:15-8, Jul-Aug 89 (Rus)  
ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPARIN, analysis/ HUMAN/ \*HYPOTHYROIDISM, blood/ MIDDLE AGE/ PROTHROMBIN, analysis/ PROTHROMBIN TIME
5645. Savki BT, Golotenko NI: O bolezni Moshkovitsa. Ter Arkh 41:120-3, 1969 (Rus)  
CASE REPORT/ CHILD/ HUMAN/ MALE/ \*PURPURA, THROMBOTIC THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, immunology
5646. Savkiv BT, Korsunskaja SM: Endotelioma briushnogo otdela aorty, oslozhnivshalasia pankreonekrozom. Vrach Delo 6:131-3, Jun 68 (Rus)  
AGED/ AORTA, ABDOMINAL/ \*AORTIC DISEASES, complications/ CASE REPORT/ FEMALE/ \*HEMANGIOENDOTHELIOMA, complications/ HUMAN/ NECROSIS/ \*PANCREATIC DISEASES, etiology
5647. Savorelli M: Contributo alla conoscenza delle malconformazioni fetali di origine amniotica. Riv Ital Ginec 53:401-10, May 69 (Ita)  
\*ABNORMALITIES, etiology/ \*ADHESIONS/ \*AMNIOTIC FLUID/ ENGLISH ABSTRACT/ HUMAN/ \*PLACENTA/ PLACENTA DISORDERS, complications
5648. Sawa H, Lapis A, Grynder S: Poziom wapnia i potasu w surowicy krwi noworodkow z hiperbilirubinemią niekonfliktową leczonych transfuzją wymienną. Pediat Pol 45:799-805, Jul 70 (Pol)  
ACID-BASE EQUILIBRIUM/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PRESERVATION/ \*CALCIUM, blood/ ENGLISH ABSTRACT/ \*EXCHANGE TRANSFUSION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ \*HYPERBILIRUBINEMIA, blood/ \*HYPERBILIRUBINEMIA, therapy/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ METHODS/ \*POTASSIUM, blood/ PREGNANCY/ TIME FACTORS
5649. Sawaryn A: Naturalne inhibitory enzymów proteolitycznych. Postepy Hig Med Dosw 23:787-804, 1969 (103 ref.) (Pol)  
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ ASCARIS, analysis/ CATTLE/ CEREALS/ EGGS/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ LYSINE, analysis/ MECONIUM/ MICE/ PANCREAS, enzymology/ \*PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANTS/ REVIEW/ SEMINAL VESICLES/ \*TRYPSIN INHIBITORS
5650. Saword AC: Rodent and bird pests. The duties and experience of a local authority. Roy Soc Health J 90:134-8 passim, May-Jun 70  
\*BIRDS/ GREAT BRITAIN/ \*MUNICIPAL GOVERNMENT/ PUBLIC HEALTH ADMINISTRATION/ \*RODENT CONTROL/ WARFARIN
5651. Saxena KC, Saxena RP, Krishna Murti CR: Hydrolysis of peptides containing D-amino acids by rabbit tissues. Indian J Biochem 6:226-7, Dec 69  
\*AMINO ACIDS, metabolism/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COBALT, pharmacodynamics/ IN VITRO/ INTESTINES, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ MALE/ PEPTIDE HYDROLASES, isolation & purification/ \*PEPTIDE HYDROLASES, metabolism/ \*PEPTIDES, metabolism/ RABBITS
5652. Saxena KN, Hazra DK, Seth HC, et al: Thrombocytopenic purpura following Mantoux test. Indian J Med Sci 24:79-81, Feb 70
- ADOLESCENCE/ FEMALE/ HUMAN/ \*PURPURA, THROMBOPENIC, etiology/ \*TUBERCULIN TEST, adverse effects
5653. Saxena RC, Garg KC, Ramchand S: Acquired band of adhesion between tarsal conjunctivae. J All India Ophthal Soc 17:160-2, Aug 69  
ADHESIONS, etiology/ \*ADHESIONS, pathology/ CHILD, PRESCHOOL/ \*CONJUNCTIVA/ CONJUNCTIVITIS, complications/ HUMAN/ MALE
5654. Say B, Ozsoylu S, Berkel I: Geophagia associated with iron-deficiency anemia, hepatosplenomegaly, hypogonadism and dwarfism. A syndrome probably associated with zinc deficiency. Clin Pediat (Phila) 8:661-8, Nov 69  
ADOLESCENCE/ AGE FACTORS/ \*ANEMIA, HYPOCHROMIC, complications/ \*APPETITE DISORDERS, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ COPPER, blood/ \*DEFICIENCY DISEASES, complications/ \*DWARFISM, complications/ \*FEEDING BEHAVIOR/ FEMALE/ FOLIC ACID, blood/ HEMOGLOBIN, analysis/ \*HEPATOMEGALY, complications/ HUMAN/ \*HYPOGONADISM, complications/ MALE/ PICA, complications/ SEX FACTORS/ SOIL/ \*SPLENOMEGALY, complications/ TURKEY/ \*ZINC
5655. Schacham P, Philip RB, Gowdey CW: Antihematopoietic and carcinogenic effects of bracken fern (Pteridium aquilinum) in rats. Amer J Vet Res 31:191-7, Jan 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ \*CARCINOGENS/ ERYTHROCYTE COUNT/ \*HEMATOPOIETIC SYSTEM, drug effects/ INTESTINAL POLYPS, chemically induced/ LEUKOCYTE COUNT/ MALE/ \*PLANT POISONING, veterinary/ \*PTERINS, toxicity/ RATS/ THIAMINE, pharmacodynamics
5656. Schachner SH, Kirschner LP, Roll WE: Anticoagulant induced intramural hematoma of the small intestine. Virginia Med Monthly 96:717-9, Dec 69  
AGED/ \*ANTICOAGULANTS, adverse effects/ CEREBROVASCULAR DISORDERS, drug therapy/ FEMALE/ \*HEMATOMA, chemically induced/ HUMAN/ \*ILEUM/ \*INTESTINAL OBSTRUCTION, chemically induced
5657. Schachtele CF, Anderson DL, Rogers P: Isolation of a rapidly-sedimenting canavanil-protein-DNA-membrane complex from Escherichia coli. J Molec Biol 49:255-61, 14 Apr 70  
\*BACTERIAL PROTEINS, isolation & purification/ \*CANAVANINE, isolation & purification/ \*CELL MEMBRANE, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ DETERGENTS/ \*DNA, BACTERIAL, isolation & purification/ \*ESCHERICHIA COLI, analysis/ MICROSCOPY, ELECTRON/ MUTATION/ PEPTIDE HYDROLASES/ PROTEIN BINDING/ SULFATES
5658. Schäfer W, Szántó J: Studies on Mouse Leukemia Viruses. II. Nachweis eines virusspezifischen Hämagglutinins. Z Naturforsch [B] 24:1324-31, Oct 69 (Ger)  
\*ANTIGENS, analysis/ \*FRIEND VIRUS/ HEMAGGLUTINATION/ HEMAGGLUTININS, VIRAL, analysis/ HYDROGEN-ION CONCENTRATION/ NEURAMINIDASE/ PEPTIDE HYDROLASES/ PHOSPHOLIPASE/ \*RAUSCHER VIRUS
5659. Schaffner F, Raisfeld IH: Drugs and the liver: a review of metabolism and adverse reactions. Advances Intern Med 15:221-51, 1969 (99 ref.)  
CHOLESTASIS, chemically induced/ \*DRUGS, adverse effects/ \*DRUGS, metabolism/ FATT LIVER, chemically induced/ GRANULOMA, chemically induced/ HEMORRHAGIC DIATHESIS, chemically induced/ HEPATITIS, TOXIC/ HUMAN/ \*LIVER, metabolism/ \*LIVER DISEASES, chemically induced/



## AUTHOR SECTION

LIVER DISEASES, diagnosis/ LIVER DISEASES, therapy/ REVIEW/ TETRACYCLINE, adverse effects

5660. Schaffzin EA, Brighton CT: The site of action of oxygen toxicity during in vitro epiphyseal plate growth. Surg Forum 20:465-7, 1969

AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BINDING SITES/ CHLOROQUINE, pharmacodynamics/ EPIPHYSES, drug effects/ \*EPIPHYSES, growth & development/ \*LYSOSOMES, drug effects/ MALE/ OXYGEN, antagonists & inhibitors/ \*OXYGEN, toxicity/ RATS/ TISSUE CULTURE/ VITAMIN A, antagonists & inhibitors/ \*VITAMIN A, toxicity

5661. Schanker LS: Flow of environmental agents in reaching their site of action. Environ Res 2:331-9, Oct 69

ANIMAL EXPERIMENTS/ \*BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, physiology/ CELL MEMBRANE PERMEABILITY/ CENTRAL NERVOUS SYSTEM, physiology/ DIFFUSION/ DOGS/ ELECTROLYTES, metabolism/ \*ENVIRONMENT/ ENVIRONMENTAL EXPOSURE/ ERYTHROCYTES, physiology/ INTESTINAL ABSORPTION/ KIDNEY, physiology/ LIVER, physiology/ \*MEMBRANES, physiology/ \*PERMEABILITY/ RESPIRATORY SYSTEM, physiology/ SKIN ABSORPTION

5662. Scharfman WB, Amarose AP, Propp S: Primary erythrocytosis of childhood. JAMA 210:2274-6, 22 Dec 69

BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ CHILD/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ KARYOTYPING/ LEUKOCYTOSIS, complications/ MALE/ POLYCYTHEMIA, blood/ \*POLYCYTHEMIA, familial & genetic/ POLYPLOIDY/ SPLENOMEGALY, complications/ THROMBOCYTOSIS

5663. Scharrer I, Schepping M, Breddin K: Thromboseprophylaxe mit Aspirin? Der Einfluss von Acetylsalicylsäure auf die Thrombozytenaggregation in vitro und in vivo. Klin Wschr 47:1318-24, 15 Dec 69 (Ger)

ASPIRIN, adverse effects/ ASPIRIN, pharmacodynamics/ \*ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ PAPAVERINE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ SALICYLIC ACID, pharmacodynamics/ THROMBOSIS, drug therapy/ \*THROMBOSIS, prevention & control

5664. Schaudig A: Gurtartige Bronchial- und Lungengeschwülste. Chirurg 41:294-301, Jul 70 (Ger)

ADENOMA, classification/ ADULT/ \*BRONCHIAL NEOPLASMS, classification/ CARCINOMA, classification/ CHONDROMA, classification/ FEMALE/ FIBROMA, classification/ HAMARTOMA, classification/ HEMANGIOMA, classification/ HISTIOCYTOMA, classification/ HUMAN/ LEIOMYOMA, classification/ LIPOMA, classification/ \*LUNG NEOPLASMS, classification/ LYMPHOSARCOMA, classification/ MALE/ MIDDLE AGE/ NEURILEMMOMA, classification/ OSTEOOMA, classification/ PARANGLIOMA, classification/ NONCHROMAFFIN, classification/ PLASMACYTOMA, classification/ TERATOID TUMOR, classification

5665. Schaumann W, Juhra W, Dietmann K: Antagonismus der Kreislaufwirkungen von Adenosin durch Theophyllin. Arzneimittelforschung 20:372-7, Mar 70 (Ger)

ADENINE NUCLEOTIDES, antagonists & inhibitors/ \*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ \*AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/

ARTERIES/ \*BLOOD CIRCULATION, drug effects/ BLOOD PLATELETS, drug effects/ \*BLOOD PRESSURE, drug effects/ BRADYCARDIA, prevention & control/ \*CAFFEINE, pharmacodynamics/ \*CELL AGGREGATION, drug effects/ COMPARATIVE STUDY/ CORONARY VESSELS/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ GUINEA PIGS/ HEART ARREST, prevention & control/ \*HEART RATE, drug effects/ IN VITRO/ \*NUCLEOSIDES, antagonists & inhibitors/ NUCLEOSIDES, pharmacodynamics/ RABBITS/ RATS/ \*REGIONAL BLOOD FLOW, drug effects/ STIMULATION, CHEMICAL/ \*THEOPHYLLINE, pharmacodynamics/ VASODILATOR AGENTS, antagonists & inhibitors

5666. Scheibel LW, Miller J: Cytochrome oxidase activity in platelet-free preparations of Plasmodium knowlesi. J Parasit 55:825-9, Aug 69

ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ \*CYTOCHROME OXIDASE, analysis/ MALARIA, blood/ MONKEYS/ \*PLASMODIUM, enzymology

5667. Schellfarth F, Warnatz H: Langzeitbehandlung von Immunopathien unter besonderer Berücksichtigung immunsuppressiver Medikamente. Deutsch Med Wschr 94:2444-9, 21 Nov 69 (99 ref.) (Ger)

ALKYLATING AGENTS, therapeutic use/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANTIBIOTICS, therapeutic use/ ANTIMETABOLITES, therapeutic use/ ARTHRITIS, RHEUMATOID, drug therapy/ \*AUTOIMMUNE DISEASES, drug therapy/ AZATHIOPRINE, therapeutic use/ COLITIS, ULCERATIVE, drug therapy/ CORTICOTROPIN, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ \*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER CIRRHOSIS, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ METHOTREXATE, therapeutic use/ NEPHRITIS, drug therapy/ REVIEW/ THROMBOPENIA, drug therapy/ TIME FACTORS

5668. Scheinin TM, Inberg MV, Vapaavuori M, et al: Pulmonary embolectomy in acute and recurrent massive embolism. Scand J Thorac Cardiovasc Surg 3:125-33, 1969

ADULT/ ANGIOGRAPHY/ AUTOPSY/ DYSPNEA/ ELECTROCARDIOGRAPHY/ FEMALE/ FRACTURES, complications/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY ARTERY, pathology/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ \*PULMONARY EMBOLISM, surgery/ RADIOISOTOPE SCANNING/ THORACIC RADIOGRAPHY

5669. Schnellner HP: Blutsenkungsreaktion und Hämatokrit von Hühnerblut mit verschiedenen Antikoagulantien. Berlin Munchen Tierärztl Wschr 82:233-6, 15 Jun 69 (Ger)

\*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD SEDIMENTATION, veterinary/ \*CHICKENS/ CITRATES, pharmacodynamics/ ENGLISH ABSTRACT/ \*HEMATOCRIT, veterinary/ HEPARIN, pharmacodynamics/ POULTRY DISEASES, blood

5670. Schettler D, Koberg W: Zur Kenntnis und Problematik des Patau-Syndroms. Deutsch Zahnärztl Z 24:966-70, 1969 (Ger)

\*ABNORMALITIES, MULTIPLE/ \*CLEFT PALATE/ ENGLISH ABSTRACT/ HEMANGIOMA/ HUMAN/ INFANT, NEWBORN/ MENTAL RETARDATION/ \*TRISOMY

5671. Schettler G: Differenziazione e terapia medicamentosa delle lipemie. Clin Ter 44:513-32, 30 Jun 68 (Ita)

ANTICHOLESTEREMIC AGENTS, therapeutic



# AUTHOR SECTION

- use/ ARTERIOSCLEROSIS, etiology/ BLOOD PLATELET DISORDERS, etiology/ CARBOHYDRATES, metabolism/ DIAGNOSIS, DIFFERENTIAL/ DIET THERAPY/ \*HYPERCHOLESTEREMIA, diagnosis/ \*HYPERLIPEMIA, diagnosis/ HYPERLIPEMIA, therapy/ \*HYPERLIPEMIA, ESSENTIAL FAMILIAL, diagnosis/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, therapy/ LIPIDS, analysis/ PHENYLACETATES, therapeutic use/ PROSTAGLANDINS, therapeutic use/ THROMBOSIS, etiology/ THYROXINE, therapeutic use/ TRIGLYCERIDES, blood/ TRIPARANOL, therapeutic use
5672. Schiatti E, Ulian S: Patologia venosa in puerperio. Minerva Ginec 21:23-34, 15 Jan 69 (Ita)  
ARM, blood supply/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ FEMALE/ HUMAN/ LEG, blood supply/ PREGNANCY/ \*PUERPERAL DISORDERS/ THROMBELASTOGRAPHY/ \*VARICOSE VEINS
5673. Schicke R, Seitz D: Spinales epidurales Hämatom unter Antikoagulantientherapie. Deutsch Med Wschr 95:275-7, 6 Feb 70 (Ger)  
\*BISHYDROXYCOUMARIN, adverse effects/ ENGLISH ABSTRACT/ \*HEMATOMA, EPIDURAL, chemically induced/ HEMATOMA, EPIDURAL, surgery/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ PROGNOSIS/ THORACIC VERTEBRAE
5674. Schieferstein G: Zur Strahlentherapie der Hämangiome. Z Haut Geschlechtskr 45:483-94, 15 Jun 70 (Ger)  
ABDOMINAL NEOPLASMS, radiotherapy/ ARM/ BACK/ CHILD/ FEMALE/ FOLLOW-UP STUDIES/ GERMANY, WEST/ HEAD/ HEMANGIOMA, occurrence/ \*HEMANGIOMA, radiotherapy/ HEMANGIOMA, CAVERNOUS, radiotherapy/ HUMAN/ INFANT/ LEG/ LUMBOSACRAL REGION/ MALE/ METHODS/ NECK NEOPLASMS, radiotherapy/ STATISTICS/ THORACIC NEOPLASMS, radiotherapy/ TIME FACTORS
5675. Schier J: Zur Bedeutung der Plasmakinnine beim Ileus. Langenbecks Arch Chir 325:340-3, 1969 (Ger)  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ INTESTINAL OBSTRUCTION, drug therapy/ \*INTESTINAL OBSTRUCTION, enzymology/ \*KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ TIME FACTORS
5676. Schiff P: The preparation and properties of a prothrombin complex (PPSB). Med J Aust 2:1001-5, 15 Nov 69  
ADULT/ BLOOD COAGULATION FACTORS, administration & dosage/ \*BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, therapeutic use/ CHRISTMAS DISEASE, drug therapy/ FACTOR VII, administration & dosage/ FACTOR IX, administration & dosage/ FACTOR X, administration & dosage/ FEMALE/ HUMAN/ HYPOPROCONVERTINEMIA, drug therapy/ HYPOPROTHROMBINEMIAS, drug therapy/ MALE/ METHODS/ PROTHROMBIN, administration & dosage
5677. Schiff R, Krieg RJ, Hunter RL: Localization by peroxidase-labeled antibodies of bovine chymotrypsinogen. J Histochem Cytochem 18:195-200, Mar 70  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ CATTLE/ \*CHYMOTRYPSIN/ CROSS REACTIONS/ CYTOPLASM/ \*ENZYME PRECURSORS, biosynthesis/ GEL DIFFUSION TESTS/ HISTOCYTOCHEMISTRY/ ISLANDS OF LANGERHANS, enzymology/ PANCREAS, cytology/ \*PANCREAS, enzymology/ \*PEROXIDASES/ RABBITS/ TRYPSIN/ TRYPSINOGEN
5678. Schiffer MA, Hellman LM: Rectus muscle hematoma as a complication of gynecologic and obstetric procedures. Obstet Gynec 35:231-4, Feb 70  
\*ABDOMINAL WALL/ ADULT/ \*CESAREAN SECTION, adverse effects/ \*DELIVERY, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, diagnosis/ \*HEMATOMA, etiology/ HEMATOMA, therapy/ HUMAN/ \*HYSTERECTOMY, adverse effects/ PREGNANCY
5679. Schille E, Strauss D, Wegner H: Die Auswirkung des Kallumgehaltes in Blutkonserven auf den Empfängerorganismus. Z Ges Inn Med 24:857-60, 1 Dec 69 (Ger)  
\*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE/ HUMAN/ HYPERKALEMIA, etiology/ HYPERKALEMIA, prevention & control/ \*POTASSIUM, blood/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE
5680. Schima E: Darmansastomosendeilenz durch Intrapertitoneal Trasylolgabe. Langenbecks Arch Chir 325:336-40, 1969 (Ger)  
ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ \*COLON, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*ILEUM, surgery/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ \*KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ MIDDLE AGE/ PERITONEUM, drug effects/ PERITONITIS, etiology/ PERITONITIS, mortality/ RATS/ \*SURGICAL WOUND DEHISCENCE, chemically induced/ SURGICAL WOUND DEHISCENCE, prevention & control
5681. Schimpf K: Thrombolysetherapie. Deutsch Med Wschr 94:2292-4, 31 Oct 69 (Ger)  
CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ EMBOLISM, drug therapy/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ \*SHOCK, drug therapy/ STREPTOKINASE, therapeutic use/ \*THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy
5682. Schimpf K, Barth P, Bartman J, et al: The coagulation system during the passage of blood through the body. Simultaneous determinations of thrombocyte count and 9 plasma activities in samples from 5 different blood vessels in the rabbit. Thromb Diath Haemorrh 22:326-35, 15 Nov 69  
ANIMAL EXPERIMENTS/ AORTA/ BLOOD CELL COUNT/ \*BLOOD CIRCULATION/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ CORONARY VESSELS/ PORTAL VEIN/ RABBITS/ VENAE CAVAE
5683. Schimpf K, Barth P, Wüstemann AM: Der Effekt von Fibrinogenspaltprodukten auf die Aktivität der Gerinnungsfaktoren II, V, VII, VIII und X im Plasma. Klin Wschr 47:391-3, 1 Apr 69 (Ger)  
\*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ \*FIBRINOGEN, pharmacodynamics/ HUMAN
5684. Schingoethe DJ, Aust SD, Thomas JW: Separation of a mouse growth inhibitor in soybeans from trypsin inhibitors. J Nutr 100:739-48, Jul 70  
ANIMAL EXPERIMENTS/ DIALYSIS/ DIET/ ELECTROPHORESIS/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ \*GROWTH SUBSTANCES, isolation & purification/ GROWTH SUBSTANCES, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ MICE/ PANCREAS, drug effects/ \*SOY BEANS, analysis/ \*TRYPSIN INHIBITORS, isolation & purification
5685. Schingoethe DJ, Gorrill AD, Thomas JW, et al: Size and proteolytic enzyme activity of the pancreas of several species of vertebrate animals.



## AUTHOR SECTION

- Canad J Physiol Pharmacol 48:43-9, Jan 70  
 AGE FACTORS/ ANIMAL EXPERIMENTS/  
 BODY WEIGHT/ CATTLE/ CHICKENS/  
 \*CHYMOTRYPSIN, metabolism/ MICE/ ORGAN  
 WEIGHT/ PANCREAS, anatomy & histology/  
 \*PANCREAS, enzymology/ RATS/ SHEEP/  
 \*TRYPSIN, metabolism
5686. Schingoethe DJ, Thomas JW: Pancreatic proteolytic enzymes and growth in rats fed soybean of milk proteins. Proc Soc Exp Biol Med 132:453-8, Nov 69  
 ANIMAL EXPERIMENTS/ BODY WEIGHT/  
 CHYMOTRYPSIN, metabolism/ \*DIETARY  
 PROTEINS/ FEMALE/ \*GROWTH, drug  
 effects/ HYDROGEN-ION CONCENTRATION/  
 INTESTINE, SMALL, enzymology/ MILK/  
 NUTRITION/ \*PANCREAS, enzymology/  
 PROTEINS, metabolism/ RATS/ SOY BEANS/  
 STOMACH/ TRYPSIN, metabolism
5687. Schlag G: Fettembolie. Pathophysiologische Grundlagen der respiratorischen Insuffizienz und die sich daraus ergebenden therapeutischen Folgerungen: intermittierende positive Druckbeatmung, Hypothermie und Enzym-Inhibitor-Behandlung (Trasylol)  
 Zbl Chir 94:524-40, 19 Apr 69 (Ger)  
 ADOLESCENCE/ ADULT/ AGED/ ANOXEMIA,  
 etiology/ BLOOD COAGULATION/  
 \*EMBOLISM, FAT/ EMBOLISM, FAT,  
 complications/ EMBOLISM, FAT, diagnosis/  
 EMBOLISM, FAT, drug therapy/ EMBOLISM,  
 FAT, metabolism/ EMBOLISM, FAT,  
 physiopathology/ EMBOLISM, FAT, therapy/  
 FEMALE/ HUMAN/ HYPOTHERMIA,  
 INDUCED/ KALLIKREIN-TRYPSIN  
 INACTIVATOR, pharmacodynamics/  
 KALLIKREIN-TRYPSIN INACTIVATOR,  
 therapeutic use/ KININS, antagonists &  
 inhibitors/ LIPIDS, metabolism/ MALE/  
 POSITIVE-PRESSURE RESPIRATION/  
 PULMONARY CIRCULATION/ PULMONARY  
 EMBOLISM, radiography/ RESPIRATION/  
 WOUNDS AND INJURIES, complications
5688. Schlag G, Schadenbock R: Die tödliche Pulmonalembolie in der Traumatologie. Ergebnisse der Antikoagulantienprophylaxe mit Sintrom innerhalb von 2 Jahren. Zbl Chir 94:320-38, 1969 (Ger)  
 ADOLESCENCE/ ADULT/ AGE FACTORS/  
 AGED/ ANTICOAGULANTS, administration &  
 dosage/ ANTICOAGULANTS, adverse effects/  
 \*ANTICOAGULANTS, therapeutic use/ BLOOD  
 COAGULATION TESTS/ BRAIN DISEASES,  
 mortality/ CHILD/ COUMARINS,  
 administration & dosage/ COUMARINS,  
 adverse effects/ COUMARINS,  
 therapeutic use/ FEMALE/ FEMORAL NECK  
 FRACTURES, complications/ HEMORRHAGE,  
 chemically induced/ HUMAN/ MALE/ MIDDLE  
 AGE/ PNEUMONIA, mortality/ PULMONARY  
 EMBOLISM, mortality/ \*PULMONARY  
 EMBOLISM, prevention & control/ SHOCK,  
 TRAUMATIC, mortality/ TIME FACTORS/  
 \*WOUNDS AND INJURIES, complications
5689. Schlenk F, Zydek-Cwick CR: Enzymatic activity of yeast cell ghosts produced by protein action on the membranes. Arch Biochem 138:220-5, May 70  
 \*CANDIDA, enzymology/ CELL MEMBRANE  
 PERMEABILITY, drug effects/ CELL WALL,  
 drug effects/ \*CELL WALL, enzymology/  
 CYTOCHROMES, pharmacodynamics/  
 GLUCOSEPHOSPHATE DEHYDROGENASE,  
 metabolism/ HEXOKINASE, metabolism/  
 PHOSPHOGLUCOMUTASE, metabolism/  
 PROTAMINES, pharmacodynamics/  
 RIBONUCLEASE, pharmacodynamics
5690. Schmid F: Dependence of radial immunodiffusion of fibrinogen on time and antigen concentration. Clin Chim Acta 26:183-4, Oct 69  
 \*FIBRINOGEN, analysis/ GEL DIFFUSION  
 TESTS/ HUMAN/ IMMUNE SERUMS/  
 METHODS/ TIME FACTORS
5691. Schmid-Schönbein H, Wells RE, Goldstone J: Steigerung des viskösen Widerstandes nach Ultrafiltration und Hyperosmolarität des Blutes. Pflueger Arch 312:R76-7, 1969 (Ger)  
 \*BLOOD VISCOSITY/ FILTRATION/  
 HEMODIALYSIS/ \*KIDNEY, blood supply/  
 \*OSMOLAR CONCENTRATION
5692. Schmid-Schönbein H, Wells RE, Goldstone J: Modellversuche zur Erythrocytenrheologie. Pflueger Arch 312:R39-40, 1969 (Ger)  
 \*BLOOD VISCOSITY/ \*ERYTHROCYTES/  
 HUMAN/ MODELS, BIOLOGIC/ RHEOLOGY
5693. Schmidt BJ, Tomasi de, Farhat CK, et al: Hémangiomatose sclerosante atypique. Considérations sur un cas particulier, voisin du syndrome de Maffucci. Arch Franc Pediat 26:213-9, Feb 69 (Fre)  
 \*ANGIOMA, SCLEROSING, diagnosis/  
 ANGIOMA, SCLEROSING, pathology/  
 \*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS,  
 pathology/ CHILD, PRESCHOOL/ DIAGNOSIS,  
 DIFFERENTIAL/ \*DYSCHONDROPLASIA,  
 diagnosis/ HUMAN/ MALE/ \*SKIN  
 NEOPLASMS, diagnosis/ SKIN NEOPLASMS,  
 pathology
5694. Schmidt H, Bohley E: Über die Einwirkung mikrobieller Enzyme auf die organische Zahnschmelze. 3. Die enzymatische Wirkung von Bacillus mycoides und Micrococcus epidermidis. Deutsch Stomat 20:331-8, May 70 (Ger)  
 DECALCIFICATION TECHNIC/ \*DENTIN,  
 metabolism/ ENGLISH ABSTRACT/  
 HISTOCYTOCHEMISTRY/ HUMAN/  
 \*MICROCOCOCCUS, enzymology/  
 \*MYCOBACTERIUM, enzymology/  
 MYCOBACTERIUM, metabolism/ OXYGEN  
 CONSUMPTION/ PEPTIDE HYDROLASES,  
 metabolism
5695. Schmidt H, Gottschaldt M: Über chronische Leptomenigitiden bei gedeckten Schädel-Hirn-Traumen. Arch Psychiat Nervenkr 213:11-21, 1970 (Ger)  
 ADHESIONS/ ARACHNOIDITIS, complications/  
 \*ARACHNOIDITIS, etiology/ BRAIN INJURY,  
 ACUTE, complications/ CHRONIC DISEASE/  
 ENGLISH ABSTRACT/ EXUDATES AND  
 TRANSUDATES/ \*HEAD INJURIES,  
 complications/ HUMAN/ HYDROCEPHALUS,  
 etiology/ NERVE TISSUE PROTEINS/ PIA  
 MATER
5696. Schmidt M, Havemann K: Die Behandlung der chronischen myeloiden Leukämie und des lymphoretikulären Sarkoms mit Piposulfan. Deutsch Med Wschr 95:1166-70, 22 May 70 (Ger)  
 ADULT/ AGED/ ANEMIA, APLASTIC,  
 chemically induced/ \*ANTINEOPLASTIC  
 AGENTS, therapeutic use/ BUSULFAN,  
 therapeutic use/ ENGLISH ABSTRACT/  
 FEMALE/ HUMAN/ \*LEUKEMIA,  
 MYELOCYTIC, drug therapy/ MALE/ MIDDLE  
 AGE/ PIPERAZINES, adverse effects/  
 \*PIPERAZINES, therapeutic use/ \*SARCOMA,  
 RETICULUM CELL, drug therapy/  
 THROMBOPENIA, chemically induced
5697. Schmidt NJ, Gee PS, Dennis J, et al: Enzymes produced by a Pseudomonas species which inactivate inhibitors of certain viral hemagglutinins. I. Identification and purification of a proteinase and phospholipase C. Appl Microbiol 18:500-8, Sep 69  
 AMMONIUM COMPOUNDS/  
 CHROMATOGRAPHY/ CLOSTRIDIUM  
 PERFRINGENS, enzymology/  
 ELECTROPHORESIS/ GEL FILTRATION/  
 HEMAGGLUTININS, VIRAL, antagonists &  
 inhibitors/ PANCREATOPEPTIDASE,  
 metabolism/ \*PEPTIDE HYDROLASES,  
 isolation & purification/ \*PHOSPHOLIPASE,  
 isolation & purification/ PRECIPITATION/  
 \*PSEUDOMONAS, enzymology/  
 ULTRACENTRIFUGATION
5698. Schmidt-Tintemann U: Aufgaben und Grenzen der Plastischen Chirurgie. Munchen Med Wschr 112:1035-42, 11 Sep 70 (Ger)  
 ABNORMALITIES, surgery/ ADULT/  
 AMPUTATION/ ENGLISH ABSTRACT/ FACE,  
 surgery/ FACIAL INJURIES, surgery/ FACIAL  
 PARALYSIS, surgery/ FEMALE/ FINGERS,



# AUTHOR SECTION

- surgery/ HAND INJURIES, surgery/  
HEMANGIOMA, surgery/ HUMAN/ LIP  
NEOPLASMS, surgery/ \*SURGERY, PLASTIC
5699. Schmitt HW: Behandlung des posttraumatischen  
Hämatoms. Resposition nach Charnley-gepolsterter,  
primär zirkulärer Gipsverband-medikamentöse  
Behandlung mit Flavonoiden.  
München Med Wschr 112:384-8, 27 Jan 70 (Ger)  
ADOLESCENCE/ ADULT/ AGED/  
\*BIOFLAVONOIDS, therapeutic use/ CHILD/  
ENGLISH ABSTRACT/ FEMALE/ FLAVONES,  
therapeutic use/ FOOT, injuries/ \*FRACTURE  
FIXATION/ HAND INJURIES, therapy/  
HEMATOMA, prevention & control/  
\*HEMATOMA, therapy/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ RADIUS  
FRACTURES, therapy
5700. Schmoigl S, Veverka L: Lokalisation zerebraler  
Prozesse im EEG und Schädel-Scan.  
Wien Z Nervenheilk 27:393-6, 1969 (Ger)  
\*BRAIN NEOPLASMS, diagnosis/ BRAIN  
NEOPLASMS, surgery/ CEREBELLAR  
NEOPLASMS, diagnosis/ COMPARATIVE  
STUDY/ \*ELECTROENCEPHALOGRAPHY/  
\*HEMATOMA, diagnosis/ HUMAN/ PONS/  
\*RADIOISOTOPE SCANNING
5701. Schmutzler R: Thrombolysetherapie bei  
Phlebothrombose.  
Verh Deutsch Ges Kreislaufforsch 34:310-5, 1968 (Ger)  
ADULT/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ MALE/ PULMONARY  
EMBOLISM, etiology/ \*STREPTOKINASE,  
therapeutic use/ THROMBOPHLEBITIS,  
complications/ \*THROMBOPHLEBITIS, drug  
therapy/ THROMBOPHLEBITIS, surgery/ TIME  
FACTORS
5702. Schmutzler R: Antikoagulantienbehandlung des  
Herzinfarkts.  
Deutsch Med Wschr 95:240, 30 Jan 70 (Ger)  
\*ANTICOAGULANTS, administration & dosage/  
HUMAN/ MIDDLE AGE/ MYOCARDIAL  
INFARCT, complications/ \*MYOCARDIAL  
INFARCT, drug therapy/ TIME FACTORS
5703. Schmutzler R: Die Thrombo-Embolie-Therapie-heute.  
Med Welt 12:467-77, 21 Mar 70 (46 ref.) (Ger)  
ACUTE DISEASE/ ADULT/ AGED/  
ANTICOAGULANTS, therapeutic use/ BLOOD  
COAGULATION/ CHRONIC DISEASE/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
MYOCARDIAL INFARCT, drug therapy/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR, drug  
therapy/ REVIEW/ STREPTOKINASE,  
therapeutic use/ \*THROMBOEMBOLISM, drug  
therapy/ THROMBOPHLEBITIS, drug therapy
5704. Schmutzler R: Klinik der thrombolysischen  
Behandlung.  
Internist (Berlin) 10:21-9, Jan 69 (38 ref.) (Ger)  
ANGIOGRAPHY/ ARTERIOSCLEROSIS, drug  
therapy/ CEREBROVASCULAR DISORDERS,  
drug therapy/ CORONARY DISEASE, drug  
therapy/ EMBOLISM, drug therapy/ EYE,  
blood supply/ FEMALE/ FIBRINOLYTIC  
AGENTS, administration & dosage/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HUMAN/ HYPHEMA, drug therapy/ LEG,  
blood supply/ MALE/ PRIAPISM, drug  
therapy/ PULMONARY EMBOLISM, drug  
therapy/ REVIEW/ SHOCK, drug therapy/  
STREPTOKINASE, therapeutic use/  
THROMBOPHLEBITIS, drug therapy/  
THROMBOSIS, drug therapy
5705. Schneider KW, Illig L: Experimentelle  
Untersuchungen zum Problem des lokalen  
Schwartzman-Phänomens der Haut. 3. Die Bedeutung  
des Blutweges für die Auslösung der Reaktion.  
Arch Klin Exp Derm 236:329-47, 1970 (Ger)  
ANIMAL EXPERIMENTS/ \*ENDOTOXINS,  
administration & dosage/ ENDOTOXINS,  
blood/ ENGLISH ABSTRACT/ RABBITS/  
SHWARTZMAN PHENOMENON, blood/  
\*SHWARTZMAN PHENOMENON, etiology/  
\*SKIN
5706. Schneider KW, Illig L: Experimentelle  
Untersuchungen zum Problem des lokalen  
Schwartzman-Phänomens der Haut. IV. Der Einfluss  
von Glucocorticoiden auf die Passage des Endotoxins  
aus der Haut in die Blutbahn.  
Arch Klin Exp Derm 236:348-67, 1970 (Ger)  
ANIMAL EXPERIMENTS/ DEXAMETHASONE,  
pharmacodynamics/ \*ENDOTOXINS,  
metabolism/ ENGLISH ABSTRACT/  
\*GLUCOCORTICOIDS, pharmacodynamics/  
PREDNISOLONE, pharmacodynamics/  
RABBITS/ \*SHWARTZMAN PHENOMENON,  
etiology/ TRIAMCINOLONE, pharmacodynamics
5707. Schneider PG: Zur klinischen Prüfung von  
Vertebralon-Salbe.  
Ther Gegenw 108:1007-14, Jul 69 (Ger)  
ADRENAL GLANDS/ \*AMIDES, therapeutic  
use/ COMPARATIVE STUDY/  
\*DERMATOLOGIC AGENTS, therapeutic use/  
\*HEPARIN, therapeutic use/ HUMAN/  
INFLAMMATION, drug therapy/  
IONTOPHORESIS/ \*SALICYLATES, therapeutic  
use/ \*SALICYLIC ACID, therapeutic use/  
SKIN TEMPERATURE, drug effects/ \*TISSUE  
EXTRACTS, therapeutic use/ VANILLIN/  
WOUNDS AND INJURIES, drug therapy
5708. Schneider RJ: Serous detachment of the macula.  
Canad J Ophthal 5:117-26, Apr 70  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHORIORETINITIS, complications/ CHOROID  
NEOPLASMS, complications/ FEMALE/  
FLUORESCINS/ FUNDUS OCULI/  
HEMANGIOMA, complications/ HUMAN/  
\*LIGHT COAGULATION/ MALE/ MIDDLE  
AGE/ PHOTOGRAPHY/ RETINAL  
DEGENERATION, complications/ RETINAL  
DETACHMENT, diagnosis/ RETINAL  
DETACHMENT, etiology/ \*RETINAL  
DETACHMENT, surgery/ TOXOPLASMOSIS,  
OCULAR, complications/ VISION
5709. Schneider W: Zur Bedeutung sogenannter  
erythrozytärer Autoantikörper bei Blutspendern.  
Blut 19:564-9, 1969 (10 ref.) (Ger)  
ANTIBODIES, classification/  
\*AUTOANTIBODIES/ AUTOIMMUNE  
DISEASES, etiology/ \*BLOOD DONORS/  
BLOOD TRANSFUSION, adverse effects/  
BLOOD VISCOSITY/ COLD/ COMPLEMENT/  
CRYOGLOBULINS/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES, immunology/ GAMMA  
GLOBULIN, 7S/ GAMMA GLOBULIN, 19S/  
HEMAGGLUTINATION/ HEMOLYSIS/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
HYPERTENSION, drug therapy/  
METHYLDOPA, adverse effects/ REVIEW/  
SERODIAGNOSIS/ VIRUS DISEASES,  
immunology
5710. Schnitzler S, Krüger W, Uhlenbruck G: Hämagglutinine  
von Helix lucorum und Caecotachea atrikabuta:  
Vergleichende Untersuchungen zu Anti-AHP UND  
Anti-ACN.  
Z Immunitätsforsch 140:156-67, Aug 70 (Ger)  
ANIMAL EXPERIMENTS/ \*ANTIBODIES,  
analysis/ ANTIBODY SPECIFICITY/  
ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS/ CATTLE/ DOGS/ DUCKS/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
ERYTHROCYTES, drug effects/  
ERYTHROCYTES, immunology/ GEL  
DIFFUSION TESTS/ GELS/ HORSES/  
IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ MUCIN/  
NEURAMINIDASE, pharmacodynamics/  
PEPTIDE HYDROLASES, pharmacodynamics/  
SALIVA, immunology/ SHEEP/ SNAILS/  
STARCH/ SWINE
5711. Schnyder UW: Hämangiome.  
Deutsch Med Wschr 94:1990-1, 26 Sep 69 (Ger)  
\*ANGIOMA, SCLEROSING, diagnosis/  
\*ANGIOMATOSIS, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ \*DYSCHONDROPLASIA,  
diagnosis/ HEMANGIOMA, classification/  
\*HEMANGIOMA, CAVERNOUS, diagnosis/  
HUMAN/ \*TELANGIECTASIS, diagnosis



## AUTHOR SECTION

5712. Schöffling K, Petzoldt R, Althoff-Zucker C, et al: Klinische Erfahrungen mit dem oralen Antidiabeticum HB 419 (Glübenclamid) Arzneimittelforschung 19:Suppl.1439-45, Aug 69 (Ger)
- ALANINE AMINOTRANSFERASE, blood/  
ALKALINE PHOSPHATASE, blood/  
ANTIDIABETICS, adverse effects/  
\*ANTIDIABETICS, therapeutic use/ BLOOD  
CELL COUNT/ BLOOD PLATELETS/ BLOOD  
SUGAR, analysis/ BODY WEIGHT, drug  
effects/ CARBOHYDRATES, urine/  
\*DIABETES MELLITUS, drug therapy/  
ENGLISH ABSTRACT/ FEMALE/ HEADACHE,  
chemically induced/ HUMAN/ LEUKOCYTE  
COUNT/ MALE/ MIDDLE AGE/ NAUSEA,  
chemically induced/ PRURITUS, chemically  
induced/ UREA, adverse effects/ \*UREA,  
therapeutic use/ VOMITING, chemically  
induced
5713. Scholz G, Loewe KR: Die Punktion der Vena subclavia und ihre Komplikationen aus pathologisch-anatomischer Sicht. Med Welt 41:2248-51, 11 Oct 69 (Ger)
- ADULT/ AGED/ AUTOPSY/  
\*CATHETERIZATION, adverse effects/ CHILD,  
PRESCHOOL/ FEMALE/ HEMATOMA,  
etiology/ HEMOTHORAX, etiology/ HUMAN/  
IATROGENIC DISEASE/ MALE/ MIDDLE  
AGE/ \*PULMONARY EMBOLISM, etiology/  
\*PUNCTURES, adverse effects/ SEPTICEMIA,  
etiology/ SUBCLAVIAN ARTERY, injuries/  
\*SUBCLAVIAN VEIN, injuries/ \*THROMBOSIS,  
etiology
5714. Scholz HW, Biron P: Non-identity between pulmonary bradykininase and converting-enzyme activity. Rev Canad Biol 28:197-200, Sep 69
- \*ANGIOTENSIN, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ BLOOD PRESSURE/  
\*BRADYKININ, pharmacodynamics/ DOGS/  
ENZYME ACTIVATION/ FEMALE/ \*LUNG,  
enzymology/ MALE/ MERCAPTOETHANOL,  
pharmacodynamics/ \*PEPTIDE HYDROLASES/  
RATS
5715. Scholz N, Heimsoth V, Wichmeyer J, et al: Pathologisch-anatomische Untersuchungen zum Peritonealdauerkatheter nach Tenckhoff und Schechter. Deutsch Med Wschr 95:1641-4, 7 Aug 70 (Ger)
- ADIPOSE TISSUE/ \*CATHETERIZATION,  
adverse effects/ CATHETERIZATION,  
instrumentation/ ENGLISH ABSTRACT/  
FIBRIN/ HUMAN/ METHODS/ PERITONEAL  
DIALYSIS/ \*PERITONEUM, pathology/  
POLYMERS, adverse effects/ TIME FACTORS
5716. Schönbach G: Die Stellung des Trasylols in der Behandlung der akuten Pankreatitis. Langenbecks Arch Chir 325:306-10, 1969 (Ger)
- ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
ENGLISH ABSTRACT/ GALLIC ACID/  
HUMAN/ HYPOTENSION, drug therapy/  
HYPOTENSION, prevention & control/  
INJECTIONS, INTRAVENOUS/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PANCREATITIS, chemically  
induced/ \*PANCREATITIS, drug therapy/  
PANCREATITIS, mortality/ PANCREATITIS,  
radiography/ RABBITS/ SHOCK, drug therapy
5717. Schöning WF: Verätzung der Haut durch ein Vitamin K3-Derivat; ein grundsätzlicher Hinweis auf den noch ausstehenden Kennzeichnungszwang fakultativ ätzender Wirkstoffe. Berufsdermatosen 17:269-72, Oct 69 (Ger)
- ADULT/ \*BURNS, CHEMICAL, etiology/  
DRUG LABELING/ ENGLISH ABSTRACT/  
GERMANY, WEST/ HUMAN/ LEGISLATION,  
DRUG/ MALE/ OCCUPATIONAL  
DERMATITIS, prevention & control/ \*SKIN,  
injuries/ \*VITAMIN K, adverse effects
5718. Schoop W, Levy H, Zeitler E: Spätergebnisse der thrombolytischen Therapie chronischer Arterienverschlüsse. Deutsch Med Wschr 95:1827-9, 4 Sep 70 (Ger)
- ADULT/ AGE FACTORS/ ANGIOGRAPHY/  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
FEMORAL ARTERY/ FOLLOW-UP STUDIES/  
HUMAN/ \*ILIAC ARTERY/ MIDDLE AGE/  
OSCILLOMETRY/ \*STREPTOKINASE,  
therapeutic use/ \*THROMBOSIS, drug therapy/  
TIME FACTORS
5719. Schoop W, Martin M, Zeitler E: Thrombolytische Therapie bei chronischer okklusiver Ateriopathie. Verh Deutsch Ges Kreislaufforsch 34:346-51, 1968 (Ger)
- ANGIOGRAPHY/ \*AORTA, ABDOMINAL/  
DIAGNOSIS, DIFFERENTIAL/ \*FEMORAL  
ARTERY/ HUMAN/ \*ILIAC ARTERY/  
INJECTIONS, INTRAVENOUS/ MALE/  
MIDDLE AGE/ OSCILLOMETRY/  
\*STREPTOKINASE, therapeutic use/  
\*THROMBOSIS, drug therapy/ THROMBOSIS,  
radiography
5720. Schopen RD: Dexamazon als Rheuma-Therapeutikum. Munchen Med Wschr 29:1367-70, 17 Jul 70 (Ger)
- AESCULUS, drug effects/  
\*ANTI-INFLAMMATORY AGENTS,  
administration & dosage/ ARM/ \*ARTHRITIS,  
drug therapy/ BIOFLAVONOIDS,  
administration & dosage/ CERVICO-BRACHIAL  
NEURALGIA, drug therapy/ DOSAGE FORMS/  
ENGLISH ABSTRACT/ ERYTHEMA  
NODOSUM, drug therapy/ GOUT, drug  
therapy/ HERPES ZOSTER, drug therapy/  
HIP/ HUMAN/ KNEE/ LIDOCAINE,  
administration & dosage/ LUMBOSACRAL  
REGION/ OCCIPITAL BONE/  
\*OSTEOARTHRITIS, drug therapy/  
PHENYLBUTAZONE, administration & dosage/  
SALICYLAMIDES, administration & dosage/  
SHOULDER/ SPONDYLITIS, ANKYLOSING,  
drug therapy/ THORAX/  
THROMBOPHLEBITIS, drug therapy
5721. Schoppa M: Verhinderung hypertropher Narbenstränge nach Verbrennungen bei Kindern. Aesthet Med (Berlin) 18:167-70, 20 Aug 69 (Ger)
- ALLANTOIN, administration & dosage/  
\*BURNS, complications/ CHILD/ CHILD,  
PRESCHOOL/ HEPARIN, administration &  
dosage/ HUMAN/ INFANT/ \*KELOID,  
prevention & control/ MALE/ OINTMENTS/  
PLANT EXTRACTS, administration & dosage/  
VEHICLES
5722. Schott B, Morgon A, Bady B, et al: Cavernome de l'angle ponto-cérébelleux. J Franc Otorhinolaryng 19:339-42, Apr 70 (Fre)
- ADULT/ \*CEREBELLAR NEOPLASMS/  
\*CEREBELLOPONTILE ANGLE/ DEAFNESS,  
etiology/ FEMALE/ \*HEMANGIOMA,  
CAVERNOUS/ HUMAN
5723. Schotz MC, Garfinkel AS, Huebotter RJ, et al: A rapid assay for lipoprotein lipase. J Lipid Res 11:68-9, Jan 70
- ADIPOSE TISSUE, enzymology/ AMMONIUM  
COMPOUNDS/ ANIMAL EXPERIMENTS/  
CARBON ISOTOPES/ DOGS/ FATTY ACIDS,  
NONESTERIFIED/ HEPARIN/ \*LIPOPROTEIN  
LIPASE, analysis/ LIPOPROTEIN LIPASE,  
antagonists & inhibitors/ LIPOPROTEIN  
LIPASE, blood/ METHODS/ RATS/ SERUM  
ALBUMIN, BOVINE/ SURFACE-ACTIVE  
AGENTS/ TIME FACTORS/ TRIOLEIN/  
VIBRATION
5724. Schrader CP: Mechanische und biochemische Massnahmen zur Thromboembolieprophylaxe nach Prostataktomien. Langenbecks Arch Chir 325:1088-90, 1969 (Ger)
- AMINOCAPROIC ACID, therapeutic use/  
ANTICOAGULANTS, therapeutic use/  
ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ ENGLISH ABSTRACT/  
FIBRINOLYTIC AGENTS, urine/ HEPARIN,  
therapeutic use/ HUMAN/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
PROSTATECTOMY/ STREPTODORNASE AND  
STREPTOKINASE, metabolism/  
\*THROMBOEMBOLISM, prevention & control
5725. Schrader CP, Gaca A, Böttcher D: Kombinierte



## AUTHOR SECTION

- mechanische und medikamentöse Blutsstillung bei der Prostatektomie. Urol Int 24:418-25, 1969 (Ger)  
 \*AMINOCAPROIC ACID, therapeutic use/  
 ENGLISH ABSTRACT/ HEMATURIA,  
 prevention & control/ \*HEMORRHAGE,  
 prevention & control/ \*HEMOSTASIS/  
 \*HEPARIN, therapeutic use/ HUMAN/ MALE/  
 \*PROSTATECTOMY/ TIME FACTORS/  
 \*URINARY CATHETERIZATION
5726. Schreibman PH, Wilson DE, Arky RA: Familial type IV hyperlipoproteinemia.  
 New Eng J Med 281:981-5, 30 Oct 69  
 ADOLESCENCE/ ADULT/ AGED/  
 ARTERIOSCLEROSIS, etiology/ CHILD/  
 CHILD, PRESCHOOL/ CHOLESTEROL, blood/  
 DIET THERAPY/ DIETARY  
 CARBOHYDRATES/ ELECTROPHORESIS/  
 FASTING/ FATTY ACIDS, NONESTERIFIED,  
 blood/ FEMALE/ GENES, DOMINANT/  
 GLUCOSE TOLERANCE TEST/ HEPARIN,  
 diagnostic use/ HUMAN/ \*HYPERLIPEMIA,  
 ESSENTIAL FAMILIAL/ HYPERLIPEMIA,  
 ESSENTIAL FAMILIAL, complications/  
 INSULIN, blood/ \*LIPOPROTEINS, blood/  
 MALE/ MIDDLE AGE/ OBESITY,  
 complications/ PEDIGREE/ PROGNOSIS/  
 TRIGLYCERIDES, blood/  
 ULTRACENTRIFUGATION
5727. Schrier RW, Hano J, Keller HL, et al: Renal, metabolic, and circulatory responses to heat and exercise. Studies in military recruits during summer training, with implications for acute renal failure.  
 Ann Intern Med 73:213-23, Aug 70  
 ACCLIMATIZATION/ ADULT/ BLOOD CELL  
 COUNT/ BLOOD COAGULATION/ BLOOD  
 PRESSURE/ BLOOD UREA NITROGEN/  
 \*BODY TEMPERATURE/ BODY WEIGHT/  
 CREATININE, blood/ ELECTROLYTES, blood/  
 \*EXERTION/ HEART RATE/ \*HEAT/  
 HUMAN/ \*KIDNEY FAILURE, ACUTE,  
 etiology/ KIDNEY FUNCTION TESTS/ MALE/  
 MILITARY MEDICINE/ PROSPECTIVE  
 STUDIES/ PROTEINS, urine/ PULSE/  
 RESPIRATION/ SEASONS/  
 WATER-ELECTROLYTE BALANCE
5728. Schrier RW, McDonald KM, Wells RE, et al: Influence of hematocrit and colloid on whole blood viscosity during volume expansion.  
 Amer J Physiol 218:346-52, Feb 70  
 ANIMAL EXPERIMENTS/ BLOOD PRESSURE/  
 \*BLOOD VISCOSITY/ \*BLOOD VOLUME/  
 \*COLLOIDS/ DEXTRAN/ DOGS/ FEMALE/  
 GLOMERULAR FILTRATION RATE/  
 \*HEMATOCRIT/ KIDNEY, blood supply/  
 NATRIURESIS/ REGIONAL BLOOD FLOW/  
 SODIUM CHLORIDE, pharmacodynamics
5729. Schrire V, Barnard CN: Immediate and long-term results of mitral valve replacement with University of Cape Town mitral valve prosthesis.  
 Brit Heart J 32:245-54, Mar 70  
 ADOLESCENCE/ ADULT/ ALLOYS/ ANGINA  
 PECTORIS, complications/ ANTICOAGULANTS,  
 therapeutic use/ CEREBRAL EMBOLISM AND  
 THROMBOSIS, complications/ CHILD/  
 DYSPNEA, PAROXYSMAL, complications/  
 FEMALE/ FOLLOW-UP STUDIES/ HEART  
 FAILURE, CONGESTIVE, complications/  
 \*HEART VALVE PROSTHESIS/ HUMAN/  
 MALE/ MIDDLE AGE/ \*MITRAL VALVE/  
 \*MITRAL VALVE INSUFFICIENCY, surgery/  
 \*MITRAL VALVE STENOSIS, surgery/  
 PHONOCARDIOGRAPHY/ POLYMERS/  
 POSTOPERATIVE COMPLICATIONS/  
 PULMONARY EDEMA, complications/  
 THROMBOEMBOLISM, complications/  
 THROMBOEMBOLISM, prevention & control
5730. Schrire V, Beck W, Hewitson RP, et al: Immediate and long-term results of aortic valve replacement with University of Cape Town aortic valve prosthesis.  
 Brit Heart J 32:255-63, Mar 70  
 ADOLESCENCE/ ADULT/ AGED/ ALLOYS/  
 ANEMIA, HEMOLYTIC, complications/  
 ANGINA PECTORIS, complications/ \*AORTIC  
 VALVE/ \*AORTIC VALVE INSUFFICIENCY,  
 surgery/ \*AORTIC VALVE STENOSIS,  
 surgery/ ARRHYTHMIA, complications/  
 CARDIOVASCULAR DISEASES, mortality/  
 CHILD/ ENDOCARDITIS, BACTERIAL,  
 complications/ FEMALE/ FOLLOW-UP  
 STUDIES/ \*HEART VALVE PROSTHESIS/  
 HUMAN/ MALE/ MIDDLE AGE/  
 PHENINDIONE, therapeutic use/ POLYMERS/  
 POSTOPERATIVE COMPLICATIONS/  
 THROMBOEMBOLISM, complications/  
 THROMBOEMBOLISM, prevention & control/  
 WARFARIN, therapeutic use
5731. Schrodt U: Angiohamartom des Uterus.  
 Zbl Gynaek 91:421-4, 29 Mar 69 (Ger)  
 ANEMIA, etiology/ DIAGNOSIS,  
 DIFFERENTIAL/ FEMALE/ HAMARTOMA,  
 complications/ \*HAMARTOMA, pathology/  
 HEMANGIOMA, complications/  
 HEMANGIOMA, pathology/ HUMAN/ MIDDLE  
 AGE/ UTERINE HEMORRHAGE, diagnosis/  
 UTERINE NEOPLASMS, complications/  
 UTERINE NEOPLASMS, diagnosis/ \*UTERINE  
 NEOPLASMS, pathology
5732. Schroeder DD, Mozen MM: Australia antigen: distribution during Cohn ethanol fractionation of human plasma. Science 168:1462-4, 19 Jun 70  
 ALCOHOL, ETHYL/ \*ANTIGENS, analysis/  
 BLOOD COAGULATION FACTORS/  
 HEPATITIS, HOMOLOGOUS SERUM,  
 immunology/ \*HEPATITIS VIRUS,  
 HOMOLOGOUS SERUM, analysis/ HUMAN/  
 \*PLASMA, analysis
5733. Schröer H, Hauck G, Groben D: Der Kompleznatur des Prothrombins. Pflueger Arch 312:R1, 1969 (Ger)  
 CATTLE/ CHEMISTRY/ ENZYME  
 ACTIVATION/ \*PROTHROMBIN
5734. Schrumpf E: Ergänzung der Wirkung von Beta-Aescin durch vasodilatorische Substanzen.  
 Wien Med Wschr 119:721-2, 18 Oct 69 (Ger)  
 \*AESCULUS, therapeutic use/ \*BAMETHAN,  
 therapeutic use/ DRUG SYNERGISM/  
 FEMALE/ HUMAN/ MALE/ \*VARICOSE  
 VEINS, drug therapy/ VASODILATOR  
 AGENTS, therapeutic use
5735. Schubert GE, Lüders K: Einseitige Nierenrindennekrosen mit selten verschiedenen intravasalen Fibrinpräzipitaten beim akuten Nierenversagen.  
 Virchow Arch [Path Anat] 350:36-43, 1970 (Ger)  
 AGED/ AUTOPSY/ ENGLISH ABSTRACT/  
 \*FIBRIN, metabolism/ HUMAN/ KIDNEY  
 CORTEX NECROSIS, etiology/ \*KIDNEY  
 CORTEX NECROSIS, pathology/ KIDNEY  
 FAILURE, ACUTE, complications/ \*KIDNEY  
 FAILURE, ACUTE, pathology/ LEG, blood  
 supply/ MALE/ MIDDLE AGE/ \*THROMBOSIS,  
 complications
5736. Schubert W, Hindorf H: Heparin-Mischblutkonserven für Austauschtransfusionen.  
 Kinderaerzt Prax 38:27-9, Jan 70 (Ger)  
 \*BLOOD PRESERVATION/ \*ERYTHROCYTES/  
 \*EXCHANGE TRANSFUSION/ \*HEPARIN/  
 HUMAN
5737. Schulte W, Wörner H: Antibakterielle Substanzen zur Implantation in Knochenhöhlen und ihr Einfluss auf die Blutgerinnung im Thrombelastogramm.  
 Deutsch Zahn Mund Kieferheilk 54:56-68, Feb 70 (Ger)  
 AMPICILLIN, therapeutic use/  
 \*ANTI-INFECTIVE AGENTS, LOCAL,  
 therapeutic use/ ASPIRIN, therapeutic use/  
 \*BLOOD COAGULATION, drug effects/  
 ENGLISH ABSTRACT/ HUMAN/ \*JAW  
 DISEASES, drug therapy/ NEOMYCIN,  
 therapeutic use/ PENICILLIN,  
 therapeutic use/ TETRACYCLINE, therapeutic  
 use/ \*WOUND HEALING, drug effects
5738. Schulthess F von, Straub PW, Kistler HJ: Akute letale Borsäurevergiftung durch Blasenspülung nach Prostatektomie.  
 Schweiz Med Wschr 99:1686-9, 22 Nov 69 (Ger)  
 ACIDOSIS/ ANURIA/ \*BLADDER/ BLOOD  
 COAGULATION DISORDERS, chemically  
 induced/ \*BORIC ACIDS, poisoning/ ENGLISH



## AUTHOR SECTION

ABSTRACT/ HUMAN/ IATROGENIC  
DISEASE/ \*IRRIGATION, adverse effects/  
MALE/ MIDDLE AGE/ POSTOPERATIVE  
CARE/ PROSTATECTOMY/ PROSTATIC  
HYPERTROPHY, surgery/ URINARY  
CATHETERIZATION

5739. Schulz J, Rürup B, Boden C, et al: Cholesterin und Ernährung im Alter.  
Deutsch Gesundh 24:1332-4, 10 Jul 69 (Ger)  
ADULT/ AGED/ \*CHOLESTEROL, blood/  
\*DIET/ DIET, standards/ DIET,  
ATHEROGENIC/ ENGLISH ABSTRACT/  
HUMAN/ MIDDLE AGE

5740. Schulz K, Gültow M: Untersuchungen zur  
antifibrinolytischen und gerinnungshemmenden  
Wirkung des Contrykal.  
Deutsch Gesundh 24:1057-60, 5 Jun 69 (Ger)  
\*ANTICOAGULANTS, pharmacodynamics/  
\*ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ BLOOD COAGULATION  
TESTS/ CATTLE/ ENGLISH ABSTRACT/  
FIBRINOLYSIS/ LUNG/ TISSUE EXTRACTS,  
pharmacodynamics

5741. Schulz K, Preussner S, Frick G, et al: Untersuchungen  
zur Thrombozytenkinetik bei Patienten mit  
hämatologischen Erkrankungen.  
Z Ges Inn Med 24:614-20, 15 Sep 69 (Ger)  
\*BLOOD PLATELETS/ CHROMIUM  
ISOTOPES/ ENGLISH ABSTRACT/  
\*HEMATOLOGIC DISEASES/ HUMAN/  
HYPERSPLENISM/ \*KINETICS/ PHOSPHORUS  
ISOTOPES/ POLYCYTHEMIA/  
SPLENECTOMY/ THROMBOPENIA, therapy/  
TIME FACTORS

5742. Schulz K, Preussner S, Frick G, et al: Das Verhalten der  
Thrombozytenüberlebenszeit während der  
Behandlung der essentiellen Thrombopenie.  
Folia Haemat (Leipzig) 92:567-76, 1969 (Ger)  
\*AZATHIOPRINE, therapeutic use/ BLOOD  
CELL COUNT/ \*BLOOD PLATELETS, drug  
effects/ BLOOD PLATELETS, metabolism/  
CHROMIUM ISOTOPES/ FEMALE/ HUMAN/  
MALE/ PURPURA, THROMBOPENIC, drug  
therapy/ SPLENECTOMY/ \*THROMBOPENIA,  
drug therapy

5743. Schulz K, Preussner S, Frick G:  
Thrombozytenüberlebenszeit bei  
Thrombozytopenien.  
Med Klin 65:443-50, 6 Mar 70 (Ger)  
ANEMIA, SPLENIC, complications/  
AZATHIOPRINE, therapeutic use/ \*BLOOD  
PLATELETS/ CHROMIUM ISOTOPES,  
diagnostic use/ DIAGNOSIS, DIFFERENTIAL/  
FEMALE/ HUMAN/ LIVER DISEASES,  
complications/ MALE/ METHODS/  
PHOSPHORUS ISOTOPES, diagnostic use/  
PURPURA, THROMBOPENIC, diagnosis/  
\*RADIOISOTOPES, diagnostic use/  
SPLENECTOMY/ SPLENOMEGALY,  
complications/ THROMBOPENIA, blood/  
THROMBOPENIA, classification/  
\*THROMBOPENIA, diagnosis/  
THROMBOPENIA, therapy/ TIME FACTORS

5744. Schulz W, Müller K, Kromat EM:  
Blutgerinnungsveränderungen bei Frakturen.  
Bruns Beitr Klin Chir 218:136-44, Apr 70 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
CELL COUNT/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS/ CHILD/  
ENGLISH ABSTRACT/ FIBRINOGEN, analysis/  
\*FRACTURES, complications/ HUMAN/  
MIDDLE AGE/ PROTHROMBIN TIME/  
THROMBELASTOGRAPHY/ TIME FACTORS

5745. Schumacher GF: Biochemistry of cervical mucus.  
Fertil Steril 21:697-705, Oct 70 (47 ref.)  
ALBUMINS, analysis/ CERVIX MUCUS,  
analysis/ \*CERVIX MUCUS, analysis/ CERVIX  
MUCUS, enzymology/ COMPLEMENT, analysis/  
FEMALE/ GAMMA GLOBULIN, 7S, analysis/  
GELS, analysis/ GLYCOPROTEINS, analysis/  
HAPTOGLOBINS, analysis/  
HISTOCYTOCHEMISTRY/ HUMAN/

MICROSCOPY, ELECTRON/ MODELS,  
STRUCTURAL/ MURAMIDASE, analysis/  
PROTEINS, analysis/ REVIEW/  
TRANSFERRIN, analysis/ TRYPSIN  
INHIBITORS, analysis

5746. Schumacher HP, Albrecht P: Optimal conditions for  
isolation of a neurotropic measles virus from brain  
tissue. Proc Soc Exp Biol Med 134:396-402, Jun 70  
ANIMAL EXPERIMENTS/ \*BRAIN,  
microbiology/ CELL LINE/ EDTA/  
HAMSTERS/ KIDNEY/ \*MEASLES,  
microbiology/ \*MEASLES VIRUS, isolation &  
purification/ MONKEYS/ TRYPAN BLUE/  
TRYPSIN/ VIRUS CULTIVATION

5747. Schumacher MJ: Serum immunoglobulin and  
transferrin levels after childhood splenectomy.  
Arch Dis Child 45:114-7, Feb 70  
ADOLESCENCE/ ADULT/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ \*GAMMA GLOBULIN,  
analysis/ GAMMA GLOBULIN, 7S, analysis/  
GAMMA GLOBULIN, 19S, analysis/ HUMAN/  
HYPERTENSION, PORTAL, therapy/ INFANT/  
INFANT, NEWBORN/ MALE/ PURPURA,  
THROMBOPENIC, therapy/ SPHEROCYTOSIS,  
HEREDITARY, therapy/ \*SPLENECTOMY/  
SPLENIC RUPTURE, surgery/ THALASSEMIA,  
therapy/ TRANSFERRIN/ \*TRANSFERRIN,  
analysis

5748. Schuster J: Gegensätzliche Beeinflussung der  
Eosinophilenzahl durch Heparin und Heparinoide.  
Med Exp (Basel) 19:17-21, 1969 (Ger)  
ANAPHYLAXIS, physiopathology/ ANIMAL  
EXPERIMENTS/ ENGLISH ABSTRACT/  
EOSINOPHILS, drug effects/ FEMALE/  
\*HEPARIN, adverse effects/ \*HEPARINOID,  
adverse effects/ HYPERSENSITIVITY,  
physiopathology/ INFLAMMATION,  
physiopathology/ INJECTIONS,  
INTRAVENOUS/ LEUKOCYTE COUNT/  
\*LEUKOPENIA, chemically induced/  
\*LYMPHOCYTOSIS, chemically induced/  
MALE/ RATS

5749. Schuster J, Kunze J: Die Tachyphylaxie der isolierten  
Mastzelle.  
Naunyn Schmiedeberg Arch Pharm 264:303-4, 1969  
(Ger)  
ANIMAL EXPERIMENTS/ \*COMPOUND 48-80,  
pharmacodynamics/ CYTOPLASMIC  
GRANULES/ HEPARINOID, pharmacodynamics/  
IN VITRO/ \*MAST CELLS, drug effects/  
RATS/ \*TACHYPHYLAXIS

5750. Schuster J, Meier-Ruge W, Egil F: Zur Pathologie der  
Osteopathie nach Heparinbehandlung.  
Deutsch Med Wschr 94:2334-8, 7 Nov 69 (Ger)  
BLOOD PRESSURE DETERMINATION/ BONE  
AND BONES, pathology/ BONE DISEASES/  
BONE DISEASES, pathology/ BONE  
REGENERATION/ CALCIFICATION,  
PHYSIOLOGIC/ CASE REPORT/ CHILD/  
FEMALE/ HEMOGLOBINOMETRY/ \*HEPARIN,  
adverse effects/ HEPATITIS, INFECTIOUS,  
drug therapy/ HUMAN/ LEUKOCYTE COUNT/  
\*OSTEOPOROSIS, chemically induced/  
PREDNISOLONE, therapeutic use/ UREA,  
urine

5751. Schütterle G, Dieker P, Knorpp K: Plasma substitutes  
and the artificial kidney. Bibl Haemat 33:581-6, 1969  
BLOOD PROTEINS, analysis/ DEXTRAN,  
adverse effects/ GELATIN, adverse effects/  
HEMATOCRIT/ HEMODIALYSIS/ HEPARIN/  
HUMAN/ HYDROXYPROLINE/ \*KIDNEY,  
ARTIFICIAL/ KIDNEY FAILURE, ACUTE,  
etiology/ METHODS/ \*PLASMA  
SUBSTITUTES/ SERUM ALBUMIN,  
RADIO-IODINATED

5752. Schütz HB, Andersson S, Lagerlöf H: Pancreatic  
exocrine secretion in normal subjects studied by  
continuous infusion of pancreozymin and secretin.  
Scand J Gastroent 4:597-602, 1969  
ADULT/ AMYLASE, secretion/  
BICARBONATES, secretion/ COBALT  
ISOTOPES/ FEMALE/ HUMAN/ MALE/  
METHODS/ MIDDLE AGE/ PANCREAS, drug



# AUTHOR SECTION

- effects/ \*PANCREAS, secretion/  
\*PANCREATIC JUICE, drug effects/  
\*PANCREOZYMIN, pharmacodynamics/  
TRYPSIN, secretion
5753. Schwabe C: Age dependent changes of certain peptide hydrolases and dehydrogenases in bovine dental pulp. J Dent Res 48:951-6, Sep-Oct 69  
AGE FACTORS/ ANIMAL EXPERIMENTS/  
CARBONIC ANHYDRASE, biosynthesis/  
CATTLE/ CULTURE MEDIA/ \*DENTAL  
PULP, enzymology/ ELECTROPHORESIS,  
DISK/ LACTATE DEHYDROGENASE,  
biosynthesis/ MALATE DEHYDROGENASE,  
biosynthesis/ \*OXIDOREDUCTASES,  
biosynthesis/ \*PEPTIDE HYDROLASES,  
biosynthesis
5754. Schwalbová M, Cáp J, Horka G: Hemolytickouremický syndróm u sedemročného chlapca. Cesk Pediat 25:282-4, Jun 70 (Slo)  
ANEMIA, HEMOLYTIC, blood/ \*ANEMIA,  
HEMOLYTIC, diagnosis/ BLOOD  
COAGULATION TESTS/ CHILD/ ENGLISH  
ABSTRACT/ HUMAN/ KIDNEY FAILURE,  
ACUTE, blood/ \*KIDNEY FAILURE, ACUTE,  
diagnosis/ MALE/ THROMBOPENIA, blood/  
\*THROMBOPENIA, diagnosis
5755. Schwartz CJ, Korn ME, Edwards JE, et al: Pathologic sequelae and complications of ventriculotomy. II. With particular reference to platelet thromboemboli in the small intramyocardial vessels. Arch Path (Chicago) 89:56-64, Jan 70  
BLOOD PLATELETS/ BRAIN, pathology/  
FEMALE/ \*HEART SURGERY/ HEART  
SURGERY, adverse effects/ HEART  
VENTRICLE, surgery/ HUMAN/ KIDNEY  
GLOMERULUS, pathology/ LIVER, pathology/  
MALE/ \*MYOCARDIUM, pathology/  
\*POSTOPERATIVE COMPLICATIONS/  
\*THROMBOEMBOLISM, etiology
5756. Schwartz HJ, Kellermeyer RW: Carrageenan and delayed hypersensitivity. II. Activation of Hageman factor by carrageenan and its possible significance. Proc Soc Exp Biol Med 132:1021-4, Dec 69  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ BLOOD VESSELS/  
\*CARRAGEENAN, pharmacodynamics/  
\*FACTOR XII/ GUINEA PIGS/ HUMAN/  
\*HYPERSENSITIVITY, DELAYED/ KININS/  
METHODS/ PERMEABILITY
5757. Schwartz SI, Bernard RP, Adams JT, et al: Splenectomy for hematologic disorders. Arch Surg (Chicago) 101:338-47, Aug 70  
ADOLESCENCE/ ADULT/  
AGRANULOCYTOSIS, surgery/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, surgery/ BLOOD  
PLATELET DISORDERS, mortality/ \*BLOOD  
PLATELET DISORDERS, surgery/ CHILD/  
CHILD, PRESCHOOL/ FEMALE/  
HEMATOLOGIC DISEASES, mortality/  
\*HEMATOLOGIC DISEASES, surgery/  
HUMAN/ HYPERSPLENISM, surgery/  
LEUKEMIA, surgery/ LYMPHOMA, surgery/  
MALE/ MIDDLE AGE/ MYELOID  
METAPLASIA, surgery/ PROGNOSIS/  
PURPURA, THROMBOPENIC, surgery/  
PURPURA, THROMBOTIC THROMBOPENIC,  
surgery/ SPHEROCYTOSIS, HEREDITARY,  
surgery/ \*SPLENECTOMY/ SPLENIC  
DISEASES, mortality/ SPLENIC DISEASES,  
surgery/ \*SPLENIC DISEASES, surgery/  
THALASSEMIA, surgery
5758. Schweisheimer W: Kryochirurgie und Kryobiologie in den USA. Munchen Med Wschr 111:2513-6, 28 Nov 69 (Ger)  
ADULT/ BLOOD PRESERVATION/ COLD/  
\*CRYOGENIC SURGERY/ ENGLISH  
ABSTRACT/ ERYTHROCYTES/ FEMALE/  
FREEZING/ HEART VALVES, surgery/  
HUMAN/ INSEMINATION, ARTIFICIAL/  
MALE/ NEOPLASMS, surgery/ PITUITARY  
NEOPLASMS, surgery/ \*PRESERVATION,  
BIOLOGICAL/ PROSTATIC HYPERTROPHY,
- surgery/ SEMEN/ UNITED STATES/ WARTS,  
surgery
5759. Schweizer E, Piccinini F, Duba C, et al: Die Malonyl-Bindungsstellen des Fettsäuresynthetase-Komplexes aus Hefe. Europ J Biochem 15:483-99, Sep 70 (Ger)  
ACETATES/ AMIDES/ AMINO ACIDS,  
analysis/ BINDING SITES/ CARBON  
ISOTOPES/ CHROMATOGRAPHY, ION  
EXCHANGE/ CHROMATOGRAPHY, PAPER/  
COENZYME A/ CYSTEAMINE, analysis/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
ETHYLMALIMIDE/ \*FATTY ACIDS,  
biosynthesis/ FORMIC ACIDS/  
HYDROXYBUTYRATES/ IODOACETATES/  
\*MALONATES/ PEPsin/ PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDES, analysis/  
PEROXIDES/ PRECIPITATION/  
SACCHAROMYCES, enzymology/ SERINE/  
SPECTROPHOTOMETRY/ TRICHLOROACETIC  
ACID/ ULTRAVIOLET RAYS
5760. Schweizer O: The recovery and intensive care unit, a clinical laboratory. Anesthesiology 32:246-54, Mar 70  
ACIDOSIS, therapy/ ALKALOSIS, therapy/  
ANURIA, therapy/ ARRHYTHMIA, therapy/  
BLOOD COAGULATION DISORDERS, therapy/  
HUMAN/ \*INTENSIVE CARE UNITS/ LUNG  
DISEASES, therapy/ MYOCARDIAL INFARCT,  
therapy/ \*POSTOPERATIVE CARE/  
\*POSTOPERATIVE COMPLICATIONS/  
RESPIRATORY INSUFFICIENCY, therapy/  
WATER-ELECTROLYTE BALANCE
5761. Schweizer W: Die medizinische Behandlung der koronaren Herzkrankheit. Deutsch Med Wschr 94:2646-9, 19 Dec 69 (Ger)  
ACUTE DISEASE/ ANGINA PECTORIS,  
therapy/ ANTICOAGULANTS, therapeutic use/  
BLOOD PRESSURE, drug effects/ BLOOD  
PRESSURE DETERMINATION/ BODY  
WEIGHT/ CHRONIC DISEASE/ CORONARY  
DISEASE, drug therapy/ \*CORONARY  
DISEASE, therapy/ DIET, REDUCING/  
HUMAN/ HYPERTENSION, therapy/  
SMOKING
5762. Schwilden ED, Philipp R, Willmen HR, et al: Die Noblesche Plication. Bruns Beitr Klin Chir 217:732-45, Dec 69 (Ger)  
ABDOMEN, surgery/ ADHESIONS, prevention  
& control/ \*ADHESIONS, surgery/  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
HUMAN/ INFANT/ \*INTESTINAL FISTULA,  
surgery/ \*INTESTINAL OBSTRUCTION,  
surgery/ METHODS/ MIDDLE AGE/  
\*PERITONITIS, surgery/ \*POSTOPERATIVE  
COMPLICATIONS, mortality/ SUTURE  
TECHNICS/ SUTURES
5763. Schwimmer D: Septic shock. Management of intra-abdominal abscesses. Minn Med 53:389-91, Apr 70  
\*ABSCCESS, therapy/ ADRENAL CORTEX  
HORMONES, therapeutic use/ ANTIBIOTICS,  
therapeutic use/ BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD TRANSFUSION/  
GLUCOSE, therapeutic use/ HEPARIN,  
administration & dosage/ HUMAN/  
INTESTINES, blood supply/ ISOPROTERENOL,  
administration & dosage/ KIDNEY, blood  
supply/ LIVER CIRCULATION/ \*SEPTICEMIA,  
therapy/ SHOCK, ENDOTOXIC, complications/  
SHOCK, ENDOTOXIC, drug therapy/ \*SHOCK,  
ENDOTOXIC, therapy/ SHWARTZMAN  
PHENOMENON, etiology
5764. Scobie BA: Scurvy in the adult. New Zeal Med J 70:398-400, Dec 69  
AGED/ ANEMIA/ ASCORBIC ACID,  
therapeutic use/ ASCORBIC ACID  
DEFICIENCY/ EDEMA/ HEMATOMA/  
HUMAN/ HYDRARTHROSIS/ MALE/ MIDDLE  
AGE/ \*SCURVY/ SCURVY, blood/ SCURVY,  
diagnosis/ SCURVY, drug therapy/ SCURVY,  
occurrence/ SINGLE PERSON
5765. Scott GL, Oates M, Grimes AJ: Some effects of pH and



## AUTHOR SECTION

- temperature upon normal human red cell adenosine triphosphate. *Scand J Haemat* 6:227-35, 1969
- ACIDS/ ADENOSINE TRIPHOSPHATE, analysis/ \*ADENOSINE TRIPHOSPHATE, metabolism/ ANTICOAGULANTS, pharmacodynamics/ CITRATES/ EDTA/ ERYTHROCYTES, analysis/ \*ERYTHROCYTES, metabolism/ FIBRIN, isolation & purification/ GLUCOSE/ GLUCOSE OXIDASE/ HEPARIN, pharmacodynamics/ HUMAN/ \*HYDROGEN-ION CONCENTRATION/ PERCHLORIC ACIDS/ \*TEMPERATURE
5766. Scott JE, Harbinson RJ: Periodate oxidation of acid polysaccharides. II. Rates of oxidation of uronic acids in polyuronides and acid mucopolysaccharides. *Histochemie* 19:155-61, 1969
- \*ALGINATES/ CHEMISTRY/ CHICKENS/ \*CHONDROITIN/ COMB AND WATTLES/ \*HEPARIN/ HISTOCYTOCHEMISTRY/ HUMAN/ \*HYALURONIC ACID/ LUNG/ MESOTHELIOMA/ METHODS/ MUCOPOLYSACCHARIDES, analysis/ MUCUS/ NASAL SEPTUM/ \*PERIODIC ACIDS/ SKIN/ SWINE/ UMBILICAL CORD/ \*URONIC ACIDS
5767. Scott JM, Paterson N, Goldie H: Defibrination syndrome in abruptio placentae and ABO blood type. *J Obstet Gynaec Brit Comm* 76:806-8, Sep 69
- \*ABO FACTORS/ \*ABRUPTIO PLACENTAE, complications/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD GROUP INCOMPATIBILITY/ FEMALE/ FETOMATERNAL TRANSFUSION/ \*FIBRINOGEN/ HUMAN/ THROMBOSIS, occurrence
5768. Scott R, Gordon S, Schatz A, et al: Acute hemolysis and thrombocytopenia in eclampsia. Report of a case. *Obstet Gynec* 36:128-31, Jul 70
- ADULT/ \*ECLAMPSIA, mortality/ FEMALE/ \*HEMOLYSIS/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ PREGNANCY/ \*PREGNANCY TOXEMIAS, mortality/ \*THROMBOPENIA
5769. Scott RB, Still WJ: Glycogen in human blood platelets. Isolation by ultracentrifugation and characteristics of the isolated particles. *Blood* 35:517-32, Apr 70
- ACID PHOSPHATASE, blood/ ADULT/ AMYLASE, pharmacodynamics/ \*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ DETERGENTS, pharmacodynamics/ DEXTRAN, pharmacodynamics/ \*GLYCOGEN, blood/ GLYCOGEN, isolation & purification/ HUMAN/ MICROSCOPY, ELECTRON/ SPECTROPHOTOMETRY/ SUCROSE/ \*ULTRACENTRIFUGATION
5770. Scott RE: Effects of prostaglandins, epinephrine and NaF on human leukocyte, platelet and liver adenylyl cyclase. *Blood* 35:514-6, Apr 70
- ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ CHEMOTAXIS/ \*ENZYMES/ \*EPINEPHRINE, pharmacodynamics/ \*FLUORIDES, pharmacodynamics/ HUMAN/ LEUKOCYTES, drug effects/ \*LEUKOCYTES, enzymology/ LEUKOCYTES, immunology/ LEUKOCYTES, metabolism/ LIVER, drug effects/ \*LIVER, enzymology/ LIVER, metabolism/ MALE/ PHAGOCYTOSIS/ \*PROSTAGLANDINS, pharmacodynamics/ SODIUM
5771. Scott WA, Mitchell HK: Secondary modification of cytochrome c by *Neurospora crassa*. *Biochemistry (Wash)* 8:4282-9, Nov 69
- AMINO ACIDS, analysis/ AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CULTURE MEDIA/ CYTOCHROMES, biosynthesis/ CYTOCHROMES, isolation & purification/ \*CYTOCHROMES, metabolism/ KINETICS/ LYSINE, metabolism/ METHYLATION/ \*MITOCHONDRIA, metabolism/ MUTATION/ \*NEUROSPORA, metabolism/ PEPTIDES, biosynthesis/ PEPTIDES, metabolism/ TRITIUM/ ULTRACENTRIFUGATION
5772. Scully NM: A new look at pulmonary embolism. *Surg Clin N Amer* 50:343-50, Apr 70
- ANTICOAGULANTS, therapeutic use/ CATHETERIZATION/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ \*PULMONARY EMBOLISM, surgery/ PULMONARY EMBOLISM, therapy
5773. Seed TM, Kreier JP: Autoimmune reactions in chickens with *Plasmodium gallinaceum* infection: the isolation and characterization of a lipid from trypsinized erythrocytes which reacts with serum from acutely infected chickens. *Milit Med* 134:1220-7, Sep 69
- ANIMAL EXPERIMENTS/ AUTOANTIBODIES/ \*CHICKENS/ CHROMATOGRAPHY, THIN LAYER/ ERYTHROCYTES, immunology/ \*LIPIDS, isolation & purification/ \*MALARIA, blood/ METHODS/ \*PLASMODIUM, immunology/ TRYPSIN
5774. Seedorff HH, Lawaetz B: Intracapsular cataract extraction by the cryotechnique and other methods. A comparative study of 826 cases. *Acta Ophthal (Kobenhavn)* 47:761-73, 1969
- ADULT/ AGE FACTORS/ AGED/ CATARACT, complications/ \*CATARACT EXTRACTION/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ \*CRYOGENIC SURGERY/ DENMARK/ DIABETES MELLITUS, complications/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ VISUAL ACUITY
5775. Seegers WH, McCoy L, Marciniak E, et al: Theory of blood coagulation: applications in disseminated intravascular coagulation. *Thromb Diath Haemorrh* 36:Suppl 36:239+, 1969
- \*BLOOD COAGULATION/ BLOOD COAGULATION, history/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS, metabolism/ CALCIUM, blood/ CITRATES/ ENZYME ACTIVATION/ FACTOR VIII, metabolism/ FIBRIN, biosynthesis/ FIBRINOLYSIS/ HISTORICAL ARTICLE/ HUMAN/ LIPIDS, blood/ PROTHROMBIN, metabolism/ SODIUM/ THROMBIN, biosynthesis/ THROMBOPLASTIN, metabolism
5776. Seegers WH, Murano G, McCoy L, et al: The coagulation of blood: preliminary survey of thrombin and autoprothrombin zymogen structure. *Life Sci* 8:925-32, 15 Sep 69
- AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ \*BLOOD COAGULATION FACTORS, analysis/ CATTLE/ \*ENZYME PRECURSORS, analysis/ FACTOR VII/ \*FACTOR X, analysis/ MOLECULAR WEIGHT/ PEPTIDES/ \*PROTHROMBIN, analysis/ THROMBIN, analysis
5777. Seegers WH, Murano G, McCoy L: Structural changes in prothrombin during activation: a theory. *Thromb Diath Haemorrh* 23:26-36, 28 Feb 70
- AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD COAGULATION TESTS/ CALCIUM, pharmacodynamics/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENZYME ACTIVATION/ GEL FILTRATION/ IN VITRO/ MOLECULAR WEIGHT/ \*PROTHROMBIN, analysis/ PROTHROMBIN, isolation & purification/ THROMBIN, isolation & purification/ VENOMS, pharmacodynamics
5778. Seeler RA: Therapy for AHF and PTC hemophilia. I. *Illinois Med J* 137:518-21, May 70
- BLOOD TRANSFUSION/ \*CHRISTMAS DISEASE, therapy/ CRYOGLOBULINS,



## AUTHOR SECTION

- therapeutic use/ FACTOR VIII, therapeutic use/ FACTOR IX/ \*HEMOPHILIA, therapy/ HUMAN/ PLASMA
5779. Seeler RA: Therapy for AHF and PTC hemophilia. II. Illinois Med J 137:598-602 passim, Jun 70  
\*FACTOR VIII, administration & dosage/  
\*FACTOR IX, administration & dosage/  
HEMOPHILIA, complications/ \*HEMOPHILIA, therapy/ HUMAN
5780. Seeler RA, Kapadia P, Moncada R: Nonsurgical management of thrombosis of bilateral renal veins and inferior vena cava in a newborn infant. Clin Pediat (Phila) 9:543-7, Sep 70  
\*HEPARIN, therapeutic use/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, drug therapy/ \*RENAL VEINS/ RENAL VEINS, radiography/ \*THROMBOPHLEBITIS, drug therapy/ UROGRAPHY/ \*VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, radiography
5781. Seely JH, Edattell R, Benoiton NL: Determination of several ammonia or amino acid samples on one chromatogram with an amino acid analyzer. J Chromatogr 45:52-6, 25 Nov 69  
AMIDES/ \*AMINO ACIDS, analysis/  
\*AMMONIA, analysis/ AUTOANALYSIS/  
CHEMISTRY/ CHROMATOGRAPHY/ ESTERS/  
METHODS/ TRYPSIN
5782. Seeman T: Pharmacological, rheological and surgical attempts to improve myocardial blood flow during coronary occlusion in dogs. Acta Chir Scand Suppl 400:3+, 1969  
ANIMAL EXPERIMENTS/ \*BLOOD VISCOSITY/ \*COLLATERAL CIRCULATION/ COLLATERAL CIRCULATION, drug effects/ CORONARY DISEASE, physiopathology/ CORONARY VESSELS/ DIPYRIDAMOLE, pharmacodynamics/ DOGS/ GLYCERYL TRINITRATE, pharmacodynamics/ HEMATOCRIT/ ISCHEMIA, physiopathology/ KRYPTON/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ RADIOISOTOPES/ \*THORACIC ARTERIES, surgery/ \*VASODILATOR AGENTS, therapeutic use/ XENON
5783. Sefton BM, Rubin H: Release from density dependent growth inhibition by proteolytic enzymes. Nature (London) 227:843-5, 22 Aug 70  
ANIMAL EXPERIMENTS/ CELL COUNT/ CHICK EMBRYO, cytology/ CULTURE MEDIA/ IN VITRO/ \*MITOSIS, drug effects/ \*PEPTIDE HYDROLASES, pharmacodynamics/ \*PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ RADIOAUTOGRAPHY/ SOY BEANS/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ \*TISSUE CULTURE/ TRITIUM/ \*TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics
5784. Sega E: Il contributo del laboratorio di analisi cliniche nella diagnostica delle neoplasie. Minerva Med 60:3162-75, 1 Sep 69 (Ita)  
ANTIBODIES, analysis/ \*BIOCHEMISTRY/ BLOOD CELL COUNT/ \*BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ \*DIAGNOSIS, LABORATORY/ ELECTROLYTES, metabolism/ ENZYME TESTS/ HORMONES, analysis/ HUMAN/ \*NEOPLASMS, diagnosis
5785. Sehrbunt HJ, Schröder R, Uhlenbruck G: Drehwinkel- und Durchmesserbestimmungen an Rindererythrocyten vor und nach Behandlung mit Proteasen. Zbl Veterinaarmed [A] 16:515-21, Aug 69 (Ger)  
CATTLE/ ENGLISH ABSTRACT/ \*ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ MICROSCOPY, INTERFERENCE/ \*PEPTIDE HYDROLASES, pharmacodynamics
5786. Seidel G, Stücker HU, Vogt W: Role of plasmin for kinin formation in human plasma. Naunyn Schmiedeberg Arch Pharm 264:305-6, 1969  
ALPHA GLOBULIN/ ENZYME ACTIVATION/
- \*FIBRINOLYSIN/ HEAT/ HUMAN/ \*KININS, blood/ PLASMA
5787. Seidel JC: The effects of monovalent and divalent cations on the ATPase activity of myosin. Biochim Biophys Acta 189:162-70, 21 Oct 69  
\*ADENOSINE TRIPHOSPHATASE/  
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ AMMONIUM COMPOUNDS/ BINDING SITES/ CADMIUM/ CALCIUM/ CHEMISTRY/ CHLORIDES/ COBALT/ COMPUTERS, DIGITAL/ COPPER/ ENZYME ACTIVATION/ \*IONS/ KINETICS/ MAGNESIUM/ MANGANESE/ \*MUSCLE PROTEINS/ NICKEL/ POTASSIUM/ POTASSIUM CHLORIDE/ SODIUM/ STRONTIUM/ TRYPSIN/ ZINC
5788. Seidl S, Ekert WD, Spielmann W: Isoimmune neonatal thrombocytopenic purpura in two siblings. German Med Monthly 14:496-8, Oct 69  
ADULT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES, diagnosis/ MALE/ PEDIGREE/ \*PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, familial & genetic/ PURPURA, THROMBOPENIC, therapy/ SERODIAGNOSIS
5789. Seidl S, Heyden V von der, Knoch H, et al: Untersuchungen zur Tiefkühlkonservierung von Blut. I. Die Verwendung niedriger Glycerin-Konzentrationen bei Temperaturen von 1 degrees C. Blut 20:148-56, 1970 (G)  
\*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ ERYTHROCYTE COUNT/ ERYTHROCYTES, analysis/ \*FREEZING/ \*GLYCERIN/ HEMOGLOBINOMETRY/ HEMOLYSIS/ HUMAN/ POTASSIUM, analysis
5790. Seidl S, Holtz G: Die Bestimmung der Thrombozyten-Überlebenszeit und Oberflächenaktivität bei Patienten mit idiopathischer thrombopenischer Purpura. Deutsch Med Wschr 95:266 passim, 6 Feb 70 (G)  
ADOLESCENCE/ ADULT/ \*BLOOD PLATELETS/ CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER, physiology/ MALE/ MIDDLE AGE/ \*PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, immunology/ SPLEEN, physiology/ SPLENECTOMY/ SURFACE PROPERTIES/ TIME FACTORS
5791. Seidl S, Spielmann W: Die Konservierung des Erythrozyten bei 196 degree C. Bibl Haemat 32:205-11, 1969 (G)  
ALBUMINS, pharmacodynamics/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ DEXTRAN, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ \*ERYTHROCYTES/ \*FREEZING/ FREEZING, adverse effects/ GELATIN, pharmacodynamics/ GLYCERIN, pharmacodynamics/ HEMOLYSIS/ HUMAN/ LACTOSE, pharmacodynamics/ POLYVINYLPIRROLIDONE, pharmacodynamics/ STARCH, pharmacodynamics/ TIME FACTORS
5792. Seidler RJ, Starr MP: Isolation and characterization of host-independent Bdellovibrios. J Bact 100:769-85, Nov 69  
BACTERIA, classification/ BACTERIA, cytology/ \*BACTERIA, isolation & purification/ BACTERIA, metabolism/ BACTERIOLOGICAL TECHNIQS/ BACTERIOLYSIS/ CARBON, metabolism/ CULTURE MEDIA/ CYTOCHROMES, analysis/ FERMENTATION/ METHODS/ MICROBIAL SENSITIVITY TESTS/ MICROSCOPY, ELECTRON/ \*PARASITES, isolation & purification/ PEPTIDE HYDROLASES, analysis/ SPECTRUM ANALYSIS
5793. Seifart KH, Sekeris CE: Alpha-amanitin, a specific inhibitor of transcription by mammalian RNA-polymerase. Z Naturforsch [B] 24:1538-44, Dec 69



## AUTHOR SECTION

- ADENOSINE TRIPHOSPHATE, metabolism/  
ANIMAL EXPERIMENTS/ CELL NUCLEUS,  
enzymology/ DEPRESSION, CHEMICAL/  
ESCHERICHIA COLI, enzymology/ \*GENETIC  
CODE, drug effects/ HEPARIN,  
pharmacodynamics/ LIVER, cytology/ LIVER,  
enzymology/ MALE/ \*MYCOTOXINS,  
pharmacodynamics/ RATS/ RNA, biosynthesis/  
\*RNA NUCLEOTIDYL- TRANSFERASES,  
antagonists & inhibitors/ TRITIUM/ URACIL  
NUCLEOTIDES, metabolism
5794. Seiffert UB: Photometric estimation of lipase activity  
using micellar solubilized substrate.  
Clin Chim Acta 28:51-60, Apr 70  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BILE ACIDS AND SALTS/  
BUFFERS/ CALCIUM/  
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/  
CRESOLS/ CYCLIC S-OXIDES/ ENZYME  
ACTIVATION/ ESTERASES, antagonists &  
inhibitors/ GLYCERIDES/ HYDROGEN-ION  
CONCENTRATION/ INDICATORS AND  
REAGENTS/ KINETICS/ \*LIPASE, analysis/  
LIVER, enzymology/ MAGNESIUM/ METHODS/  
OSMOLAR CONCENTRATION/ PANCREAS,  
enzymology/ \*PHOTOMETRY/ SWINE/  
TEMPERATURE/ TRYPSIN
5795. Seifulla RD: Vlianie AKTG i kortikosteroidov na  
fibrinostabilizirushchii faktor.  
Farmakol Toksik 32:464-5, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION TESTS/ COMPARATIVE  
STUDY/ \*CORTICOTROPIN,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
\*DESOXYCORTICOSTERONE,  
pharmacodynamics/ ENGLISH ABSTRACT/  
\*FACTOR XIII/ FACTOR XIII, antagonists &  
inhibitors/ \*HYDROCORTISONE,  
pharmacodynamics/ \*PREDNISOLONE,  
pharmacodynamics/ RABBITS/ STIMULATION,  
CHEMICAL
5796. Seifulla RD, Sergeev PV, Maiskii AI: Nekotorye dannye  
o znachenii ul'trastruktur razlichnykh organov v  
mekhanizme svertyvaniia krovi.  
Probl Gemat 14:46-54, May 69 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION FACTORS, analysis/ \*BLOOD  
COAGULATION FACTORS, biosynthesis/  
ENGLISH ABSTRACT/ KIDNEY, analysis/  
KIDNEY, metabolism/ LIVER, metabolism/  
MALE/ MICROSCOPY, ELECTRON/  
MICROSOMES, analysis/ MICROSOMES, LIVER,  
analysis/ MITOCHONDRIA, analysis/  
MITOCHONDRIA, LIVER, analysis/ RABBITS/  
RATS
5797. Seim H: Polycythemia. Differential diagnosis and  
treatment. Minn Med 53:557-61, May 70 (7 ref.)  
ALKYLATING AGENTS, adverse effects/  
ANOXIA, complications/ BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
VOLUME/ DIAGNOSIS, DIFFERENTIAL/  
ENVIRONMENTAL EXPOSURE/ HEART  
FAILURE, CONGESTIVE, complications/  
HEMATOCRIT/ HUMAN/ OBESITY,  
complications/ PHOSPHORUS ISOTOPES,  
therapeutic use/ \*POLYCYTHEMIA/  
POLYCYTHEMIA, diagnosis/ POLYCYTHEMIA,  
therapy/ \*POLYCYTHEMIA VERA/  
POLYCYTHEMIA VERA, diagnosis/  
POLYCYTHEMIA VERA, therapy/ REVIEW/  
WATER-ELECTROLYTE BALANCE
5798. Seiden HS: Bone wax as an effective hemostat in  
peripheral surgery. Oral Surg 29:262-4, Feb 70  
\*APICOECTOMY/ DENTAL AMALGAM/  
HEMORRHAGE, prevention & control/  
\*HEMOSTATICS/ HUMAN/ ROOT CANAL  
OBTURATION/ TOOTH ROOT/ \*WAXES
5799. Seligmann M, Cannat A: Syndromes auto-immunitaires  
en clinique humaine.  
Ann Inst Pasteur (Paris) 118:485-512, Apr 70 (168 ref.) (Fre)  
ADDISON'S DISEASE, immunology/ ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, immunology/  
ANEMIA, PERNICIOUS, immunology/  
ARTHRITIS, RHEUMATOID, immunology/  
\*AUTOANTIBODIES, analysis/ \*AUTOIMMUNE  
DISEASES/ COLITIS, immunology/ DIABETES  
MELLITUS, immunology/ ENGLISH  
ABSTRACT/ GLOMERULONEPHRITIS,  
immunology/ GOITER, EXOPHTHALMIC,  
immunology/ HEPATITIS, immunology/  
HUMAN/ HYPOPARATHYROIDISM,  
immunology/ LIVER CIRRHOSIS, immunology/  
LUPUS ERYTHEMATOSUS, SYSTEMIC,  
immunology/ MULTIPLE SCLEROSIS,  
immunology/ MYASTHENIA GRAVIS,  
immunology/ MYXEDEMA, immunology/  
OPHTHALMIA, SYMPATHETIC, immunology/  
PEMPHIGUS, immunology/ PURPURA,  
THROMBOPENIC, immunology/ REVIEW/  
RHEUMATIC HEART DISEASE, immunology/  
SCLERODERMA, immunology/ SJOGREN'S  
SYNDROME, immunology/ STERILITY, MALE,  
immunology/ THYROIDITIS, LYMPHOMATOUS,  
immunology/ UVEITIS, immunology
5800. Seligsohn U, Shani M, Ramot B, et al: Hereditary  
deficiency of blood clotting factor VII and  
Dubin-Johnson syndrome in an Israeli family.  
Israel J Med Sci 5:1060-5, Sep-Oct 69  
BLOOD COAGULATION TESTS/  
HYPOPROCONVERTINEMIA, complications/  
\*HYPOPROCONVERTINEMIA, familial &  
genetic/ IRAN/ ISRAEL/ JAUNDICE,  
CHRONIC IDIOPATHIC, complications/  
\*JAUNDICE, CHRONIC IDIOPATHIC, familial  
& genetic
5801. Seligsohn U, Shani M, Ramot B: Gilbert syndrome and  
factor-VII deficiency. Lancet 1:1398, 27 Jun 70  
ADULT/ HUMAN/ \*HYPERBILIRUBINEMIA,  
HEREDITARY, complications/  
\*HYPOPROCONVERTINEMIA, complications/  
MALE
5802. Seliverstov SA, Sidorovich EI: Vlianie nerobola i  
prednizolona na razvitie mezharterial'nykh  
anastomozov pri eksperimental'nom infarkte  
mlokarda. Farmakol Toksik 33:48-51, Jan-Feb 70 (Rus)  
ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ CATS/ \*COLLATERAL  
CIRCULATION, drug effects/ COMPARATIVE  
STUDY/ DEPRESSION, CHEMICAL/  
ELECTROCARDIOGRAPHY/ ENGLISH  
ABSTRACT/ \*HEART, physiopathology/  
\*HEART RATE, drug effects/  
\*METHANDROSTENOLONE, pharmacodynamics/  
METHANDROSTENOLONE, therapeutic use/  
\*MYOCARDIAL INFARCT, drug therapy/  
MYOCARDIAL INFARCT, physiopathology/  
\*PREDNISOLONE, pharmacodynamics/  
PREDNISOLONE, therapeutic use/  
STIMULATION, CHEMICAL
5803. Sellers EM, Koch-Weser J: Displacement of warfarin  
from human albumin by diazoxide and ethacrynic,  
mefenamic, and nalidixic acids.  
Clin Pharmacol Ther 11:524-9, Jul-Aug 70  
\*ANTHRANILIC ACID, pharmacodynamics/  
\*ANTI-INFLAMMATORY AGENTS,  
pharmacodynamics/ BLOOD COAGULATION,  
drug effects/ \*DIAZOXIDE, pharmacodynamics/  
\*ETHACRYNIC ACID, pharmacodynamics/  
HUMAN/ \*NALIDIXIC ACID,  
pharmacodynamics/ PROTEIN BINDING, drug  
effects/ \*SERUM ALBUMIN, metabolism/  
WARFARIN, blood/ \*WARFARIN, metabolism
5804. Sellers EM, Koch-Weser J: Potentiation of  
warfarin-induced hypoprothrombinemia by chloral  
hydrate. New Eng J Med 283:827-31, 15 Oct 70  
BINDING SITES/ BLOOD COAGULATION,  
drug effects/ CHLORAL HYDRATE,  
administration & dosage/ CHLORAL  
HYDRATE, adverse effects/ CHLORAL  
HYDRATE, metabolism/ \*CHLORAL  
HYDRATE, pharmacodynamics/ CHLORAL  
HYDRATE, therapeutic use/ DEPRESSION,  
CHEMICAL/ DRUG SYNERGISM/ HUMAN/  
\*HYPOPROTHROMBINEMIAS, chemically  
induced/ HYPOPROTHROMBINEMIAS,  
prevention & control/ MALE/ PROTEIN  
BINDING/ PROTHROMBIN, analysis/



# AUTHOR SECTION

- PROTHROMBIN TIME/ SERUM ALBUMIN, metabolism/ TRICHLOROACETIC ACID, blood/ TRICHLOROACETIC ACID, metabolism/ WARFARIN, administration & dosage/ WARFARIN, blood/ WARFARIN, metabolism/ \*WARFARIN, pharmacodynamics
5805. Selmanowitz VJ: Unilateral nevoid telangiectasia. *Ann Intern Med* 73:87-90, Jul 70  
ADULT/ ERYTHEMA, complications/ FEMALE/ HAND DERMATOSES, complications/ \*HEMANGIOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PERIPHERAL NERVES, physiopathology/ REFLEX/ \*SKIN NEOPLASMS, etiology/ \*TELANGIECTASIS, etiology
5806. Seltzer AP: Fenestrated hemostat for chelloplasty. Combined with implantation of Silastic in saddle nose. *J Nat Med Ass* 62:36-7, Jan 70  
HEMOSTASIS, instrumentation/ HUMAN/ \*LIP, surgery/ MALE/ METHODS/ \*PROSTHESIS/ \*RHINOPLASTY/ \*SILICONES/ \*SURGERY, PLASTIC
5807. Selye H: Protection by catatoxic steroids against phenindione overdosage. *Thromb Diath Haemorrh* 23:77-81, 28 Feb 70  
\*ANDROSTANES, therapeutic use/ ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE, therapeutic use/ DIMETHYL SULFOXIDE/ \*ESTRADIOL, therapeutic use/ ETHYLESTRENOL, therapeutic use/ HEMORRHAGIC DIATHESIS, chemically induced/ \*HEMORRHAGIC DIATHESIS, prevention & control/ HYDROXYDIONE, therapeutic use/ OXANDROLONE, therapeutic use/ \*PHENINDIONE, administration & dosage/ PHENINDIONE, toxicity/ PREDNISOLONE, therapeutic use/ \*PREGNANES, therapeutic use/ PREMEDICATION/ PROGESTERONE, therapeutic use/ RATS/ SPIRONOLACTONE, therapeutic use/ \*THYROXINE, therapeutic use/ TRIAMCINOLONE, therapeutic use
5808. Semancik JS: Identity of structural protein from two isolated of TRV with different length of associated short particles. *Virology* 40:618-23, Mar 70  
ACETIC ACIDS/ ACETONE/ ACRYLATES/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ ELECTROPHORESIS/ GELS/ HYDRAZINES/ MICROSCOPY, ELECTRON/ PEPTIDES, analysis/ \*PLANT VIRUSES, analysis/ SUCROSE/ TRYPSIN/ ULTRACENTRIFUGATION/ VIRAL PROTEINS, analysis/ \*VIRAL PROTEINS, isolation & purification
5809. Semar M, Skoza L, Johnson AJ: Partial purification and properties of a plasminogen activator from human erythrocytes. *J Clin Invest* 48:1777-85, Oct 69  
ELECTROPHORESIS/ \*ERYTHROCYTES, analysis/ FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS/ GELS/ HEMOLYSIS/ HYDROGEN-ION CONCENTRATION/ \*PLASMINOGEN/ TEMPERATURE
5810. Semenko IF, Bykov II: Primenenie novogo antikoagulanta befedona pri infarkte miokarda i stenokardii. *Sovet Med* 32:56-9, Jan 69 (Rus)  
ADULT/ \*ANGINA PECTORIS, drug therapy/ \*ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, prevention & control
5811. Sen DK: Placental hypertrophy associated with chorangioma. *Amer J Obstet Gynec* 107:652-4, 15 Jun 70  
ADULT/ FEMALE/ \*HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ HYPERTROPHY/ \*PLACENTA, pathology/ PLACENTA DISORDERS, complications/ PLACENTA DISORDERS, pathology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS
5812. Sengar DP, Douglas RJ, Jerome FN: Agglutinating activity of phytohemagglutinin on peripheral blood cells from chickens. *Int Arch Allerg* 38:291-304, 1970  
ABSORPTION/ ANIMAL EXPERIMENTS/ \*BLOOD CELLS, immunology/ BLOOD PLATELETS, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ CHICKENS/ ERYTHROCYTES, immunology/ FORMALDEHYDE, pharmacodynamics/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNIZATION SCHEDULE/ MITOSIS/ \*PLANT AGGLUTININS, pharmacodynamics/ SUCROSE
5813. Sengar DP, Douglas RJ, Jerome FN: Thrombocyte antigens of chickens. 2. Relationship with homograft survival and certain egg characteristics. *Poult Sci* 48:2142-5, Nov 69  
ANIMAL EXPERIMENTS/ \*ANTIGENS, analysis/ \*BLOOD PLATELETS, immunology/ CHICKENS/ EGGS/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
5814. Senkovskaia IaI: Lechenie ostrogo pankreatita s primeneniem trasilola. *Khirurgia (Moskva)* 45:98-101, Aug 69 (Rus)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ \*PANCREATITIS, drug therapy
5815. Senst W, Fischer U: Adhäsionsprophylaxe mit makromolekularen Lösungen. Ein tierexperimenteller Beitrag. *Bruns Beitr Klin Chir* 217:564-8, Oct 69 (Ger)  
ADHESIONS, chemically induced/ \*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ ASCITES, chemically induced/ \*DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ INJECTIONS, INTRAPERITONEAL/ MACROMOLECULAR SYSTEMS, therapeutic use/ PERITONEAL DISEASES, chemically induced/ \*PERITONEAL DISEASES, prevention & control/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ RATS/ TALC, adverse effects
5816. Seo M: Immunological quantitative method for fibrinolytic split products and its clinical use. *Acta Haemat Jap* 32:406-16, Jun 69  
ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CHILD/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, pharmacodynamics/ \*FIBRINOLYTIC AGENTS, blood/ FIBRINOLYTIC AGENTS, pharmacodynamics/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ \*IMMUNOLOGY/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ METHODS/ MIDDLE AGE/ URINE, analysis
5817. Seon BK, Roholt OA, Pressman D: Reactivity of tyrosine residues in the constant portion of type Bence Jones protein. *Biochim Biophys Acta* 200:81-3, 20 Jan 70  
AMINO ACID SEQUENCE/ \*BENCE JONES PROTEIN/ CHROMATOGRAPHY, PAPER/ DIODOTYROSINE, analysis/ ELECTROPHORESIS/ GAMMA GLOBULIN, 7S analysis/ HUMAN/ IODINE ISOTOPES/ IODOTYROSINE, analysis/ RADIOAUTOGRAPHY/ TRYPSIN/ \*TYROSINE
5818. Seon BK, Roholt OA, Pressman D: The reactivity of tyrosyl residues in Bence Jones protein: difference in rates of iodination in covalent and noncovalent dimers. *Biochim Biophys Acta* 194:397-405, 23 Dec 69  
AMINO ACIDS, analysis/ \*BENCE JONES PROTEIN/ BENCE JONES PROTEIN, analysis/ BENCE JONES PROTEIN, urine/ CHEMISTRY/ HUMAN/ \*IODINE/ IODINE ISOTOPES/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, analysis/ RADIOAUTOGRAPHY/ SPECTRUM



# AUTHOR SECTION

ANALYSIS/ TRYPSIN/ \*TYROSINE/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS

5819. Seppänen J, Markkula H: A giant congenital arteriovenous aneurysm in perineal region. Report of a case. Acta Chir Scand 135:647-8, 1969  
ADULT/ \*ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, surgery/ HEMANGIOMA, complications/ \*HEMANGIOMA, congenital/ HEMANGIOMA, surgery/ HUMAN/ MALE/ \*PERINEUM/ PERINEUM, surgery
5820. Sergeant A, Verbert A, Krsmanovic V, et al: Stabilité du complexe DNA-RNA du foie de rat. Arch Int Physiol 77:573-4, Aug 69 (Fre)  
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ \*DNA, analysis/ \*LIVER, analysis/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES/ RATS/ RIBONUCLEASE/ \*RNA, analysis
5821. Sergeev PV, Seifullia RD: Vliianie antagonistov geparina na ego sposobnost' obrazovyyvat' gel' v gomogenatakh tkanei. Farmakol Toksik 32:718-9, Nov-Dec 69 (Rus)  
ANIMAL EXPERIMENTS/ \*CELL NUCLEUS, drug effects/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ \*EPINEPHRINE, pharmacodynamics/ \*GELS/ \*HEPARIN, pharmacodynamics/ \*HEPARIN ANTAGONISTS, pharmacodynamics/ \*HYALURONIDASE, pharmacodynamics/ \*HYDROCORTISONE, pharmacodynamics/ IN VITRO/ KIDNEY, cytology/ LIVER, cytology/ \*MICROSOMES, drug effects/ \*MICROSOMES, LIVER, drug effects/ \*MITOCHONDRIA, drug effects/ MITOCHONDRIA, LIVER, drug effects/ PROTAMINES, pharmacodynamics/ RATS/ SPLEEN, cytology/ \*TARTRATES, pharmacodynamics/ THYMUS GLAND, cytology
5822. Sergeev VP: Izmenenie funktsional'nogo sostoyaniia gemokoagulatsii u pervichnykh donorov posle krovodachi v usloviakh nizko-, sredne- i vysokogor'ia. Sovet Zdravookhr Kirgiz 1:19-23, Jan-Feb 70 (Rus)  
ADOLESCENCE/ ADULT/ \*ALTITUDE/ \*BLOOD COAGULATION/ \*BLOOD DONORS/ FIBRINOLYSIS/ HUMAN/ KIRGHIZIA
5823. Sergel' OS, Adamian AA, Kachkov AP: O znachenii kapli Bolena v diagnostike raka legkogo. Eksp Khir Anest 15:12-5, May-Jun 70 (Rus)  
\*BLOOD COAGULATION TESTS/ CLOT RETRACTION/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ LUNG DISEASES, blood/ LUNG DISEASES, diagnosis/ \*LUNG NEOPLASMS, diagnosis/ METHODS
5824. Seringe P, Despres P, Allaneau C: Drépanocytose. Sem Hop Paris 46:223-37, 20 Jan 70 (Fre)  
ABDOMEN, ACUTE, etiology/ ACIDOSIS/ AMINO ACIDS, analysis/ ANEMIA, HEMOLYTIC, etiology/ \*ANEMIA, SICKLE CELL/ ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, drug therapy/ ANEMIA, SICKLE CELL, pathology/ ANEMIA, SICKLE CELL, radiography/ ANOXIA/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD VOLUME/ BONE DISEASES, etiology/ CHILD/ CHILD, PRESCHOOL/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ GENES, STRUCTURAL/ GENETIC CODE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HEMATOCRIT/ HEMOGLOBINOPATHIES, familial & genetic/ HEMOGLOBINS, ABNORMAL, analysis/ HEMORRHAGE, etiology/ HETEROZYGOTE/ HUMAN/ INFANT/ KIDNEY, pathology/ KIDNEY FUNCTION TESTS/ MALE/ MUTATION/ NEUROLOGIC MANIFESTATIONS/ OSMOLAR CONCENTRATION/ OXYGEN/ POLYURIA, etiology/ UROGRAPHY
5825. Serkina AV, Chernykh RI: Embolliia sosudov golovnogo mozga posle élektricheskoi depolarizatsii bol'noi mertsatel'noi aritmiei, lechennaia fibrinolizmom. Klin Med (Moskva) 47:149-50, Nov 69 (Rus)  
\*AURICULAR FIBRILLATION, therapy/ CASE REPORT/ \*CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ \*ELECTRIC COUNTERSHOCK, adverse effects/ FEMALE/ \*FIBRINOLYSIN, therapeutic use/ HUMAN/ MIDDLE AGE/ \*MITRAL VALVE STENOSIS, complications/ RHEUMATIC HEART DISEASE
5826. Serra GC, Gagliardi B, Chiaradia MO: Sulle emergenze da traumatismi del rachide e particolarmente della colonna cervicale. Possibilità di impiego della esclina. Minerva Anest 35:121-3, Feb 69 (Ita)  
ADULT/ \*AESCLULUS, therapeutic use/ \*CERVICAL VERTEBRAE, injuries/ \*EDEMA, drug therapy/ EDEMA, etiology/ EMERGENCIES/ HUMAN/ MALE/ \*SAPONINS, therapeutic use/ \*SPINAL CORD INJURIES, drug therapy/ \*SPINAL INJURIES, complications
5827. Serre H, Izarn P, Simon L, et al: Les atteintes de la hanche au cours de l'hémophilie. Marseille Med 106:483-93, 1969 (Fre)  
ADOLESCENCE/ ADULT/ CHILD/ \*HEMARTHROSIS, etiology/ \*HEMOPHILIA, complications/ \*HIP JOINT/ HUMAN/ MALE
5828. Serres EJ, German JC, Wakabayashi A, et al: Open chest pulsatile left-heart bypass without anticoagulation. An experimental study. Arch Surg (Chicago) 101:18-20, Jul 70  
ANIMAL EXPERIMENTS/ ANTIBIOTICS/ \*ANTICOAGULANTS/ \*AORTA, THORACIC, surgery/ AORTIC VALVE/ BENZALKONIUM CHLORIDE/ CARBON/ DOGS/ \*EXTRACORPOREAL CIRCULATION/ FURANS/ HEART, MECHANICAL/ METHODS/ POLYMERS/ POLYURETHANES/ POLYVINYLS/ SILICONES/ SOLUTIONS/ SWINE/ \*THROMBOSIS, prevention & control/ TIME FACTORS
5829. Sewell IA: Tissue circulation problems in anaesthesia. Ann Roy Coll Surg Eng 46:132-4, Mar 70  
\*ANESTHESIA/ ANESTHETICS/ BLOOD VESSELS, innervation/ BLOOD VISCOSITY/ HUMAN/ \*REGIONAL BLOOD FLOW/ VASOCONSTRICTOR AGENTS/ VASODILATOR AGENTS
5830. Sewell RL: Intraluminal venous angioma. Texas Med 66:64-5, May 70  
CASE REPORT/ FEMALE/ \*HEMANGIOMA, pathology/ HUMAN/ \*JUGULAR VEIN, pathology/ MIDDLE AGE
5831. Sezille G, Jallard J, Biserte G: Le métabolisme du tissu adipeux chez l'homme normal et dans divers désordres métaboliques. I. Métabolisme du tissu adipeux humain normal. Ann Biol Clin (Paris) 28:115-9, 1970 (Fre)  
\*ADIPOSE TISSUE, metabolism/ CATECHOLAMINES, metabolism/ ENZYME ACTIVATION/ GLUCOSE, metabolism/ HUMAN/ LIPASE, metabolism/ \*LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ REVIEW/ TRIGLYCERIDES, metabolism
5832. Sfondrini E, Barberi G: Controlli elettroencefalografici ed audiometrici in soggetti arteriosclerotici di età presenile e senile sottoposti a trattamento con complesso sulfomucopolisaccaridico estrattivo ad attività fibrinolitica. Minerva Med 60:Suppl 99:5082+, 12 Dec 69 (Ita)  
AGED/ \*ARTERIOSCLEROSIS, drug therapy/ AUDIOMETRY/ \*BLOOD COAGULATION, drug effects/ \*CEREBRAL ARTERIOSCLEROSIS, drug therapy/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ \*HEARING, drug effects/ \*HEPARINOID, therapeutic use/ HUMAN/ \*MENTAL DISORDERS, drug therapy/ MIDDLE AGE/ TINNITUS, prevention & control/ VERTIGO, prevention & control/ VESTIBULAR APPARATUS, drug effects
5833. Shaffer CF: Ascorbic acid and atherosclerosis.



# AUTHOR SECTION

- Amer J Clin Nutr 23:27-30, Jan 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/  
ARTERIOSCLEROSIS, drug therapy/  
\*ARTERIOSCLEROSIS, etiology/  
ARTERIOSCLEROSIS, pathology/ ASCORBIC  
ACID, metabolism/ ASCORBIC ACID,  
therapeutic use/ \*ASCORBIC ACID  
DEFICIENCY, complications/ ASCORBIC ACID  
DEFICIENCY, drug therapy/ ASCORBIC ACID  
DEFICIENCY, pathology/ CEREBRAL  
ARTERIOSCLEROSIS, drug therapy/  
CEREBRAL ARTERIOSCLEROSIS, etiology/  
CEREBRAL ARTERIOSCLEROSIS, pathology/  
CHOLESTEROL, blood/ CHOLESTEROL,  
metabolism/ CORONARY DISEASE, drug  
therapy/ \*CORONARY DISEASE, etiology/  
CORONARY DISEASE, pathology/ DIET,  
ATHEROGENIC/ ELECTROCARDIOGRAPHY/  
FIBROBLASTS/ GUINEA PIGS/ HUMAN/  
TIME FACTORS
5834. Shah J, Nassar WY: Sclerosing angioma of pinna.  
J Laryng 84:837-41, Aug 70  
ADULT/ \*ANGIOMA, SCLEROSING/  
ANGIOMA, SCLEROSING, pathology/ \*EAR,  
EXTERNAL/ \*EAR NEOPLASMS/ EAR  
NEOPLASMS, pathology/ HUMAN/ MALE
5835. Shah VV, Hansoti RC, Shah KD, et al:  
High-carbohydrate diet and atherosclerosis in rabbits.  
Angiology 21:71-4, Feb 70  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, etiology/ BLOOD  
SUGAR, analysis/ CHOLESTEROL, blood/  
\*CORONARY DISEASE, etiology/ \*DIET,  
ATHEROGENIC/ \*DIETARY  
CARBOHYDRATES, pharmacodynamics/  
LIPIDS, blood/ RABBITS/ TRIGLYCERIDES,  
blood
5836. Shamash Y, Alexander B: Coagulation studies with  
linear copolymers of aliphatic hydrocarbons and  
maleic acid: new class of anticoagulants.  
Biochim Biophys Acta 194:449-61, 23 Dec 69  
\*ANTICOAGULANTS/ BLOOD COAGULATION/  
BUFFERS/ CATTLE/ DENSITOMETRY/  
DEXTRAN/ EDTA/ \*ETHYLENE/ FIBRIN  
FILM AND FOAM/ \*FIBRINOGEN/  
FIBRINOLYTIC AGENTS/ HEPARIN/  
HEPARINOID/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ \*MALEATES/  
MOLECULAR WEIGHT/ OSMOLAR  
CONCENTRATION/ POLYMERS/  
THROMBELASTOGRAPHY/ \*THROMBIN/  
TIME FACTORS/ \*VINYL ETHER
5837. Shamraeva SA: Kul'tivirovanie i khranenie kletok  
tripsinizirovannykh kurinykh émbriionov. (Rus)  
Lab Delo 2:87-9, 1970  
ANIMAL EXPERIMENTS/ CHICK EMBRYO/  
METHODS/ \*TISSUE CULTURE/ \*TISSUE  
PRESERVATION/ TRYPSIN
5838. Shanbrom E: Rapid correction of AHF deficiency by  
antihemophilic factor-method four, with special  
reference to inhibitors. Bibl Haemat 34:52-9, 1970  
BLOOD COAGULATION TESTS/  
COMPARATIVE STUDY/ DRUG  
HYPERSENSITIVITY/ FACTOR VIII,  
antagonists & inhibitors/ FACTOR VIII,  
isolation & purification/ FACTOR VIII,  
metabolism/ \*FACTOR VIII, therapeutic use/  
GLYCINE/ GLYCOLS/ \*HEMOPHILIA,  
therapy/ HUMAN/ MALE/ POLYETHYLENES
5839. Shanklin DR: The influence of placental lesions on the  
newborn infant. Pediat Clin N Amer 17:25-42, Feb 70  
\*BIRTH WEIGHT/ FEMALE/ \*FETUS, growth  
& development/ GROWTH DISORDERS,  
etiology/ HEMANGIOMA, complications/  
HUMAN/ INFANT, NEWBORN/ INFARCTION/  
NEOPLASMS, complications/ NEOPLASMS,  
VASCULAR TISSUE, complications/  
PARABIOSIS/ \*PLACENTA/ PLACENTA,  
abnormalities/ PLACENTA, blood supply/  
PLACENTA DISORDERS, complications/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS/ REGISTRIES/ TWINS/  
UMBILICAL CORD, abnormalities
5840. Shapiro S, Stone D, Lewis GP, et al: The epidemiology of  
digoxin. A study in three Boston hospitals.  
J Chronic Dis 22:361-71, Nov 69  
AGE FACTORS/ AGED/ AMINOPHYLLINE,  
adverse effects/ ARRHYTHMIA, chemically  
induced/ BODY WEIGHT/ \*DIGOXIN,  
administration & dosage/ \*DIGOXIN, adverse  
effects/ EPIDEMIOLOGIC METHODS/  
FEMALE/ FUROSEMIDE, adverse effects/  
HEPARIN, adverse effects/ HUMAN/ MALE/  
MASSACHUSETTS/ MEPERIDINE, adverse  
effects/ MIDDLE AGE/ MORPHINE, adverse  
effects/ STATISTICS/ TACHYCARDIA,  
chemically induced
5841. Shapiro SS, Martinez J, Holburn RR: Congenital  
dysprothrombinemia: an inherited structural  
disorder of human prothrombin.  
J Clin Invest 48:2251-9, Dec 69  
ADOLESCENCE/ ADULT/ AUTOSOME  
ABNORMALITIES/ CHILD/ FEMALE/  
HUMAN/ \*HYPOPROTHROMBINEMIAS,  
familial & genetic/  
IMMUNOELECTROPHORESIS/ IODINE  
ISOTOPES/ MALE/ PEDIGREE/  
PROTHROMBIN, blood/ PROTHROMBIN TIME
5842. Shaporenko MV: Vpliv kortikosteroidiv na  
protrombinovoruval'nu funktsiiu pechinki pri  
pnevmonii u ditei grudnogo viku.  
Pediat Akush Ginek 4:27-8, Jul-Aug 69 (Ukr)  
ADRENAL CORTEX HORMONES,  
pharmacodynamics/ \*ADRENAL CORTEX  
HORMONES, therapeutic use/ HUMAN/  
INFANT/ INFANT, NEWBORN/ \*LIVER, drug  
effects/ LIVER, metabolism/ \*PNEUMONIA,  
drug therapy/ \*PROTHROMBIN, biosynthesis
5843. Sharma HM, Geer JC: Multiple transfusions with  
sensitization associated with amyloidosis. Report of a  
case. Arch Path (Chicago) 89:473-6, May 70  
ADULT/ \*AMYLOIDOSIS, etiology/  
AMYLOIDOSIS, pathology/ BIOPSY/ BLOOD  
CELL COUNT/ BLOOD GROUPS/ BLOOD  
PLATELETS/ \*BLOOD TRANSFUSION,  
adverse effects/ \*CHRISTMAS DISEASE,  
therapy/ HUMAN/ KIDNEY, pathology/  
LIVER, pathology/ LYMPH NODES, pathology/  
MALE
5844. Sharma OK, Borek E: Inhibitor of transfer ribonucleic  
acid methylase in the differentiating slime mold  
Dictyostellum discoideum. J Bact 101:705-8, Mar 70  
CARBON ISOTOPES/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ MORPHOGENESIS/  
\*MYXOMYCETES, enzymology/  
MYXOMYCETES, growth & development/  
MYXOMYCETES, metabolism/ RNA/ RNA,  
SOLUBLE, metabolism/ SPORES, metabolism/  
\*TRANSFERASES, antagonists & inhibitors/  
TRANSFERASES, metabolism/ TRYPSIN,  
pharmacodynamics
5845. Sharma SD, Chander M: Fibrinolytic activity in acute  
renal failure. Indian J Med Sci 23:371-3, Jul 69  
\*FIBRINOLYSIS/ HUMAN/ \*KIDNEY  
FAILURE, ACUTE, blood
5846. Sharma SD, Malhotra PP: Blood fibrinolytic activity in  
diabetes mellitus. Indian J Med Sci 23:366-70, Jul 69  
ADULT/ AGED/ \*DIABETES MELLITUS,  
blood/ \*FIBRINOLYSIS/ HUMAN/ MIDDLE  
AGE
5847. Sharnoff JG: Prevention of venous thrombosis.  
Lancet 1:617, 21 Mar 70  
BLOOD COAGULATION TESTS/ HEPARIN,  
therapeutic use/ HUMAN/  
THROMBOPHLEBITIS, diagnosis/  
\*THROMBOPHLEBITIS, prevention & control
5848. Sharnoff JG, De Blasio G, Breen SR, et al: Pulmonary  
thromboembolism: prevention of fatal postoperative.  
Med Trial Techn Quart 16:39-44 contd, Mar 70  
AGED/ BLOOD COAGULATION TESTS/  
FEMALE/ HEPARIN, therapeutic use/  
HUMAN/ MALE/ MIDDLE AGE/  
\*POSTOPERATIVE COMPLICATIONS,



# AUTHOR SECTION

- prevention & control/ \*PULMONARY EMBOLISM, prevention & control
5849. Sharnoff JG, De Blasio G, Breen SR, et al: Pulmonary thromboembolism; prevention of fatal postoperative. Med Trial Techn Quart 18:63-9, Jun 70  
AGED/ \*HEPARIN, therapeutic use/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ \*PULMONARY EMBOLISM, prevention & control
5850. Sharova InA: Koagulograficheskaia kharakteristika nekotorykh gemotransfuzionnykh sred. Probl Gemat 14:37-41, Aug 69 (Rus)  
BLOOD COAGULATION FACTORS/ \*BLOOD COAGULATION TESTS/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ \*ERYTHROCYTES/ HUMAN
5851. Sharova InA, Ivanova AN, Fedorova LI: Izmenenie nekotorykh pokazatelei sistemy svertyvaniia krovi pri perellivani razmorozhennykh eritrotsitov. Probl Gemat 15:20-2, 1970 (Rus)  
ADULT/ ANEMIA, therapy/ ANEMIA, HYPOCHROMIC, therapy/ \*BLOOD COAGULATION/ \*BLOOD TRANSFUSION/ \*ERYTHROCYTES/ FREEZING/ HUMAN/ MIDDLE AGE/ \*TISSUE PRESERVATION
5852. Sharova InA, Pisarskaia IV: Primenenie metoda autokoagulogrammy dlia otsenki funktsional'nogo sostoiianiia sistemy svertyvaniia krovi. Vrach Delo 9:147-8, Sep 69 (Rus)  
ADULT/ \*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ DISEASE, blood/ HUMAN/ \*IMMUNE SERUMS/ METHODS/ THROMBELASTOGRAPHY/ TIME FACTORS
5853. Sharp WV, Taylor BC, Wright JW: Short term synchronous arterio-arterial pumping without anticoagulants. Trans Amer Soc Artif Intern Organs 16:435-8, 1970  
ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, therapeutic use/ \*ASSISTED CIRCULATION, instrumentation/ BIOMEDICAL ENGINEERING/ DOGS/ HEART, MECHANICAL/ \*NYLON/ \*POLYMERS/ \*POLYURETHANES
5854. Shastri K, Rubinstein D: The metabolism of the erythrocyte. XIX. Factors affecting esterification of linoleate by human erythrocytes. Canad J Biochem 47:967-75, Oct 69  
ADENINE/ ADENINE NUCLEOTIDES/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PRESERVATION/ CARBON ISOTOPES/ COENZYME A, pharmacodynamics/ COLD/ DIABETES MELLITUS, blood/ ERYTHROCYTE AGING/ ERYTHROCYTES, drug effects/ \*ERYTHROCYTES, metabolism/ ESTERS, metabolism/ FATTY ACIDS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCOSE, pharmacodynamics/ HUMAN/ IN VITRO/ LECITHINS, biosynthesis/ LIGASES, metabolism/ \*LINOLEIC ACID, metabolism/ LIPIDS, biosynthesis/ LYSOLECITHIN, pharmacodynamics/ PHOSPHORIC ACIDS/ PHTHALIC ACID, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS
5855. Shaternikov VA, Loranskaia TI, Beilul EA, et al: O rasshcheplenii ékzogennykh lipidov u bol'nykh khronicheskimi zabolevaniami pecheni. Vop Pitani 28:11-6, Mar-Apr 69 (Rus)  
CHRONIC DISEASE/ CHYLOMICRONS, metabolism/ \*DIETARY FATS/ ENGLISH ABSTRACT/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY LIVER, metabolism/ HEPATITIS, metabolism/ HUMAN/ LIPIDS, blood/ \*LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ LIVER, metabolism/ LIVER CIRRHOSIS, metabolism/ \*LIVER DISEASES, metabolism/ METABOLIC CLEARANCE RATE/ TIME FACTORS
- enzyme AP used as a mouthwash. J Periodont 41:333-6, Jun 70  
ADULT/ AMYLASE/ CLINICAL RESEARCH/ \*DENTAL PLAQUE, prevention & control/ \*ENZYMES/ FEMALE/ HUMAN/ MALE/ \*MOUTHWASHES/ PEPTIDE HYDROLASES/ TABLETS
5857. Shaw AE: Mini-exchange and transfusion therapy for drug-induced thrombocytopenia. Med J Aust 2:529-32, 13 Sep 69  
BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ \*BLOOD TRANSFUSION/ CHLORAMPHENICOL, adverse effects/ HEMOGLOBIN, analysis/ HEMORRHAGE, complications/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ THROMBOPENIA, chemically induced/ THROMBOPENIA, complications/ \*THROMBOPENIA, therapy/ TIME FACTORS
5858. Shaw E: Selective chemical modification of proteins. Physiol Rev 50:244-96, Apr 70 (268 ref.)  
AMINO ACIDS/ BINDING SITES/ \*CHEMISTRY/ ENZYMES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MODELS, CHEMICAL/ \*PROTEINS/ PROTEINS, analysis/ REVIEW/ RIBONUCLEASE/ TRYPSIN INHIBITORS
5859. Shaw S, Pegrum GD, Wolff S: Estimation of platelet adhesiveness on whole blood and platelet-rich plasma. J Clin Path 23:144-8, Mar 70  
ADENINE NUCLEOTIDES, pharmacodynamics/ ADULT/ AGED/ ANTICOAGULANTS/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD PRESERVATION/ CITRATES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLASMA/ PLATELET ADHESIVENESS/ TEMPERATURE/ TIME FACTORS
5860. Shea M, Smith DR, Rafuse EV, et al: Cryofixation with vitreous excision. A suggestion for the management of some cases of traumatic retinal detachment. Canad J Ophthal 4:339-45, Oct 69  
CATARACT EXTRACTION/ CHYMOTRYPSIN/ \*CRYOGENIC SURGERY/ EYE INJURIES, complications/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, prevention & control/ \*RETINAL DETACHMENT, surgery/ VISION/ VITREOUS BODY, injuries/ \*VITREOUS BODY, surgery
5861. Shehadeh IH, Guttman RD, Lindquist RR, et al: Renal transplantation in the inbred rat. XVI. Effects of salicylates and anticoagulant drugs on rejection. Transplantation 10:75-85, Jul 70  
ANIMAL EXPERIMENTS/ \*ASPIRIN, therapeutic use/ \*BISHYDROXYCOUMARIN, therapeutic use/ \*HEPARIN, therapeutic use/ HISTOCOMPATIBILITY/ \*INBREEDING/ IODOHIPURIC ACID, diagnostic use/ KIDNEY, pathology/ KIDNEY, physiology/ \*KIDNEY, transplantation/ RATS/ \*SODIUM SALICYLATE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
5862. Shehadeh IH, Rodriguez-Erdmann F, Guttman RD, et al: Failure to detect evidence for intravascular coagulation during acute renal allograft rejection. Transplantation 9:74-6, Jan 70  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS/ FIBRINOGEN, urine/ HUMAN/ \*KIDNEY, transplantation/ MALE/ RATS/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
5863. Sheiner LB: Computer-aided long-term anticoagulation therapy. Comput Biomed Res 2:507-18, Dec 69  
\*COMPUTERS, DIGITAL/ HUMAN/ MODELS, THEORETICAL/ PROTHROMBIN TIME/ SODIUM/ \*WARFARIN, administration & dosage
5864. Shekhter IA, Litvakovskaia GA: Znachenie



# AUTHOR SECTION

- rentgenologicheskogo issledovaniia v diagnostike dobrokachestvennykh opukholei i opukholevidnykh obrazovanii nosoglotki.  
Vestn Rentgen Radiol 44:25-33, May-Jun 69 (Rus)  
ADENOIDS, radiography/ ADOLESCENCE/  
ADULT/ \*ANGIOMA, SCLEROSING,  
radiography/ CYSTS, radiography/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ NASAL POLYPS, radiography/  
\*NASOPHARYNGEAL DISEASES, radiography/  
\*NASOPHARYNGEAL NEOPLASMS,  
radiography/ NEURILEMMOMA, radiography
5865. Sheleg VA, Selivanova KF: O vyavlenii izmenenii protsessov svertyvaniia krovi u bol'nykh s narusheniami funktsii shchitovidnoi zhelezy.  
Probl Endokr (Moskva) 13:10-3, Jul-Aug 67 (Rus)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION DISORDERS, etiology/  
ENGLISH ABSTRACT/ \*GOITER,  
EXOPHTHALMIC, blood/ HUMAN/  
\*HYPERTHYROIDISM, blood/  
\*HYPOTHYROIDISM, blood/ THYROID  
DISEASES, complications
5866. Shemetov VD: Primenenie gidrokhlorida epsilon-aminokapronovoi kisloty pri krovotocheniiakh u urologicheskikh bol'nykh.  
Sovet Zdravookhr Kirgiz 1:62-4, Jan-Feb 70 (Rus)  
\*AMINOCAPROIC ACID, therapeutic use/  
ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ \*HEMORRHAGE, drug  
therapy/ HEMORRHAGE, etiology/  
HEMOSTASIS/ HUMAN/ \*UROLOGIC  
DISEASES, complications
5867. Shemwell RE, Weed JC: Ovarian remnant syndrome.  
Obstet Gynec 36:299-303, Aug 70  
ADHESIONS, prevention & control/ ANIMAL  
EXPERIMENTS/ \*CASTRATION/ CATS/  
DISEASE MODELS, ANIMAL/ DYSPAREUNIA,  
etiology/ ENDOMETRIOSIS, radiotherapy/  
FEMALE/ HUMAN/ HYSTERECTOMY/  
\*OOPHORITIS, surgery/ \*OVARIAN CYSTS,  
etiology/ OVARIAN CYSTS, radiotherapy/  
OVARIAN CYSTS, surgery/ \*OVARY,  
transplantation/ \*SALPINGITIS, surgery
5868. Sheppard BL, French JE: Platelet adhesion in rabbit arteries observed by scanning and transmission electron microscopy.  
Nature (London) 225:1054-5, 14 Mar 70  
ANIMAL EXPERIMENTS/ \*ARTERIES/  
\*BLOOD PLATELETS/ \*MICROSCOPY,  
ELECTRON/ MICROSCOPY, ELECTRON,  
SCANNING/ PLATELET ADHESIVENESS/  
RABBITS
5869. Sherlock S: Nutritional complications of biliary cirrhosis. Chronic cholestasis.  
Amer J Clin Nutr 23:640-4, May 70  
CALCIUM/ CHOLANGITIS, etiology/  
CHOLESTASIS, etiology/ CHOLESTYRAMINE,  
therapeutic use/ CHRONIC DISEASE/  
DEFICIENCY DISEASES, etiology/ HUMAN/  
\*JAUNDICE, OBSTRUCTIVE, etiology/ \*LIVER  
CIRRHOSIS, OBSTRUCTIVE, complications/  
NUTRITION/ PRURITUS, etiology/ SPRUE,  
etiology/ VITAMIN A DEFICIENCY, etiology/  
VITAMIN K DEFICIENCY, etiology
5870. Sherry S: Fibrinolytic agents. DM 3-32, May 69 (29 ref.)  
AMINOCAPROIC ACID, administration &  
dosage/ FIBRIN, metabolism/ FIBRINOGEN,  
metabolism/ FIBRINOLYSIS, metabolism/  
FIBRINOLYSIS, physiology/ FIBRINOLYSIS,  
drug effects/ FIBRINOLYTIC AGENTS,  
administration & dosage/ \*FIBRINOLYTIC  
AGENTS, therapeutic use/ HUMAN/ IN  
VITRO/ INFUSIONS, PARENTERAL/  
INJECTIONS, INTRAVENOUS/ NICOTINIC  
ACID, administration & dosage/ PEPTIDE  
HYDROLASES, therapeutic use/  
PLASMINOGEN, metabolism/ PLASMINOGEN,  
physiology/ PULMONARY EMBOLISM, drug  
therapy/ REVIEW/ THROMBOEMBOLISM,  
drug therapy/ THROMBOEMBOLISM,  
enzymology/ THROMBOEMBOLISM, etiology/  
THROMBOPHLEBITIS, chemically induced/  
THROMBOSIS, drug therapy/ TRYPSIN,  
adverse effects
5871. Shershow LW, Ekert H, Swanson VL, et al: Intravascular coagulation in generalized herpes simplex infection of the newborn.  
Acta Paediatr Scand 58:535-9, Sep 69  
BLOOD COAGULATION FACTORS/ BLOOD  
COAGULATION TESTS/ CASE REPORT/  
HEMORRHAGIC DIATHESIS, complications/  
\*HEMORRHAGIC DIATHESIS, pathology/  
HERPES SIMPLEX, complications/ \*HERPES  
SIMPLEX, pathology/ INFANT, NEWBORN/  
NECROSIS/ PREGNANCY
5872. Shevach MR: Hypernephroma with massive perineal hematoma. Radiological notes.  
J Mount Sinai Hosp NY 36:439-42, Sep-Oct 69  
ADENOCARCINOMA, pathology/  
\*ADENOCARCINOMA, radiography/ ADULT/  
\*HEMATOMA, radiography/ HUMAN/ \*LIVER  
NEOPLASMS, radiography/ MALE
5873. Shevchenko VI, Barkagan LZ, Sukhoveeva EA: Autokoagulogramma s eritrotsitinom i nekotorye aspekty primeneniia etogo metoda v klinike.  
Probl Gemat 14:27-31, Mar 69 (Rus)  
\*BLOOD COAGULATION TESTS/ ENGLISH  
ABSTRACT/ \*HEMORRHAGIC DIATHESIS/  
HUMAN/ \*PHOSPHOLIPIDS
5874. Shevchenko VS: Fermentativnoe aktivirovaniia antigenov pecheni, reagirulushchikh s normal'nymi i protivogepatomnymi antitelami myshei.  
Vop Onkol 15:101-3, 1969 (Rus)  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS/ \*AUTOANTIBODIES/  
\*HEPATOMA, immunology/  
IMMUNOELECTROPHORESIS/ \*LIVER  
NEOPLASMS, immunology/ MICE/  
PRECIPITIN TESTS/ \*SARCOMA,  
EXPERIMENTAL, immunology/ \*TRYPSIN,  
pharmacodynamics
5875. Shiao DD: Calorimetric investigations of the binding of inhibitors to alpha-chymotrypsin. II. A systematic comparison of the thermodynamic functions of binding of a variety of inhibitors to alpha-chymotrypsin.  
Biochemistry (Wash) 9:1083-90, 3 Mar 70  
BENZOATES/ BINDING SITES/ CHEMISTRY/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
CINNAMATES/ HYDROGEN-ION  
CONCENTRATION/ INDOLES/  
NAPHTHALENES/ PHENOLS/ PROTEIN  
BINDING/ PROTONS/ THERMODYNAMICS/  
TRYPTOPHAN
5876. Shiao DD, Sturtevant JM: Calorimetric investigations of the binding of inhibitors to alpha-chymotrypsin. I. The enthalpy of dilution of alpha-chymotrypsin and of proflavin, and the enthalpy of binding of indole, N-acetyl-D-tryptophan, and proflavin to alpha-chymotrypsin.  
Biochemistry (Wash) 8:4910-7, Dec 69  
\*ACRIDINES/ BINDING SITES/  
CALORIMETRY/ CATTLE/ \*CHYMOTRYPSIN/  
CHYMOTRYPSIN, antagonists & inhibitors/  
HYDROGEN-ION CONCENTRATION/  
\*INDOLES/ PANCREAS, enzymology/  
THERMODYNAMICS/ \*TRYPTOPHAN
5877. Shibata K, Sato S, Esaki R, et al: Relation between concentration in tissues and activity of anticancer drug. Nagoya Med J 15:313-27, Dec 69  
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC  
AGENTS, administration & dosage/  
\*ANTINEOPLASTIC AGENTS, metabolism/  
FLUOROURACIL, metabolism/ HUMAN/  
MICE/ MITOMYCIN, metabolism/  
NEOPLASMS, EXPERIMENTAL, metabolism/  
PEPTIDE HYDROLASES, metabolism/  
RABBITS/ RATS/ TISSUE CULTURE
5878. Shibata S, Naruse T, Miyakawa Y, et al: Further purification of the glycoprotein that induces nephrotoxic antibody: isolation of the active polysaccharide fraction mainly composed of glucose.  
J Immun 104:215-23, Jan 70



# AUTHOR SECTION

- ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGENS/ BASEMENT MEMBRANE, immunology/ CHROMATOGRAPHY/ ELECTROPHORESIS/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GLOMERULONEPHRITIS, immunology/ \*GLUCOSE, analysis/ \*GLYCOPROTEINS, isolation & purification/ IMMUNIZATION SCHEDULE/ IMMUNOELECTROPHORESIS/ \*KIDNEY/ KIDNEY, immunology/ KIDNEY GLOMERULUS, immunology/ PEPTIDE HYDROLASES, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PHENOLS, pharmacodynamics/ \*POLYSACCHARIDES, isolation & purification/ RABBITS/ RATS/ STARCH/ TRYPSIN, pharmacodynamics
5879. Shields CE: Studies on stored whole blood. IV. Effects of temperature and mechanical agitation on blood with and without plasma. Transfusion 10:155-62, Jul-Aug 70  
BILIRUBIN, blood/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ERYTHROCYTE AGING/ ERYTHROCYTES, cytology/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ OSMOTIC FRAGILITY/ POTASSIUM, blood/ \*TEMPERATURE
5880. Shields CE: Studies on stored liquid whole blood. I. Effect of volume transfused on in vivo survival measurement. USAMRL Report No. 826. US Army Med Res Lab 1-8, 1 Aug 69  
\*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ \*ERYTHROCYTE AGING/ ERYTHROCYTE COUNT/ HUMAN
5881. Shields CE: Studies on stored liquid whole blood. 3. Evaluation of plastic collection containers. Rep No 833. US Army Med Res Lab 1-4, 11 Sep 69  
\*BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ BLOOD TRANSFUSION/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ OSMOTIC FRAGILITY/ PHOSPHORUS ISOTOPES/ \*PLASTICS/ POTASSIUM, blood
5882. Shields CE, Bunn HF, Litwin SD, et al: Clinical evaluation of transfused blood after long-term storage in ACD with adenine. Transfusion 9:246-50, Sep-Oct 69  
ACIDS/ ADENINE/ ADOLESCENCE/ ADULT/ AGED/ BILIRUBIN, blood/ \*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ \*CITRATES/ FEMALE/ \*GLUCOSE/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMORRHAGE, therapy/ HUMAN/ MALE/ MIDDLE AGE/ PHOSPHORUS ISOTOPES/ POTASSIUM, blood/ SODIUM, blood/ TIME FACTORS/ URIC ACID, blood
5883. Shields CF, Bunn HF, Litwin SD, et al: Clinical evaluation of transfused blood after long-term storage in ACD with adenine (interim report). Rep No 808. US Army Med Res Lab 1-8, 21 Apr 69  
ADENINE, pharmacodynamics/ BLOOD BANKS/ BLOOD CHEMICAL ANALYSIS/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ CITRATES, pharmacodynamics/ \*DRUG STORAGE/ FEMALE/ GLUCOSE, pharmacodynamics/ HEMATOCRIT/ HEMORRHAGE, therapy/ HUMAN/ MALE/ PHOSPHORUS ISOTOPES/ TIME FACTORS
5884. Shigeta Y, Kim M, Hoshi M, et al: Effect of glucose and fat loading on lipoprotein lipase activity in plasma and tissues of diabetes. Endocr Jap 16:541-6, Oct 69  
ADIPOSE TISSUE, enzymology/ ADMINISTRATION, ORAL/ ADULT/ ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ DEXTRAN, pharmacodynamics/ \*DIABETES MELLITUS, enzymology/ DIAPHRAGM, enzymology/ DIET/ FASTING/ \*FATS, pharmacodynamics/ \*GLUCOSE, pharmacodynamics/ HUMAN/ INSULIN, pharmacodynamics/ LIPOPROTEIN LIPASE, blood/ \*LIPOPROTEIN LIPASE, metabolism/ MALE/ MIDDLE AGE/ MYOCARDIUM, enzymology/ RATS/ TIME FACTORS
5885. Shikimi T, Houki S, Iwata H: Pharmacological significances of peptidase and proteinase in the brain. 3. Substrate specificity and amino acid composition of partially purified enzyme inactivating bradykinin in rat brain. Jap J Pharmacol 20:169-70, Mar 70  
AMINO ACIDS, analysis/ \*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*BRADYKININ, antagonists & inhibitors/ \*BRAIN, enzymology/ KININS, isolation & purification/ \*PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES/ RATS
5886. Shilko NA, Isakova EN: O svertyvalushchikh svoistvakh krovi i vozmozhnosti transplantsentarnogo proniknovenia okololednykh vod u rodil'nits s maloi krovopoteri v rodakh. Vop Okhr Materin Dets 14:81-4, Jun 69 (Rus)  
ADULT/ \*AMNIOTIC FLUID/ \*BLOOD COAGULATION/ FEMALE/ HEMORRHAGE/ HUMAN/ LABOR/ \*MATERNAL-FETAL EXCHANGE/ PREGNANCY
5887. Shilo M: Morphological and physiological aspects of the interaction of Bdellovibrio with host bacteria. Curr Top Microbiol Immun 50:174-204, 1969 (94 ref.)  
\*BACTERIA/ BACTERIA, physiology/ BACTERIOLOGICAL TECHNIQUES/ BACTERIOLYSIS/ ECOLOGY/ ESCHERICHIA COLL, physiology/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGIC/ MUTATION/ PEPTIDE HYDROLASES/ PSEUDOMONAS, physiology/ REVIEW/ RHODOSPIRILLUM/ \*SYMBIOSIS/ \*VIBRIO/ VIBRIO, cytology/ VIBRIO, enzymology/ VIBRIO, metabolism/ VIBRIO, physiology/ VIBRIO INFECTIONS/ WATER POLLUTION, prevention & control
5888. Shima T, Fujimura S, Hasegawa S, et al: Studies on poly adenosine diphosphate-ribose. 8. A method for purification of poly adenosine diphosphate-ribose. J Biol Chem 245:1327-30, 25 Mar 70  
\*ADENINE NUCLEOTIDES/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ DEOXYRIBONUCLEASE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ MALE/ METHODS/ MICROCOCCAL NUCLEASE/ NUCLEOTIDES, analysis/ PANCREAS/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PHOSPHATASES/ PHOSPHORUS ISOTOPES/ POLYNUCLEOTIDES, analysis/ \*POLYNUCLEOTIDES, isolation & purification/ RATS/ RIBONUCLEASE/ \*RIBOSE/ SNAKES/ SPECTROPHOTOMETRY/ SPLEEN, enzymology/ ULTRAVIOLET RAYS/ VENOMS
5889. Shimada N, Nakagawa Y: [Metastasis of cancer and blood coagulation system] J Jap Med Ass 62:1097-102, 1 Dec 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ CARCINOMA, EHRlich TUMOR, metabolism/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS, analysis/ HUMAN/ MALE/ \*NEOPLASM METASTASIS/ NEOPLASMS, complications/ PLASMINOGEN, analysis/ RATS/ THROMBOPHLEBITIS, complications
5890. Shimizu M: [Recent trend in hematology] Nalka 25:25-31, Jan 70 (33 ref.) (Jap)  
AFIBRINOGENEMIA/ ANEMIA, APLASTIC/ ANEMIA, HEMOLYTIC/ ANEMIA, HYPOCHROMIC/ \*HEMATOLOGIC DISEASES/ HEMATOLOGIC DISEASES, drug therapy/ HUMAN/ LEUKEMIA/ REVIEW
5891. Shinada S: [Studies on the process of fibrinogen breakdown by plasmin. I. Breakdown process of human fibrinogen by small or large amount of plasmin] J Jap Soc Intern Med 59:512-20, Jun 70 (Jap)  
BLOOD COAGULATION TESTS/ BLOOD



# AUTHOR SECTION

- PROTEIN ELECTROPHORESIS/ CHEMISTRY/  
\*FIBRINOGEN/ \*FIBRINOLYSIS/ HUMAN
5892. Shinagawa N: [Hemostatics]  
Jap J Midwife 23:17-21, Sep 69 (Jap)  
HEMOSTATICS/ SPECIAL LIST NURSING
5893. Shinagawa N, Maki M, Sato T, et al: [Intrauterine  
curettage and the capacity of blood coagulation]  
Sanfujin Jissai 19:758-62, Jul 70 (Jap)  
\*ABORTION, THERAPEUTIC/ ADULT/  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION DISORDERS, complications/  
\*CURETTAGE/ FEMALE/ HUMAN/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC
5894. Shinagawa N, Sugiyama S, Noda Y, et al: [Massive  
hemorrhage during labor]  
Sanfujin Jissai 18:959-73, Oct 69 (Jap)  
ADULT/ CERVIX UTERI, injuries/ FEMALE/  
HEMORRHAGE, POSTPARTUM, therapy/  
HEMOSTATICS, therapeutic use/ HUMAN/  
\*LABOR COMPLICATIONS/ PREGNANCY/  
TAMPONS/ \*UTERINE HEMORRHAGE/  
UTERINE RUPTURE, complications
5895. Shiosaka T, Omura Y, Okuda H, et al: Activation of  
thymidine kinase of adult rat liver by the culture  
filtrate of Clostridium perfringens.  
Biochim Biophys Acta 204:352-8, 15 Apr 70  
ACETONE/ ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ ALKALINE  
PHOSPHATASE/ AMMONIUM COMPOUNDS/  
ANIMAL EXPERIMENTS/ BACTERIAL  
PROTEINS, isolation & purification/  
\*BACTERIAL PROTEINS, pharmacodynamics/  
\*BIOCHEMISTRY/ CARBON ISOTOPES/  
CATTLE/ CHROMATOGRAPHY/  
\*CLOSTRIDIUM PERFRINGENS/  
CLOSTRIDIUM PERFRINGENS, analysis/  
CLOSTRIDIUM PERFRINGENS, growth &  
development/ CULTURE MEDIA/ DIALYSIS/  
DRUG STABILITY/ ENZYME ACTIVATION/  
HEAT/ HEPATECTOMY/ HYDROLASES/  
\*LIVER, enzymology/ LIVER  
REGENERATION/ MALE/ METHODS/  
MUCOUS MEMBRANE, enzymology/ PEPTIDE  
HYDROLASES/ PRECIPITATION/ RATS/  
SARCOMA, EXPERIMENTAL, enzymology/  
STIMULATION, CHEMICAL/ SULFATES/  
THYMIDINE/ \*THYMIDINE KINASE,  
metabolism
5896. Shiozawa C: Effect of phosphate on the digestion of  
ribonuclease T1 with proteases.  
J Biochem (Tokyo) 66:733-5, Nov 69  
BUFFERS/ ENZYME ACTIVATION/ IONS/  
\*NUCLEOTIDYLTRANSFERASES/  
NUCLEOTIDYLTRANSFERASES, antagonists &  
inhibitors/ \*PHOSPHATES, pharmacodynamics/  
TIME FACTORS/ \*TRYPSIN/ YEASTS,  
enzymology
5897. Shiraki K: Hepatic cell necrosis in the newborn. A  
pathologic study of 147 cases, with particular  
reference to congenital heart disease.  
Amer J Dis Child 119:395-400, May 70  
AGE FACTORS/ AORTIC COARCTATION,  
complications/ CYTOPLASM/ \*HEART  
DEFECTS, CONGENITAL, complications/  
HEART DEFECTS, CONGENITAL, mortality/  
HEMORRHAGIC DISEASE OF NEWBORN,  
etiology/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES, etiology/  
INFANT, NEWBORN, DISEASES, occurrence/  
LIVER, pathology/ \*LIVER DISEASES,  
etiology/ LIVER DISEASES, mortality/ LIVER  
DISEASES, occurrence/ LIVER DISEASES,  
pathology/ NECROSIS
5898. Shirasawa K, Chandler AB: Fine structure of the bond  
between platelets in artificial thrombi and in platelet  
aggregates induced by adenosine diphosphate.  
Amer J Path 57:127-52, Oct 69  
\*ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ ADULT/ BLOOD  
COAGULATION/ BLOOD COAGULATION  
FACTORS/ \*BLOOD PLATELETS, cytology/  
BLOOD PROTEINS/ CELL MEMBRANE/
- FACTOR V/ FACTOR VIII/ FACTOR XII/  
FIBRIN/ FIBRINOGEN, biosynthesis/ HUMAN/  
METHODS/ MICROSCOPY, ELECTRON/  
PLATELET ADHESIVENESS/ \*THROMBOSIS,  
chemically induced
5899. Shiriaev VV: K mekhanizmu uchastia krovianykh  
plastinok v podderzhanii rezistentnosti stenki  
sosudov. Bull Eksp Biol Med 69:53-4, May 70 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS, physiology/ BLOOD PLATELETS,  
physiopathology/ \*CAPILLARY RESISTANCE/  
COBALT ISOTOPES/ ENGLISH ABSTRACT/  
FEMALE/ MALE/ \*RADIATION INJURY,  
EXPERIMENTAL, physiopathology/ RATS
5900. Shively JA, Gott CL, De Jongh DS: The effect of storage  
on adhesion and aggregation of platelets.  
Vox Sang 18:204-15, Mar 70  
ADENINE NUCLEOTIDES, metabolism/  
ADENINE NUCLEOTIDES, pharmacodynamics/  
AGAR, pharmacodynamics/ BLOOD CELL  
COUNT/ \*BLOOD PLATELETS/ BLOOD  
PLATELETS, drug effects/ BLOOD  
PLATELETS, metabolism/ \*BLOOD  
PRESERVATION/ COLLAGEN,  
pharmacodynamics/ HUMAN/ PLATELET  
ADHESIVENESS/ TEMPERATURE
5901. Shively JE, Conrad HE: Stoichiometry of the nitrous  
acid deaminative cleavage of model amino sugar  
glycosides and glycosaminoglycans.  
Biochemistry (Wash) 9:33-43, 6 Jan 70  
CARBON ISOTOPES/ CHONDROITIN, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, PAPER/ \*GLYCOSIDES,  
analysis/ HEPARIN, analysis/ \*HEXOSAMINES,  
analysis/ HYALURONIC ACID, analysis/  
METHODS/ \*MUCOPOLYSACCHARIDES,  
analysis/ NITRITES/ OXIDATION-REDUCTION
5902. Shmakova FV, Kaverzneva ED: Rol' disul'fidnoi svyazi v  
podderzhanii struktury leichnogo al'bmina.  
Biokhimiya 34:963-8, Sep-Oct 69 (Rus)  
ALKYLATION/ ANTIGENS/ CHEMISTRY/  
ENGLISH ABSTRACT/ IODOACETATES/  
MERCAPTOETHANOL/ \*OVALBUMIN/  
PEPTIDES/ PROTEIN DENATURATION/  
SULFHYDRYL COMPOUNDS/ SULFIDES/  
TRYPSIN
5903. Shnitser IS: Lechenie steokardii.  
Klin Med (Moskva) 48:144-50, Jan 70 (Rus)  
ANGINA PECTORIS, diagnosis/ ANGINA  
PECTORIS, drug therapy/ \*ANGINA  
PECTORIS, therapy/ ANTICOAGULANTS,  
administration & dosage/ FEMALE/  
GLYCERYL TRINITRATE, therapeutic use/  
HUMAN/ MALE/ MIDDLE AGE/  
PARASYMPATHOLYTICS, administration &  
dosage/ PSYCHOTHERAPY
5904. Shnitser IuM: Primenenie ganglionarnoi blokady dlia  
snizhenia krovopoteri pri radikal'nykh  
mastektomiakh. Klin Khir (Kiev) 6:36-8, Jun 69 (Rus)  
ADULT/ \*BREAST DISEASES, surgery/  
FEMALE/ \*GANGLIONIC BLOCKADERS/  
\*HEMORRHAGE, prevention & control/  
HEMOSTASIS/ HUMAN/ \*MASTECTOMY/  
MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
VASOMOTOR SYSTEM, drug effects
5905. Shotton DM, Hartley BS: Amino-acid sequence of  
porcine pancreatic elastase and its homologues with  
other serine proteinases.  
Nature (London) 225:802-6, 28 Feb 70  
\*AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ CARBON ISOTOPES/  
CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN, analysis/  
ELECTROPHORESIS/ GEL FILTRATION/  
METHODS/ \*PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE, analysis/ SERINE/  
SWINE/ TRYPSIN, analysis
5906. Shotton DM, Watson HC: Three-dimensional structure  
of tosyl-elastase. Nature (London) 225:811-6, 28 Feb 70  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ BINDING SITES/



# AUTHOR SECTION

- CHYMOTRYPSIN/ \*MODELS, CHEMICAL/  
\*PANCREATOPEPTIDASE/ SULFONIC ACIDS/  
SWINE/ TOLUENE/ X-RAY DIFFRACTION
5907. Shown TE, Durfee MF: Blueberry muffin baby: neonatal neuroblastoma with subcutaneous metastases. J Urol 104:193-5, Jul 70  
AUTOPSY/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES, pathology/  
MALE/ NEOPLASM METASTASIS/  
NEUROBLASTOMA, drug therapy/  
\*NEUROBLASTOMA, pathology/ \*SKIN  
MANIFESTATIONS/ THROMBOPENIA, complications
5908. Shreiner DP, Levin J: Detection of thrombopoietic activity in plasma by stimulation of suppressed thrombopoiesis. J Clin Invest 49:1709-13, Sep 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD CELL COUNT/ \*BLOOD PLATELETS/ BLOOD TRANSFUSION/  
\*HEMATOPOIESIS/ METHIONINE/ RABBITS/  
RADIOISOTOPES/ SELENIUM/  
THROMBOCYTOSIS/ THROMBOCYTOSIS, etiology/ THROMBOPENIA, metabolism/ THROMBOPOIETIN, physiology
5909. Shulman NR, Hirschman RJ: Acquired hemophilia. Trans Ass Amer Physicians 82:388-97, 1969  
ARTHRITIS, RHEUMATOID, complications/  
BLOOD COAGULATION TESTS/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, pharmacodynamics/ \*FACTOR VIII, therapeutic use/ FEMALE/ GAMMA GLOBULIN, analysis/  
\*HEMOPHILIA, etiology/ HUMAN/  
IMMUNOELECTROPHORESIS/ MALE/  
PENICILLIN, adverse effects/ \*PREGNANCY/  
PREGNANCY COMPLICATIONS
5910. Shul'tsev GP, Kaplan FS: Sluchai sindroma privodiaschei petil s glipoproteinemiei i trombositopeniei.  
Klin Med (Moskva) 47:147-8, Jul 69 (Rus)  
CASE REPORT/ HUMAN/  
\*HYPOPROTEINEMIA, etiology/ MALE/  
MIDDLE AGE/ \*POSTGASTRECTOMY  
SYNDROMES/ \*THROMBOPENIA, etiology
5911. Shul'tsev GP, Panchenko VM, Kuanyshebaev SK: Kharakteristika protsessa gemokoagulatsii u bol'nykh khronicheskim glomerulonefritom.  
Klin Med (Moskva) 47:60-5, Nov 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION DISORDERS/ ENGLISH ABSTRACT/ FEMALE/  
\*GLOMERULONEPHRITIS, blood/ HUMAN/  
MALE/ MIDDLE AGE
5912. Shumakov VI, Ilysheva GN, Sul'man KM, et al: Sostoianie svertyvalushchei sistemy krovi i tromboobrazovanie pri protezirovani zheludochkov serdtsa. Probl Gemat 15:30-5, 1970 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION/ CATTLE/ DOGS/ ENGLISH ABSTRACT/ \*HEART, MECHANICAL, adverse effects/ HEART VENTRICLE, surgery/  
METHODS/ \*THROMBOSIS, etiology/  
THROMBOSIS, prevention & control
5913. Shumard RF, Callender ME: Anticoccidial drugs: screening methods. Exp Parasit 28:13-24, Aug 70  
AGE FACTORS/ ANIMAL EXPERIMENTS/  
\*ANTIPROTOZOAL AGENTS, therapeutic use/  
CHICKENS/ COCCIDIOSIS, drug therapy/  
DIET/ EIMERIA/ METHODS/ \*POULTRY DISEASES, drug therapy/ SEX FACTORS/  
SPECIES SPECIFICITY/ TIME FACTORS/  
VITAMIN A DEFICIENCY, complications/  
VITAMIN K DEFICIENCY, complications
5914. Shuttleworth A, Glimcher MJ: The time-dependent solubility of cyanogen bromide- and chymotrypsin-treated collagen gels in vitro. Biochim Biophys Acta 200:332-41, 17 Feb 70  
ALDEHYDES, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/  
CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ \*CHYMOTRYPSIN/ \*COLLAGEN/  
COLLAGEN, analysis/ \*CYANIDES/  
ELECTROPHORESIS/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/  
HYDROXYPROLINE, analysis/ LIGHT/  
PEPTIDES/ PEPTIDES, analysis/ PROTEIN DENATURATION/ RATS/ ROTATION/ \*SKIN/  
SOLUBILITY/ SPECTROPHOTOMETRY/  
TEMPERATURE/ THIAZOLES/ TIME FACTORS
5915. Shvartsman Aia, Botsman LI: Sluchai tiazhego krvotochenia posle tonzillektomii u bol'nogo gemofiliei.  
Zh Ushn Nos Gorl Bolez 29:102-3, Nov-Dec 69 (Rus)  
ADULT/ CASE REPORT/ \*HEMOPHILIA, complications/ \*HEMORRHAGE, etiology/  
HUMAN/ MALE/ \*TONSILLECTOMY
5916. Sicuteri F, Fanciullacci M, Bavazzano A, et al: Kinins and intracranial hemorrhages. Angiology 21:193-210, Mar 70  
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ BRAIN, pathology/ CAPILLARIES, drug effects/ \*CEREBRAL HEMORRHAGE, enzymology/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, mortality/ CEREBRAL HEMORRHAGE, prevention & control/ ESCAPE REACTION, drug effects/ HUMAN/ INDOMETHACIN, administration & dosage/ INJECTIONS, INTRAVENOUS/ KALLIKREIN, antagonists & inhibitors/ \*KININS/ KININS, blood/ KININS, cerebrospinal fluid/ MORPHINE, administration & dosage/ PAIN/ PEPTIDE HYDROLASES, metabolism/ PERMEABILITY/ RABBITS/  
RATS/ RECEPTORS, NEURAL, drug effects/  
\*SUBARACHNOID HEMORRHAGE, physopathology
5917. Siddique IH, Ying LC, Robinson BB: Hematological and febrile responses of rabbits to listerial hemolysins. Canad J Comp Med 33:292-6, Oct 69  
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS/ \*BLOOD PLATELETS, drug effects/  
BLOOD SUGAR, metabolism/ DEPRESSION, CHEMICAL/ FEMALE/ \*FEVER, chemically induced/ HEMATOCRIT/ HEMOLYSINS, isolation & purification/ \*HEMOLYSINS, pharmacodynamics/ LEUKOCYTE COUNT/  
\*LEUKOPENIA, chemically induced/  
\*LISTERIA MONOCYTOGENES/ LISTERIA MONOCYTOGENES, pathogenicity/  
LYMPHOCYTES, drug effects/ MALE/  
METHODS/ NEUTROPHILS, drug effects/  
RABBITS/ SOY BEANS/ STIMULATION, CHEMICAL/ TIME FACTORS
5918. Siddons RC: Heat inactivation and sephadex chromatography of the small-intestine disaccharidases of the chick. Biochem J 116:71-8, Jan 70  
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/  
CHICKENS/ CHROMATOGRAPHY/ GEL FILTRATION/ \*GLYCOSIDE HYDROLASES, analysis/ \*HEAT/ HYDROGEN-ION CONCENTRATION/ \*INTESTINE, SMALL, enzymology/ KINETICS/ MALTOSE, metabolism/ PAPAINE, metabolism/  
PRECIPITATION/ SUCRASE, analysis/  
TRYPSIN, metabolism
5919. Siedek M: Beobachtungen bei Rejektion von Nleentransplantaten. Langenbecks Arch Chir 325:714-9, 1969 (Ger)  
ADULT/ ANURIA, etiology/ ENGLISH ABSTRACT/ FEMALE/ \*GRAFT VS HOST REACTION/ HEMATURIA, etiology/  
HISTOCOMPATIBILITY/ HUMAN/ \*KIDNEY, transplantation/ KIDNEY DISEASES, etiology/  
\*POSTOPERATIVE COMPLICATIONS/  
RUPTURE, SPONTANEOUS, etiology/  
SHWARTZMAN PHENOMENON, etiology/  
TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION IMMUNOLOGY
5920. Sieg U, Flähmig M: Die fibrinolytische Aktivität des peripheren und des uterinen BUTES UND IHRE Beeinflussung durch p-Aminomethylbenzoesäure (PAMBA) bei Gestosen. Zbl Gynaek 91:1662-6, 20 Dec 69 (Ger)  
\*AMINO BENZOIC ACID, therapeutic use/



## AUTHOR SECTION

- \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HIRUDIN, diagnostic use/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, blood/ PROTAMINES, diagnostic use/ PROTHROMBIN TIME/ \*UTERINE HEMORRHAGE, drug therapy/ UTERUS, blood supply
5921. Siegel NH, Brodsky I: The diagnosis and treatment of disseminated intravascular coagulation. *Med Clin N Amer* 54:555-65, May 70  
\*AFIBRINOGENEMIA, diagnosis/  
\*AFIBRINOGENEMIA, drug therapy/  
AFIBRINOGENEMIA, etiology/ ANEMIA/  
BLOOD COAGULATION TESTS/  
HEMORRHAGE/ HEPARIN, therapeutic use/  
HUMAN/ HYPOTENSION/ THROMBOSIS
5922. Stępieniewski H, Baranowski T: The reaction of azlactone with chymotrypsin and trypsin. *Acta Biochim Pol* 16:243-51, 1969  
AMINO ACIDS/ BENZOATES/ BINDING SITES/ CASEIN/ CHEMISTRY/  
\*CHYMOTRYPSIN/ ENZYME ACTIVATION/  
ENZYME PRECURSORS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ \*OXAZOLES/  
SPECTROPHOTOMETRY/ TIME FACTORS/  
\*TRYPSIN/ ULTRAVIOLET RAYS
5923. Sierra G: Inhibition of the amino acid induced initiation of germination of bacterial spores by chlorocresol. *Canad J Microbiol* 16:51-2, Jan 70  
ALANINE, pharmacodynamics/ \*BACILLUS SUBTILIS, drug effects/ \*BACILLUS SUBTILIS, growth & development/ \*CRESOLS, pharmacodynamics/ CYSTEINE, pharmacodynamics/ ISOLEUCINE, pharmacodynamics/ LEUCINE, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ SPORES, drug effects/ VALINE, pharmacodynamics
5924. Sigal I, Diaconescu V, Chisel L, et al: Fibrinoliza în obstetrică și ginecologie. *Rev Medicochir Iasi* 73:553-8, Jul-Sep 67 (Rum)  
\*ABORTION, etiology/ \*ABRUPTIO PLACENTAE, etiology/ ADULT/ CESAREAN SECTION/ FEMALE/ \*FIBRINOLYSIS/ GYNECOLOGIC DISEASES, surgery/  
\*HEMORRHAGE, etiology/ \*HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ \*UTERINE HEMORRHAGE, etiology
5925. Sigler L, Raut PS, Vollman RW: Iliacus muscle hematoma. A complication of heparin administration. *Angiology* 21:114-5, Feb 70  
AGED/ FEMALE/ \*HEMATOMA, etiology/  
\*HEPARIN, adverse effects/ HIP/ HUMAN/ THIGH/ \*THROMBOPHLEBITIS, drug therapy
5926. Sigman DS, Torchia DA, Blout ER: Phenacyl bromides as chromophoric reagents for alpha-chymotrypsin. *Biochemistry (Wash)* 8:4560-6, Nov 69  
ACETOPHENONES/ ALKYLATING AGENTS/  
ALKYLATION/ \*BROMINE/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CYANIDES/ HEAT/  
HYDROGEN-ION CONCENTRATION/  
\*METHIONINE/ METHODS/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY/  
SPECTRUM ANALYSIS/ SULFIDES/  
ULTRAVIOLET RAYS/ UREA
5927. Signori EE, Penner JA, Kahn DR: Coagulation defects and bleeding in open-heart surgery. *Ann Thorac Surg* 8:521-9, Dec 69  
\*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/  
\*EXTRACORPOREAL CIRCULATION, adverse effects/ FIBRINOLYSIS/ \*HEART SURGERY, adverse effects/ HEPARIN, blood/ HUMAN/ THROMBOPENIA, etiology
5928. Sikora-Gierowska I, Kwart L: Trudności rozpoznawcze i leczenie śródbłonaka żuchwy u siedmioletniego dziecka. *Czas Stomat* 23:267-71, Mar 70 (Pol)  
CASE REPORT/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ KIDNEY NEOPLASMS/  
\*MANDIBULAR NEOPLASMS, diagnosis/  
\*MANDIBULAR NEOPLASMS, surgery/  
NEOPLASM METASTASIS/  
NEPHROBLASTOMA/ ORTHODONTICS, CORRECTIVE
5929. Silbert JE, DeLuca S: Degradation of glycosaminoglycans by tadpole tissue. Differences in activity toward chondroitin 4-sulfate and chondroitin 6-sulfate. *J Biol Chem* 245:1506-8, 25 Mar 70  
ANIMAL EXPERIMENTS/ \*CHONDROITIN/  
CHONDROITIN, analysis/ ENZYMES/ FROGS/  
GEL FILTRATION/ HEPARIN/  
HEXOSAMINES/ METAMORPHOSIS,  
BIOLOGICAL/ METHODS/  
MUCOPOLYSACCHARIDES/ \*SULFURIC ACIDS/ SULFURIC ACIDS, isolation & purification
5930. Silva J Jr, Newell GR, Schlott DW: Macroglobulinemia associated with subcutaneous tumors: report of two cases. *Johns Hopkins Med J* 125:84-91, Aug 69  
AGED/ BLOOD PROTEINS, analysis/ BLOOD VISCOSITY/ CHLORAMBUCIL, therapeutic use/ EXTREMITIES/ HUMAN/  
LUNG DISEASES, complications/  
LYMPHOCYTES/ MACROGLOBULINEMIA, blood/ \*MACROGLOBULINEMIA, complications/ MACROGLOBULINEMIA, diagnosis/ MACROGLOBULINEMIA, drug therapy/ MALE/ MIDDLE AGE/  
\*NEOPLASMS, MUSCLE TISSUE, complications/ NEOPLASMS, MUSCLE TISSUE, pathology/ PLASMAPHERESIS
5931. Silva Pozo J, Ortiz Vázquez J, Pascual Marcos S, et al: Patogenia de la pancreatitis aguda. Fundamentos clínicos y experimentales del tratamiento antienzimático. *Rev Clin Esp* 113:209-24, 15 May 69 (57 ref.) (Spa)  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
BIOMECHANICS/ DOGS/ ENGLISH ABSTRACT/ ENZYMES, antagonists & inhibitors/ HUMAN/ HYPERSENSITIVITY, complications/ INFECTION, complications/  
\*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PANCREATITIS, classification/ \*PANCREATITIS, drug therapy/  
\*PANCREATITIS, etiology/ REVIEW
5932. Silver D, Helfrich LR, Woodard WT: Management of pulmonary embolism. *Med Clin N Amer* 54:361-77, Mar 70 (82 ref.)  
ANTICOAGULANTS, therapeutic use/  
FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ \*PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, surgery/ REVIEW/ STREPTODORNASE AND STREPTOKINASE, metabolism
5933. Silver D, McGregor FH Jr: Nonmechanical causes of surgical bleeding. *Curr Probl Surg* 1-51, Jan 70 (114 ref.)  
ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS, complications/  
BLOOD PLATELETS/ FIBRINOLYSIS/  
HEMOPHILIA, complications/ HEMORRHAGE, chemically induced/ HEMORRHAGE, diagnosis/  
\*HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ HEMOSTASIS/ HEPARIN, adverse effects/ HUMAN/ REVIEW/ \*SURGERY, OPERATIVE
5934. Silver HL: A new approach to the operation of blepharoplasty. *Brit J Plast Surg* 22:253-6, Jul 69  
ADIPOSE TISSUE, anatomy & histology/ AGE FACTORS/ \*EYELIDS, surgery/ HEMOSTASIS/ HUMAN/ MUSCLES, surgery/ ROTATION/  
\*SURGERY, PLASTIC/ SURGERY, PLASTIC, adverse effects
5935. Silver JR, Moulton A: Prophylactic anticoagulant therapy against pulmonary emboli in acute paraplegia.



# AUTHOR SECTION

- Brit Med J 1:338-40, 9 May 70  
ADOLESCENCE/ ADULT/ AGED/  
\*ANTICOAGULANTS, therapeutic use/ CHILD/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/  
PARAPLEGIA, complications/ PHENINDIONE,  
therapeutic use/ \*PULMONARY EMBOLISM,  
prevention & control/ \*SPINAL INJURIES,  
complications/ THROMBOPHLEBITIS,  
prevention & control
5936. Silver MJ: Platelet aggregation and plug formation: a model test system. Amer J Physiol 218:384-8, Feb 70  
BLOOD CELL COUNT/ \*BLOOD  
COAGULATION/ BLOOD FLOW VELOCITY/  
\*BLOOD PLATELETS, physiology/ BUFFERS/  
CALCIUM, pharmacodynamics/  
ERYTHROCYTES, physiology/ FIBRIN/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
IN VITRO/ LEUKOCYTES, physiology/  
\*MODELS, BIOLOGIC/ SODIUM CHLORIDE/  
TIME FACTORS
5937. Silver MJ: Platelet aggregation and plug formation: studies on mechanism of action.  
Amer J Physiol 218:389-95, Feb 70  
ADENINE NUCLEOTIDES, antagonists &  
inhibitors/ ADENINE NUCLEOTIDES,  
pharmacodynamics/ ADENOSINE  
TRIPHOSPHATE, pharmacodynamics/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION,  
drug effects/ \*BLOOD PLATELETS,  
physiology/ CALCIUM, antagonists &  
inhibitors/ CALCIUM, pharmacodynamics/  
COLLAGEN, pharmacodynamics/ GLYCOLYSIS,  
drug effects/ HEPARIN, pharmacodynamics/  
HUMAN/ IN VITRO/ \*MODELS, BIOLOGIC/  
THROMBIN, antagonists & inhibitors/  
THROMBIN, pharmacodynamics/ TIME  
FACTORS
5938. Silver MS, Stoddard M, Stein TP: On the mechanism of the pepsin-catalyzed exchange of carboxylic acids with water-18O. J Amer Chem Soc 92:2883-90, 6 May 70  
\*ACIDS/ CATALYSIS/ CHEMISTRY/  
CHYMOTRYPSIN/ DEUTERIUM/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ OXYGEN ISOTOPES/ \*PEPSIN,  
metabolism/ PHENYLALANINE/ \*WATER
5939. Silver MS, Stoddard M, Sone T, et al:  
Alpha-chymotrypsin. The use of substrates of  
restricted geometry to define the reactive  
conformation of methyl N-acetyl-L-phenylalaninate.  
J Amer Chem Soc 92:3151-60, 20 May 70  
\*CHYMOTRYPSIN, metabolism/ ESTERS/  
MODELS, CHEMICAL/ \*PHENYLALANINE
5940. Silver RT: The treatment of chronic lymphocytic leukemia. Seminars Hemat 6:344-56, Oct 69 (44 ref.)  
ADRENAL CORTEX HORMONES, therapeutic  
use/ ALKYLATING AGENTS, therapeutic use/  
ANEMIA, etiology/ ANEMIA, therapy/  
ANEMIA, HEMOLYTIC, AUTOIMMUNE,  
etiology/ ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, therapy/ ANTIBIOTICS,  
therapeutic use/ ANTILYMPHOCYTE SERUM,  
therapeutic use/ BLOOD TRANSFUSION/  
HEMORRHAGE, etiology/ HUMAN/ INSECT  
BITES AND STINGS, immunology/ KINETICS/  
LEUKEMIA, LYMPHOCYTIC, complications/  
LEUKEMIA, LYMPHOCYTIC, drug therapy/  
LEUKEMIA, LYMPHOCYTIC, radiotherapy/  
\*LEUKEMIA, LYMPHOCYTIC, therapy/  
PHOSPHORUS ISOTOPES, therapeutic use/  
PREDNISONE, therapeutic use/ REVIEW/  
SEPTICEMIA, complications/ SEPTICEMIA,  
drug therapy/ SPLENECTOMY/  
THROMBOPENIA, complications/  
TRIETHYLENE MELAMINE, therapeutic use/  
URIC ACID, blood
5941. Silverstein MN, Ellefson RD, Ahern EJ: The syndrome of the sea-blue histiocyte.  
New Eng J Med 282:1-4, 1 Jan 70  
CHILD/ CHILD, PRESCHOOL/  
CHROMATOGRAPHY/ FEMALE/  
GLYCOLIPIDS, metabolism/ HEPATOMEALY,  
complications/ \*HISTIOCYTES/  
HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/  
LIPID METABOLISM, INBORN ERRORS,  
complications/ \*LIPIDS, metabolism/ \*LIVER,  
metabolism/ LIVER CIRRHOSIS, complications/  
MALE/ METABOLIC DISEASES/  
MUCOPOLYSACCHARIDES, metabolism/  
MUCOPOLYSACCHARIDES, urine/  
PHOSPHOLIPIDS, metabolism/ PURPURA,  
THROMBOPENIC, complications/  
RETICULOENDOTHELIOSIS, classification/  
RETICULOENDOTHELIOSIS, metabolism/ SEX  
FACTORS/ \*SPLENOMEGALY, complications
5942. Silvis SE, Turkbas N, Doscherholmen A:  
Thrombocytosis in patients with lung cancer.  
JAMA 211:1852-3, 16 Mar 70  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
HUMAN/ \*LUNG NEOPLASMS, complications/  
MALE/ \*THROMBOCYTOSIS, etiology/  
THROMBOPENIA, etiology
5943. Silvis SE, Turkbas N, Swalm WR, et al: Thrombocytosis. A clinical evaluation of 322 patients.  
Minn Med 52:1603-7, Oct 69  
ANEMIA, HYPOCHROMIC, complications/  
HUMAN/ NEOPLASMS, complications/  
\*THROMBOCYTOSIS
5944. Simkin RD, Cole SA, Ozawa H, et al: Precipitation and crystallization of insulin in the presence of lysozyme and salmine.  
Biochim Biophys Acta 200:385-94, 17 Feb 70  
AMINO ACIDS, analysis/ CATTLE/  
CHICKENS/ CRESOLS/ CRYSTALLIZATION/  
\*INSULIN/ INSULIN, analysis/ METHODS/  
\*MURAMIDASE/ MURAMIDASE, analysis/  
OVALBUMIN/ PEPTIDES, analysis/  
PHOSPHATES/ PRECIPITATION/  
\*PROTAMINES/ PROTAMINES, analysis/  
SALMONIDAE/ SODIUM CHLORIDE/  
SPECTROPHOTOMETRY/ TESTIS/  
ULTRAVIOLET RAYS/ X-RAY DIFFRACTION
5945. Simmonds S: Garvan Award address of the American Chemical Society: peptidase activity and peptide metabolism in Escherichia coli K-12.  
Biochemistry (Wash) 9:1-9, 6 Jan 70  
AMINOPEPTIDASES, metabolism/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, PAPER/ COPPER/  
CULTURE MEDIA/ DIPEPTIDES, metabolism/  
ESCHERICHIA COLI, growth & development/  
\*ESCHERICHIA COLI, metabolism/ GLUCOSE,  
metabolism/ GLYCERIN, metabolism/  
GLYCINE, metabolism/ HYDROGEN-ION  
CONCENTRATION/ IRON/ KINETICS/  
LEUCINE, metabolism/ MAGNESIUM/  
MURAMIDASE/ \*PEPTIDE HYDROLASES,  
metabolism/ PHENYLALANINE, metabolism/  
ZINC
5946. Simmons CW Jr, Messmer BJ, Hallman GL, et al:  
Vascular surgery in Jehovah's Witnesses.  
JAMA 213:1032-4, 10 Aug 70  
ADOLESCENCE/ ADULT/ AGED/ AORTIC  
ANEURYSM, surgery/ \*BLOOD  
TRANSFUSION/ CHILD/ CHILD,  
PRESCHOOL/ \*CHRISTIANITY/ FEMALE/  
HEMATOCRIT/ HEMOGLOBIN, analysis/  
HEMOSTASIS/ HUMAN/ INFANT/ MALE/  
MIDDLE AGE/ \*VASCULAR SURGERY/  
VASCULAR SURGERY, mortality
5947. Simmons JB, Wolpert SM: Angiography of calvarial hemangioma. Report of a case.  
Radiology 93:328-30, Aug 69  
ADULT/ \*CAROTID ARTERIES, radiography/  
FEMALE/ \*HEMANGIOMA, CAVERNOUS,  
radiography/ HEMANGIOMA, CAVERNOUS,  
radiotherapy/ HUMAN/ \*SKULL NEOPLASMS,  
radiography/ SKULL NEOPLASMS,  
radiotherapy
5948. Simon A: Der Antagonismus der Cobalaminmonocarbonsäure gegenüber einigen Analogen des Cobalamins. 3. Der Inhibitionsindex der Cobalaminmonocarbonsäure mit Bezug auf Cobinamid und Faktor III.  
Zbl Bakt [Naturwiss] 123:593-9, 1969 (Ger)  
AGAR/ BENZIMIDAZOLES, antagonists &  
inhibitors/ \*BLOOD COAGULATION  
FACTORS/ \*CARBON DIOXIDE,



# AUTHOR SECTION

- pharmacodynamics/ CHEMISTRY/ DIFFUSION/  
ENGLISH ABSTRACT/ ESCHERICHIA COLI/  
MATHEMATICS/ MOLECULAR WEIGHT/  
VITAMIN B 12, antagonists & inhibitors/  
\*VITAMIN B 12, pharmacodynamics
5949. Simon B, Schneider J: Vergleichende Untersuchungen zur Genauigkeit des Fibrinogen-Polymerisationszeit-Tests. Eine Fibrinogenbestimmungsmethode für Klinik und Praxis. Aerztl Forsch 24:234-9, 10 Aug 70 (Ger)  
\*BLOOD COAGULATION TESTS, standards/  
COMPARATIVE STUDY/ ENGLISH  
ABSTRACT/ \*FIBRINOGEN, analysis/ HUMAN/  
METHODS/ STATISTICS
5950. Simon GT, Giacobino JP: Pathogenesis of the glomerular lesions in acute pancreatitis. Lancet 2:669-70, 26 Sep 70  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
BLOOD COAGULATION/ DISEASE MODELS,  
ANIMAL/ HUMAN/ \*KIDNEY DISEASES,  
etiology/ \*KIDNEY GLOMERULUS/ KIDNEY  
GLOMERULUS, pathology/ MALE/  
MICROSCOPY, ELECTRON/ MIDDLE AGE/  
\*PANCREATITIS, complications/  
PANCREATITIS, enzymology/ \*TRYPSIN,  
metabolism
5951. Simon KH: Zur Technik der Gerinnungsdiagnostik im Praxislabor. Med Mschr 23:563-5, Dec 69 (Ger)  
BLOOD COAGULATION FACTORS/ \*BLOOD  
COAGULATION TESTS/ HUMAN/ METHODS/  
PROTHROMBIN TIME
5952. Simone JV: Disseminated intravascular coagulation. Advances Intern Med 15:339-55, 1969 (60 ref.)  
ADULT/ ANEMIA, HEMOLYTIC,  
complications/ \*BLOOD COAGULATION  
DISORDERS/ BLOOD COAGULATION  
DISORDERS, diagnosis/ BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION DISORDERS, therapy/ CHILD,  
PRESCHOOL/ EMBOLISM, AMNIOTIC FLUID,  
complications/ FEMALE/ HUMAN/ MALE/  
MENINGOCOCCAL INFECTIONS,  
complications/ MIDDLE AGE/ NEOPLASMS,  
complications/ PREGNANCY/ PSEUDOMONAS  
INFECTIONS, complications/ REVIEW/  
SEPTICEMIA, complications/ \*SHWARTZMAN  
PHENOMENON/ SHWARTZMAN  
PHENOMENON, diagnosis/ SHWARTZMAN  
PHENOMENON, etiology/ SHWARTZMAN  
PHENOMENON, therapy
5953. Simonian TA: K toksiko-gigienicheskoi kharakteristike oksimetilfurfurola. (Rus)  
Vop Pitn 28:54-8, Jan-Feb 69  
ANIMAL EXPERIMENTS/ BEVERAGES/  
BLOOD CELLS, drug effects/ BLOOD  
PROTEINS, metabolism/ CARBOHYDRATES/  
CHLORIDES, blood/ CHOLINESTERASE,  
blood/ CHOLINESTERASE, metabolism/  
ENGLISH ABSTRACT/ ESTERASES, blood/  
\*ESTERASES, metabolism/ FURANS,  
pharmacodynamics/ \*FURANS, toxicity/  
INTESTINES, enzymology/ LIPASE, blood/  
LIPASE, metabolism/ LIVER, enzymology/  
MICE/ \*PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ \*PHOSPHATASES, metabolism/  
RATS/ TIME FACTORS
5954. Simonsen M: The fatal haemorrhagic disease of chicken embryos injected with normal allantoic fluid. Acta Path Microbiol Scand [B] 78:115-26, 1970  
ANIMAL EXPERIMENTS/ ANTITHROMBIN,  
analysis/ \*BODY FLUIDS/ CHICK EMBRYO/  
\*HEMORRHAGE, chemically induced/  
INJECTIONS, INTRAVENOUS
5955. Simovitch H, Hohn AR, Wagner HR, et al: Percutaneous right and left heart catheterization in children. Experience with 1,000 patients. Circulation 41:513-7, Mar 70  
ADOLESCENCE/ ADULT/ ANEURYSM,  
etiology/ AORTA, THORACIC, injuries/  
AORTIC VALVE STENOSIS, diagnosis/  
CEREBROVASCULAR DISORDERS, etiology/  
CHILD/ CHILD, PRESCHOOL/ \*FEMORAL  
ARTERY/ FEMORAL ARTERY, injuries/  
\*FEMORAL VEIN/ FEMORAL VEIN, injuries/  
FOREIGN BODIES/ \*HEART  
CATHETERIZATION/ HEART  
CATHETERIZATION, adverse effects/  
HEMATOMA, etiology/ HUMAN/ INFANT/  
METHODS/ PULSE/ PUNCTURES
5956. Simpson CF, Harms RH: Aortic atherosclerosis of turkeys induced by feeding of cholesterol. J Atheroscler Res 10:63-75, Jul-Aug 69  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL, pathology/ \*AORTIC DISEASES,  
pathology/ \*ARTERIOSCLEROSIS, pathology/  
\*CHOLESTEROL/ \*DIET, ATHEROGENIC/  
\*DIETARY FATS/ DISEASE MODELS,  
ANIMAL/ MALE/ MICROSCOPY, ELECTRON/  
\*TURKEYS
5957. Simpson KM, Bunch DL, Amemiya H, et al: Humoral antibodies and coagulation mechanisms in the accelerated or hyperacute rejection of renal homografts in sensitized canine recipients. Surgery 68:77-85, Jul 70  
ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/  
BLOOD COAGULATION/ DOGS/  
FLUORESCENT ANTIBODY TECHNIC/  
GRAFT VS HOST REACTION/  
HISTOCOMPATIBILITY/ HYPERSENSITIVITY/  
IMMUNOASSAY/ \*KIDNEY, transplantation/  
LIVER, transplantation/ SPLEEN,  
transplantation/ TRANSPLANTATION,  
HOMOLOGOUS/ \*TRANSPLANTATION  
IMMUNOLOGY
5958. Simpson RT, Bethune JL: Ultracentrifuge time-lapse photography. Determination of molecular weights. Biochemistry (Wash) 9:2745-50, 23 Jun 70  
CHYMOTRYPSIN/ \*MOLECULAR WEIGHT/  
OSMOLAR CONCENTRATION/  
\*PHOTOGRAPHY/ RIBONUCLEASE/  
SOLVENTS/ TIME FACTORS/  
\*ULTRACENTRIFUGATION
5959. Sims EA: Pre-eclampsia and related complications of pregnancy. Amer J Obstet Gynec 107:154-81, 1 May 70 (202 ref.)  
ADULT/ ALDOSTERONE, metabolism/  
ANGIOTENSIN, metabolism/ BLOOD  
COAGULATION DISORDERS, complications/  
CATECHOLAMINES, metabolism/ DIAGNOSIS,  
DIFFERENTIAL/ ESTROGENS, metabolism/  
FEMALE/ HUMAN/ KIDNEY DISEASES,  
complications/ PLACENTA/ PLACENTA  
DISORDERS, complications/ PREGNANCY  
TOXEMIAS, diagnosis/ \*PREGNANCY  
TOXEMIAS, etiology/ RENIN, metabolism/  
REVIEW/ SEROTONIN, metabolism/ URIC  
ACID, metabolism/ VASOPRESSIN,  
metabolism/ WATER-ELECTROLYTE  
BALANCE
5960. Sinclair JH: The use of intramuscular streptokinase-streptodornase (varidase) in the management of traumatic facial edema. Oral Surg 28:800-7, Dec 69  
\*EDEMA, drug therapy/ \*FACIAL INJURIES,  
drug therapy/ HUMAN/ INJECTIONS,  
INTRAMUSCULAR/ \*MAXILLOFACIAL  
INJURIES, drug therapy/ \*STREPTODORNASE  
AND STREPTOKINASE, therapeutic use
5961. Sinell HJ, Kusch D: Selektivzüchtung von koagulase-positiven Staphylokokken aus Hackfleisch. Arch Hyg Bakt 153:56-66, Feb 69 (Ger)  
AGAR/ AZIDES/ BERLIN/ COAGULASE/  
CULTURE MEDIA/ EGG YOLK/ ENGLISH  
ABSTRACT/ FOOD CONTAMINATION/ FOOD  
HANDLING/ \*FOOD MICROBIOLOGY/  
GERMANY, WEST/ \*MEAT/ MICROBIAL  
SENSITIVITY TESTS/ POLYMYXIN/  
POTASSIUM/ PYRUVATES/ SODIUM/  
STAPHYLOCOCCUS, enzymology/  
\*STAPHYLOCOCCUS, isolation & purification/  
STATISTICS/ TELLURIUM/ THIOCYANATES
5962. Sinell HJ, Untermann F, Baumgart J: Versuche zum Nachweis von Enterotoxin B bei koagulasepositiven Staphylokokken. Zbl Bakt [Orig] 210:19-31, May 69 (Ger)  
AGAR/ \*COAGULASE/ CULTURE MEDIA/



# AUTHOR SECTION

ENGLISH ABSTRACT/ \*ENTEROTOXINS, biosynthesis/ FREEZE DRYING/ HEMOLYSINS/ HUMAN/ IMMUNOELECTROPHORESIS/ STAPHYLOCOCCAL FOOD POISONING, microbiology/ STAPHYLOCOCCUS, isolation & purification/ \*STAPHYLOCOCCUS, metabolism

5963. Singh G: Assessment of immuno-gel diffusion technique and fibrin degradation flocculation test in fibrinolysis investigations.  
Indian J Med Res 57:1261-7, Jul 69  
\*FIBRIN, analysis/ \*FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ \*GEL DIFFUSION TESTS/  
HUMAN/ \*SERODIAGNOSIS/ STRESS
5964. Singh G, Ball IM, Singh KP, et al: Fibrinolysis mechanism in cardio-pulmonary surgery.  
Indian J Med Res 57:2197-202, Dec 69  
BLOOD COAGULATION/ \*FIBRINOLYSIS/  
\*HEART SURGERY/ HUMAN/ \*LUNG DISEASES, surgery
5965. Singh G, Hussain SK, Matthal TP, et al: Hemostatic mechanism in uremia.  
Indian J Med Sci 23:387-94, Jul 69  
\*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ \*FIBRINOLYSIS/ HUMAN/ \*UREMIA, blood
5966. Singh JN: A modified test for Brucella agglutinins.  
J Clin Path 22:527-9, Sep 69  
\*AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ \*ANTIBODIES, analysis/  
\*BRUCELLA ABORTUS, immunology/  
BRUCELLA, BOVINE, diagnosis/ CATTLE/  
COMPLEMENT FIXATION TESTS/ COOMBS' TEST/ GAMMA GLOBULIN, 7S/ HUMAN/  
PROTAMINES
5967. Singh M, Brooks GC, Srere PA: Subunit structure and chemical characteristics of pig heart citrate synthase.  
J Biol Chem 245:4836-40, 25 Sep 70  
AMINO ACIDS, analysis/ CHEMISTRY/  
CITRATES/ ELECTROPHORESIS, DISK/  
GUANIDINES/ \*LYASES/ LYASES, analysis/  
MERCAPTOETHANOL/ MOLECULAR WEIGHT/ MYOCARDIUM, enzymology/  
PEPTIDES/ SPECTROPHOTOMETRY/ SWINE/  
TRYPSIN/ ULTRACENTRIFUGATION/  
VISCOSITY
5968. Sinha KP, Hopkinson DA: The investigation of reactive sulphhydryls in enzymes and their variants by starch gel electrophoresis. Studies on the human red cell peptidase variant Pep A 5-1.  
Ann Hum Genet 33:139-47, Oct 69  
CYSTAMINE/ CYSTEINE/  
ELECTROPHORESIS/ \*ERYTHROCYTES, enzymology/ GELS/ GENES, STRUCTURAL/  
GENETICS, HUMAN/ GLUCOSEPHOSPHATE ISOMERASE, analysis/ GLUTATHIONE/  
HUMAN/ IODOACETATES/ \*ISOENZYMES, analysis/ MALEATES/ MERCAPTOETHANOL/  
\*PEPTIDE HYDROLASES, analysis/ STARCH/  
\*SULFHYDRYL COMPOUNDS, analysis/  
SULFONIC ACIDS
5969. Sinha NK, Das SK: Crystallization and some properties of goat trypsin. Indian J Biochem 7:78-80, Mar 70  
ANIMAL EXPERIMENTS/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/  
CRYSTALLIZATION/ GOATS/  
HYDROGEN-ION CONCENTRATION/  
PANCREAS, enzymology/ \*TRYPSIN, analysis/  
ULTRACENTRIFUGATION
5970. Sinitsyna AL, Keda IuM: Vydelenie biologicheskii aktivnykh fraktsii iz gormona rosta i ego fermentnykh gidrolizatorov.  
Probl Endokr (Moskva) 13:85-9, Jul-Aug 67 (Rus)  
ANIMAL EXPERIMENTS/  
CHROMATOGRAPHY/ \*CHYMOTRYPSIN/  
ENGLISH ABSTRACT/ GEL FILTRATION/  
\*PEPSIN/ \*SOMATOTROPIN, analysis
5971. Sinitsyna TA, Dokusova OK: Vliianie biotina na obratnoe razvitiie eksperimental'nogo aterosklerozu u krolikov. Kardiologiya 10:131-4, Feb 70 (Rus)
- ANIMAL EXPERIMENTS/ AORTA, pathology/  
\*ARTERIOSCLEROSIS, drug therapy/  
ARTERIOSCLEROSIS, pathology/ \*BIOTIN, therapeutic use/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/  
DIET, ATHEROGENIC/ MALE/ RABBITS
5972. Siparov IN: Nekotorye osobennosti kompensatsii pishchevarenia posle rezedtsii razlichnykh otdelov tonkoi kishki.  
Vestn Khir Grekov 103:47-52, Sep 69 (Rus)  
ANIMAL EXPERIMENTS/ BILIRUBIN, biosynthesis/ CHOLESTEROL, biosynthesis/  
DOGS/ ENGLISH ABSTRACT/ GASTRIC JUICE/ \*GASTROINTESTINAL MOTILITY/  
HUMAN/ ILEOCECAL VALVE, physiology/  
\*ILEUM, physiology/ ILEUM, surgery/  
\*INTESTINES, surgery/ \*LIVER, physiology/  
\*PANCREAS, physiology/ POSTOPERATIVE COMPLICATIONS/ PROTEINS, biosynthesis/  
PROTHROMBIN, biosynthesis/ UREA, biosynthesis
5973. Sipos T, Merkel JR: An effect of calcium ions on the activity, heat stability, and structure of trypsin.  
Biochemistry (Wash) 9:2766-75, 7 Jul 70  
\*CALCIUM/ CATTLE/ CHEMISTRY/  
CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, DISK/  
ENZYME ACTIVATION/ GEL FILTRATION/  
HEAT/ HYDROGEN-ION CONCENTRATION/  
OPTICAL ROTATORY DISPERSION/  
PROTEIN DENATURATION/  
SPECTROPHOTOMETRY/ \*TRYPSIN/  
ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS
5974. Siraganian RP, Osler AG: Antigenic release of histamine from rabbit leukocytes.  
J Immun 104:1340-7, Jun 70  
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ \*ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BLOOD PLATELETS, immunology/ CALCIUM/  
DINITROPHENOLS/ HAPTENS/ \*HISTAMINE LIBERATION/ IMMUNIZATION/  
\*LEUKOCYTES, immunology/ LYSINE/  
MAGNESIUM/ MALE/ OVALBUMIN/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PROTEIN BINDING/ RABBITS/ RADIOISOTOPES/  
REAGINS/ RUBIDIUM/ SERUM ALBUMIN/  
TYROSINE
5975. Siraganian RP, Osler AG: The allergic response of rabbit leukocytes and platelets.  
Folia Allerg (Roma) 17:421, Jul-Aug 70  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY COMPLEX/ \*BLOOD PLATELETS, immunology/ HISTAMINE LIBERATION/ \*HYPERSENSITIVITY, IMMEDIATE, immunology/ \*LEUKOCYTES, immunology/ RABBITS/ REAGINS
5976. Siubaeva NI, Dygin VP: K voprosu o klinike i lechenii bolezni Moshkovitsa.  
Probl Gemat 15:37-40, Mar 70 (Rus)  
ADULT/ CASE REPORT/ FEMALE/ HUMAN/  
\*PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ \*PURPURA, THROMBOTIC THROMBOPENIC, therapy
5977. Sjögren A, Böttiger LE, Blörck G, et al: Adenosine-diphosphate-induced platelet adhesiveness in patients with ischaemic heart disease.  
Acta Med Scand 187:89-94, Jan-Feb 70  
ADENINE NUCLEOTIDES, diagnostic use/  
ADULT/ AGED/ \*BLOOD PLATELETS, physiopathology/ CHOLESTEROL, blood/  
DIABETES MELLITUS, physiopathology/  
FEMALE/ GLUCOSE TOLERANCE TEST/  
HUMAN/ INSULIN, therapeutic use/ MALE/  
MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, physiopathology/ PLATELET ADHESIVENESS/  
TRIGLYCERIDES, blood
5978. Sjöstedt S: Induction of labour. A comparison of intranasal and transbuccal administration of oxytocin.  
Acta Obstet Gynec Scand [Suppl] 7:Suppl 7:1-17, 1969  
DELIVERY/ EMBOLISM, AMNIOTIC FLUID/



# AUTHOR SECTION

- FEMALE/ FETAL DEATH/ GESTATIONAL AGE/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ \*LABOR, INDUCED/ \*OXYTOCIN, administration & dosage/ OXYTOCIN, pharmacodynamics/ PARITY/ PREGNANCY/ PREGNANCY COMPLICATIONS/ TABLETS
5979. Skeggs LT, Lentz KE, Kahn JR, et al: Pseudorenin. A new angiotensin-forming enzyme. *Circ Res* 25:451-62, Oct 69  
ADRENAL GLANDS, enzymology/ \*ANGIOTENSIN, biosynthesis/ ANIMAL EXPERIMENTS/ AORTA, enzymology/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DUODENUM, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ PANCREAS, enzymology/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, blood/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ RATS/ \*RENIN/ SALIVARY GLANDS, enzymology/ SPLEEN, enzymology/ SWINE/ TESTIS, enzymology/ THYMUS GLAND, enzymology
5980. Skelton FS, Rietz PJ, Folkers K: Coenzyme Q. CXXII. Identification of ubiquinone-8 biosynthesized by *Plasmodium knowlesi*, *P. cynomolgi*, and *P. berghei*. *J Med Chem* 13:602-6, Jul 70  
CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ \*PLASMODIUM, metabolism/ SHIKIMIC ACID, metabolism/ SPECTRUM ANALYSIS/ \*UBIQUINONE, biosynthesis/ UBIQUINONE, blood/ VITAMIN K, blood
5981. Skipemrov VP: Rol' tkanevykh faktorov v kokal'nom remostaze. *Probl Gemat* 13:27-31, Jun 68 (Rus)  
AMNIOTIC FLUID/ \*BLOOD COAGULATION/ BRAIN/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FACTOR VII, analysis/ FEMALE/ HUMAN/ KIDNEY/ LIVER/ LUNG/ MALE/ MUSCLES/ PLACENTA/ PROSTATE/ PROTHROMBIN TIME/ \*THROMBOPLASTIN/ \*TISSUE EXTRACTS, pharmacodynamics
5982. Skipemrov VP, Gerasimenko LG, Usikova TA: Fibrinostabiliziruyushchie svoystva tkanei t5. *Probl Gemat* 13:24-7, Jun 68 (Rus)  
ANIMAL EXPERIMENTS/ BRAIN/ ENGLISH ABSTRACT/ \*FIBRINOLYSIS, drug effects/ KIDNEY/ LIVER/ LUNG/ MUSCLES/ RATS/ SKIN/ \*TISSUE EXTRACTS, pharmacodynamics
5983. Skipetrov VP: Fibrinoliticheskie svoystva tkanei cheloveka i patogeneza giperfibrinoliza pri trombohemorrhagicheskom sindrome. *Probl Gemat* 14:36-43, Nov 69 (Rus)  
ADENOMA/ AFIBRINOGENEMIA, etiology/ AMNIOTIC FLUID, analysis/ \*BLOOD COAGULATION DISORDERS, etiology/ BRAIN/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MUSCLES, analysis/ MYOCARDIUM/ PANCREAS, analysis/ PERITONEUM/ PERITONITIS/ PLEURA, analysis/ PREGNANCY/ PROSTATE, analysis/ PROSTATIC NEOPLASMS/ SKIN, analysis/ \*THROMBOSIS, etiology/ UTERUS
5984. Skipetrov VP: Fibrinoliticheskie svoystva tkanei matki i patogeneza giperfibrinoliza pri akusherskom trombohemorrhagicheskom sindrome. *Vop Okhr Materin Dets* 14:69-75, Mar 69 (Rus)  
AFIBRINOGENEMIA, etiology/ \*AMNIOTIC FLUID, analysis/ \*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ GESTATIONAL AGE/ HEMORRHAGE, etiology/ HUMAN/ MECONIUM, analysis/ \*PLACENTA, analysis/ PREGNANCY/ \*PREGNANCY COMPLICATIONS/ THROMBOSIS, etiology/ UTERUS
5985. Skipetrov VP: Trombinopodobnye svoystva tkanei. *Probl Gemat* 13:29-32, Jan 68 (Rus)  
\*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ \*DECIDUA/ \*ENDOMETRIUM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ \*PLACENTAL EXTRACTS, pharmacodynamics/ PREGNANCY/ \*THROMBIN/ \*TISSUE EXTRACTS, pharmacodynamics
5986. Skipetrov VP: Metod opredeleniya fibrinoliticheskikh svoystv tkanei. *Lab Delo* 8:482-4, 1969 (Rus)  
ANIMAL EXPERIMENTS/ \*FIBRINOLYTIC AGENTS, analysis/ HUMAN/ METHODS/ RATS
5987. Skipetrov VP, Bzhegakova LP, Guber LI: Ekspres-metod opredeleniya fibrinoliza, retraktssii krovnogo sgustka i utilitatsii nekotorykh faktorov v protsesse gemokoagulatsii. *Lab Delo* 8:480-2, 1969 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD COAGULATION TESTS/ CLOT RETRACTION/ \*FIBRINOLYSIS/ HUMAN
5988. Skipetrov VP, Lisunova SI: Patogeneza i profilaktika narusheniya gemostaza pri zabolevaniyakh predstatel'noi zhelezy. *Klin Khir* (Kiev) 5:33-9, May 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ DOGS/ \*HEMORRHAGE, etiology/ HEMOSTASIS/ \*PROSTATIC DISEASES, complications
5989. Skipetrov VP, Nikolenko KK: Gemokoaguliruyushchie svoystva blushinu cheloveka i mekhanizm obrazovaniya spaek. *Klin Khir* (Kiev) 2:64-8, Feb 70 (Rus)  
\*ADHESIONS, etiology/ \*BLOOD COAGULATION, drug effects/ FIBRINOLYSIS/ HUMAN/ \*PERITONEUM/ PERITONEUM, enzymology/ PERITONITIS/ \*POSTOPERATIVE COMPLICATIONS, etiology/ \*TISSUE EXTRACTS, pharmacodynamics
5990. Skjorten F: Hyaline microthrombi in an autopsy material. A quantitative study with discussion of the relationship to small vessel thrombosis. *Acta Path Microbiol Scand* 76:361-75, 1969  
BLOOD COAGULATION DISORDERS, etiology/ BRONCHOPNEUMONIA, etiology/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ PITUITARY GLAND, pathology/ \*SHWARTZMAN PHENOMENON, pathology/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ \*THROMBOSIS, pathology
5991. Skripnichenko DF: Lechenie obliteriruyushchego arterioza. *Klin Khir* (Kiev) 4:26-31, Apr 69 (Rus)  
\*ANTICOAGULANTS, therapeutic use/ \*ARTERIOSCLEROSIS OBLITERANS, drug therapy/ ARTERIOSCLEROSIS OBLITERANS, surgery/ \*HEPARIN, therapeutic use/ HUMAN/ \*NICOTINIC ACID, therapeutic use/ SYMPATHECTOMY
5992. Skrzydlewski Z: Rola lipoproteidow w procesie fibrynolizy. *Wlad Lek* 23:1017-21, 15 Jun 70 (38 ref.) (Pol)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CHOLESTEROL, metabolism/ DOGS/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, blood/ HUMAN/ LIPIDS, metabolism/ \*LIPOPROTEINS, blood/ RABBITS/ RACIAL STOCKS/ REVIEW
5993. Skrzypczak J: Einseitige Stauungspapillen. *Zbl Neurochir* 30:249-54, 1969 (Ger)  
ASTROCYTOMA, diagnosis/ BRAIN ABSCESS, diagnosis/ BRAIN NEOPLASMS, complications/ \*BRAIN NEOPLASMS, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ CRANIOPHARYNGIOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EPENDYMOMA, diagnosis/ GLIOBLASTOMA MULTIFORME, diagnosis/



# AUTHOR SECTION

HEMANGIOMA, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ HYDROCEPHALUS, diagnosis/ INTRACRANIAL PRESSURE/ MEDULLOBLASTOMA, diagnosis/ MENINGIOMA, diagnosis/ NEURILEMMOMA, diagnosis/ OLIGODENDROGLIOMA, diagnosis/ \*PAPILLEDEMA, diagnosis/ PINEALOMA, diagnosis

5994. Slapak M, Baddeley RM: Preservation of the primate liver by simple cooling and orthoptic autotransplantation for 2 and one-half-6 hours. Brit J Surg 57:385, May 70

ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ COLD/ FIBRINOGEN/ HEMATOCRIT/ ISCHEMIA/ LIVER, pathology/ \*LIVER, transplantation/ LIVER FUNCTION TESTS/ MONKEYS/ TIME FACTORS/ \*TISSUE PRESERVATION/ TRANSPLANTATION, AUTOLOGOUS

5995. Slávik I, Nermut MV: Some physical and chemical properties of Kemerovo virus; a comparison with group A and B arboviruses.

Acta Virol (Praha) 14:171-4, Mar 70  
ARBOVIRUS, classification/ ARBOVIRUS, drug effects/ \*ARBOVIRUS, pathogenicity/ BRAIN/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ CHROMATOGRAPHY/ DRUG RESISTANCE, MICROBIAL/ MICROSCOPY, ELECTRON/ PHOSPHOTUNGSTIC ACID/ PROTAMINES, pharmacodynamics/ RATS/ STAINS AND STAINING/ STREPTOMYCIN, pharmacodynamics/ SUCROSE/ TISSUE CULTURE/ ULTRASONICS/ VIBRATION/ VIRUS CULTIVATION

5996. Slepovronskii BV, Khomiakov NI: Osobennosti svertyvalushchei antisvertyvalushchei sistemy krovi bol'nykh infil'trativno-pnevmonicheskimi tuberkulezom legkikh.

Vrach Delo 3:80-2, Mar 69 (Rus)  
ADULT/ \*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*TUBERCULOSIS, PULMONARY, blood

5997. Silvinskii BP: Nekotorye dannye aktivnosti tseruloplazmina u bol'nykh s zabolevaniyami krovi i portal'noi gipertenziei.

Probl Gemat 13:31-2, Apr 68 (Rus)  
\*ANEMIA, APLASTIC, blood/ \*ANEMIA, HEMOLYTIC, blood/ \*CERULOPLASMIN, analysis/ ENGLISH ABSTRACT/ HUMAN/ \*HYPERTENSION, PORTAL, blood/ \*PURPURA, THROMBOPENIC, blood

5998. Sloof JP: Oorzaak en behandeling van bloedingen uit de tractus digestivus bij kinderen. II.

Nederl T Geneesk 112:2042-53, 9 Nov 68 (125 ref.) (Dut)

ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ COLITIS, ULCERATIVE, complications/ DIET THERAPY/ FEMALE/ HEMOPHILIA, complications/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, occurrence/ HEMORRHAGE, GASTROINTESTINAL, surgery/ \*HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ INTESTINAL OBSTRUCTION, complications/ INTESTINAL POLYPS, complications/ MALE/ PEPTIC ULCER HEMORRHAGE/ PHYSICAL EXAMINATION/ PURPURA, complications/ REVIEW/ STRESS

5999. Sloviter HA, Yamada H, Ogoshi S: Some effects of intravenously administered dispersed fluorochemicals in animals.

Fed Proc 29:1755-7, Sep-Oct 70  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ \*FLUORINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYDROCARBONS, HALOGENATED, pharmacodynamics/

\*INJECTIONS, INTRAVENOUS/ MICE/ RABBITS/ RATS/ SUSPENSIONS/ \*THROMBOEMBOLISM, chemically induced

6000. Sluga E, Monneron A: Über die Feinstruktur und Topochemie von Riesenmitochondrien und deren Einlagerungen bei Myopathien.

Virchow Arch [Path Anat] 350:250-60, 1970 (Ger)  
ADULT/ CELLULAR INCLUSIONS/ CHILD/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HUMAN/ INDICATORS AND REAGENTS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE/ MITOCHONDRIA, MUSCLE, enzymology/ MITOCHONDRIAL SWELLING/ MUSCULAR DISEASES, enzymology/ MUSCULAR DISEASES, pathology/ MUSCULAR DYSTROPHY, pathology/ MYOFIBRILS/ PEPTIDE HYDROLASES, analysis/ SARCOLEMMMA

6001. Sluga E, Monneron A: Über die Feinstruktur und Topochemie von Riesenmitochondrien und deren Einlagerungen bei Myopathien.

Virchow Arch [Path Anat] 350:250-60, 1970 (Ger)  
ADULT/ CELLULAR INCLUSIONS/ CHILD/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HUMAN/ INDICATORS AND REAGENTS/ MICROSCOPY, ELECTRON/ \*MITOCHONDRIA, MUSCLE/ MITOCHONDRIA, MUSCLE, enzymology/ MITOCHONDRIAL SWELLING/ \*MUSCULAR DISEASES/ MUSCULAR DISEASES, enzymology/ MUSCULAR DYSTROPHY, pathology/ MYOFIBRILS/ PEPTIDE HYDROLASES, analysis/ SARCOLEMMMA

6002. Sluyser M, Snellen-Jurgens NH: Interaction of histones and nucleic acids in vitro.

Biochim Biophys Acta 199:490-9, 18 Feb 70  
ANIMAL EXPERIMENTS/ ARGININE/ CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/ \*DNA/ GEL FILTRATION/ \*HISTONES/ LYSINE/ NUCLEIC ACID DENATURATION/ OSMOLAR CONCENTRATION/ PEPTIDES/ PRECIPITATION/ \*RNA/ SOLUBILITY/ THYMUS GLAND

6003. Small NA, Holton JB: Determination of platelet serotonin by a fluorimetric method.

Clin Chim Acta 27:171-5, Jan 70  
ADOLESCENCE/ AMINO ACID METABOLISM, INBORN ERRORS, blood/ \*BLOOD PLATELETS, analysis/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FLUOROMETRY/ HISTIDINE/ HISTIDINE, metabolism/ HUMAN/ INFANT/ MALE/ METHODS/ PHENYLALANINE/ PHENYLKETONURIA, metabolism/ \*SEROTONIN, blood

6004. Smilowicz M: Zagadnienie leczenia zimań u chorych na hemofilię. Wlad Lek 23:565-9, 1 Apr 70 (8 ref.) (Pol)

BLOOD COAGULATION FACTORS/ CHRISTMAS DISEASE, therapy/ ENGLISH ABSTRACT/ FACTOR VIII/ FACTOR IX/ \*FRACTURE FIXATION/ \*HEMOPHILIA, complications/ HEMORRHAGE, drug therapy/ HEMORRHAGE, therapy/ HEMOSTASIS/ HUMAN/ REVIEW/ TIME FACTORS/ VOLKMANN'S CONTRACTURE

6005. Smirnov BA: Vliyanie vnutrivennykh vvedenií HCl i Na2CO3 na svertyvaemost', kolichestvo leikotsitov, Ph i rezervnuu shchelochnost' krovi.

Fiziol Zh SSSR Sechenov 54:1193-8, Oct 68 (Rus)  
\*ACID-BASE EQUILIBRIUM, drug effects/ \*BLOOD COAGULATION, drug effects/ \*CARBONATES, pharmacodynamics/ \*HYDROCHLORIC ACID, pharmacodynamics/ \*HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRAVENOUS/ LEUKOCYTES, drug effects/ SODIUM, pharmacodynamics

6006. Smirnova GA, Alekaev NS, Galitskaya NI: K voprosu ob opredelenii aminnogo azota pri izuchenii atakuemosti belkov proteoliticheskimi fermentami.

Vop Pitani 29:87-8, Jan-Feb 70 (Rus)  
\*AMINES, analysis/ COOKERY/ \*DAIRY PRODUCTS, analysis/ DIGESTION/ \*HEAT/



# AUTHOR SECTION

- \*NITROGEN, analysis/ \*PEPTIDE  
HYDROLASES/ \*RICE, analysis
6007. Smith BL, Beatson NS: Bovine enzootic haematuria in New Zealand. *New Zeal Vet J* 18:115-20, Jun 70  
\*ADENOCARCINOMA, veterinary/ \*ANEMIA, veterinary/ \*ANGIOSARCOMA, veterinary/ BLADDER NEOPLASMS, pathology/ \*BLADDER NEOPLASMS, veterinary/ \*CARCINOMA, EPIDERMAL, veterinary/ \*CARCINOMA, TRANSITIONAL CELL, veterinary/ CATTLE/ \*CATTLE DISEASES/ CATTLE DISEASES, etiology/ CATTLE DISEASES, pathology/ CHRONIC DISEASE/ DISEASE OUTBREAKS, veterinary/ \*HEMANGIOMA, veterinary/ HEMATURIA, etiology/ HEMATURIA, occurrence/ \*HEMATURIA, veterinary/ NEW ZEALAND/ \*PAPILLOMA, veterinary
6008. Smith CH, Khakoo Y: Burr cells: classification and effect of splenectomy. *J Pediatr* 76:99-104, Jan 70  
ADOLESCENCE/ ANEMIA, HEMOLYTIC, CONGENITAL, therapy/ CHILD/ CHILD, PRESCHOOL/ \*ERYTHROCYTES, ABNORMAL/ FEMALE/ HUMAN/ MALE/ PURPURA, THROMBOCYTOPENIC, therapy/ SPHEROCYTOSIS, HEREDITARY, therapy/ \*SPLENECTOMY
6009. Smith GF, Murray M: Thrombosis and blood coagulation. A study by quantitative N-terminal amino acid analysis.  
*Arch Path (Chicago)* 89:235-46, Mar 70  
ALANINE, analysis/ \*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ AUTOANALYSIS/ BINDING SITES/ \*BLOOD COAGULATION/ CATTLE/ CHEMISTRY/ EDTA/ FIBRIN/ \*FIBRIN, analysis/ \*FIBRINOGEN, analysis/ GLYCINE, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MODELS, BIOLOGIC/ THROMBIN, pharmacodynamics/ \*THROMBOSIS, blood/ THROMBOSIS, enzymology/ TYROSINE, analysis
6010. Smith GW: Splenectomy and coronary vein ligation for the control of bleeding esophageal varices.  
*Amer J Surg* 119:122-31, Feb 70  
ADOLESCENCE/ ADULT/ AGED/ \*CORONARY VESSELS, surgery/ ESOPHAGEAL VARICES, complications/ ESOPHAGEAL VARICES, diagnosis/ \*ESOPHAGEAL VARICES, surgery/ FEMALE/ \*HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMOSTASIS/ HUMAN/ HYPERSPLENISM, surgery/ \*LIVER, blood supply/ LIVER CIRCULATION/ MALE/ MIDDLE AGE/ PORTACAVAL ANASTOMOSIS/ RADIOISOTOPE SCANNING/ \*SPLENECTOMY/ SPLENOPTOGRAM/ VEINS, surgery
6011. Smith HB, Farkas-Himsley H: The relationship of pathogenic coagulase-negative staphylococci to *Staphylococcus aureus*.  
*Canad J Microbiol* 15:879-90, Aug 69  
ANTIGENS, analysis/ BACTERIOPHAGE TYPING/ CARBOHYDRATES, metabolism/ CATALASE, metabolism/ \*COAGULASE/ DEOXYRIBONUCLEASE, metabolism/ HEMOLYSIS/ HUMAN/ LYSOSTAPHIN, pharmacodynamics/ MICROBIAL SENSITIVITY TESTS/ OXYGEN CONSUMPTION/ SEROTYPING/ \*STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism/ STAPHYLOCOCCUS, pathogenicity
6012. Smith L: Chemonucleolysis.  
*Clin Orthop* 67:72-80, Nov-Dec 69  
ADULT/ \*BACKACHE, drug therapy/ BACKACHE, etiology/ CONTRAST MEDIA/ FOLLOW-UP STUDIES/ HUMAN/ INJECTIONS/ \*INTERVERTEBRAL DISK/ INTERVERTEBRAL DISK, radiography/ INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ LAMINECTOMY/ LUMBAR VERTEBRAE, radiography/ MALE/ MIDDLE AGE/ \*PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ \*SCIATICA, drug therapy/ SCIATICA, etiology/ SPINAL DISEASES, complications/ \*SPINAL DISEASES, drug therapy/ SPINAL DISEASES, radiography
6013. Smith PF, Koostra WL, Mayberry WR: Observations on membranes of *Mycoplasma laidlawii* strain B.  
*J Bact* 100:1166-74, Dec 69  
ALKALINE PHOSPHATASE, pharmacodynamics/ ALKYLATING AGENTS, pharmacodynamics/ BACTERIAL PROTEINS, analysis/ \*CELL MEMBRANE/ CELL MEMBRANE, analysis/ CELL MEMBRANE, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, GAS/ CHYMOTRYPSIN, pharmacodynamics/ DETERGENTS, metabolism/ DETERGENTS, pharmacodynamics/ ELECTROPHORESIS, DISK/ LIPIDS, analysis/ MYCOPLASMA, analysis/ \*MYCOPLASMA, cytology/ MYCOPLASMA, drug effects/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ TRYPSIN, pharmacodynamics
6014. Smith RE, Zweerink HJ, Joklik WK: Polypeptide components of virions, top component and cores of reovirus type 3. *Virology* 39:791-810, Dec 69  
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, DISK/ FORMAMIDE, pharmacodynamics/ HELA CELLS/ L CELLS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ \*PEPTIDES, analysis/ POLIOVIRUS, metabolism/ \*REOVIRUS, analysis/ REOVIRUS isolation & purification/ REOVIRUS, metabolism/ TRITIUM/ \*VIRAL PROTEINS, analysis
6015. Smoler J, Martínez S, Vivar G, et al: Angiofibromas juveniles nasofaríngeos.  
*Acta Otorinolaring Iber Amer* 20:394-401, 1969 (Spa)  
ADOLESCENCE/ ANGIOGRAPHY/ ANGIOMA, SCLEROSING, radiography/ \*ANGIOMA, SCLEROSING, surgery/ CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ \*NASOPHARYNGEAL NEOPLASMS
6016. Smorenberg-Schoorl ME, Vreeken J: Intravasale stolling bij toxicose en eclampsie.  
*Nederl T Geneesk* 114:400-2, 28 Feb 70 (Du)  
\*BLOOD COAGULATION/ ECLAMPSIA, physiopathology/ FEMALE/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, physiopathology/ VASOPRESSIN, physiology
6017. Smorenberg-Schoorl ME, Vreeken J: Intravasale stolling bij toxicose en eclampsie.  
*Nederl T Verlosk* 70:140-54, Apr 70 (Du)  
ADULT/ \*BLOOD COAGULATION/ BLOOD PLATELETS, analysis/ CREATININE, analysis/ \*ECLAMPSIA, blood/ FACTOR V, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ PREGNANCY/ \*PREGNANCY TOXEMIAS, blood
6018. Smyth GD, Kerr AG: Staged tympanoplasty.  
*J Laryng* 84:757-64, Aug 70  
ADHESIONS, surgery/ AUDIOMETRY/ CHOLESTEATOMA, surgery/ EAR OSSICLES, surgery/ HEMORRHAGE, etiology/ HUMAN/ METHODS/ TIME FACTORS/ \*TYMPANOPLASTY/ TYMPANOPLASTY, adverse effects
6019. Sneddon JM: Sodium-dependent accumulation of 5-hydroxytryptamine by rat blood platelets.  
*Brit J Pharmacol* 37:680-8, Nov 69  
ANIMAL EXPERIMENTS/ \*BIOLOGICAL TRANSPORT, ACTIVE/ \*BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ IN VITRO/ KINETICS/ MALE/ POTASSIUM, analysis/ POTASSIUM, pharmacodynamics/ RATS/ \*SEROTONIN, metabolism/ SODIUM, analysis/ \*SODIUM, pharmacodynamics/ TRITIUM
6020. Snyder CD, Rapoport H: Biosynthesis of bacterial menaquinones. Origin of quinone oxygens.



# AUTHOR SECTION

- Biochemistry (Wash) 9:2033-8, 12 May 70  
ATMOSPHERIC PRESSURE/  
BACTERIOLOGICAL TECHNIQS,  
instrumentation/ CARBON DIOXIDE,  
metabolism/ CARBON DIOXIDE,  
pharmacodynamics/ DEPRESSION, CHEMICAL/  
MANOMETRY/ MYCOBACTERIUM, drug  
effects/ MYCOBACTERIUM, growth &  
development/ \*MYCOBACTERIUM, metabolism/  
\*OXYGEN/ OXYGEN CONSUMPTION/  
OXYGEN ISOTOPES/ PARTIAL PRESSURE/  
\*QUINONES, biosynthesis/ QUINONES,  
metabolism/ TRITIUM/ \*VITAMIN K,  
biosynthesis/ WATER, metabolism
6021. Snyder DT, Penner JA: Preventive and restorative dental care for the hemophilic.  
J Mich Dent Ass 52:6-8, Jan 70  
DENTISTRY, OPERATIVE/ HEMOPHILIA,  
complications/ HEMORRHAGE, ORAL,  
prevention & control/ PREVENTIVE  
DENTISTRY/ SPECIAL LIST DENTAL
6022. Sodek J, Hofmann T: Large-scale preparation and some properties of penicillopepsin, the acid proteinase of *Penicillium janthinellum*.  
Canad J Biochem 48:425-31, Apr 70  
ALANINE, analysis/ CARBOXYPEPTIDASES/  
CHROMATOGRAPHY/ CRYSTALLIZATION/  
ELECTROPHORESIS/ FILTRATION/ GELS/  
HEAT/ HYDROGEN-ION CONCENTRATION/  
\*PENICILLIUM, enzymology/ \*PEPTIDE  
HYDROLASES, isolation & purification/  
PROTEIN DENATURATION/ SERINE, analysis/  
X-RAY DIFFRACTION
6023. Söder PO: The molecular size of enzymes from dental plaque material. J Periodont Res 4:215-22, 1969  
AMYLASE, analysis/ DENTAL PLAQUE,  
enzymology/ HYALURONIDASE, analysis/  
MOLECULAR WEIGHT/ PEPTIDE  
HYDROLASES, analysis/ SPECIAL LIST  
DENTAL
6024. Söder PO: Determination of molecular sizes of enzymes from dental plaque material.  
J Periodont Res 4:168, 1969  
AMYLASE, analysis/ DENTAL PLAQUE,  
enzymology/ GEL FILTRATION/  
HYALURONIDASE, analysis/ MOLECULAR  
WEIGHT/ PEPTIDE HYDROLASES, analysis/  
SPECIAL LIST DENTAL
6025. Söder PO, Nord CE, Lundblad G, et al: Investigation on lysozyme, protease and hyaluronidase activity in extracts from human leukocytes.  
Acta Chem Scand 24:129-36, 1970  
CYSTEINE/ ENZYME ACTIVATION/ GEL  
FILTRATION/ GLUTATHIONE/ HUMAN/  
\*HYALURONIDASE, analysis/ HYDROGEN-ION  
CONCENTRATION/ \*LEUKOCYTES,  
enzymology/ MOLECULAR WEIGHT/  
\*MURAMIDASE, analysis/ \*PEPTIDE  
HYDROLASES, analysis
6026. Söder PO, Theilade E, Loe H: Proteolytic activity in the developing dental plaque.  
J Periodont Res 4:Suppl 4:11, 1969  
DENTAL PLAQUE, enzymology/ GINGIVITIS,  
etiology/ PEPTIDE HYDROLASES, analysis/  
SPECIAL LIST DENTAL
6027. Sodja I, Mašková L: Concentration and purification of haemagglutinin of three types of Myxovirus parainfluenzae by means of chemical methods.  
J Hyg Epidem (Praha) 13:300-6, 1969  
ACETONE/ ADSORPTION/ ALCOHOL,  
ETHYL/ ALCOHOL, METHYL/ ALCOHOLS/  
ALUMINUM/ AMMONIUM COMPOUNDS/  
\*ANTIBODIES, isolation & purification/  
CALCIUM/ CHLOROFORM/  
HEMAGGLUTINATION TESTS/ HYDROXIDES/  
METHODS/ \*MYXOVIRUS, immunology/  
PHOSPHATES/ POTASSIUM/  
PRECIPITATION/ PROTAMINES/ SODIUM/  
SULFATES/ TEMPERATURE/ VIRUS  
CULTIVATION/ ZINC
6028. Soeterboek AM: Bloed en de fractionering van bloed. Pharm Weekbl 104:1578-601, 12 Dec 69 (23 ref.) (Dut)
- ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION FACTORS/ BLOOD GROUPS/  
BLOOD PLATELETS/ BLOOD  
PRESERVATION/ \*BLOOD TRANSFUSION/  
BLOOD TRANSFUSION, adverse effects/  
ENGLISH ABSTRACT/ ERYTHROCYTES/  
FACTOR VIII/ GAMMA GLOBULIN/ HUMAN/  
IMMUNE SERUMS/ LEUKOCYTES/ PLASMA/  
PLASMAPHERESIS/ REVIEW
6029. Sokolov IM: Ob izmenenii nekotorykh pokazatelei lipidnogo obmena u bol'nykh aterosklerozom pri lechenii vitaminami B 1, B 6, i B 12.  
Vop Pitn 28:17-21, May-Jun 69 (Rus)  
\*ARTERIOSCLEROSIS, blood/  
ARTERIOSCLEROSIS, drug therapy/  
ARTERIOSCLEROSIS, enzymology/ BLOOD,  
drug effects/ CHOLESTEROL, blood/  
DEPRESSION, CHEMICAL/ ENGLISH  
ABSTRACT/ HUMAN/ \*LIPIDS, blood/  
LIPIDS, metabolism/ LIPOPROTEIN LIPASE,  
blood/ LIPOPROTEINS, blood/ PYRIDOXINE,  
therapeutic use/ \*PYRIDOXINE, therapeutic  
use/ STIMULATION, CHEMICAL/ \*THIAMINE,  
pharmacodynamics/ \*VITAMIN B 12,  
pharmacodynamics/ VITAMIN B 12,  
therapeutic use
6030. Sokolov IuN: Sochetannala khimioterapii zlokachestvennykh opukholei angiennogo proiskhozhdenia.  
Vestn Akad Med Nauk SSSR 24:40-5, 1969 (Rus)  
ADOLESCENCE/ ADULT/ AGED/  
ANGIOSARCOMA, drug therapy/  
\*ANTINEOPLASTIC AGENTS, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/  
HEMANGIOENDOTHELIOMA, drug therapy/  
HEMANGIOPERICYTOMA, drug therapy/  
HUMAN/ MALE/ MIDDLE AGE/  
\*NEOPLASMS, VASCULAR TISSUE, drug  
therapy
6031. Solanke TF, Osunkoya BO, Mackey DA: Idiopathic intramural haematoma of the duodenum.  
W Afr Med J 18:140-2, Aug 69  
ADULT/ \*DUODENAL DISEASES/  
\*HEMATOMA/ HUMAN/ MALE
6032. Solberg LA: The International Atherosclerosis Project.  
Nord Med 83:97-102, 22 Jan 70 (Nor)  
ADULT/ AGE FACTORS/ AGED/  
\*ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS,  
complications/ ARTERIOSCLEROSIS, etiology/  
DIET, ATHEROGENIC/ ENGLISH ABSTRACT/  
ENVIRONMENT/ FEMALE/ HUMAN/  
INTERNATIONAL COOPERATION/ MALE/  
MIDDLE AGE/ RACIAL STOCKS/ SEX  
FACTORS
6033. Solberg LI, Brooks FP: Cholinergic control of rabbit pancreatic secretion. Amer J Dig Dis 14:782-7, Nov 69  
ACETYLCHOLINE, analysis/ AMYLASE,  
analysis/ ANIMAL EXPERIMENTS/ CATS/  
CHYMOTRYPSIN, analysis/ ELECTRIC  
STIMULATION/ MALE/ PANCREAS,  
physiology/ \*PANCREAS, secretion/  
PANCREATIC JUICE, analysis/ PANCREATIC  
JUICE, secretion/ PHYSOSTIGMINE,  
pharmacodynamics/ RABBITS/  
TEMPERATURE/ TRYPSIN, analysis/ \*VAGUS  
NERVE
6034. Solheid C: Syringomyélie vraie et gliomatose cavitaire chez l'enfant.  
Acta Neurol Belg 70:269-85, Mar-Apr 70 (Fre)  
ABNORMALITIES, MULTIPLE/  
ANGIOMATOSIS/ BIOPSY/ DEMYELINATION/  
\*GLIOMA, complications/ GLIOSIS/  
HYDROCEPHALUS/ MEDULLA OBLONGATA,  
pathology/ NECROSIS/ PONS, pathology/  
QUADRIPLEGIA, etiology/ \*SPINAL CORD  
NEOPLASMS, pathology/ STAINS AND  
STAINING/ \*STATUS DYSRAPHICUS,  
complications/ \*SYRINGOMYELIA,  
complications
6035. Solomon HM: Clinical disorders of drug interaction. Advances Intern Med 18:285-301, 1970 (96 ref.)  
ALCOHOL, ETHYL, pharmacodynamics/  
ANTICOAGULANTS, pharmacodynamics/



# AUTHOR SECTION

- ANTICONVULSANTS, pharmacodynamics/  
ANTIDIABETICS, pharmacodynamics/ \*DRUG  
ANTAGONISM/ \*DRUG SYNERGISM/ \*DRUG  
THERAPY, adverse effects/ DRUGS,  
metabolism/ HUMAN/ KIDNEY, drug effects/  
PROTEIN BINDING/ REVIEW
6036. Solomonova SG, Kurinna NV: Spectrofotometrychnyi  
method kil'kisnoho vyznachennia dykumarynu i  
neodykumarynu. Farm Zh (Kiev) 25:83-4, 1970 (Ukr)  
\*BISHYDROXYCOUMARIN, analysis/ \*ETHYL  
BISCOUMACETATE, analysis/  
\*SPECTROPHOTOMETRY/ TABLETS, analysis
6037. Solov'ev GM, Guseinov ChS, Gebel' GIa, et al: Ob  
uchastii legkikh v fibrinoliticheskikh protsessakh  
organizma. Bull Eksp Biol Med 69:22-5, May 70 (Rus)  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH  
ABSTRACT/ \*FIBRINOLYSIS/ \*FIBRINOLYTIC  
AGENTS, secretion/ \*LUNG, secretion
6038. Solovko AIu: Elektrokhirurgicheskie metody lechenia  
gemangiom. Vop Onkol 16:95-8, 1970 (Rus)  
ADOLESCENCE/ CHILD/ CHILD,  
PRESCHOOL/ \*ELECTROCOAGULATION/  
ENGLISH ABSTRACT/ \*EXTREMITIES/  
\*FACIAL NEOPLASMS, surgery/ FEMALE/  
\*HEMANGIOMA, surgery/ HEMANGIOMA,  
CAVERNOUS, surgery/ HUMAN/ INFANT/  
METHODS/ \*NECK NEOPLASMS, surgery/  
\*SKIN NEOPLASMS, surgery/ \*SURGERY,  
PLASTIC
6039. Solovko AIu: O platnistykh gemangiomakh i ikh  
lechenii. Sovet Med 33:141-3, Feb 70 (Rus)  
ADOLESCENCE/ ELECTROCOAGULATION/  
FEMALE/ \*HEMANGIOMA, surgery/ HUMAN/  
MALE/ \*SKIN NEOPLASMS, surgery
6040. Sol'skii IaP, Ivaniuta LI: Effektivnost' kompleksnogo  
lechenia vospalitel'nykh zabolevanii zhenskikh  
polovykh organov s ispol'zovaniem proteina. Akush Ginek (Moskva) 45:31-5, Aug 69 (Rus)  
\*ADNEXITIS, drug therapy/  
CHYMOTRYPSIN, therapeutic use/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN
6041. Soltoft J, Jarnum S: Faecal proteolysis of albumin and  
IgG in Crohn's disease and ulcerative colitis. Digestion 2:282-8, 1969  
\*ALBUMINS, metabolism/ COLITIS,  
ULCERATIVE, immunology/ \*COLITIS,  
ULCERATIVE, metabolism/ DIARRHEA,  
metabolism/ ENTERITIS, REGIONAL,  
immunology/ \*ENTERITIS, REGIONAL,  
metabolism/ \*FECEs, analysis/ FECEs, drug  
effects/ \*GAMMA GLOBULIN, 7S, metabolism/  
GASTROINTESTINAL DISEASES/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ PEPTIDE  
HYDROLASES, metabolism/ SERUM  
ALBUMIN, RADIO-IODINATED/ TRYPSIN,  
metabolism/ TRYPSIN INHIBITORS,  
pharmacodynamics
6042. Solum NO: Some characteristics of the clottable  
protein of limulus polyphemus blood cells. Thromb Diath Haemorrh 23:170-81, 28 Feb 70  
ACRYLATES/ AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ \*BLOOD CELLS,  
physiology/ \*BLOOD COAGULATION/ BLOOD  
PROTEIN ELECTROPHORESIS/ BLOOD  
PROTEINS, analysis/ \*CRUSTACEA,  
physiology/ FIBRINOGEN, analysis/  
HEMOLYMPH, analysis/ \*HEMOLYMPH,  
physiology/ SPECTROPHOTOMETRY/  
STARCH/ TISSUE EXTRACTS
6043. Solymoss B, Varga S, Krajny M, et al: Influence of  
spironolactone and other steroids on the enzymatic  
decay and anticoagulant activity of  
bishydroxycoumarin. Thromb Diath Haemorrh 23:562-8, 30 Jun 70  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/  
BISHYDROXYCOUMARIN, blood/  
BISHYDROXYCOUMARIN, metabolism/  
\*BISHYDROXYCOUMARIN, pharmacodynamics/  
DRUG ANTAGONISM/ DRUG SYNERGISM/  
ETHYLESTRENOL, pharmacodynamics/  
FEMALE/ HYPOPROTHROMBINEMIAS,  
chemically induced/ LIVER, analysis/  
PROADIFEN, pharmacodynamics/  
PROGESTERONE, pharmacodynamics/  
PROTHROMBIN, analysis/ RATS/  
\*SPIRONOLACTONE, pharmacodynamics/  
TRIAMCINOLONE, pharmacodynamics
6044. Soma H, Koyanagi K, Sashida T, et al: [Coagulation and  
fibrinolysis observed in the placenta] J Jap Obstet Gynec Soc 22:515-20, May 70 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ CHEMISTRY/ FEMALE/  
FIBRINOGEN, analysis/ \*FIBRINOLYSIS/  
HUMAN/ \*PLACENTA/ PLACENTA, analysis/  
PREGNANCY/ RABBITS/ RATS/  
THROMBOPLASTIN, analysis
6045. Soma H, Sashida T, Oyanagi K: [Demonstration of  
fibrinolytic activity on vaginal smears with special  
reference to cytological observation of cervical  
cancer] Jap J Clin Path 17:935-7, Dec 69 (Jap)  
\*CERVIX NEOPLASMS, pathology/ FEMALE/  
FIBRIN FILM AND FOAM/ \*FIBRINOLYSIS/  
HUMAN/ METHODS/ RATS/ \*VAGINAL  
SMEARS
6046. Soma H, Sashida T, Yoshida M, et al: [Defibrination  
syndrome in obstetrics] Jap J Clin Path 17:843-9, Nov 69 (Jap)  
ABRUPTIO PLACENTAE, etiology/ ANIMAL  
EXPERIMENTS/ BLOOD COAGULATION/  
\*BLOOD COAGULATION DISORDERS/  
FEMALE/ FIBRIN, analysis/ FIBRINOGEN,  
analysis/ FIBRINOLYSIS, analysis/ HUMAN/  
INFANT, NEWBORN, DISEASES/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/ RABBITS
6047. Somer JB, Castaldi PA: Coagulation factor IX in normal  
and haemophilia B plasma. Brit J Haemat 18:147-59, Feb 70  
BLOOD COAGULATION TESTS/ \*CHRISTMAS  
DISEASE, blood/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ ELECTROPHORESIS,  
DISK/ FACTOR VIII, analysis/ \*FACTOR IX,  
analysis/ FACTOR IX, isolation & purification/  
HUMAN
6048. Sommerkamp H: Schock, Azidose und Lipolyse. Bruns Beitr Klin Chir 217:673-7, Dec 69 (Ger)  
ACID-BASE EQUILIBRIUM/ \*ACIDOSIS,  
complications/ \*ANOXIA, complications/  
BLOOD COAGULATION DISORDERS,  
complications/ CATECHOLAMINES, secretion/  
\*EMBOLISM, FAT, etiology/ EMBOLISM, FAT,  
prevention & control/ ENGLISH ABSTRACT/  
FATS, metabolism/ HEPARIN,  
therapeutic use/ HUMAN/ \*HYPERLIPEMIA,  
complications/ \*LIPID MOBILIZATION/  
MICROCIRCULATION, physiopathology/  
PLASMA SUBSTITUTES, therapeutic use/  
SHOCK, drug therapy/ \*SHOCK,  
physiopathology
6049. Sonenshein AL, Roscoe DH: The course of phage phi-  
infection in sporulating cells of Bacillus subtilis strain  
3610. Virology 39:265-75, Oct 69  
\*BACILLUS SUBTILIS, cytology/ BACILLUS  
SUBTILIS, enzymology/ \*BACTERIOPHAGE,  
growth & development/ CARBON ISOTOPES/  
ENZYME INDUCTION/ ARGININE  
REPRESSION/ HEAT/ LEUCINE, metabolism/  
LYSOGENY/ MUTATION/ NITROSO  
COMPOUNDS, pharmacodynamics/ PEPTIDE  
HYDROLASES, metabolism/ SPORES/ VIRAL  
PROTEINS, analysis
6050. Song CW, Tabachnick J, McCarron DJ Jr: A trypsin-like  
protease in guinea pig skin. Experientia 25:1063-4, 15 Oct 69  
ANIMAL EXPERIMENTS/ ARGININE,  
metabolism/ CAPILLARY PERMEABILITY,  
drug effects/ CHYMOTRYPSIN, antagonists &  
inhibitors/ ESTERASES, antagonists &  
inhibitors/ GUINEA PIGS/ KETONES/  
\*PEPTIDE HYDROLASES, metabolism/ \*SKIN  
enzymology/ SULFONAMIDES/ TRYPSIN/  
TRYPSIN INHIBITORS
6051. Sonneborn HH, Zwilling R, Pfeleiderer G: Zur Evolution  
der Endopeptidasen. X. Die Spaltungsspezifität d



## AUTHOR SECTION

niedermolekularen Protease aus *Astacus leptodactylus* Esch.  
Hoppe Seyler Z Physiol Chem 350:1097-102, Sep 69 (Ger)

ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIUM, enzymology/ CORTICOTROPIN/ CRUSTACEA/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ GEL FILTRATION/ INSULIN/ MOLECULAR WEIGHT/ \*PEPTIDE HYDROLASES/ \*PEPTIDES

6052. Sonnen N: The effect of endotoxins on frog blood and survival time at several ambient temperatures.  
Proc Soc Exp Biol Med 134:773-5, Jul 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ \*BLOOD CELLS, drug effects/ BLOOD PLATELETS/ \*ENDOTOXINS, pharmacodynamics/ \*ENDOTOXINS, poisoning/ FEMALE/ FROGS/ INJECTIONS, INTRAPERITONEAL/ LEUKOCYTE COUNT/ MALE/ POISONING, mortality/ \*TEMPERATURE

6053. Sonnet J, Doyen A: Effect of niridazole on erythropoiesis of Congolese treated for schistosomiasis and amoebiasis.  
Ann NY Acad Sci 160:786-98, 6 Oct 69  
ADOLESCENCE/ ADULT/ \*AMEBIASIS, drug therapy/ \*ANTHELMINTICS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS, analysis/ CHILD/ DRUG TOLERANCE/ EOSINOPHILS, analysis/ \*ERYTHROPOIESIS, drug effects/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/ GLUTATHIONE, blood/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMOLYSIS, drug effects/ HUMAN/ \*IMIDAZOLES, therapeutic use/ IRON, blood/ IRON ISOTOPES/ LEUKOCYTE COUNT/ MALE/ RETICULOCYTES, analysis/ \*SCHISTOSOMIASIS, drug therapy/ \*THIAZOLES, therapeutic use

6054. Sonntag HG, Füllhaas J, Müller-Ruchholtz W: Untersuchungen über Intestinalantikörper. I. Antikörper-zerstörende Wirkung von Darmsaft und deren Ausschaltung.  
Z Immunitätsforsch 140:94-104, Jul 70 (Ger)  
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ \*ANTIBODIES/ ANTIGENS/ ENGLISH ABSTRACT/ ILEUM, immunology/ IMMUNE SERUMS/ \*INTESTINAL SECRETIONS, immunology/ JEJUNUM, immunology/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MICE/ PEPTIDE HYDROLASES/ SALMONELLA TYPHIMURIUM

6055. Soong BC, Miller SP: Coagulation disorders in cancer. 3. Fibrinolysis and inhibitors. Cancer 25:867-74, Apr 70  
\*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/ HUMAN/ \*NEOPLASMS, complications

6056. Soppitt GD, Mitchell JR: The effect of colchicine on human platelet behaviour.  
J Atheroscler Res 10:247-52, Sep-Oct 69  
ADENINE NUCLEOTIDES, antagonists & inhibitors/ \*BLOOD PLATELETS, drug effects/ \*COLCHICINE, pharmacodynamics/ COLLAGEN, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ HUMAN/ NOREPINEPHRINE, antagonists & inhibitors/ PLATELET ADHESIVENESS, drug effects

6057. Sorensen SF, Kissmeyer-Nielsen F: Studies on the quantitation of the lymphocyte response in vitro. A family study.  
Acta Path Microbiol Scand 77:117-33, 1969  
ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BLOOD PLATELETS, analysis/ CHROMOSOMES, analysis/ GENETICS, HUMAN/ GENOTYPE/ \*HISTOCOMPATIBILITY/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IN VITRO/ LEUKOCYTES, analysis/

LYMPHOCYTE TRANSFORMATION/  
\*LYMPHOCYTES, immunology/ STATISTICS/ THYMIDINE, metabolism/ TIME FACTORS/ TISSUE CULTURE/ TRANSPLANTATION/ TRITIUM

6058. Sorimachi M, Kataoka K, Inouye A, et al: Release in vitro of 5-hydroxytryptamine from spindle cells of the domestic fowl. Europ J Pharmacol 10:243-8, May 70  
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, analysis/ CHICKENS/ CHLORPROMAZINE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ EDTA, pharmacodynamics/ POTASSIUM, pharmacodynamics/ \*SEROTONIN, metabolism/ TIME FACTORS/ TRYPTAMINES, pharmacodynamics/ TYRAMINE, pharmacodynamics

6059. Sosa Gallardo C, Ferraris A, Smith H, et al: Pathogénie et traitement de la cholécystite algue. Etude clinique et expérimentale. Lyon Chir 66:45-8, Jan-Feb 70 (Fre)  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ \*CHOLECYSTITIS/ CHOLECYSTITIS, diagnosis/ CHOLECYSTITIS, drug therapy/ DOGS/ JAUNDICE, etiology/ JAUNDICE, occurrence/ JAUNDICE, physiopathology/ KALLIKREIN-TRYPSIN INACTIVATOR/ LIVER, pathology/ PANCREAS, enzymology/ RATS

6060. Sośnierz M, Czyżewski K Jr: Patomorfotyczny stan serca w doświadczalnych urazach klatki piersiowej u psów. Pat Pol 20:219-26, Apr-Jun 69 (Pol)  
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ \*HEART DISEASES, etiology/ HEART DISEASES, pathology/ \*HEMATOMA, etiology/ MALE/ \*MYOCARDIUM, pathology/ \*PERICARDIUM, pathology/ \*THORACIC INJURIES, complications

6061. Soulier J, Couroucé-Pauty AM, Benamon-Djiane D, et al: Etude immunologique des hépatites à virus. Recherche de l'antigène Australien et de l'anticorps correspondant. Premiers résultats.  
Rev Franc Transfus 12:361-82, Sep 69 (Fre)  
\*ANTIBODIES/ BLOOD TRANSFUSION/ CAPRYLATES, pharmacodynamics/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ HEMOPHILIA, immunology/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ \*HEPATITIS, INFECTIOUS, immunology/ \*HEPATITIS VIRUS, HOMOLOGOUS SERUM, immunology/ HODGKIN'S DISEASE, immunology/ HUMAN/ LEUKEMIA, MYELOBLASTIC, immunology/ PRECIPITINS

6062. Soulier JP: Antigène et anticorps des hépatites à virus. L'antigène Australien.  
Rev Franc Transfus 12:303-17, Sep 69 (30 ref.) (Fre)  
AMINOTRANSFERASES, analysis/ \*ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ \*ANTIGENS/ APES/ BLOOD TRANSFUSION, adverse effects/ COMPLEMENT FIXATION TESTS/ FLUORESCENT ANTIBODY TECHNIC/ HEMOPHILIA, immunology/ \*HEPATITIS, HOMOLOGOUS SERUM, immunology/ \*HEPATITIS VIRUS, HOMOLOGOUS SERUM/ HEPATITIS VIRUS, HOMOLOGOUS SERUM, immunology/ HUMAN/ LEUKEMIA, immunology/ LIVER, immunology/ MONGOLISM, immunology/ PRECIPITINS/ REVIEW/ THALASSEMIA, immunology/ TROPICAL CLIMATE

6063. Soulier JP, Couroucé-Pauty AM, Benamon-Djiane D: Recherche de l'antigène Australien et de l'anticorps correspondant. Presse Med 78:487-90, 28 Feb 70 (Fre)  
ADOLESCENCE/ ADULT/ \*ANTIBODIES, isolation & purification/ ANTIGENS, isolation & purification/ BLOOD DONORS/ \*BLOOD TRANSFUSION, adverse effects/ CHILD/ DIALYSIS/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ HEMATOLOGIC DISEASES, immunology/ HEMOPHILIA,



# AUTHOR SECTION

- immunology/ HEPATITIS ASSOCIATED ANTIGEN, isolation & purification/ \*HEPATITIS, HOMOLOGOUS SERUM, immunology/ \*HEPATITIS VIRUS, HOMOLOGOUS SERUM, immunology/ HUMAN/ MALE/ STATISTICS
6064. Soulier JP, Prou O, Hallé L: Further studies on thrombin-coagulase. *Thromb Diath Haemorrh* 23:37-49, 28 Feb 70  
ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ CHICKENS/ CHROMATOGRAPHY/ \*COAGULASE, analysis/ DOGS/ GUINEA PIGS/ HORSES/ HUMAN/ IN VITRO/ KINETICS/ MICE/ MONKEYS/ RABBITS/ RATS/ SHEEP/ \*THROMBIN, analysis
6065. Soulier JP, Prou-Wartelle O: Dosage de l'activité "prothrombine-coagulase". *Nouv Rev Franc Hemat* 10:41-54, Jan-Feb 70 (Fre)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CATTLE/ COAGULASE, administration & dosage/ \*COAGULASE, analysis/ COAGULASE, diagnostic use/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, diagnostic use/ GUINEA PIGS/ HUMAN/ METHODS/ MICE/ MONKEYS/ PLASMA, analysis/ PROTHROMBIN, administration & dosage/ \*PROTHROMBIN, analysis/ PROTHROMBIN TIME/ RABBITS/ RATS/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, diagnostic use
6066. Sourrell MP, Beylot C: Quelques problèmes de dermatologie infantile. *Bordeaux Med* 3:1603-20, Jun 70 (Fre)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DERMATITIS, ATOPIC/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ PRURIGO/ PSORIASIS/ SEBORRHEA/ \*SKIN DISEASES
6067. Spaet TH, Lejnieks I: A technique for estimation of platelet-collagen adhesion. *Proc Soc Exp Biol Med* 132:1038-41, Dec 69  
ADHESIVENESS/ ASPIRIN/ BLOOD COAGULATION/ \*BLOOD PLATELETS/ \*COLLAGEN/ CONNECTIVE TISSUE/ EDTA/ HUMAN/ METHODS/ SPECTRUM ANALYSIS/ \*SURFACE PROPERTIES
6068. Spampinato N: Valutazione dell'attività fibrinolitica ematica in pazienti trattati con complesso mucopolisaccaridico estrattivo. *Minerva Med* 60:Suppl 99:5068+, 12 Dec 69 (Ita)  
ADULT/ AGED/ \*BLOOD COAGULATION, drug effects/ DIABETIC ANGIOPATHIES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ GANGRENE, drug therapy/ \*HEPARINOID, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, drug therapy/ VARICOSE VEINS, drug therapy/ \*VASCULAR DISEASES, drug therapy
6069. Spande TF, Witkop B, Degani Y, et al: Selective cleavage and modification of peptides and proteins. *Advances Protein Chem* 24:97-260, 1970 (517 ref.)  
ALANINE/ ASPARTIC ACID/ CHEMISTRY/ CHYMOTRYPSIN/ CYSTEINE/ CYSTEINE, chem synthesis/ GLUTAMATES/ GLYCINE/ HYDROGEN-ION CONCENTRATION/ METHIONINE/ MURAMIDASE/ OXIDATION-REDUCTION/ \*PEPTIDES/ PHENYLALANINE/ PROLINE/ \*PROTEINS/ PYRROLIDINES/ REVIEW/ RIBONUCLEASE/ SERINE/ SUCCINATES/ THREONINE/ TRYPTOPHAN
6070. Spánková H, Mlejnková M, Ryšánek K, et al: The action of hydralazine hypotensive drugs upon adrenalin and ADP induced platelet aggregation. *Activ Nerv Sup (Praba)* 12:79-80, 12 Jan 70  
ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ DRUG ANTAGONISM/ EPINEPHRINE, pharmacodynamics/ HUMAN/ \*HYDRALAZINE, pharmacodynamics/ IN VITRO
6071. Spar IL, Perry JM, Benz LJ, et al: Detection of left atrial thrombi. Scintillation scanning after administration of 131-I rabbit antibodies to human fibrinogen. *Amer Heart J* 78:731-9, Dec 69  
\*ANTIBODIES/ \*CORONARY DISEASE, diagnosis/ CORONARY DISEASE, pathology/ CORONARY DISEASE, surgery/ FIBRINOGEN/ HEART ATRIUM, surgery/ HEART CATHETERIZATION/ HUMAN/ MITRAL VALVE, surgery/ \*RADIOISOTOPE SCANNING
6072. Spar IL, Perry JM, Benz LJ, et al: Detection of left atrial thrombi. Scintillation scanning after administration of 131-I rabbit antibodies to human fibrinogen. *Amer Heart J* 78:731-9, Dec 69  
\*ANTIBODIES/ \*CORONARY DISEASE, diagnosis/ CORONARY DISEASE, pathology/ \*FIBRINOGEN/ HEART ATRIUM/ HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES, DIAGNOSTIC/ RABBITS/ RADIOAUTOGRAPHY/ \*RADIOISOTOPE SCANNING
6073. Spear GS, Whitworth JM, Konigsmark BW: Hereditary nephritis with nerve deafness. Immunofluorescent studies on the kidney, with a consideration of discordant immunoglobulin-complement immunofluorescent reactions. *Amer J Med* 49:52-63, Jul 70  
ADOLESCENCE/ ADULT/ ALPORT'S SYNDROME, complications/ ALPORT'S SYNDROME, diagnosis/ ALPORT'S SYNDROME, familial & genetic/ \*ALPORT'S SYNDROME, immunology/ ANTI-ANTIBODIES, analysis/ AUDIOMETRY/ AUDITORY PERCEPTION/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ COMPLEMENT, analysis/ CREATININE, urine/ FEMALE/ FIBRINOGEN/ \*FLUORESCENT ANTIBODY TECHNIC/ \*GAMMA GLOBULIN, 7S, analysis/ GEL DIFFUSION TESTS/ GLOMERULONEPHRITIS, diagnosis/ HEMATURIA, etiology/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ \*KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ MALE/ PEDIGREE/ PRECIPITIN TESTS/ SERUM ALBUMIN
6074. Specchia G, Fratino P, Petroboni V, et al: Controllo delle interazioni insulina-chimotripsina mediante il metodo radioimmunologico. *Boll Soc Ital Biol Sper* 46:109-11, 15 Feb 70 (Ita)  
\*ANTIBODIES, analysis/ \*ANTIGEN-ANTIBODY REACTIONS/ \*CHYMOTRYPSIN/ HUMAN/ IN VITRO/ \*INSULIN/ \*INSULIN ANTIBODIES, analysis
6075. Specchia G, Petroboni V, Fratino P, et al: Induzione di anticorpi antichimotripsina: loro identificazione e interferenza con l'attività tripsinica. *Boll Soc Ital Biol Sper* 46:111-4, 15 Feb 70 (Ita)  
ANIMAL EXPERIMENTS/ \*ANTIBODIES/ \*ANTIBODY FORMATION/ \*CHYMOTRYPSIN/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ INSULIN, pharmacodynamics/ RABBITS
6076. Speck WT: Vitamin K deficiency after the newborn period. *Pediatrics* 45:718, Apr 70  
HUMAN/ INFANT/ INFANT, NEWBORN/ \*VITAMIN K DEFICIENCY
6077. Spector AA, Hoak JC, Warner ED, et al: Utilization of long-chain free fatty acids by human platelets. *J Clin Invest* 49:1489-96, Aug 70  
\*BLOOD PLATELETS, metabolism/ \*FATTY ACIDS, NONESTERIFIED, blood/ LECITHINS, blood/ LINOLEIC ACID, blood/ OLEIC ACID, blood/ PALMITIC ACID, blood/ PROTEIN BINDING/ SERUM ALBUMIN/ STEARIC ACID, blood
6078. Spellberg MA: Treatment of neoplasms of the liver. *Amer J Gastroent* 52:326-33, Oct 69 (72 ref.)  
ADENOMA, therapy/ ADOLESCENCE/ ADULT/ ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHOLANGIOMA, prevention & control/



# AUTHOR SECTION

- \*CHOLANGIOMA, therapy/ CYSTS, therapy/  
FEMALE/ HEMANGIOMA, therapy/  
HEPATECTOMY/ HEPATOMA, drug therapy/  
HEPATOMA, prevention & control/  
HEPATOMA, surgery/ \*HEPATOMA, therapy/  
HUMAN/ HYPOGLYCEMIA, complications/  
INFANT/ LIVER DISEASES, therapy/ LIVER  
NEOPLASMS, prevention & control/ \*LIVER  
NEOPLASMS, therapy/ MALE/ MIDDLE AGE/  
POLYCYTHEMIA, complications/ PROGNOSIS/  
REVIEW
6079. Spencer FC, Reed GE, Clauss RH, et al: Cloth-covered  
aortic and mitral valve prostheses. Experiences with  
113 patients.  
J Thorac Cardiovasc Surg 59:92-108, Jan 70  
ADOLESCENCE/ ADULT/ AGED/ ANEMIA,  
etiology/ ANTICOAGULANTS, therapeutic use/  
\*AORTIC VALVE/ CHILD/ EMBOLISM, AIR,  
etiology/ FOLLOW-UP STUDIES/ HEART  
DISEASES, complications/ \*HEART VALVE  
PROSTHESIS/ HEART VALVE PROSTHESIS,  
mortality/ HUMAN/ MIDDLE AGE/ \*MITRAL  
VALVE/ MYOCARDIAL INFARCT, etiology/  
POSTOPERATIVE CARE/ POSTOPERATIVE  
COMPLICATIONS/ THROMBOEMBOLISM,  
etiology/ THROMBOEMBOLISM, mortality/  
TRICUSPID VALVE
6080. Spencer RF, Behar L: Adaptation in hemophilic  
adolescents. Psychosomatics 10:304-9, Sep-Oct 69  
\*ADAPTATION, PSYCHOLOGICAL/  
ADOLESCENCE/ AGE FACTORS/  
\*HEMOPHILIA, familial & genetic/ HUMAN/  
MALE/ PHYSICIAN-PATIENT RELATIONS/  
PSYCHOTHERAPY/ ROLE/ SEX FACTORS
6081. Sperati G: Risultati della terapia con sostanze  
eparinoidi estrattive sulla arteriosclerosi  
nell'orecchio interno.  
Minerva Otorinolaring 19:281-4, Sep-Oct 69 (Ita)  
AGED/ \*ARTERIOSCLEROSIS, drug therapy/  
ENGLISH ABSTRACT/ \*HEPARINOID,  
therapeutic use/ HUMAN/ \*LABYRINTH  
DISEASES, drug therapy/ MALE/ MIDDLE  
AGE
6082. Spicer SS, Greene WB, Hardin JH: Ultrastructural  
localization of acid mucosubstance and  
antimonate-precipitable cation in human and rabbit  
platelets and megakaryocytes.  
J Histochem Cytochem 17:781-92, Dec 69  
ALDEHYDES/ ANIMAL EXPERIMENTS/  
ANTIMONY/ \*BLOOD PLATELETS, analysis/  
CYTOPLASMIC GRANULES/  
FORMALDEHYDE/ HUMAN/ IONS/ IRON/  
\*MEGAKARYOCYTES, analysis/ MICROSCOPY,  
ELECTRON/ \*MUCOPOLYSACCHARIDES,  
analysis/ OSMIUM/ PRECIPITATION/  
RABBITS/ SEROTONIN/ STAINS AND  
STAINING
6083. Spiegelberg HL, Prah J, Grey HM: Structural studies  
of human gamma D myeloma protein.  
Biochemistry (Wash) 9:2115-22, 12 May 70  
AMINO ACIDS, analysis/ AUTOANALYSIS/  
CARBOHYDRATES, analysis/ CHEMISTRY/  
CYANIDES/ ELECTROPHORESIS/  
FIBRINOLYSIS/ \*GAMMA GLOBULIN, 7S/  
GAMMA GLOBULIN, 7S, analysis/  
GLUCOSAMINE, analysis/ GLYCOPROTEINS,  
analysis/ HEXOSAMINES, analysis/ HUMAN/  
IMMUNOGLOBULINS/ IODINE/ IODINE  
ISOTOPES/ METHODS/ MODELS,  
STRUCTURAL/ MOLECULAR WEIGHT/  
MULTIPLE MYELOMA, blood/ \*MULTIPLE  
MYELOMA, immunology/ NEURAMINIDASE/  
OXIDATION-REDUCTION/ PAPAIN/  
\*PEPTIDES/ PEPTIDES, analysis/ PEPTIDES,  
isolation & purification/ TRYPSIN/  
ULTRACENTRIFUGATION
6084. Spier HW: Auto-Immun- und  
Auto-Aggressionskrankheiten.  
Arch Klin Exp Derm 237:18-26, 1970 (Ger)  
ANTIGENS/ AUTOANTIBODIES/  
\*AUTOIMMUNE DISEASES, immunology/  
BLOOD PLATELETS, immunology/  
CYTOPLASM, immunology/ ECZEMA,  
immunology/ HUMAN/ LEUKOCYTES,  
immunology/ LUPUS ERYTHEMATOSUS,  
SYSTEMIC, immunology/ NEURODERMATITIS,  
immunology/ PEMPHIGUS, immunology/  
SCLERODERMA, immunology/ \*SKIN  
DISEASES, immunology
6085. Spik G, Montreuil J: Etudes sur les glycoprotéines. 38.  
Démonstration de la nature  
N-(beta-aspartyl)-N-acetylglucosaminylamine de la  
liaison glucides-protéine dans la transferrine  
humaine.  
Bull Soc Chim Biol (Paris) 51:1271-85, 18 Dec 69 (Fre)  
CHEMISTRY/ DIPEPTIDES/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
GLUCOSAMINE, analysis/ HUMAN/  
MOLECULAR WEIGHT/ PAPER/ PEPTIDE  
HYDROLASES/ \*TRANSFERRIN/  
ULTRACENTRIFUGATION
6086. Spilberg I, Osterland CK: Anti-inflammatory effect of  
the trypsin-kallikrein inhibitor in acute arthritis  
induced by urate crystals in rabbits.  
J Lab Clin Med 76:472-9, Sep 70  
ANIMAL EXPERIMENTS/  
\*ANTI-INFLAMMATORY AGENTS,  
pharmacodynamics/ \*ARTHRITIS, chemically  
induced/ ARTHRITIS, prevention & control/  
COMPLEMENT, analysis/  
CRYSTALLOGRAPHY/ ERYTHEMA, chemically  
induced/ ERYTHEMA, prevention & control/  
INJECTIONS, INTRA-ARTICULAR/  
INJECTIONS, INTRADERMAL/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ LEUKOCYTES, drug  
effects/ LEUKOCYTES, enzymology/ MALE/  
PEPTIDE HYDROLASES, blood/ RABBITS/  
SODIUM/ \*SYNOVITIS, chemically induced/  
SYNOVITIS, prevention & control/ \*URIC  
ACID
6087. Spinelli P, Ciuffi M: Separazione e dosaggio del  
fitomenadione e del tocoferolo acetato idrodispersi in  
una preparazione farmaceutica.  
Boll Chimicofarm 108:549-53, Sep 69 (Ita)  
CHEMISTRY, PHARMACEUTICAL/ ENGLISH  
ABSTRACT/ \*PHYTONADIONE, analysis/  
PHYTONADIONE, isolation & purification/  
\*VITAMIN E, analysis/ VITAMIN E, isolation  
& purification
6088. Spittler L, Fudenberg HH: Multiple antibody response  
following busulfan therapy. Vox Sang 18:450-8, May 70  
ADULT/ ANTI-ANTIBODIES/ ANTIBODIES/  
\*ANTIBODY FORMATION, drug effects/  
ANTIGENS/ BENICE JONES PROTEIN/  
BLOOD PLATELETS, immunology/ BLOOD  
TRANSFUSION/ BONE MARROW, drug  
effects/ BONE MARROW EXAMINATION/  
\*BUSULFAN, adverse effects/ COLD/  
COMPLEMENT FIXATION TESTS/ COOMBS'  
TEST/ ERYTHROCYTES, immunology/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN/ HEMAGGLUTINATION  
TESTS/ HUMAN/ \*LEUKEMIA, MYELOCYTIC,  
drug therapy/ LEUKOCYTE COUNT/  
LEUKOCYTES, immunology/ MALE
6089. Spivak JL, Lindo S, Coleman M: Weber-Christian  
disease complicated by consumption coagulopathy  
and microangiopathic hemolytic anemia.  
Johns Hopkins Med J 126:344-9, Jun 70  
ADIPOSE TISSUE, pathology/ \*ANEMIA,  
HEMOLYTIC, complications/ BIOPSY/ \*BLOOD  
COAGULATION DISORDERS, complications/  
EDEMA, etiology/ ERYTHROCYTE  
AGGREGATION, INTRAVASCULAR, etiology/  
FEMALE/ HUMAN/ LYMPHOCYTES,  
pathology/ MIDDLE AGE/ NECROSIS/  
\*PANNICULITIS, NODULAR  
NONSUPPURATIVE, complications/ SKIN  
DISEASES, etiology
6090. Spivak JL, Ferry S: Lymphocyte kinetics in chronic  
lymphocytic leukaemia.  
Brit J Haemat 18:511-22, May 70  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
PLATELETS, physiopathology/ CHROMIUM  
ISOTOPES/ FEMALE/ HUMAN/ KINETICS/  
\*LEUKEMIA, LYMPHOCYTIC, physiopathology/  
LEUKOCYTE COUNT/ LEUKOCYTES,



# AUTHOR SECTION

- physiopathology/ \*LYMPHOCYTES,  
physiopathology/ MALE/ MIDDLE AGE/  
RADIOISOTOPE SCANNING/ SPLEEN,  
physiopathology/ SPLENOMEGALY/ TIME  
FACTORS
6091. Spradlin J, Thoma JA: Beta-amylase thiol groups.  
Possible regulator sites.  
J Biol Chem 245:117-27, 10 Jan 70  
\*AMYLASE/ AMYLASE, antagonists &  
inhibitors/ BENZOATES/ BINDING SITES/  
CHEMISTRY/ ETHYLMALIMIDE/ HEAT/  
IODOACETATES/ KINETICS/ MOLECULAR  
WEIGHT/ OPTICAL ROTATORY  
DISPERSION/ PEPTIDE HYDROLASES/  
PROTEIN DENATURATION/  
SPECTROPHOTOMETRY/ \*SULFHYDRYL  
COMPOUNDS/ SULFIDES/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS
6092. Spragg J, Haber E, Austen KF: The preparation of  
human kininogen and the elicitation of antibody for  
use in a radial immuno-diffusion assay.  
J Immun 104:1348-54, Jun 70  
\*ANTIBODY FORMATION/  
ANTIGEN-ANTIBODY REACTIONS/  
BRADYKININ/ CHROMATOGRAPHY, ION  
EXCHANGE/ ELECTROPHORESIS/ \*GEL  
DIFFUSION TESTS/ GEL FILTRATION/  
HUMAN/ IODINE ISOTOPES/ KALLIKREIN,  
blood/ KALLIKREIN, pharmacodynamics/  
KALLIKREIN, urine/ \*KININS/ MOLECULAR  
WEIGHT/ RADIOIMMUNOASSAY/ TRYPSIN,  
pharmacodynamics/ TYROSINE
6093. Spranger JW: Biochemical definition of the  
mucopolysaccharidoses. Z Kinderheilk 108:17-31, 1970  
ADOLESCENCE/ \*CARBOHYDRATE  
METABOLISM, INBORN ERRORS, urine/  
CHILD/ CHILD, PRESCHOOL/ CHONDROITIN,  
urine/ CHROMATOGRAPHY/ CORNEAL  
OPACITY, urine/ DIAGNOSIS,  
DIFFERENTIAL/ ECCENTRO-  
OSTEOCHONDRODYSPLASIA, urine/  
FEMALE/ HEPARIN, urine/ HUMAN/  
HYALURONIC ACID, urine/ INFANT/  
LIPOCHONDRODYSTROPHY, urine/ MALE/  
MENTAL RETARDATION, urine/  
\*MUCOPOLYSACCHARIDES, urine/ RETINITIS  
PIGMENTOSA, urine
6094. Srinivasan S, Sawyer PN: Role of surface charge of the  
blood vessel wall, blood cells, and prosthetic materials  
in intravascular thrombosis.  
J Colloid Interface Sci 32:456-63, Mar 70  
ANIMAL EXPERIMENTS/ AORTA/  
ARTERIOSCLEROSIS, physiopathology/  
\*BLOOD CELLS, physiopathology/ BLOOD  
COAGULATION FACTORS/ BLOOD VESSEL  
PROSTHESIS/ \*BLOOD VESSELS,  
physiopathology/ CORONARY DISEASE,  
diagnosis/ CORONARY VESSELS,  
physiopathology/ DOGS/  
ELECTROCHEMISTRY/ ELECTRODIAGNOSIS/  
HUMAN/ POTENTIOMETRY/ \*SURFACE  
PROPERTIES/ \*THROMBOSIS,  
physiopathology/ VENAE CAVAE
6095. Srinivasan SR, Radhakrishnamurthy B, Dalferes ER Jr,  
et al: Determination of sulfate in glycosaminoglycans  
by gas-liquid chromatography.  
Anal Biochem 35:398-404, Jun 70  
CHONDROITIN, analysis/  
\*CHROMATOGRAPHY, GAS/ HEPARIN,  
analysis/ HYALURONIC ACID, analysis/  
METHODS/ \*MUCOPOLYSACCHARIDES,  
analysis/ \*SULFURIC ACIDS, analysis
6096. Srivastava AK: Average variation of the blood  
components of four fish.  
Folia Haemat (Leipzig) 93:69-73, 1970  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD COAGULATION TESTS/  
BLOOD PLATELETS/ ERYTHROCYTE  
COUNT/ \*FISHES, physiology/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/  
RETICULOCYTES
6097. Stachurska J, Latallo Z, Kopeć M: Inhibition of platelet  
aggregation by dialysable fibrinogen degradation  
products (FDP).  
Thromb Diath Haemorrh 23:91-8, 28 Feb 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
\*BLOOD PLATELETS, drug effects/ BLOOD  
PROTEINS, analysis/ CHROMATOGRAPHY/  
EPINEPHRINE, pharmacodynamics/  
\*FIBRINOGEN, metabolism/ FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS/ HUMAN/  
MOLECULAR WEIGHT/ NOREPINEPHRINE,  
pharmacodynamics/ PLATELET  
ADHESIVENESS, drug effects/  
SPECTROPHOTOMETRY/ THROMBIN,  
pharmacodynamics
6098. Stäcker AD, Strelcher HJ: Dünndarmileus durch  
Marcumarbehandlung.  
Bruns Beitr Klin Chir 218:39-43, Feb 70 (Ger)  
AGED/ \*ANTICOAGULANTS, adverse effects/  
CONTRAST MEDIA/ DIAGNOSIS,  
DIFFERENTIAL/ ENEMA/ ENGLISH  
ABSTRACT/ HEMORRHAGE,  
GASTROINTESTINAL, chemically induced/  
HEMORRHAGE, GASTROINTESTINAL,  
complications/ HUMAN/ \*INTESTINAL  
OBSTRUCTION, chemically induced/  
INTESTINAL OBSTRUCTION, radiography/  
INTESTINE, SMALL/ MALE/ MIDDLE AGE
6099. Stafford ES, Zuidema GD, Cameron JL: Unusual causes  
of occult bleeding from the gastrointestinal tract.  
Amer J Surg 119:208-12, Feb 70  
ADOLESCENCE/ ADULT/ AGED/ \*ANEMIA,  
etiology/ ASPIRIN, adverse effects/ CHILD/  
DIAGNOSIS, DIFFERENTIAL/ ESOPHAGITIS,  
PEPTIC, complications/ FEMALE/  
HEMANGIOMA, complications/ HEMORRHAGE,  
GASTROINTESTINAL, diagnosis/  
\*HEMORRHAGE, GASTROINTESTINAL,  
etiology/ HERNIA, surgery/ HUMAN/ ILEUM/  
INTESTINAL NEOPLASMS, complications/  
INTESTINAL OBSTRUCTION, complications/  
MALE/ MECKEL'S DIVERTICULUM,  
complications/ MIDDLE AGE/ \*OCCULT  
BLOOD/ POSTOPERATIVE COMPLICATIONS/  
ULCER
6100. Stallone RJ, Herbst H, Blaisdell FW, et al: Pulmonary  
changes following ischemia of the lower extremities  
and their treatment.  
Amer Rev Resp Dis 100:813-23, Dec 69  
ANIMAL EXPERIMENTS/ AORTA,  
ABDOMINAL, physiology/ BLOOD PRESSURE/  
CARBON DIOXIDE, blood/ DOGS/  
HEMODYNAMICS/ HEPARIN,  
pharmacodynamics/ \*HINDLIMB, blood supply/  
HYDROGEN-ION CONCENTRATION/  
\*ISCHEMIA, complications/ LACTATES, blood/  
\*LUNG, pathology/ MYOCARDIUM, pathology/  
OXYGEN, blood/ \*REGIONAL BLOOD FLOW/  
RESPIRATION
6101. Stamler J: Prevention of atherosclerotic coronary  
heart disease by change of diet and mode of life.  
Ther Umsch 27:133-44, Mar 70  
ADULT/ CORONARY DISEASE, etiology/  
\*CORONARY DISEASE, prevention & control/  
DIET/ DIET, ATHEROGENIC/ HUMAN/  
HYPERCHOLESTEREMIA, complications/  
HYPERTENSION, complications/ MALE/  
MIDDLE AGE/ MOVEMENT/ OBESITY,  
complications/ SMOKING, complications/  
UNITED STATES
6102. Stamm H, Szirmai E, Henderson J:  
Thrombelastographische, radiobiologische  
Untersuchungen mit dem Blut von an  
Genitalkarzinom leidenden Patientinnen nach Zugabe  
von bestrahlter Streptokinase-Streptodornase.  
Acta Med Jugosl 23:42-9, 1969 (Ger)  
\*BLOOD COAGULATION, drug effects/  
FEMALE/ \*FIBRINOLYSIS, drug effects/  
\*GYNECOLOGIC NEOPLASMS, blood/  
HUMAN/ \*STREPTODORNASE AND  
STREPTOKINASE, pharmacodynamics/  
STREPTODORNASE AND STREPTOKINASE,  
radiation effects/ \*THROMBELASTOGRAPHY
6103. Stamm H, Szirmai E, Celander DR:  
Thrombelastographische Untersuchungen mit dem



# AUTHOR SECTION

- Blut Krebskranker nach der Gabe von bestrahlen und  
nich bestrahlen  
Blutgerinnungsfaktoren(Strahlenhämatologische,  
radiobiologische Untersuchungen mit AHG, EACA,  
Protaminsulfat, ACC-76 und K1-vitamin und  
Thrombin) Agressologie 10:65-71, Jan-Feb 69 (Ger)  
AMINOCAPROIC ACID, pharmacodynamics/  
\*BLOOD COAGULATION FACTORS, radiation  
effects/ ENGLISH ABSTRACT/ FACTOR VIII,  
pharmacodynamics/ FEMALE/ \*GYNECOLOGIC  
NEOPLASMS, blood/ HUMAN/ METHODS/  
\*RADIATION EFFECTS/  
\*THROMBELASTOGRAPHY/ THROMBIN,  
pharmacodynamics/ VITAMIN K,  
pharmacodynamics
6104. Staneloni R, Piras R: Changes in glycogen synthetase  
and phosphorylase during muscular contraction.  
Biochem Biophys Res Commun 36:1032-8, 10 Sep 69  
ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
DEPRESSION, CHEMICAL/ ELECTRIC  
STIMULATION/ ENZYME ACTIVATION/  
\*GLUCOSYLTRANSFERASES, metabolism/  
GLYCOGEN, metabolism/ HEAT/  
HEXOSEPHOSPHATES/ MALE/ \*MUSCLE  
CONTRACTION/ MUSCLES, drug effects/  
MUSCLES, physiology/ RATS/ SCIATIC  
NERVE, physiology/ SPASM, enzymology/  
STIMULATION, CHEMICAL/ TIME FACTORS/  
TRYPSIN, pharmacodynamics
6105. Stănescu V, Bona C, Ionescu V: Histochemical and  
histo-enzymological investigations of growing cartilage  
in pseudohypoparathyroidism.  
Acta Endocr (Kobenhavn) 60:433-45, Mar 69  
ACID PHOSPHATASE, analysis/  
ACYLTRANSFERASES, analysis/ ADENOSINE  
TRIPHOSPHATASE, analysis/ ALKALINE  
PHOSPHATASE, analysis/ BIOPSY/  
CARTILAGE, analysis/ \*CARTILAGE,  
enzymology/ CASE REPORT/ CHILD/ CHILD  
DEVELOPMENT/ CYSTEINE/ ESTERASES,  
analysis/ FEMALE/ GLUCOSEPHOSPHATASE,  
analysis/ GLUCURONIDASE, analysis/  
GLUTAMATE DEHYDROGENASE, analysis/  
GLUTAMATES/ GLYCOSIDES/  
HISTOCYTOCHEMISTRY/ HUMAN/  
HYALURONIDASE/ ISOCITRATE  
DEHYDROGENASE, analysis/ LACTATE  
DEHYDROGENASE, analysis/ LEUCINE  
AMINOPEPTIDASE, analysis/ LYASES,  
analysis/ NEURAMINIDASE/  
NUCLEOTIDASES, analysis/ OSTEOBLASTS,  
analysis/ \*PSEUDOHYPOPARATHYROIDISM,  
enzymology/ SUCCINATE DEHYDROGENASE,  
analysis/ TIBIA, growth & development/  
TRYPSIN
6106. Stanley ER, Metcalf D: Partial purification and some  
properties of the factor in normal and leukaemic  
human urine stimulating mouse bone marrow colony  
growth in vitro.  
Aust J Exp Biol Med Sci 47:467-83, Aug 69  
ALCOHOL, ETHYL/ AMMONIUM  
COMPOUNDS/ ANIMAL EXPERIMENTS/  
\*BONE MARROW CELLS, growth &  
development/ CENTRIFUGATION, DENSITY  
GRADIENT/ CHROMATOGRAPHY/  
DEOXYRIBONUCLEASE, pharmacodynamics/  
ELECTROPHORESIS/ ETHYL ETHER,  
pharmacodynamics/ GLYCOPROTEINS, isolation  
& purification/ HEAT/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ IN  
VITRO/ \*LEUKEMIA, urine/ METHODS/  
MICE/ PEPTIDE HYDROLASES,  
pharmacodynamics/ PERIODIC ACIDS,  
pharmacodynamics/ PRECIPITATION/  
\*PROTEINURIA/ RIBONUCLEASE,  
pharmacodynamics/ SOLVENTS/ SULFATES/  
\*URINE, analysis
6107. Stanulović D, Popović K, Lučić A: Hemoragisjski  
sindrom uslovljen urođenim nedostatkom XIII  
faktora koagulacije uz prikaz drugog slučaja  
otkrivenog u Jugoslaviji.  
Med Pregl 22:243-7, 1969 (Ser)  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, therapy/ BLOOD TRANSFUSION/  
ENGLISH ABSTRACT/ \*FACTOR XIII,  
analysis/ \*HEMORRHAGIC DIATHESIS,  
therapy/ HUMAN/ MALE
6108. Staple PH: Staining of tissue polycations by anionic  
dyes in salt solutions with special reference to  
gingiva. J Histochem Cytochem 18:424-38, Jun 70  
ACETIC ACIDS/ ANIMAL EXPERIMENTS/  
\*AZO COMPOUNDS/ BINDING SITES/  
CAROTID ARTERIES, anatomy & histology/  
CERVICAL VERTEBRAE,  
anatomy & histology/ CHOLINE/ \*GINGIVA,  
analysis/ HEPARIN/ HISTOCYTOCHEMISTRY/  
HUMAN/ HYALURONIC ACID/  
HYDROGEN-ION CONCENTRATION/  
\*KERATIN, analysis/ LARYNGEAL  
CARTILAGES, anatomy & histology/ MICE/  
MUCOPOLYSACCHARIDES/ OSMOLAR  
CONCENTRATION/ POTASSIUM CHLORIDE/  
RATS/ \*ROSANILINE DYES/ SKIN, anatomy  
& histology/ \*STAINS AND STAINING/  
TRIAZINES
6109. Starr MS: Inability of dextran to release kinin in rats.  
J Pharm Pharmacol 22:139-40, Feb 70  
ANIMAL EXPERIMENTS/ BENZOPYRANS,  
antagonists & inhibitors/ BENZOPYRANS,  
pharmacodynamics/ BLOOD PRESSURE, drug  
effects/ \*DEXTRAN, pharmacodynamics/  
KALLIKREIN, blood/ \*KININS, blood/ MALE/  
RATS/ TACHYPHYLAXIS/ TRYPSIN  
INHIBITORS, pharmacodynamics
6110. Starr MS, West GB: Further evidence for the  
involvement of kinin in anaphylactic shock in the rat.  
Brit J Pharmacol 37:178-84, Sep 69  
ANAPHYLAXIS, blood/ ANAPHYLAXIS, drug  
therapy/ \*ANAPHYLAXIS, physiopathology/  
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,  
therapeutic use/ ASCORBIC ACID, therapeutic  
use/ BODY FLUIDS, analysis/ BRADYKININ,  
analysis/ BRADYKININ, blood/ \*BRADYKININ,  
secretion/ FEMALE/ INTESTINE, SMALL,  
analysis/ LIVER, analysis/ LUNG, analysis/  
MALE/ MYOCARDIUM, analysis/  
PHENYLBUTAZONE, therapeutic use/ RATS/  
TIME FACTORS/ TRYPSIN INHIBITORS,  
therapeutic use
6111. Starshun GA: Skoropostizhnaja smert' ot peshcherlistoi  
gemangiomy sosudistogo spletenia.  
Sudebnomed Ekspert 11:49, Jul-Sep 68 (Rus)  
ADULT/ \*BRAIN NEOPLASMS/ CASE  
REPORT/ \*CHOROID PLEXUS/ \*DEATH,  
SUDDEN/ FEMALE/ \*FORENSIC MEDICINE/  
\*HEMANGIOMA, CAVERNOUS/ HUMAN
6112. Stary HC, McMillan GC: Kinetics of cellular  
proliferation in experimental atherosclerosis.  
Radioautography with grain counts in cholesterol-fed  
rabbits. Arch Path (Chicago) 89:173-83, Feb 70  
ANIMAL EXPERIMENTS/ AORTA,  
THORACIC, pathology/ ARTERIOSCLEROSIS,  
chemically induced/ \*ARTERIOSCLEROSIS,  
pathology/ \*CELL DIVISION/ CHOLESTEROL/  
DIET, ATHEROGENIC/ DNA, biosynthesis/  
KIDNEY, pathology/ LIVER, pathology/  
MYOCARDIUM, pathology/ RABBITS/  
RADIOAUTOGRAPHY/ SPLEEN, pathology/  
THYMIDINE, metabolism/ TRITIUM
6113. Starzl TE, Boehmig HJ, Amemiya H, et al: Clotting  
changes, including disseminated intravascular  
coagulation, during rapid renal-homograft rejection.  
New Eng J Med 283:383-90, 20 Aug 70  
ADULT/ ANTIBODIES, analysis/ ANTIBODIES,  
HETEROTYPIC, analysis/  
ANTIGEN-ANTIBODY REACTIONS/ BLOOD  
CELL COUNT/ \*BLOOD COAGULATION  
DISORDERS, etiology/ BLOOD COAGULATION  
DISORDERS, immunology/ BLOOD  
COAGULATION FACTORS, analysis/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS/  
DISSEMINATED INTRAVASCULAR  
COAGULATION/ FEMALE/ FIBRINOLYSIS/  
FLUORESCENT ANTIBODY TECHNIC/  
GAMMA GLOBULIN, analysis/ GAMMA  
GLOBULIN, 7S, analysis/ GEL DIFFUSION  
TESTS/ HISTOCOMPATIBILITY TESTING/  
HUMAN/ IMMUNOELECTROPHORESIS/  
IMMUNOGLOBULINS, analysis/ KIDNEY, blood



# AUTHOR SECTION

- supply/ KIDNEY, pathology/ \*KIDNEY, transplantation/ MALE/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
6114. Starzl TE, Penn I, Brettschneider L, et al: Selected topics on antilymphocyte serum. Fed Proc 29:186-90, Jan-Feb 70  
ANTIBODIES, analysis/ ANTIGENS/ \*ANTILYMPHOCYTE SERUM/ ANTILYMPHOCYTE SERUM, adverse effects/ ANTILYMPHOCYTE SERUM, biosynthesis/ AZATHIOPRINE, adverse effects/ BLOOD PLATELETS, immunology/ CROSS REACTIONS/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HEART, transplantation/ HISTOCOMPATIBILITY/ HUMAN/ LYMPH NODES, immunology/ NEOPLASMS, chemically induced/ PREDNISONE, adverse effects/ SPLEEN, immunology/ THROMBOPENIA, etiology/ THYMUS GLAND, immunology/ TRANSPLANTATION, HOMOLOGOUS
6115. Stasikowski J, Friedman H, Kapp JP, et al: Further physiological observations during induced basilar artery spasm in cats and dogs. J Surg Res 10:47-53, Jan 70  
ANIMAL EXPERIMENTS/ ARTERIES/ \*BASILAR ARTERY, drug effects/ \*BLOOD PLATELETS, analysis/ BLOOD PRESSURE, drug effects/ CAROTID ARTERIES, surgery/ CATS/ \*CEREBROSPINAL FLUID, analysis/ DOGS/ REGIONAL BLOOD FLOW, drug effects/ \*SPASM, chemically induced/ \*VASOCONSTRICTOR AGENTS, analysis/ VASOCONSTRICTOR AGENTS, antagonists & inhibitors/ VERTEBRAL ARTERY, surgery
6116. Stasiuk NS: Poluchenie i klinicheskoe izuchenie preparata plazmina, aktivirovannogo urokinazoi. Probl Gemat 12:37-9, Sep 67 (Rus)  
BLOOD DONORS/ ENGLISH ABSTRACT/ FIBRINOLYSIS, isolation & purification/ \*FIBRINOLYSIS, therapeutic use/ \*FIBRINOLYTIC AGENTS/ HUMAN/ \*PLASMA, analysis/ \*THROMBOEMBOLISM, drug therapy
6117. Staudacher V, Randazzo A, Di Carlo V, et al: Significato e ruolo della splenomegalia nell'emorragia digestiva dell'ipertensione portale. Minerva Gastroent 15:205-21, Oct-Dec 69 (Ita)  
ADULT/ AGED/ \*BLOOD COAGULATION DISORDERS, complications/ \*ESOPHAGEAL VARICES, complications/ FEMALE/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ \*HYPERTENSION, PORTAL, complications/ MALE/ MIDDLE AGE/ RUPTURE/ \*SPLENOMEGALY, complications
6118. Stauffer CE, Etson D: The effect on subtilisin activity of oxidizing a methionine residue. J Biol Chem 244:5333-8, 10 Oct 69  
AMINO ACIDS, analysis/ BACTERIA, enzymology/ BINDING SITES/ CHEMISTRY/ GEL FILTRATION/ HYDROGEN PEROXIDE/ IMIDAZOLES/ KINETICS/ \*METHIONINE/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY/ SULFOXIDES/ TRYPSIN
6119. Stauffer CE, Zeffren E: Concerning the mechanism of ester hydrolysis by proteases. J Biol Chem 245:3282-4, 10 Jul 70  
ALCOHOL, ETHYL/ AMINO ACIDS/ CHEMISTRY/ CHYMOTRYPSIN/ ESTERS/ OXYGEN ISOTOPES/ PAPAIN/ \*PEPTIDE PEPTIDOHYDROLASES/ TRYPSIN/ WATER
6120. Stauffer UG, Hitzig WH, Grob V, et al: Postoperative progressive Gangrän. Helv Paediat Acta 25:194-203, Apr 70 (Ger)  
ABSCESS, etiology/ ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ CORTISONE, therapeutic use/ GANGRENE, drug therapy/ GANGRENE, etiology/ \*GANGRENE, pathology/ HEMATOMA, surgery/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ \*POSTOPERATIVE COMPLICATIONS, pathology/ SILVER NITRATE, therapeutic use
6121. Stavem P, Hjort PF: Behandling av hemofili. T Norsk Laegeforen 90:1413-8, 1 Jul 70 (Nor)  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ \*CHRISTMAS DISEASE, therapy/ COLD, therapeutic use/ ENGLISH ABSTRACT/ \*FACTOR VIII, therapeutic use/ \*FACTOR IX, therapeutic use/ \*HEMOPHILIA, therapy/ HUMAN/ METHODS/ SOCIAL ADJUSTMENT
6122. Stavem P, Jeremic M, Hjort PF, et al: Hereditary thrombocytopenia with excessively prolonged bleeding time. Scand J Haemat 6:250-61, 1969  
ADULT/ BLOOD CELL COUNT/ \*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD GROUPS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, metabolism/ CAPILLARY FRAGILITY/ CELL MOVEMENT/ CHROMIUM ISOTOPES/ CLOT RETRACTION/ COLLAGEN/ ELECTROPHORESIS/ FEMALE/ HUMAN/ LIPOPROTEINS, analysis/ MALE/ MEGAKARYOCYTES, cytology/ PEDIGREE/ PLATELET ADHESIVENESS/ THROMBOPENIA, diagnosis/ THROMBOPENIA, familial & genetic
6123. Stearner SP, Christian EJ: Protection against early radiation injury to the microvasculature. ANL-7635. US AEC Argonne Nat Lab 30-4, Dec 69  
ANIMAL EXPERIMENTS/ \*BLOOD VESSELS, radiation effects/ \*CAPILLARIES, radiation effects/ CHICK EMBRYO/ MICROCIRCULATION, radiation effects/ MICROSCOPY, ELECTRON/ \*RADIATION EFFECTS/ \*RADIATION INJURY, EXPERIMENTAL/ RADIATION-PROTECTIVE AGENTS/ SOY BEANS/ TRYPSIN INHIBITORS
6124. Stearner SP, Sanderson MH: Early vascular injury in the x-irradiated chick embryo: an electron-microscope study. J Path 99:213-8, Nov 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ BLOOD VESSELS, pathology/ \*BLOOD VESSELS, radiation effects/ CAPILLARIES, radiation effects/ CAPILLARY PERMEABILITY, radiation effects/ CHICK EMBRYO/ EPITHELIUM/ ERYTHROCYTES/ MICROSCOPY, ELECTRON/ PINOCYTOSIS/ \*RADIATION EFFECTS
6125. Steel WM, Duthie RB, O'Connor BT: Haemophilic cysts. Report of five cases. J Bone Joint Surg [Brit] 51:614-26, Nov 69  
ADOLESCENCE/ ADULT/ AMPUTATION/ BIOPSY/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD TRANSFUSION/ \*BONE CYST, etiology/ BONE CYST, surgery/ \*BONE NEOPLASMS, etiology/ BONE NEOPLASMS, pathology/ BONE NEOPLASMS, surgery/ CALCANEUS/ CASTS, SURGICAL/ CHILD/ CHRISTMAS DISEASE, complications/ \*CYSTS, etiology/ FEMORAL NERVE/ FEMUR/ HAND, surgery/ HEEL/ \*HEMATOMA, etiology/ HEMATOMA, pathology/ HEMATOMA, surgery/ HEMOPHILIA, complications/ \*HEMORRHAGE, complications/ HEMORRHAGE, etiology/ HUMAN/ \*LEG/ MALE/ METATARSUS/ \*MUSCLES/ PARALYSIS/ PELVIC BONES/ PERIOSTEUM/ RADIUS/ RADIUS, pathology/ THIGH/ THUMB/ TIBIA
6126. Steele AA, Brown JD, Stone DB: Antilipolytic effect of porcine proinsulin. Diabetes 19:91-7, Feb 70  
ADIPOSE TISSUE, analysis/ \*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ FATTY ACIDS, NONESTERIFIED, analysis/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCAGON, pharmacodynamics/ GLYCERIN, analysis/



## AUTHOR SECTION

- GLYCERIN, metabolism/ \*INSULIN, pharmacodynamics/ \*LIPIDS, analysis/ LIPIDS, antagonists & inhibitors/ MALE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics
6127. Stefanovich V: Cholesterol esterification in rabbit plasma. *Biochem J* 115:555-61, Nov 69  
ANIMAL EXPERIMENTS/ BETA GLOBULIN/ CARBON ISOTOPES/ CHOLESTEROL, antagonists & inhibitors/ CHOLESTEROL, blood/ \*CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ ESTERS/ FATTY ACIDS, NONESTERIFIED/ FEMALE/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ \*LECITHINS, metabolism/ LINOLEIC ACID, metabolism/ OLEIC ACID, metabolism/ PALMITIC ACID, metabolism/ \*PLASMA, enzymology/ RABBITS/ SURFACE-ACTIVE AGENTS/ TRIGLYCERIDES
6128. Stefanovich V: Concerning collagen and elastin in aortas of nine different species. *Experientia* 26:500-1, 15 May 70  
ANIMAL EXPERIMENTS/ \*AORTA, analysis/ AORTA, ABDOMINAL/ AORTA, THORACIC/ AORTIC DISEASES, etiology/ ARTERIOSCLEROSIS, etiology/ CATS/ CATTLE/ \*COLLAGEN, analysis/ DIET, ATHEROGENIC/ DOGS/ \*ELASTIN, analysis/ GUINEA PIGS/ HAMSTERS/ \*HYDROXYPROLINE, analysis/ HYDROXYPROLINE, metabolism/ MICE/ MONKEYS/ RABBITS
6129. Stefanovich V: The structure and the biological activities of sulfopolysaccharides. I. The biological activity of sulfoheparin. *Life Sci* 8:1223-33, 1 Nov 69  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ CALCIUM, blood/ CHEMISTRY/ ELECTROPHORESIS/ HISTAMINE/ LIPOPROTEINS, blood/ MOLECULAR WEIGHT/ OLEIC ACID, metabolism/ \*POLYSACCHARIDES, pharmacodynamics/ PROTEIN BINDING/ PROTHROMBIN TIME/ RABBITS/ SULFONIC ACIDS, chem synthesis/ \*SULFONIC ACIDS, pharmacodynamics/ \*TRIGLYCERIDES, metabolism
6130. Steffen C: Mechanismen der krankheitserregenden Immunphänomene des Menschen. *Klin Wschr* 47:574-81, 1 Jun 69 (Ger)  
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES, immunology/ BLOOD PLATELETS, immunology/ COMPLEMENT, physiology/ ERYTHROCYTES, immunology/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ HYPERSENSITIVITY, IMMEDIATE, immunology/ \*IMMUNITY/ L CELLS/ MICE/ MICROSCOPY, ELECTRON/ NEOPLASMS, immunology/ RABBITS/ THROMBOPENIA, chemically induced/ THYROID GLAND, immunology/ THYROIDITIS, immunology/ TRANSPLANTATION IMMUNOLOGY
6131. Steffen C, Timpl R: Immunogenicity and specificity of collagen. X. Investigations on collagen determinants by inhibition experiments with peptides obtained after multiple degradation. *Z Immunitätsforsch* 139:455-67, Jun 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS, analysis/ ANTIGENS, analysis/ CARBOXYPEPTIDASES/ CATTLE/ CHYMOTRYPSIN/ \*COLLAGEN, analysis/ ELECTROPHORESIS/ ERYTHROCYTES, immunology/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ \*IMMUNOCHEMISTRY/ LEUCINE AMINOPEPTIDASE/ PANCREATOPEPTIDASE/ PEP SIN/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ RABBITS/ SPECIES SPECIFICITY/ TRYPSIN
6132. Steffen C, Timpl R, Wolff I, et al: Immunogenicity and specificity of collagen. IX. Resistance of different antigenic determinants of calf collagen to proteolytic treatment. *Immunology* 18:849-54, Jun 70  
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ \*ANTIGENS, analysis/ CATTLE/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ \*COLLAGEN, analysis/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ PEP SIN/ \*PEPTIDE HYDROLASES/ PEPTIDES, analysis/ RABBITS/ SPECIES SPECIFICITY/ TRYPSIN
6133. Steffensen KA: Coronary occlusion treated with small doses of heparin. *Acta Med Scand* 186:519-21, Dec 69  
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ CORONARY DISEASE, complications/ \*CORONARY DISEASE, drug therapy/ CORONARY DISEASE, mortality/ FEMALE/ \*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ PLACEBOS/ THROMBOEMBOLISM, complications
6134. Steg A: Reflexions sur l'adénomectomie prostatique selon la technique de Hryntschak. *Bull Soc Chir Paris* 60:93-7, 1970 (Fre)  
HEMOSTASIS/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ \*PROSTATIC HYPERTROPHY, surgery
6135. Steggle AW, Vertes M, King RJ: The use of protamine for a simple test of oestradiol-17beta binding. *Biochem J* 115:48P-49P, Dec 69  
ANIMAL EXPERIMENTS/ BINDING SITES/ CEREBRAL CORTEX, metabolism/ \*ESTRADIOL, metabolism/ FEMALE/ IN VITRO/ LIVER, metabolism/ MUSCLES, metabolism/ \*PROTAMINES/ \*PROTEIN BINDING/ RATS/ SPLEEN, metabolism/ TRITIUM/ UTERUS, metabolism
6136. Stehbens WE, Kostianovsky M, Sonnenwirth AC: Ultrastructure of the pulmonary microcirculation in experimental streptococcal bacteraemia. *Quart J Exp Physiol* 54:432-41, Oct 69  
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ \*CAPILLARIES/ EPITHELIUM/ LEUKOCYTES/ \*LUNG, pathology/ MICROCIRCULATION/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ PULMONARY ALVEOLI, pathology/ \*PULMONARY CIRCULATION/ RABBITS/ \*SEPTICEMIA, pathology/ \*STREPTOCOCCAL INFECTIONS, pathology/ STREPTOCOCCUS, cytology
6137. Stelchele DF: Consumption coagulopathy in obstetrics and gynecology. *Thromb Diath Haemorrh* 36:Suppl 36:177+, 1969  
ABORTION, SEPTIC, blood/ ABRUPTIO PLACENTAE, blood/ ANTIBODIES/ ANTIGENS/ \*BLOOD COAGULATION DISORDERS, complications/ ECLAMPSIA, blood/ EMBOLISM, AMNIOTIC FLUID, blood/ FEMALE/ FETAL DEATH, blood/ FIBRIN, analysis/ FIBRINOGEN/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ IMMUNOELECTROPHORESIS/ KIDNEY GLOMERULUS, pathology/ LUNG, pathology/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC/ SPLEEN, pathology/ THROMBELASTOGRAPHY
6138. Steigleder GK: Hautveränderungen durch biologisch aktive Waschmittel. *Deutsch Med Wschr* 95:1372-3, 19 Jun 70 (Ger)  
ASTHMA, chemically induced/ \*DERMATITIS, CONTACT, etiology/ \*DETERGENTS, adverse effects/ HUMAN/ PEPTIDE HYDROLASES, adverse effects
6139. Stein MA, Cordell AR: Mechanical efficiency of the left ventricle following experimental myocardial infarction and infarctectomy. *Surg Forum* 20:192-4, 1969



# AUTHOR SECTION

- ANIMAL EXPERIMENTS/ BLOOD PRESSURE/  
\*CARDIAC OUTPUT/ CORONARY VESSELS/  
DOGS/ HEART FUNCTION TESTS/ \*HEART  
VENTRICLE, physiology/ HEMOSTASIS/  
MYOCARDIAL INFARCT, complications/  
\*MYOCARDIAL INFARCT, surgery
6140. Stein MF Jr, Cimino JE, Brescia MJ: Subdural  
hematoma during hemodialysis.  
New York J Med 70:2022-4, 1 Aug 70  
ACUTE DISEASE/ \*ANTICOAGULANTS,  
adverse effects/ \*HEMATOMA, SUBDURAL,  
chemically induced/ \*HEMODIALYSIS/  
HUMAN/ MALE/ MIDDLE AGE
6141. Stein N: Toe dressing following nail avulsion.  
J Amer Podiat Ass 60:211, May 70  
\*ANTIBIOTICS, therapeutic use/ \*BANDAGES/  
\*HEMOSTASIS/ HUMAN/ METHODS/ \*NAILS,  
INGROWN, surgery/ \*TOES
6142. Stein P, Karl M: Probleme der Präparation und der  
Konservierung von Thrombozytenkonzentraten.  
Folia Haemat (Leipzig) 92:577-81, 1969 (Ger)  
ABO FACTORS/ ADENINE NUCLEOTIDES/  
BLOOD GROUPS/ \*BLOOD PLATELETS/  
BLOOD PLATELETS, immunology/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION/  
CITRATES/ EDTA/ GLUCOSE/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
ISOANTIGENS/ PLASMAPHERESIS/  
PLATELET ADHESIVENESS/ RH FACTORS
6143. Stein P, Vogt M: Die Herstellung der PPSB-Fraktion in  
einem Blutspendedienst.  
Folia Haemat (Leipzig) 93:334-9, 1970 (Ger)  
\*ADSORPTION/ ALUMINUM/  
ANTICOAGULANTS/ BARIUM/ \*BLOOD  
COAGULATION FACTORS, isolation &  
purification/ CALCIUM/ CARBONATES/  
CELLULOSE/ CENTRIFUGATION/  
CHARCOAL/ EDTA, pharmacodynamics/  
FACTOR VII, isolation & purification/  
FACTOR IX, isolation & purification/  
FACTOR X, isolation & purification/  
FIBRINOGEN, isolation & purification/  
GLUCOSE, pharmacodynamics/ HEPARIN,  
pharmacodynamics/ HUMAN/ HYDROXIDES/  
KAOLIN/ MAGNESIUM/ PHOSPHATES/  
PROTHROMBIN, isolation & purification/  
SULFATES
6144. Steinberg AG, Muir A, Rivat L, et al: A pedigree  
demonstrating the transmission of a Gm2,8,21  
phenogroup. Amer J Hum Genet 22:378-83, Jul 70  
AFRICA/ ANTIGENIC DETERMINANTS/  
CAUCASIAN RACE/ CHROMATOGRAPHY,  
PAPER/ ELECTROPHORESIS/  
FIBRINOLYSIS/ GAMMA GLOBULIN, 7S,  
isolation & purification/ HUMAN/  
INDICATORS AND REAGENTS/  
\*ISOANTIGENS, analysis/ PEDIGREE/  
\*PEPTIDES, analysis/ PEPTIDES, blood/  
\*PHENOTYPE/ \*POLYMORPHISM  
(GENETICS)/ STAINS AND STAINING/  
SUCCINATES, blood/ TRYPSIN, blood
6145. Steinbrecher W, Ossenkopp G, Meyer E, et al: Zum  
Krankheitsbild der spinalen Angiomatose.  
Nervenarzt 40:137-40, Mar 69 (Ger)  
ADULT/ ANGIOMATOSIS, drug therapy/  
\*ANGIOMATOSIS, pathology/ ANGIOMATOSIS,  
surgery/ CORTICOTROPIN, therapeutic use/  
FEMALE/ FLUPREDNISOLONE, therapeutic  
use/ HUMAN/ INFUSIONS, PARENTERAL/  
SPINAL CORD NEOPLASMS, drug therapy/  
\*SPINAL CORD NEOPLASMS, pathology/  
SPINAL CORD NEOPLASMS, surgery
6146. Steiner DF: [Special lecture. Proinsulin and insulin  
biosynthesis]  
Acta Diabet Lat [Suppl] 1:453-72, Sep 69 (Mul)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
metabolism/ ANIMAL EXPERIMENTS/  
ANTIGENS, analysis/ CATTLE/  
ENDOPLASMIC RETICULUM/ GLUCOSE,  
pharmacodynamics/ GOLGI APPARATUS,  
metabolism/ GUINEA PIGS/ HUMAN/  
IMMUNE SERUMS/ IN VITRO/ \*INSULIN,  
biosynthesis/ INSULIN, blood/ ISLANDS OF  
LANGERHANS, drug effects/ ISLANDS OF  
LANGERHANS, metabolism/  
MERCAPTOETHANOL, metabolism/  
MONKEYS/ OXIDATION-REDUCTION/  
PEPTIDES, isolation & purification/  
PEPTIDES, metabolism/ PROTEIN  
DENATURATION/ RATS/ RIBOSOMES,  
metabolism/ SWINE/ TOLBUTAMIDE,  
pharmacodynamics/ TRYPSIN, metabolism/  
UREA, metabolism
6147. Steiner DF, Clark JL, Nolan C, et al: Proinsulin and the  
biosynthesis of insulin.  
Recent Progr Hormone Res 25:207-82, 1969 (135 ref.)  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ AMINO ACIDS, metabolism/  
ANIMAL EXPERIMENTS/ CATTLE/  
CHEMISTRY/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DIABETES MELLITUS,  
metabolism/ EVOLUTION/ FEMALE/ HUMAN/  
IN VITRO/ INSULIN, analysis/ \*INSULIN,  
biosynthesis/ ISLANDS OF LANGERHANS,  
cytology/ ISLANDS OF LANGERHANS,  
metabolism/ ISLET CELL TUMOR,  
metabolism/ MOLECULAR WEIGHT/  
PANCREATIC NEOPLASMS, metabolism/  
PEPTIDES/ PEPTIDES, biosynthesis/  
PEPTIDES, isolation & purification/  
PEPTIDES, metabolism/ RATS/ REVIEW/  
TRITIUM/ TRYPSIN
6148. Steiner GM, Farman J, Lawson JP: Lymphangiomatosis  
of bone. Radiology 93:1093-8, Nov 69  
BIOPSY/ \*BONE NEOPLASMS, radiography/  
CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ HEMANGIOMA,  
diagnosis/ HUMAN/ \*LYMPHANGIOMA,  
radiography/ LYMPHOGRAPHY/ MALE
6149. Steiner M: Platelet protein synthesis studied in a  
cell-free system. Experientia 26:786-9, 1970  
AMINO ACIDS, metabolism/ \*BLOOD  
PLATELETS, metabolism/ \*BLOOD PROTEINS,  
biosynthesis/ CELL-FREE SYSTEM/  
CENTRIFUGATION, DENSITY GRADIENT/  
HUMAN/ MICROSOMES, metabolism/ MUSCLE  
PROTEINS/ RNA, MESSENGER, analysis
6150. Steiner M, Baldini M: Subcellular distribution of 51Cr  
and characterization of its binding sites in human  
platelets. Blood 35:727-39, May 70  
ADENOSINE TRIPHOSPHATASE, blood/  
\*BINDING SITES/ BLOOD PLATELETS,  
enzymology/ \*BLOOD PLATELETS,  
metabolism/ CHROMATES, metabolism/  
CHROMATOGRAPHY, THIN LAYER/  
\*CHROMIUM, metabolism/ CHROMIUM  
ISOTOPES/ CYTOPLASM/  
ELECTROPHORESIS/ GEL FILTRATION/  
HUMAN/ HYPERTONIC SOLUTIONS/  
IMMUNE SERUMS/ ISOMERASES/  
MICROSOMES/ MITOCHONDRIA/  
NUCLEOTIDES, metabolism/ PYRUVATE  
KINASE, blood
6151. Steiner RF: Determination of interaction parameters  
for a generalized associating system from colligative  
data. Biochemistry (Wash) 9:1375-9, 17 Mar 70  
\*CHEMISTRY/ CHYMOTRYPSIN/  
MATHEMATICS/ MODELS, THEORETICAL/  
\*MOLECULAR WEIGHT/ SOY BEANS/  
TRYPSIN/ TRYPSIN INHIBITORS
6152. Steinmann P: Mouvement respiratoire de la bifurcation  
trachéale en cas d'adhérence pleurale et de paralysie  
diaphragmatique.  
Bronches 20:104-8, Mar-Apr 70 (Fre)  
ADHESIONS, complications/ BRONCHI,  
physiopathology/ \*DIAPHRAGM/ HUMAN/  
\*PARALYSIS, complications/ \*PLEURAL  
DISEASES, complications/ RESPIRATION/  
\*RESPIRATORY INSUFFICIENCY, etiology/  
TRACHEA, physiopathology
6153. Steinsmith W: Dilution and transfusion.  
Lancet 2:823-4, 17 Oct 70  
BLOOD PLATELETS/ \*BLOOD TRANSFUSION,  
adverse effects/ BLOOD VOLUME/ HUMAN/  
MATHEMATICS



# AUTHOR SECTION

6154. Steltz TA, Henderson R, Blow DM: Structure of crystalline alpha-chymotrypsin. 3. Crystallographic studies of substrates and inhibitors bound to the active site of alpha-chymotrypsin. *J Molec Biol* 46:337-48, 14 Dec 69  
ARGININE/ ASPARTIC ACID/ \*BINDING SITES/ \*CHYMOTRYPSIN/ \*CHYMOTRYPSIN, antagonists & inhibitors/ HISTIDINE/ INDOLES/ LYSINE/ MOLECULAR BIOLOGY/ PEPTIDES/ PROTEIN BINDING/ SERINE/ TOLUENE/ TRYPSIN/ \*TRYPTOPHAN/ \*X-RAY DIFFRACTION
6155. Stening SG, Heptinstall DP: Diffuse cavernous haemangioma of the rectum and sigmoid colon. *Brit J Surg* 57:186-9, Mar 70  
HEMANGIOMA, radiography/ HEMANGIOMA, CAVERNOUS, complications/ \*HEMANGIOMA, CAVERNOUS, diagnosis/ HEMATOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ \*RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, surgery/ \*SIGMOID NEOPLASMS, diagnosis/ SIGMOID NEOPLASMS, surgery
6156. Stépán J, Ott VR: Alpha-1 antitrypsin and alpha-1 lipoprotein in plasmamucoid of rheumatoid arthritis patients. *Acta Rheum Scand* 15:305-15, 1969  
ADULT/ AGE FACTORS/ AGED/ \*ALPHA GLOBULIN, analysis/ \*ARTHRITIS, RHEUMATOID, blood/ \*BLOOD PROTEINS, isolation & purification/ FEMALE/ GOUT, blood/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, isolation & purification/ MALE/ MIDDLE AGE/ MUCOPROTEINS, isolation & purification/ SEX FACTORS/ \*TRYPSIN INHIBITORS, blood
6157. Stepanov VM, Timokhina EA, Zyakun AM: Leucyl-pepsin a product of hog pepsinogen activation by proteinases of aspergillus oryzae. *Biochem Biophys Res Commun* 37:470-6, 22 Oct 69  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*ASPERGILLUS, enzymology/ AUTOANALYSIS/ BINDING SITES/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENZYME ACTIVATION/ \*ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ LEUCINE/ \*PEPSIN/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ SWINE
6158. Stepanova EN, Sapozhnikova GA, Nefedova RS: Srovnatel'noe izuchenie razlichnykh metodov opredeleniya riboflavina v pishchevykh produktakh. *Vop Pitani* 28:14-8, Sep-Oct 69 (Rus)  
AMYLASE/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FLAVINS, analysis/ FLUOROMETRY/ \*FOOD ANALYSIS/ HYDROCHLORIC ACID/ LIGHT/ METHODS/ PEPTIDE HYDROLASES/ PHOSPHATASES/ RADIATION EFFECTS/ \*RIBOFLAVIN, analysis/ RIBOFLAVIN, radiation effects/ SULFURIC ACIDS
6159. Stepanova NI, Gorbato VA, Petrovskii VV: Liofilizatsiya antigenov i syvorotok krvi dlia RSK pri krovoparazitarnykh bolezniakh zhivotnykh. *Veterinariia* 46:45-7, Jun 69 (Rus)  
ANIMAL DISEASES, blood/ \*ANTIGENS/ BIOLOGICAL PRODUCTS/ \*BLOOD PRESERVATION/ \*BLOOD SEDIMENTATION, veterinary/ CATTLE/ CATTLE DISEASES, blood/ DOG DISEASES, blood/ DOGS/ \*FREEZE DRYING/ \*HEMATOLOGIC DISEASES, veterinary/ PARASITIC DISEASES, blood/ \*PARASITIC DISEASES, veterinary/ SEPTICEMIA, veterinary/ SHEEP/ SHEEP DISEASES, blood
6160. Stephan W, Frahm U: Eine Methode zur Identifizierung und Zuordnung von Laurell-Elektrophorese-Peaks. *Z Klin Chem* 8:391-3, Jul 70 (Ger)  
ENGLISH ABSTRACT/ GLYCOPROTEINS, blood/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, blood/ METHODS/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ TRYPSIN INHIBITORS, blood
6161. Stephens RE: On the apparent homology of actin and tubulin. *Science* 168:845-7, 15 May 70  
CHYMOTRYPSIN/ CILIA/ ELECTROPHORESIS, DISK/ GILLS/ MOLECULAR WEIGHT/ MOLLUSCA/ \*MUSCLE PROTEINS, analysis/ PEPTIDES, analysis/ \*PROTEINS, analysis/ TRYPSIN
6162. Sterkers JM: Téflon-caillot. Téflon-piston avec utilisation de caillot comme joint. (500 cas) *Ann Otolaryng (Paris)* 86:599-600, Sep 69 (Fre)  
EAR DISEASES, etiology/ EAR OSSICLES, surgery/ FIBRIN/ \*FLUOROCARBON POLYMERS/ GELFOAM/ HUMAN/ LABYRINTH DISEASES, etiology/ METHODS/ \*OTOSCLEROSIS, surgery/ POSTOPERATIVE COMPLICATIONS/ \*PROSTHESIS/ VEINS, surgery
6163. Sterkowicz S: Leczenie trombolityczne. II. *Przegl Lek* 25:698-701, 1969 (56 ref.) (Pol)  
\*CEREBROVASCULAR DISORDERS, drug therapy/ \*CORONARY DISEASE, drug therapy/ DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, adverse effects/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE, chemically induced/ HUMAN/ REVIEW/ STREPTOKINASE, adverse effects/ \*STREPTOKINASE, therapeutic use/ \*THROMBOSIS, drug therapy
6164. Stern JJ: Biochemistry of chymopapain. *Clin Orthop* 67:42-6, Nov-Dec 69  
AMMONIUM COMPOUNDS, urine/ CHEMISTRY, ANALYTICAL/ CHOLECYSTECTOMY/ CHONDROITIN, analysis/ CORTISONE, pharmacodynamics/ GALLBLADDER, physiology/ HUMAN/ HYALURONIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ INTERVERTEBRAL DISK, analysis/ INTERVERTEBRAL DISK, drug effects/ \*INTERVERTEBRAL DISK, metabolism/ INTERVERTEBRAL DISK DISPLACEMENT, etiology/ INTERVERTEBRAL DISK DISPLACEMENT, metabolism/ INTERVERTEBRAL DISK DISPLACEMENT, urine/ MUCOPOLYSACCHARIDES, analysis/ \*PEPTIDE PEPTIDOHYDROLASES, metabolism/ POLYSACCHARIDES, analysis/ PROTEINS, analysis/ URONIC ACIDS, analysis/ VISCOSITY
6165. Stern L, Langford C, Grossman BJ: Extravasation of urine. Radiological demonstration following percutaneous renal biopsy. *Amer J Dis Child* 119:88-90, Jan 70  
ADOLESCENCE/ \*BIOPSY, adverse effects/ CASE REPORT/ FEMALE/ HEMATOMA, etiology/ HUMAN/ \*KIDNEY, injuries/ KIDNEY DISEASES, radiography/ NITROFURANTOIN, therapeutic use/ URINARY TRACT INFECTIONS, drug therapy/ URINARY TRACT INFECTIONS, etiology/ \*URINATION DISORDERS, etiology/ \*URINE
6166. Stern R, Gonano F, Fleissner E, et al: Coding properties of methyl-deficient phenylalanyl transfer ribonucleic acid from Escherichia coli. *Biochemistry (Wash)* 9:10-8, 6 Jan 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CYTOSINE NUCLEOTIDES/ \*ESCHERICHIA COLI, metabolism/ FILTRATION/ GENETIC CODE/ HEMOGLOBIN, biosynthesis/ MAGNESIUM/ \*METHIONINE, metabolism/ PEPTIDES, biosynthesis/ \*PHENYLALANINE/ PHENYLALANINE, metabolism/ POLYNUCLEOTIDES/ RABBITS/ RIBOSOMES, metabolism/ \*RNA, BACTERIAL, metabolism/ \*RNA, SOLUBLE, metabolism/



# AUTHOR SECTION

- STREPTOMYCIN, pharmacodynamics/  
TRITIUM/ TRYPSIN/ URACIL NUCLEOTIDES
6167. Stern R, Peterkofsky A: Studies on lysyl transfer ribonucleic acid synthetase from *Escherichia coli*. *Biochemistry (Wash)* 8:4346-54, Nov 69  
ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ CULTURE MEDIA/ \*ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, metabolism/ HYDROGEN-ION CONCENTRATION/ \*LIGASES/ LIGASES, antagonists & inhibitors/ LIGASES, biosynthesis/ LIGASES, isolation & purification/ LYSINE/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PHOSPHATES/ PHOSPHORUS ISOTOPES/ PYROPHOSPHATES/ RNA, BACTERIAL/ RNA, SOLUBLE/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRYPSIN
6168. Sternberger LA, Osserman EF, Seligman AM: Lysozyme and fibrinogen in normal and leukemic blood cells: a quantitative electron immunocytochemical study. *Johns Hopkins Med J* 126:188-209, Apr 70  
ACID PHOSPHATASE, blood/ \*BLOOD PLATELETS, enzymology/ \*FIBRINOGEN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ IMMUNOCHEMISTRY/ \*LEUKEMIA, MONOCYTIC, enzymology/ \*LEUKEMIA, MYELOCYTIC, enzymology/ \*LEUKOCYTES, enzymology/ LYSOSOMES/ MICROSCOPY, ELECTRON/ \*MURAMIDASE, blood/ URANIUM
6169. Sternlieb CM: Incidence of silent postoperative pulmonary emboli in geriatric patients. *J Amer Geriatr Soc* 18:242-9, Mar 70  
ADULT/ AGE FACTORS/ AGED/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, analysis/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ \*POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, diagnosis/ \*PULMONARY EMBOLISM, occurrence/ RADIOISOTOPE SCANNING/ THORACIC RADIOGRAPHY/ TIME FACTORS
6170. Steruská M, Hrublíško M: Fanconho anémia u dospělých. *Vnitřní Lek* 15:905-12, Sep 69 (Slo)  
ABNORMALITIES, MULTIPLE/ ADOLESCENCE/ ADULT/ \*ANEMIA, APLASTIC, familial & genetic/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ PROGNOSIS/ THROMBOPENIA
6171. Steven FS, Jackson DS, Broady K: Unreactive epsilon-amino groups in collagens. *Biochim Biophys Acta* 188:334-6, 1969  
ACHILLES TENDON/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ \*COLLAGEN/ COLLAGEN, analysis/ FLUORINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINES/ \*LYSINE/ NITROBENZENES/ PEPTIDES/ POLYMERS/ SKIN/ TENDONS/ TRYPSIN
6172. Stevens CO, Long JL, Upjohn D: Radiation produced aggregation in crystalline preparations of ribonuclease, lysozyme, and trypsin. *Proc Soc Exp Biol Med* 132:951-6, Dec 69  
GEL FILTRATION/ HYDROGEN, pharmacodynamics/ METHODS/ MURAMIDASE/ \*RADIATION EFFECTS/ \*RIBONUCLEASE/ SULFIDES, pharmacodynamics/ \*TRYPSIN
6173. Stevens CO, Sauberlich HE: Proteolytic digestion rates for altered enzymes. *Radiat Res* 41:362-74, Feb 70  
ALKALIES/ CHROMATOGRAPHY/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSIN, radiation effects/ HEAT/ \*MURAMIDASE, metabolism/ \*MURAMIDASE, radiation effects/ PROTEIN DENATURATION/ \*RADIATION EFFECTS/ \*RIBONUCLEASE, metabolism/ RIBONUCLEASE, radiation effects/ SPECTROPHOTOMETRY/ TIME FACTORS/ \*TRYPSIN, metabolism/ TRYPSIN, radiation effects
6174. Stevens DA, Pry TW, Blackham EA: Prevalence of precipitating antibody to antigens derived from Burkitt lymphoma cultures infected with herpes-type virus (EB virus). *Blood* 35:263-75, Feb 70  
ABSORPTION/ ADULT/ \*ANTIGENS/ \*BURKITT'S LYMPHOMA, immunology/ CANDIDA, immunology/ CAUCASIAN RACE/ CHILD/ CHILD, PRESCHOOL/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ \*HERPESVIRUS, immunology/ HUMAN/ IMMUNE SERUMS/ INFANT/ LEUKEMIA, immunology/ MICROSCOPY, ELECTRON/ MYCOPLASMA, immunology/ NEGROID RACE/ PRECIPITINS, analysis/ \*PRECIPITINS, isolation & purification/ \*TISSUE CULTURE/ TRYPSIN, pharmacodynamics
6175. Stevens DP, Barker LF, Ketcham AS, et al: Asymptomatic cytomegalovirus infection following blood transfusion in tumor surgery. *JAMA* 211:1341-4, 23 Feb 70  
ADOLESCENCE/ ADULT/ AGED/ ANTIBODIES, analysis/ BLOOD PRESERVATION/ \*BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT FIXATION TESTS/ \*CYTOMEGALIC INCLUSION DISEASE, etiology/ CYTOMEGALOVIRUSES, immunology/ CYTOMEGALOVIRUSES, isolation & purification/ HEPATITIS, HOMOLOGOUS SERUM, complications/ HUMAN/ MIDDLE AGE/ \*NEOPLASMS, surgery
6176. Stevens J, Katz PL, Archer FL, et al: Synovial hemangioma of the knee. *Arthritis Rheum* 12:647-9, Dec 69  
ADULT/ CASE REPORT/ FEMALE/ \*HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ \*KNEE JOINT/ \*SYNOVIAL MEMBRANE/ SYNOVIAL MEMBRANE, pathology
6177. Stevens PM, Johnson PC, Bell RL, et al: Regional ventilation and perfusion after lung transplantation in patients with emphysema. *New Eng J Med* 282:245-9, 29 Jan 70  
ADULT/ CARBON DIOXIDE, blood/ HUMAN/ LUNG, pathology/ LUNG, physiopathology/ \*LUNG, transplantation/ LUNG COMPLIANCE/ MALE/ OXYGEN, blood/ PARTIAL PRESSURE/ \*PULMONARY CIRCULATION/ PULMONARY EMPHYSEMA, physiopathology/ \*PULMONARY EMPHYSEMA, surgery/ RADIOISOTOPES, diagnostic use/ \*RESPIRATION/ RESPIRATORY FUNCTION TESTS/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN INHIBITORS, metabolism/ VASCULAR RESISTANCE/ XENON, diagnostic use
6178. Stevenson KJ, Smille LB: The inhibition of chymotrypsin A4 with a homologous series of chloromethyl ketone reagents. *Canad J Biochem* 48:364-75, Mar 70  
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BENZENE DERIVATIVES/ BINDING SITES/ CHEMISTRY/ CHLORINE/ CHYMOTRYPSIN, analysis/ \*CHYMOTRYPSIN, antagonists & inhibitors/ ELECTROPHORESIS/ \*HISTIDINE/ HYDROGEN-ION CONCENTRATION/ \*KETONES/ KETONES, chem synthesis/ KINETICS/ \*METHIONINE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SULFONIC ACIDS
6179. Stevenson MM, Yoder II: Studies of platelet aggregation, plasma adenosine diphosphate breakdown and blood coagulation in magnesium deficient calves and rats. *Thromb Diath Haemorrh* 23:299-305, 1970



# AUTHOR SECTION

- \*ADENINE NUCLEOTIDES, metabolism/  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ BLOOD COAGULATION TESTS/  
\*BLOOD COAGULATION TESTS/ \*BLOOD  
PLATELETS/ CATTLE/ MAGNESIUM, blood/  
\*MAGNESIUM DEFICIENCY, blood/  
PLATELET ADHESIVENESS/ RATS/  
SPECTROPHOTOMETRY
6180. Stewart DG: EACA and intravascular coagulation.  
New Eng J Med 281:1247, 27 Nov 69  
\*AMINOCAPROIC ACID, adverse effects/  
ANIMAL EXPERIMENTS/ ARM, blood supply/  
\*BLOOD COAGULATION DISORDERS,  
chemically induced/ HUMAN/ ISCHEMIA/  
SHWARTZMAN PHENOMENON, chemically  
induced
6181. Stewart DR, Byrd CL, Schuster SR: Intramural  
hematomas of the alimentary tract in children.  
Surgery 68:550-7, Sep 70  
ABDOMEN, ACUTE/ ABDOMINAL INJURIES,  
diagnosis/ ABDOMINAL INJURIES, etiology/  
\*ABDOMINAL INJURIES, surgery/  
ADOLESCENCE/ ADULT/ CHILD/ CHILD,  
PRESCHOOL/ COLON, injuries/ DUODENUM,  
injuries/ FEMALE/ HEMATOMA, diagnosis/  
HEMATOMA, etiology/ \*HEMATOMA, surgery/  
HUMAN/ ILEUM, injuries/ INFANT/  
\*INTESTINES, injuries/ MALE
6182. Stewart GJ: Changes in the ultrastructure and number  
of platelets induced by an adrenochrome complex.  
Thromb Diath Haemorrh 23:237-60, 1970  
\*ADRENOCROME, pharmacodynamics/  
ADULT/ BLOOD CELL COUNT/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELETS,  
cytology/ \*BLOOD PLATELETS, drug effects/  
FEMALE/ HUMAN/ INDOLES, analysis/  
INDOLES, urine/ MALE/ \*MICROSCOPY,  
ELECTRON/ MIDDLE AGE/ ORGANOIDIS/  
PHOSPHONITIDES/ SEMICARBAZIDES,  
pharmacodynamics
6183. Stewart GJ: A fixation-shadowing technique for  
electron microscopic visualization of platelets,  
subcellular material, and fibrin.  
Thromb Diath Haemorrh 23:228-36, 1970  
\*BLOOD PLATELETS, cytology/ DENDRITES/  
\*FIBRIN/ HUMAN/ METHODS/  
\*MICROSCOPY, ELECTRON/ POLYMERS/  
THROMBIN, physiology
6184. Stewart GJ: Effect of endotoxin on the ultrastructure  
of liver and blood cells of hamsters.  
Brit J Exp Path 51:114-7, Apr 70  
ANIMAL EXPERIMENTS/ \*BLOOD CELLS,  
drug effects/ BLOOD PLATELETS/  
\*ENDOTOXINS, pharmacodynamics/  
ERYTHROCYTES/ ESCHERICHIA COLI/  
HAMSTERS/ ISCHEMIA/ LEUKOCYTES/  
\*LIVER, drug effects/ LIVER, pathology/  
LIVER, secretion/ LYSOSOMES/  
MICROSCOPY, ELECTRON/ SEROTONIN,  
secretion/ SHOCK, ENDOTOXIC, pathology/  
TIME FACTORS
6185. Stewart GJ, Niewiarowski S: Nonenzymatic  
polymerization of fibrinogen by protamine sulfate. An  
electron microscope study.  
Biochim Biophys Acta 194:462-9, 23 Dec 69  
ACETATES/ CATTLE/ CHEMISTRY/ COLD/  
FIBRIN/ \*FIBRINOGEN/ HUMAN/ METHODS/  
MICROSCOPY, ELECTRON/ POLYMERS/  
PRECIPITATION/ \*PROTAMINES/ SERUM  
ALBUMIN, BOVINE/ SPECTRUM ANALYSIS/  
STAINS AND STAINING/ SULFURIC ACIDS/  
\*THROMBIN/ ULTRAVIOLET RAYS/  
URANIUM
6186. Stewart WJ: Lateral diskograms and chemonucleolysis  
in the treatment of ruptured or deteriorated lumbar  
disks. Clin Orthop 67:88-9, Nov-Dec 69  
ADULT/ AGED/ CONTRAST MEDIA/  
FEMALE/ FOLLOW-UP STUDIES/ FOOT/  
HUMAN/ INJECTIONS, adverse effects/  
INTERVERTEBRAL DISK, radiography/  
\*INTERVERTEBRAL DISK DISPLACEMENT,  
drug therapy/ \*LUMBAR VERTEBRAE/  
LUMBAR VERTEBRAE, radiography/ MALE/
- MIDDLE AGE/ PAIN/ \*PEPTIDE  
PEPTIDOHYDROLASES, therapeutic use/  
\*SPINAL DISEASES, drug therapy/ SPINAL  
DISEASES, radiography/ SPINAL FUSION
6187. Stich W: Gezielte Hämotherapie.  
Internist (Berlin) 10:52-8, Feb 69 (69 ref.) (Ger)  
AGAMMAGLOBULINEMIA, drug therapy/  
ANEMIA, therapy/ BLOOD PLATELETS/  
\*BLOOD PROTEINS, therapeutic use/ \*BLOOD  
TRANSFUSION/ BONE MARROW CELLS,  
transplantation/ ERYTHROCYTES/ FACTOR  
VIII, therapeutic use/ FIBRINOGEN,  
therapeutic use/ GAMMA GLOBULIN,  
therapeutic use/ \*HEMATOLOGIC DISEASES,  
therapy/ HEMOPHILIA, drug therapy/  
HUMAN/ HYPOPROTEINEMIA, drug therapy/  
LEUKOCYTES/ LEUKOPENIA, therapy/  
RADIATION INJURY, therapy/ REVIEW/  
SERUM ALBUMIN, therapeutic use/  
THROMBOPENIA, therapy
6188. Stich W, Pfisterer H: Radioisotope in der Klinischen  
Hämatalogie. I. Z Klin Chem 7:109-10, Jan 69 (Ger)  
BLOOD VOLUME DETERMINATION/  
CHROMIUM ISOTOPES, diagnostic use/  
CLINICAL RESEARCH/ COBALT ISOTOPES,  
diagnostic use/ ERYTHROCYTE AGING/  
\*HEMATOLOGIC DISEASES, diagnosis/  
HUMAN/ IRON ISOTOPES, diagnostic use/  
LEUKEMIA, LYMPHOCYTIC, diagnosis/  
PHOSPHORUS ISOTOPES, diagnostic use/  
\*RADIOISOTOPES, diagnostic use/  
THROMBOPENIA, diagnosis/ VITAMIN B 12,  
metabolism
6189. Stickler GB, Shin MH, Burke EC, et al: Diffuse  
glomerulonephritis associated with infected  
ventriculoatrial shunt. Amer Heart J 79:426-7, Mar 70  
\*CEREBRAL VENTRICLES/ CEREBROSPINAL  
FLUID SHUNTS/ CHILD/ COAGULASE/  
COMPLEMENT, analysis/ FLUORESCENT  
ANTIBODY TECHNIC/ GAMMA GLOBULIN,  
7S, analysis/ GAMMA GLOBULIN, 19S,  
analysis/ \*GLOMERULONEPHRITIS, etiology/  
GLOMERULONEPHRITIS, immunology/  
\*HEART ATRIUM/ HUMAN/  
\*HYDROCEPHALUS, surgery/ KIDNEY  
GLOMERULUS, immunology/ \*SEPTICEMIA,  
complications/ \*STAPHYLOCOCCAL  
INFECTIONS, etiology/ STAPHYLOCOCCUS,  
enzymology
6190. Stim TB: Dengue virus plaque development in simian  
cell systems. I. Factors influencing virus adsorption  
and variables in the agar overlay medium.  
Appl Microbiol 19:751-6, May 70  
ADSORPTION/ AGAR/ ASCITIC FLUID/  
BICARBONATES, pharmacodynamics/  
CALCIUM, pharmacodynamics/ CATTLE/ CELL  
LINE/ \*CULTURE MEDIA/ \*DENGUE VIRUS,  
growth & development/ HYDROGEN-ION  
CONCENTRATION/ IMMUNE SERUMS/ IONS/  
KIDNEY/ MAGNESIUM, pharmacodynamics/  
MICE/ MONKEYS/ SERUM ALBUMIN,  
BOVINE/ SODIUM/ TEMPERATURE/ \*TISSUE  
CULTURE/ TOLUENE/ TRYPSIN
6191. Stim TB: Dengue virus plaque development in simian  
cell systems. II. Agar variables and effect of chemical  
additives. Appl Microbiol 19:757, May 70  
ACTINOMYCIN, pharmacodynamics/ \*AGAR/  
CELL LINE/ \*DENGUE VIRUS, growth &  
development/ ETHYLAMINES,  
pharmacodynamics/ GLUTAMINE,  
pharmacodynamics/ HEPARIN,  
pharmacodynamics/ KIDNEY/ MICE/  
MONKEYS/ PANCREATIN, pharmacodynamics/  
POLYSACCHARIDES/ PROTAMINES,  
pharmacodynamics/ TEMPERATURE/ \*TISSUE  
CULTURE/ VIRUS CULTIVATION
6192. Stinson EB, Dong E Jr, Schroeder JS, et al: Cardiac  
transplantation in man. IV. Early results.  
Ann Surg 170:588-92, Oct 69  
ADULT/ ANGIOGRAPHY/ ANTILYMPHOCYTE  
SERUM, therapeutic use/ EXTRACORPOREAL  
CIRCULATION/ FEMALE/ \*HEART,  
transplantation/ HEPARIN, therapeutic use/  
HISTOCOMPATIBILITY/ HUMAN/ KIDNEY,



# AUTHOR SECTION

- immunology/ LIVER/ MALE/ MIDDLE AGE/  
POSTOPERATIVE COMPLICATIONS/  
TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION, HOMOLOGOUS,  
mortality
6193. Stirrat GM, McLaughlin IS, Struthers JO, et al:  
Haematoma of the rectus abdominis muscle. Its  
aetiology and a review of 10 cases.  
Brit J Surg 57:175-8, Mar 70  
ABDOMEN/ ADULT/ AGED/ FEMALE/  
HEMATOMA, diagnosis/ \*HEMATOMA,  
etiology/ HEMATOMA, mortality/ HEMATOMA,  
surgery/ HEMORRHAGIC DIATHESIS,  
complications/ HUMAN/ MALE/ MIDDLE  
AGE/ MUSCLES, injuries/ \*MUSCULAR  
DISEASES, etiology/ POSTOPERATIVE  
COMPLICATIONS/ PREGNANCY/  
PREGNANCY COMPLICATIONS/  
RESPIRATORY TRACT INFECTIONS,  
complications
6194. Stobbé H, Herrmann H: Die Splenektomie bei  
hämatologischen Autoimmunerkrankungen.  
Z Ges Inn Med 24:545-9, 15 Aug 69 (Ger)  
ADULT/ \*ANEMIA, HEMOLYTIC,  
AUTOIMMUNE, surgery/ COOMBS' TEST/  
ENGLISH ABSTRACT/ ERYTHROCYTE  
COUNT/ FEMALE/ HUMAN/ LEUKOCYTE  
COUNT/ MALE/ MIDDLE AGE/ \*PURPURA,  
THROMBOPENIC, surgery/ \*SPLENECTOMY
6195. Stock W, Eigler FW: Wirkung eines  
Proteinaseninhibitors auf das Tourniquet-Syndrom  
der Ratte. II. Verbesserung der Überlebenszeit beim  
Tourniquet-Schock durch Trasylol.  
Z Ges Exp Med 151:64-73, 19 Sep 69 (Ger)  
ANIMAL EXPERIMENTS/ EDEMA, drug  
therapy/ ENGLISH ABSTRACT/ FOOT  
DISEASES, drug therapy/ ISCHEMIA, drug  
therapy/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ PROGNOSIS/ RATS/  
SHOCK, drug therapy/ TEMPERATURE/ TIME  
FACTORS/ TOURNIQUETS
6196. Stockinger L, Weissel M, Lechner K:  
Thrombozytenpräparation und Auswertung.  
Mikroskopie 25:362-77, 1969 (Ger)  
ALDEHYDES/ \*BLOOD PLATELETS, cytology/  
CENTRIFUGATION/ ENGLISH ABSTRACT/  
\*HISTOLOGICAL TECHNIQS/ HUMAN/  
MICROSCOPY, ELECTRON/ TEMPERATURE
6197. Stokov I, Rückert A, Wehl A: Über  
Proteinaseninhibitoren. 2. Proteinaseninhibitoren  
und Insulinherstellung.  
Pharmazie 24:477-9, Aug 69 (Ger)  
ANIMAL EXPERIMENTS/  
ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ CATTLE/  
CHYMOTRYPSIN, antagonists & inhibitors/  
INSULIN, isolation & purification/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
analysis/ PANCREAS, analysis/ \*PEPTIDE  
PEPTIDOHYDROLASES, antagonists &  
inhibitors/ PROTEINS, analysis/ SWINE/  
TRYPSIN INHIBITORS, analysis/ \*TRYPSIN  
INHIBITORS, isolation & purification
6198. Stolfi RL: An analogue of guinea pig C8: in vitro  
generation and inhibitory activity.  
J Immun 104:1212-9, May 70  
ANIMAL EXPERIMENTS/ BINDING SITES/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
\*COMPLEMENT/ COMPLEMENT, antagonists  
& inhibitors/ GUINEA PIGS/ HEMOLYSIS/ IN  
VITRO/ SPECTROPHOTOMETRY/  
TEMPERATURE/ TRYPSIN, pharmacodynamics
6199. Stoltz JF, Larcen A: Etude de quelques propriétés  
rhéologiques du sang à l'aide d'un viscosimètre  
capillaire. Aggressologie 11:119-25, Mar 70 (Fre)  
\*BLOOD VISCOSITY/ ENGLISH ABSTRACT/  
MATHEMATICS/ MODELS, BIOLOGIC/  
\*RHEOLOGY
6200. Stoltz JF, Stoltz M, Gineste J, et al: Influence du pH sur  
la mobilité électrophorétique des hématies et des  
plaquettes humaines. Recherche du "point  
isoélectrique".  
Path Biol (Paris) 18:159-62, Feb 70 (Fre)  
\*BLOOD PLATELETS, physiology/  
\*ELECTROPHORESIS/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES, physiology/ HUMAN/  
\*HYDROGEN-ION CONCENTRATION/  
MEMBRANE POTENTIALS
6201. Stoltz JF, Streiff F, Larcen A: Effets électrocinétiques  
dans la suspension sanguine. I. Aspects théoriques  
élémentaires. Modifications au cours de la  
conservation. Recherche d'un point isoélectrique  
pour les hématies et les plaquettes.  
Rev Franc Transfus 12:409-21, Dec 69 (Fre)  
ACIDS/ ANTICOAGULANTS/ \*BLOOD  
PLATELETS/ BLOOD PLATELETS,  
physiology/ \*BLOOD PRESERVATION/ CELL  
MOVEMENT/ CITRATES/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ ERYTHROCYTES,  
physiology/ GLUCOSE/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
SUSPENSIONS/ VISCOSITY
6202. Stolz C, Heller W, Mörl FK: Verlaufsbeobachtungen  
über Enzymveränderungen beim infektiösen Tetanus.  
Langenbecks Arch Chir 325:949-52, 1969 (Ger)  
\*ACETYLCHOLINESTERASE, blood/ ADULT/  
AGED/ \*ALANINE AMINOTRANSFERASE,  
blood/ \*ASPARTATE AMINOTRANSFERASE,  
blood/ CHILD/ \*CHOLINESTERASE, blood/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*LACTATE  
DEHYDROGENASE, blood/ MALE/ MIDDLE  
AGE/ TETANUS, drug therapy/ \*TETANUS,  
enzymology
6203. Stoner G, Walker L: Enzymatic and electrochemical  
polymerization of fibrinogen.  
J Biomed Mat Res 3:645-54, Dec 69  
ELECTROCHEMISTRY/ ELECTRODES/  
FIBRIN/ \*FIBRINOGEN/ PAPAIN/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PLATINUM/  
POLYMERS/ POTENTIOMETRY/ THROMBIN/  
TRYPSIN
6204. Stoner GE: Electroosorption of amino acids peptides and  
proteins in relation to the compatibility of materials  
and the human body.  
J Biomed Mat Res 3:655-67, Dec 69  
ADSORPTION/ \*AMINO ACIDS/ ANIMAL  
EXPERIMENTS/ \*BIOMEDICAL  
ENGINEERING/ BLOOD COAGULATION/  
BLOOD VESSEL PROSTHESIS/ DOGS/  
ELECTROCHEMISTRY/ \*FIBRINOGEN/  
HUMAN/ MERCURY/ \*PEPTIDES/  
POTENTIOMETRY
6205. Stoppa R, Quintyn M, Abourachid H: Hématomes  
spontanés de la gaine des droits de l'abdomen.  
Chirurgie 96:354-8, 8-15 Apr 70 (Fre)  
\*ABDOMINAL WALL/ AGE FACTORS/  
AGED/ FEMALE/ \*HEMATOMA/ HEMATOMA,  
diagnosis/ HEMATOMA, therapy/ HUMAN/  
MALE/ MIDDLE AGE
6206. Stoppoloni G, Di Toro R: Juvenile chronic myeloid  
leukaemia. Lancet 1:1176, 30 May 70  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
CHILD, PRESCHOOL/ ERYTHROCYTE  
COUNT/ HEMOGLOBIN, analysis/ HUMAN/  
\*LEUKEMIA, MYELOCYTIC, blood/  
LEUKOCYTE COUNT
6207. Storb R, Buckner CD, Dillingham LA, et al:  
Cyclophosphamide regimens in rhesus monkey with  
and without marrow infusion.  
Cancer Res 30:2195-203, Aug 70  
ANEMIA, chemically induced/ \*ANEMIA,  
prevention & control/ ANIMAL  
EXPERIMENTS/ BLOOD CELL COUNT/ BONE  
MARROW, drug effects/ \*BONE MARROW,  
transplantation/ \*CYCLOPHOSPHAMIDE,  
administration & dosage/  
CYCLOPHOSPHAMIDE, adverse effects/  
FEMALE/ HEMATOPOIESIS, drug effects/  
KARYOTYPING/ LEUKOPENIA, chemically  
induced/ \*LEUKOPENIA,



# AUTHOR SECTION

- prevention & control/ MALE/ MONKEYS/  
THROMBOPENIA, chemically induced/  
\*THROMBOPENIA, prevention & control/  
TRANSPLANTATION, AUTOLOGOUS/  
TRANSPLANTATION, HOMOLOGOUS
6208. Storb R, Epstein RB, Rudolph RH, et al: The effect of prior transfusion on marrow grafts between histocompatible canine siblings.  
J Immun 105:627-33, Sep 70  
ANIMAL EXPERIMENTS/ AUTOPSY/ BLOOD PLATELETS, immunology/ \*BLOOD TRANSFUSION, adverse effects/ \*BONE MARROW, transplantation/ BONE MARROW EXAMINATION/ COBALT ISOTOPES/ DOGS/ FEMALE/ HISTOCOMPATIBILITY TESTING/ LEUKOCYTES, immunology/ MALE/ RADIATION CHIMERA/ TISSUE CULTURE/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY
6209. Stork A, Fabian E, Sponarová J: Účinek dexamethazonu na aktivitu lipoproteinové lipázy a poheparinové esterázy u cirhotiků.  
Sborn Lek 71:315-8, Dec 69 (Cze)  
ADULT/ \*DEXAMETHASONE, pharmacodynamics/ ENGLISH ABSTRACT/ \*ESTERASES, blood/ FEMALE/ \*HEPARIN, pharmacodynamics/ HUMAN/ \*LIPOPROTEIN LIPASE, blood/ LIVER CIRRHOSIS, enzymology/ MALE/ MIDDLE AGE
6210. Stormorken H: The release reaction of secretion.  
Scand J Haemat Suppl 9:1-24, 1969 (133 ref.)  
ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BLOOD PLATELETS, secretion/ ERYTHROPOIETIN, secretion/ HOMEOSTASIS/ HUMAN/ INTESTINAL SECRETIONS/ INTESTINES, secretion/ KININS, blood/ LEUKOCYTES, secretion/ LYMPHOCYTES, immunology/ MAST CELLS, secretion/ NEUROSECRETORY SYSTEMS, physiology/ PANCREAS, secretion/ \*PHAGOCYTOSIS/ \*PHYSIOLOGY/ \*PINOCYTOSIS/ PITUITARY GLAND, secretion/ RENIN, secretion/ REVIEW/ SALIVARY GLANDS, secretion
6211. Stormorken H: The platelet release reaction. Its general aspects and relation to phagocytosis-pinocytosis.  
Scand J Clin Lab Invest Suppl 107:115+, 1969  
ADENOSINE TRIPHOSPHATE/ ADRENAL MEDULLA, physiology/ \*BLOOD PLATELETS, physiology/ HUMAN/ LEUKOCYTES, physiology/ MAST CELLS, physiology/ PANCREAS, physiology/ \*PHAGOCYTOSIS/ \*PINOCYTOSIS/ PITUITARY GLAND, physiology/ SALIVARY GLANDS, physiology
6212. Stormorken H: The platelet release reaction. Its general aspects and relation to phagocytosis-pinocytosis.  
Scand J Clin Lab Invest 24:Suppl 107:115+, 1969  
ADENOSINE TRIPHOSPHATE/ ADRENAL MEDULLA, physiology/ \*BLOOD PLATELETS, physiology/ HUMAN/ LEUKOCYTES, physiology/ MAST CELLS, physiology/ PANCREAS, physiology/ \*PHAGOCYTOSIS/ \*PINOCYTOSIS/ PITUITARY GLAND, physiology/ SALIVARY GLANDS, physiology
6213. Storozhuk PG: Vliyanie razlichnykh pishchevykh produktov, bogatykh belkami, na vneshnesekretornuyu funktsiiu podzheludochnoi zhelezy. Vop Pitan 29:3-7, Jan-Feb 70 (Rus)  
AMYLASE, secretion/ ANIMAL EXPERIMENTS/ BICARBONATES, secretion/ CHYMOTRYPSIN, secretion/ \*DIETARY PROTEINS, metabolism/ DOGS/ EGG WHITE/ EGG YOLK/ ENGLISH ABSTRACT/ FISH PRODUCTS/ MEAT, standards/ MILK, metabolism/ PANCREAS, physiology/ \*PANCREAS, secretion/ \*PANCREATIC JUICE/ PEPTIDE HYDROLASES, secretion
- ADULT/ BLOOD COAGULATION DISORDERS, etiology/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, analysis/ FEMALE/ FIBRINOGEN, analysis/ \*GANGRENE, etiology/ HUMAN/ HYPOTENSION, etiology/ LEG/ \*PNEUMOCOCCAL INFECTIONS, complications/ PURPURA, etiology/ PURPURA, pathology/ \*SEPTICEMIA, complications/ SKIN, pathology
6215. Straatsma GW, Bekele T, Vaitkevicius VK: Disseminated intravascular coagulation in a patient with metastatic adenocarcinoma of the rectum.  
Alaska Med 11:113-6, Sep 69  
\*ADENOCARCINOMA, complications/ ADULT/ \*BLOOD COAGULATION DISORDERS, complications/ HUMAN/ LYMPHATIC METASTASIS/ MALE/ NEOPLASM METASTASIS/ \*RECTAL NEOPLASMS, complications
6216. Strani GF, Piovano PB, Pippione M: Casus pro diagnosi: lesioni vegetanti angiomatose multiple dell'arto inferiore. G Ital Derm 45:483-5, Aug 70 (Ita)  
AGED/ FEMALE/ \*FOOT/ \*HEMANGIOMA, diagnosis/ HUMAN/ \*LEG/ \*LEIOMYOMA, diagnosis
6217. Strashinin AI, Evdokimov NM, Ziydnikov DM: Pokazateli gemostaza pri lucheovom lechenii raka legkogo. Med Radiol (Moskva) 15:6-8, Mar 70 (Rus)  
BLOOD CELL COUNT/ \*BLOOD COAGULATION, radiation effects/ \*BLOOD COAGULATION FACTORS, radiation effects/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FIBRINOLYSIS, radiation effects/ HUMAN/ \*LUNG NEOPLASMS, radiotherapy/ \*RADIATION EFFECTS
6218. Straub FW: Intravascular coagulation in acute hepatic necrosis. Lancet 760:1339-40, 20 Jun 70  
\*BLOOD COAGULATION DISORDERS/ FACTOR VIII/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ \*LIVER DISEASES, blood/ NECROSIS, blood
6219. Straub FW: Therapie der Hämophilie.  
Deutsch Med Wschr 94:1885-7, 12 Sep 69 (Ger)  
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, diagnosis/ CHRISTMAS DISEASE, drug therapy/ \*CHRISTMAS DISEASE, therapy/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, administration & dosage/ FACTOR VIII, physiology/ FACTOR IX, administration & dosage/ FACTOR IX, physiology/ HEMOPHILIA, diagnosis/ HEMOPHILIA, drug therapy/ \*HEMOPHILIA, therapy/ HUMAN/ INJECTIONS, INTRAVENOUS
6220. Strausbauch PH, Fischer EH: Structure of the binding site of pyridoxal 5'-phosphate to Escherichia coli glutamate decarboxylase.  
Biochemistry (Wash) 9:233-8, 20 Jan 70  
ALKALINE PHOSPHATASE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BENZOATES/ BINDING SITES/ BORON COMPOUNDS/ \*CARBOXY-LYASES/ CARBOXY-LYASES, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ESCHERICHIA COLI, enzymology/ FLUORESCENCE/ FREEZE DRYING/ GEL FILTRATION/ GLUTAMATES/ HYDROGEN-ION CONCENTRATION/ METHODS/ PEPTIDES, analysis/ \*PEPTIDES, isolation & purification/ \*PYRIDOXAL PHOSPHATE/ SERINE, analysis/ SPECTROPHOTOMETRY/ SULFHYDRYL COMPOUNDS, analysis/ SULFIDES/ SULFONIC ACIDS/ TRYPSIN/ ULTRAVIOLET RAYS
6221. Strausbauch PH, Fischer EH: Chemical and physical properties of Escherichia coli glutamate decarboxylase.  
Biochemistry (Wash) 9:226-33, 20 Jan 70  
ALKYLATION/ AMINO ACID SEQUENCE/
6214. Stossel TP, Levy R: Intravascular coagulation associated with pneumococcal bacteremia and symmetrical peripheral gangrene.  
Arch Intern Med (Chicago) 125:876-8, May 70



## AUTHOR SECTION

- AMINO ACIDS, analysis/ \*CARBOXY-LYASES/  
CARBOXY-LYASES, analysis/  
CARBOXYPEPTIDASES/ CHEMISTRY/  
DETERGENTS/ DIFFUSION/  
ELECTROPHORESIS/ ESCHERICHIA COLI,  
enzymology/ GLUTAMATES/ GUANIDINES/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ MOLECULAR WEIGHT/  
PEPTIDES, analysis/ PROTEIN  
DENATURATION/ PYRIDOXAL PHOSPHATE,  
analysis/ SULFHYDRYL COMPOUNDS,  
analysis/ SULFURIC ACIDS/ TRYPSIN/  
ULTRACENTRIFUGATION
6222. Strauss D, Raderecht HJ: Über biochemische Kriterien der Haltbarkeit von Testerythrozyten während der Lagerung bei 4 degrees C in einem phosphat- und nukleosidhaltigen Medium.  
Z Ges Inn Med 24:897-902, 15 Dec 69 (Ger)  
ADENOSINE TRIPHOSPHATE/  
BIOCHEMISTRY/ \*BLOOD PRESERVATION/  
CHROMIUM ISOTOPES/ \*ERYTHROCYTES/  
\*FREEZING/ HUMAN/ NUCLEOSIDES/  
PHOSPHATES/ TIME FACTORS
6223. Strauss D, Raderecht HJ: Über die Verwendung zitratarmer Stabilisatoren für die Blutkonservierung.  
Z Ges Inn Med 24:841-4, 1 Dec 69 (Ger)  
\*BLOOD PRESERVATION/ BLOOD  
TRANSFUSION/ \*CITRATES/ ENGLISH  
ABSTRACT/ ERYTHROCYTE AGING/  
ERYTHROCYTES, drug effects/  
HEMOGLOBINOMETRY/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
OSMOSIS/ POTASSIUM, blood
6224. Strauss D, Roigas H, Raderecht HJ: Sechswöchige Lagerung von Erythrozytenresuspensionen und Erythrozytenkonzentrat.  
Z Ges Inn Med 24:891-6, 15 Dec 69 (Ger)  
ADENOSINE TRIPHOSPHATE, analysis/  
BIOCHEMISTRY/ BLOOD DONORS/ \*BLOOD  
PRESERVATION/ CHROMIUM ISOTOPES/  
CITRATES/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES/ HEMOGLOBINOMETRY/  
HUMAN/ OSMOSIS/ POTASSIUM, analysis/  
\*SUSPENSIONS/ TIME FACTORS
6225. Strauss HS: Problems related to anticoagulants in hemophiliacs. Bibl Haemat 34:149-53, 1970  
ADOLESCENCE/ ADULT/ ANTIBODIES/  
\*ANTICOAGULANTS, blood/ ANTIGENS/  
BLOOD TRANSFUSION, adverse effects/  
CHILD/ CHILD, PRESCHOOL/ EXCHANGE  
TRANSFUSION/ FACTOR VIII/ FACTOR VIII,  
antagonists & inhibitors/ FACTOR VIII,  
therapeutic use/ FACTOR IX/ \*HEMOPHILIA/  
HEMOPHILIA, immunology/ HEMOPHILIA,  
mortality/ HUMAN/ INFANT/ MALE
6226. Streiff F, Genetet B, Neimann N, et al: Un nouveau cas de purpura thrombopénique néo-natal par allo-immunisation leucoplaquettaire foeto-maternelle.  
Nouv Rev Franc Hemat 10:401-8, May-Jun 70 (Fre)  
ANTIBODIES, analysis/ BLOOD CELL COUNT/  
\*BLOOD PLATELETS, immunology/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/  
IMMUNIZATION/ INFANT, NEWBORN/  
\*INFANT, NEWBORN, DISEASES, etiology/  
\*LEUKOCYTES, immunology/ MALE/  
MATERNAL-FETAL EXCHANGE/  
PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/  
PURPURA, THROMBOPENIC, blood/  
\*PURPURA, THROMBOPENIC, etiology/  
PURPURA, THROMBOPENIC, therapy
6227. Strevey TE, Park BS, Thomas PA: Delayed repair of the ruptured left bronchus. A case report with determination of pulmonary surfactant.  
J Thorac Cardiovasc Surg 59:638-41, May 70  
ACCIDENTS, TRAFFIC/ ADULT/ BIOPSY/  
\*BRONCHI, injuries/ BRONCHIAL DISEASES,  
surgery/ BRONCHOGRAPHY/  
BRONCHOSCOPY/ CONTUSIONS/  
HEMATOMA/ HUMAN/ LUNG, pathology/  
MALE/ RUPTURE/ \*SURFACE TENSION/  
THORACIC INJURIES, complications/ TIME  
FACTORS
6228. Strickland EH, Horwitz J, Billups C: Fine structure in the near ultraviolet circular dichroism and absorption spectra of tryptophan derivatives and chymotrypsinogen A at 77 degrees K. UCLA 12-724.  
US AEC UCLA Sch Med Lab Nucl Med 85-6, 30 Jun 69  
CHEMISTRY/ MICROSCOPY, ELECTRON/  
\*PEPTIDE PEPTIDOHYDROLASES/  
\*SPECTRUM ANALYSIS/ \*TRYPTOPHAN
6229. Striegler E, Torkzadeh I, Krone HA: Zur Therapie der Fruchtwasserembolie.  
Geburtsh Frauenheilk 29:725-8, Aug 69 (Ger)  
ADULT/ \*EMBOLISM, AMNIOTIC FLUID,  
drug therapy/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, therapeutic use/ PLASMA  
SUBSTITUTES, therapeutic use/ PREGNANCY
6230. Striegler G: Antikoagulanzen. 43.  
Pharm Prax 12:279-87, Dec 69 (97 ref.) (Ger)  
\*ANTICOAGULANTS, adverse effects/  
\*ANTICOAGULANTS, therapeutic use/  
BISHYDROXYCOUMARIN, therapeutic use/  
BLOOD COAGULATION, drug effects/  
COUMARINS, pharmacodynamics/ COUMARINS,  
therapeutic use/ HEPARIN,  
pharmacodynamics/ HEPARIN,  
therapeutic use/ HEPARINOID,  
pharmacodynamics/ HEPARINOID, therapeutic  
use/ HUMAN/ LEVULINIC ACID, therapeutic  
use/ MAGNESIUM, therapeutic use/  
NEODYMIUM, therapeutic use/ NICOTINIC  
ACID, therapeutic use/ PHENINDIONE,  
pharmacodynamics/ PHENINDIONE, therapeutic  
use/ PRASEODYMIUM, therapeutic use/  
REVIEW/ \*VASCULAR DISEASES, drug  
therapy
6231. Strode WS: Unexpected complications of radical prostatectomy. Surg Clin N Amer 50:387-93, Apr 70  
AGED/ BLADDER FISTULA, etiology/  
HEMATOMA, etiology/ HEMORRHAGE,  
GASTROINTESTINAL, etiology/ HUMAN/  
MALE/ MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ \*PROSTATECTOMY,  
adverse effects/ SURGICAL WOUND  
DEHISCENCE, complications/ SURGICAL  
WOUND INFECTION/ URETER, injuries/  
URETERAL OBSTRUCTION, etiology
6232. Ströder J, Mingers A: Einfluss der Peritonealdialyse auf bestimmte Parameter der Blutgerinnung.  
Mschr Kinderheilk 117:357-60, Apr 69 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
FACTORS, analysis/ CALCIUM, blood/  
CREATININE, analysis/ FEMALE/  
GLOMERULONEPHRITIS, complications/  
\*GLOMERULONEPHRITIS, physiopathology/  
HEMORRHAGIC DIATHESIS, etiology/  
\*HEMORRHAGIC DIATHESIS, therapy/  
HUMAN/ MALE/ MIDDLE AGE/ NEPHROTIC  
SYNDROME, complications/ \*NEPHROTIC  
SYNDROME, physiopathology/ \*PERITONEAL  
DIALYSIS/ PYELONEPHRITIS,  
physiopathology/ THROMBELASTOGRAPHY/  
UREMIA, complications/ \*UREMIA,  
physiopathology/ URIC ACID, analysis
6233. Ströder J, Mingers A: Über medikamentöse Beeinflussung bestimmter Laboratoriumsgrößen bei Hepatitis infektiosa des Kindes.  
Mschr Kinderheilk 117:453-8, Jun 69 (Ger)  
ADOLESCENCE/ ALANINE  
AMINOTRANSFERASE, blood/ BILIRUBIN,  
blood/ CHILD/ CHILD, PRESCHOOL/  
CLINICAL RESEARCH/ FACTOR VII,  
analysis/ FEMALE/ GAMMA GLOBULIN,  
therapeutic use/ HEPATITIS, INFECTIOUS,  
blood/ \*HEPATITIS, INFECTIOUS, drug  
therapy/ HUMAN/ MALE/ \*METHENOLONE,  
therapeutic use/ \*PENICILLIN, therapeutic  
use/ \*PREDNISONE, therapeutic use/  
PROPICILLIN, therapeutic use/  
PROTHROMBIN, analysis/ \*VITAMIN B  
COMPLEX, therapeutic use/ VITAMIN E,  
therapeutic use
6234. Strong JP, McGill HC Jr: The pediatric aspects of atherosclerosis.



# AUTHOR SECTION

- J Atheroscler Res 9:251-65, May-Jun 69  
ADOLESCENCE/ ADULT/ AFRICA,  
SOUTHERN/ AGE FACTORS/ AORTA,  
pathology/ ARTERIOSCLEROSIS, occurrence/  
\*ARTERIOSCLEROSIS, pathology/  
ARTERIOSCLEROSIS, prevention & control/  
CHILD/ CHILE/ CORONARY VESSELS,  
pathology/ COSTA RICA/ ETHNIC GROUPS/  
FATTY STREAK, ARTERIAL, pathology/  
FEMALE/ GUATEMALA/ HUMAN/  
LOUISIANA/ MALE
6235. Strukova SM, Baskova IP, Suchkova SN: Vlivanie autoprothrombina C na protsess trombinogeneza v normal'noi plazme i plazme, lishennoi faktora XII. Biokhimiia 34:816-23, Jul-Aug 69 (Rus)  
BLOOD COAGULATION, drug effects/  
\*BLOOD COAGULATION DISORDERS, blood/  
CATTLE/ ENGLISH ABSTRACT/ \*FACTOR VII, pharmacodynamics/ \*FACTOR IX, pharmacodynamics/ \*FACTOR XII, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ \*THROMBIN, biosynthesis/ TIME FACTORS
6236. Strumia MM, Strumia PV, Eusebi AJ: The preservation of blood for transfusion. VII. Effect of adenine and inosine on the adenosine triphosphate and viability of red cells when added to blood stored from zero to seventy days at 1 degree C. J Lab Clin Med 75:244-9, Feb 70  
\*ADENINE, pharmacodynamics/ \*ADENOSINE TRIPHOSPHATE, blood/ BLOOD DONORS/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CITRATES, pharmacodynamics/ \*ERYTHROCYTES, analysis/ GLUCOSE, pharmacodynamics/ HUMAN/ METHODS/ \*NUCLEOSIDES, pharmacodynamics/ REFRIGERATION/ TIME FACTORS
6237. Strumia PV, Strumia MM: Preservation of blood in acid-citrate-dextrose anticoagulant solution for more than twenty-one days. Comparison of four solutions. Amer J Clin Path 52:671-8, Dec 69  
ADENINE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, blood/ \*ANTICOAGULANTS, pharmacodynamics/ BILIRUBIN, blood/ \*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ ERYTHROCYTE AGING, drug effects/ GLUCOSE, pharmacodynamics/ HEMOGLOBIN, analysis/ HUMAN/ IN VITRO/ OSMOTIC FRAGILITY, drug effects/ \*PLASMA SUBSTITUTES, pharmacodynamics/ TIME FACTORS
6238. Strupczewska-Januszowa H: Wstepne badania nad oznaczaniem metoda plytkowa poziomow biologicznie czynnej rifampicyny. Gruzlica 38:542-4, 1970 (Pol)  
ANIMAL EXPERIMENTS/ BACTERIOLOGICAL TECHNIQS/ \*BLOOD PLATELETS, metabolism/ HUMAN/ \*MYCOBACTERIUM, metabolism/ \*RIFOMYCIN, pharmacodynamics/ SARCINA, drug effects/ SHEEP/ TUBERCULOSIS, therapy
6239. Stryhal F, Sosna A: Therapie der Hamangiomatose. Z Orthop 106:626-30, Jul 69 (Ger)  
\*ACETABULUM/ ADULT/ BONE NEOPLASMS, diagnosis/ \*BONE NEOPLASMS, surgery/ BONE REGENERATION/ \*BONE RESORPTION/ DIAGNOSIS, DIFFERENTIAL/ \*FEMORAL NEOPLASMS, surgery/ \*HEMANGIOMA, surgery/ \*HIP JOINT/ HUMAN/ MALE/ SARCOMA, OSTEOGENIC, diagnosis
6240. Stuart RK: Platelet function studies in human beings receiving 300 mg. of aspirin per day. J Lab Clin Med 75:463-71, Mar 70  
ADULT/ ASPIRIN, administration & dosage/ \*ASPIRIN, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ \*CELL AGGREGATION, drug effects/ COLLAGEN, antagonists & inhibitors/ COLLAGEN, pharmacodynamics/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ SALICYLATES, blood/ THROMBOSIS, etiology/ TIME FACTORS
6241. Stuchlikova E, Jelinkova M, Smrz M: Chemical contraction and relaxation of tail tendon collagen after heparin administration in rats of different ages. Life Sci 8:57-64, 1 Jan 69  
ADRENAL GLANDS, drug effects/ \*AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ \*COLLAGEN, physiology/ \*HEPARIN, pharmacodynamics/ INJECTIONS, INTRAMUSCULAR/ LIVER, drug effects/ MODELS, BIOLOGIC/ MODELS, CHEMICAL/ ORGAN WEIGHT/ RATS/ TAIL, physiology/ \*TENDONS, drug effects
6242. Stuchliková E, Ježková Z, Soukupová K, et al: Complement fixing anti-heparin antibodies in human serum in relationship to age, arteriosclerosis, lipid disorders and neoplastic diseases. Geront Clin (Basel) 12:186-92, 1970  
ADULT/ AGE FACTORS/ AGED/ \*ANTIBODIES, analysis/ \*ANTIGEN-ANTIBODY REACTIONS/ ARTERIOSCLEROSIS, blood/ \*ARTERIOSCLEROSIS, immunology/ COMPLEMENT FIXATION TESTS/ FEMALE/ \*HEPARIN/ HUMAN/ \*LIPIDS, metabolism/ MALE/ MIDDLE AGE/ NEOPLASMS, blood/ \*NEOPLASMS, immunology
6243. Stucke K, Kahlert F: Morphologische Studien zur Kryochirurgie der Leber. Acta Hepatosplen (Stuttgart) 16:311-24, Sep-Oct 69 (Ger)  
ANIMAL EXPERIMENTS/ BILE DUCTS, INTRAHEPATIC, pathology/ CONNECTIVE TISSUE CELLS/ \*CRYOGENIC SURGERY/ ELECTROSURGERY/ ENGLISH ABSTRACT/ HEMOSTASIS/ LEUKOCYTES/ \*LIVER, pathology/ \*LIVER, surgery/ LIVER REGENERATION/ NECROSIS, pathology/ RABBITS/ TIME FACTORS
6244. Stuckey RJ, Wolf P: Diffusion characteristics of human plasminogen (as shown by two agar diffusion techniques). Thromb Diath Haemorrh 22:240-50, 15 Nov 69  
FIBRINOLYSIS/ GAMMA GLOBULIN/ \*GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ \*PLASMINOGEN, isolation & purification/ STREPTOKINASE
6245. Stupells I, Stanaite N, Petkivichene P, et al: Prikladnye aspekty prognozirovaniia infarkta miokarda. Kardiologiya 9:40-7, Dec 69 (Rus)  
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MATHEMATICS/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PROGNOSIS
6246. Sturgeon P, Hill MK, Kwak KS: A fully automated method for immunochemical quantitation by passive hemolysis inhibition. Immunochemistry 6:689-97, Sep 69  
ANIMAL EXPERIMENTS/ ANTIGENS, analysis/ \*AUTOANALYSIS/ CERULOPLASMIN, analysis/ ERYTHROCYTES/ FERRITIN, analysis/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ GUINEA PIGS/ \*HEMOLYSIS/ HUMAN/ IMMUNOCHEMISTRY/ INSULIN, analysis/ MASS SCREENING/ SHEEP/ TRANSFERRIN, analysis
6247. Stüttgen G: Grundlagen und Klinik allergischer Dermatosen. Allerg Asthmaforsch 5:15-227, 1969 (Ger)  
ADJUVANTS, IMMUNOLOGIC/ ALLERGENS/ ANAPHYLAXIS, immunology/ ANTIBODIES, classification/ ANTIBODY FORMATION/ ANTIGENS/ AUTOANTIBODIES/ \*DERMATITIS, ATOPIC/ DERMATITIS, CONTACT, immunology/ DERMATITIS, CONTACT, pathology/ DESENSITIZATION/ HYPERSENSITIVITY, immunology/ HYPERSENSITIVITY, DELAYED, immunology/ IMMUNE TOLERANCE/ IMMUNOLOGIC



# AUTHOR SECTION

- DEFICIENCY SYNDROMES, immunology/  
LYMPHOCYTE TRANSFORMATION/  
LYMPHOCYTES, immunology/ MYCOSES,  
immunology/ NEURODERMATITIS,  
immunology/ PASSIVE CUTANEOUS  
ANAPHYLAXIS/ PHOTSENSITIZATION/  
PRECIPITIN TESTS/ REVIEW/  
SHWARTZMAN PHENOMENON/ SKIN TESTS/  
TRANSPLANTATION IMMUNOLOGY/  
VASCULAR DISEASES, immunology
6248. Stüttgen G: Grundlagen und Klinik allergischer Dermatosen.  
Allerg Asthmaforsch 5:15-227, 1969 (Ger)  
ADJUVANTS, IMMUNOLOGIC/ ALLERGENS/  
ANAPHYLAXIS, immunology/ ANTIBODIES,  
classification/ ANTIBODY FORMATION/  
ANTIGENS/ AUTOANTIBODIES/  
\*DERMATITIS, ATOPIC/ DERMATITIS,  
CONTACT, immunology/ DERMATITIS,  
CONTACT, pathology/ DESENSITIZATION/  
HYPERSENSITIVITY, immunology/  
HYPERSENSITIVITY, DELAYED, immunology/  
IMMUNE TOLERANCE/ LYMPHOCYTE  
TRANSFORMATION/ LYMPHOCYTES,  
immunology/ MYCOSES, immunology/  
NEURODERMATITIS, immunology/ PASSIVE  
CUTANEOUS ANAPHYLAXIS/  
PHOTSENSITIZATION/ PRECIPITIN TESTS/  
REVIEW/ SHWARTZMAN PHENOMENON/  
SKIN TESTS/ TRANSPLANTATION  
IMMUNOLOGY/ VASCULAR DISEASES,  
immunology
6249. Stüttgen G, Gligl I, Harth P: Zur Verteilung und Hemmung esterolytischer Dermoproteinasen beim Menschen. Arch Klin Exp Derm 235:9-15, 1969 (Ger)  
ACETIC ACIDS/ ANIMAL EXPERIMENTS/  
ARGININE/ ENGLISH ABSTRACT/ ESTERS/  
GUINEA PIGS/ HISTOCYTOCHEMISTRY/  
HUMAN/ \*IMMUNE SERUMS,  
pharmacodynamics/ MONKEYS/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
\*PEPTIDE HYDROLASES, metabolism/  
\*PSORIASIS, enzymology/ \*SKIN, enzymology/  
\*SKIN NEOPLASMS, enzymology/ TISSUE  
EXTRACTS/ TYROSINE
6250. Stüttgen G, Leipnitz EM, Sya R, et al: Zur Erfassung biogener Amine in tierischer und menschlicher Haut sowie deren Tumoren mit dünnsschichtchromatographischer Methodik (nach Seiler). 3. 5-Hydroxytryptamin (Serotonin) Arch Klin Exp Derm 235:1-8, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, analysis/ \*CHROMATOGRAPHY,  
THIN LAYER/ COMPARATIVE STUDY/  
ENGLISH ABSTRACT/ GUINEA PIGS/  
HUMAN/ METHODS/ PERCHLORIC ACIDS/  
PHENETHYLAMINES, analysis/ \*SEROTONIN,  
analysis/ \*SKIN, analysis/ \*SKIN DISEASES,  
metabolism/ \*SKIN NEOPLASMS, metabolism/  
SPECTROPHOTOMETRY
6251. Stüttgen G, Richter S, Ollig D: Schwund biogener Amine in menschlichen Hautomogenisaten nach Einwirkung von alpha-Chymotrypsin. Derm Mschr 155:798-801, 1969 (Ger)  
\*AMINES, analysis/ ANIMAL EXPERIMENTS/  
AUTOLYSIS/ CHROMATOGRAPHY, THIN  
LAYER/ \*CHYMOTRYPSIN,  
pharmacodynamics/ ENGLISH ABSTRACT/  
GUINEA PIGS/ HUMAN/ PEPTIDE  
HYDROLASES/ PROTEIN HYDROLYSATES/  
\*SKIN, analysis/ SKIN, drug effects/ TISSUE  
CULTURE
6252. Suciu I, Vitebschi V, Suciu A: Modifications dans l'activité des centres phagocyto-stimulateurs de l'hypothalamus et de la fibrinolysine dans la silicose. Med Lavoro 59:287-93, Apr 68 (Fre)  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
HUMAN/ \*HYPOTHALAMUS, physiopathology/  
INFECTION/ LEAD POISONING,  
physiopathology/ MERCURY POISONING,  
physiopathology/ \*PHAGOCYTOSIS/  
POISONING, physiopathology/  
RETICULOENDOTHELIAL SYSTEM,  
physiopathology/ \*SILICOSIS, physiopathology
6253. Suemasu K, Ishikawa S: Inhibitive effect of heparin and dextran sulfate on experimental pulmonary metastases. Gann 61:125-30, Apr 70  
ADRENAL GLAND NEOPLASMS, drug  
therapy/ ANIMAL EXPERIMENTS/ BLOOD  
CHEMICAL ANALYSIS/ \*DEXTRAN,  
therapeutic use/ ELECTROPHORESIS/ HEART  
NEOPLASMS, drug therapy/ \*HEPARIN,  
therapeutic use/ INJECTIONS,  
INTRAVENOUS/ KIDNEY NEOPLASMS, drug  
therapy/ LUNG, analysis/ \*LUNG  
NEOPLASMS, drug therapy/ MALE/  
\*NEOPLASM METASTASIS/ RATS/  
SULFATES
6254. Suemasu K, Mittazawa Y, Ishikawa S: [Inhibition of blood-borne metastasis of malignant tumors] Saishin Igaku 24:2182-6, Oct 69 (Jap)  
ADRENAL GLAND NEOPLASMS/ ANIMAL  
EXPERIMENTS/ \*DEXTRAN, therapeutic use/  
HEART NEOPLASMS/ \*HEPARIN, therapeutic  
use/ KIDNEY NEOPLASMS/ LUNG  
NEOPLASMS/ MALE/ \*NEOPLASM  
METASTASIS, prevention & control/  
NEOPLASMS, EXPERIMENTAL/ RATS/  
SULFURIC ACIDS, therapeutic use
6255. Suga S: Histochemical observation of proteolytic enzyme activity in the developing dental hard tissues of the rat. Arch Oral Biol 15:555-8, Jun 70  
\*AMELOBLASTS, enzymology/  
AMELOGENESIS/ ANIMAL EXPERIMENTS/  
DENTINOGENESIS/ \*HISTOCYTOCHEMISTRY/  
\*ODONTOBLASTS, enzymology/ \*PEPTIDE  
HYDROLASES, biosynthesis/ RATS/ TOOTH  
GERM, enzymology
6256. Suga Y, Furusawa S, Nomura T: Quantitative estimation of bleeding in organs of laboratory animals. A new method and its application to the study on the effect of hemostatic agents. Acta Haemat Jap 32:377-83, Jun 69  
ANIMAL EXPERIMENTS/ CHROMIUM  
ISOTOPES, metabolism/ EAR, analysis/  
ENGLISH ABSTRACT/ \*HEMORRHAGE/  
\*HEMOSTATICS/ INTESTINES, analysis/ IRON  
ISOTOPES, metabolism/ KIDNEY, analysis/  
LEG, analysis/ LIVER, analysis/ LUNG,  
analysis/ MALE/ MYOCARDIUM, analysis/  
RATS/ SPLEEN, analysis
6257. Sugar HS, Fishman GR, Kobernick S, et al: Orbital hemangiopericytoma or vascular meningioma? Amer J Ophthal 70:103-9, Jul 70  
ADULT/ DIAGNOSIS, DIFFERENTIAL/  
FUNDUS OCULI/ \*HEMANGIOPERICYTOMA,  
diagnosis/ HEMANGIOPERICYTOMA,  
pathology/ HUMAN/ MALE/ \*MENINGIOMA,  
diagnosis/ MENINGIOMA, pathology/  
\*ORBITAL NEOPLASMS, diagnosis/ ORBITAL  
NEOPLASMS, pathology/ RETINITIS,  
complications/ STAINS AND STAINING/  
VISUAL FIELDS
6258. Sugerman HJ, Davidson DT, Vibul S, et al: The basis of defective oxygen delivery from stored blood. Surg Gynec Obstet 131:733-41, Oct 70  
BLOOD BANKS/ \*BLOOD PRESERVATION/  
BLOOD TRANSFUSION/ CITRATES/  
ERYTHROCYTES, analysis/ GLUCOSE/  
\*GLYCEROPHOSPHATES, blood/ HUMAN/  
NUCLEOSIDES, administration & dosage/  
\*OXYGEN, blood/ OXYGEN CONSUMPTION/  
PARTIAL PRESSURE/ PHOSPHATES,  
administration & dosage/ PYRUVATES,  
administration & dosage/ REGENERATION/  
VEINS
6259. Sugie I, Ikai M, Ozio M, et al: Studies on the interaction between streptokinase and fibrinolytic precursor human blood applying gel filtration. Nagoya Med J 15:103-12, Jul 69  
ADULT/ FIBRINOLYSIS/ \*FIBRINOLYSIS/  
GEL FILTRATION/ HUMAN/ IMMUNE  
SERUMS/ SERUM GLOBULINS/  
\*STREPTOKINASE, blood/ TIME FACTORS
6260. Sugimoto T, Doi Y: [Systemic effect of pelvic fracture] Surg Ther (Osaka) 21:705-11, Dec 69 (Ja)  
ACID-BASE EQUILIBRIUM/ ADULT/ AGED/



# AUTHOR SECTION

BLOOD COAGULATION/ BLOOD GAS  
ANALYSIS/ ELECTROLYTES, blood/  
FEMALE/ \*FRACTURES, blood/  
HEMATOCRIT/ HUMAN/ LACTATES, blood/  
MALE/ \*PELVIC BONES, injuries/ REGIONAL  
BLOOD FLOW

6261. Sugita A, Shimoda S: [Thyroid protein splitting activities of pronase]  
Clin Endocr (Tokyo) 17:997-1000, Dec 69 (Jap)  
ANIMAL EXPERIMENTS/ \*PEPTIDE  
HYDROLASES, physiology/ RATS/ \*THYROID  
GLAND, enzymology
6262. Sugiura M, Ogiso T, Chen FS, et al: [Studies on separate determination of enzymes. 3. On the separate determination of alpha-chymotrypsin and bromelain (studies on enzyme preparations. XLIX)]  
J Pharm Soc Jap 89:1440-5, Oct 69 (Jap)  
\*BROMELAINS, analysis/ BROMELAINS,  
metabolism/ CASEIN/ \*CHYMOTRYPSIN,  
analysis/ CHYMOTRYPSIN, metabolism/  
ENGLISH ABSTRACT/ TIME FACTORS
6263. Sukhomlinov BF, Makovetskii MI: Vplyv ionizuiuchoi radiatsii na strukturu hemoglobinu shchuriv.  
Ukr Biokhim Zh 41:536-40, 1969 (Ukr)  
AMINO ACIDS, blood/ AMINO ACIDS,  
metabolism/ ANIMAL EXPERIMENTS/  
ENGLISH ABSTRACT/ GLOBINS, metabolism/  
HEMOGLOBIN, metabolism/ \*HEMOGLOBIN,  
radiation effects/ PEPTIDES, metabolism/  
\*RADIATION INJURY, EXPERIMENTAL,  
blood/ RATS/ TIME FACTORS/ TRYPSIN
6264. Sukhov VM: Izmenenie svertyvaemosti krovi u bol'nykh infli'trativno-pnevmonicheskimi tuberkulezom pod villaniem gemotransfuzii.  
Probl Tuberk 47:43-6, 1969 (Rus)  
ADULT/ \*BLOOD COAGULATION/ BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION FACTORS, analysis/ \*BLOOD  
TRANSFUSION/ ENGLISH ABSTRACT/  
HUMAN/ MIDDLE AGE/ TUBERCULOSIS,  
PULMONARY, complications/  
\*TUBERCULOSIS, PULMONARY, therapy
6265. Sukhova AG, Ordurova SV: Villanie neorganicheskogo fosfata, dobavlaemogo v konservant, na sodержanie adenoziintrifosfata v dliitel'no khranimoj konservirovannoi krovi.  
Probl Gemat 15:20-4, Mar 70 (Rus)  
\*ADENOSINE TRIPHOSPHATE, blood/ BLOOD,  
drug effects/ BLOOD, metabolism/ \*BLOOD  
PRESERVATION/ ENGLISH ABSTRACT/  
HUMAN/ METHODS/ \*PHOSPHATES,  
pharmacodynamics/ TIME FACTORS
6266. Sultan Y: La chirurgie chez l'hémophile.  
Bibl Haemat 34:182-6, 1970 (Fre)  
AMINOCAPROIC ACID, therapeutic use/  
ANTICOAGULANTS, blood/ BLOOD  
TRANSFUSION/ CORTISONE, therapeutic use/  
FACTOR VIII, therapeutic use/ FEMORAL  
FRACTURES, surgery/ FRACTURE  
FIXATION/ \*HEMOPHILIA/ HUMAN/ ILEUM,  
surgery/ INTESTINAL OBSTRUCTION,  
surgery/ MALE/ NEUROSURGERY/  
POSTOPERATIVE COMPLICATIONS,  
prevention & control/ \*SURGERY,  
OPERATIVE
6267. Sumida S, Tashiro T, Yoshinari M: [Present status and the future of frozen blood transfusion]  
Surg Ther (Osaka) 22:545-54, Mar 70 (Jap)  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ \*FREEZING/  
HEMOGLOBINURIA, etiology/ HEPATITIS,  
HOMOLOGOUS SERUM, etiology/ HUMAN
6268. Sumida S, Tashiro T, Yoshinari I: [Advances in preservation of frozen blood for transfusion]  
Shujutsu 24:472-84, Apr 70 (Jap)  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ \*FREEZING/ HEPATITIS,  
HOMOLOGOUS SERUM, occurrence
6269. Summers WA, Matsuoka T: Infectivity of Anaplasma marginale after long-term storage in bovine blood.  
Amer J Vet Res 31:1517-8, Aug 70
- \*ANAPLASMA, pathogenicity/ ANIMAL  
EXPERIMENTS/ \*BLOOD/ BLOOD  
PRESERVATION/ \*CATTLE/ CATTLE  
DISEASES/ COLD/ ERYTHROCYTES/  
SPECIMEN HANDLING/ TIME FACTORS/  
VIRULENCE
6270. Sun T, Gibson JB: Metabolic products of adult Clonorchis sinensis: their composition and antigenic potential. J Helminth 43:395-402, 1969  
AMYLASE, analysis/ ANIMAL EXPERIMENTS/  
ANTIGENS, analysis/ \*CARBOHYDRATES,  
analysis/ CULTURE MEDIA/ \*ESTERASES,  
analysis/ GALACTOSIDASE, analysis/ GEL  
DIFFUSION TESTS/ GLUCOSIDASE, analysis/  
\*HYDROLASES, analysis/ IMMUNE SERUMS/  
\*LIPASE, analysis/ NITROGEN, analysis/  
\*OPISTHORCHIS, analysis/ OPISTHORCHIS,  
enzymology/ OPISTHORCHIS, immunology/  
OPISTHORCHIS, metabolism/ \*PEPTIDE  
HYDROLASES, analysis/ PRECIPITIN TESTS/  
\*PROTEINS, analysis/ RABBITS/ SUCRASE,  
analysis
6271. Sunada T, Shimizu H, Kawai S, et al: [Effect of splenectomy on surgical blood incompetency]  
Surg Ther (Osaka) 21:261-70, Sep 69 (Jap)  
ADULT/ \*ANEMIA, APLASTIC, surgery/  
\*ANEMIA, HEMOLYTIC, CONGENITAL,  
surgery/ \*ANEMIA, SPLENIC, surgery/  
BILIRUBIN, blood/ BLOOD CELL COUNT/  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD PLATELETS/ CAPILLARY  
RESISTANCE/ CHILD/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ POSTOPERATIVE  
CARE/ PROGNOSIS/ \*PURPURA,  
THROMBOGENIC, surgery/ \*SPLENECTOMY/  
THROMBELASTOGRAPHY
6272. Sundaram K, Sonenberg M: Immunochemical studies of human growth hormone, ovine prolactin, bovine growth hormone and a tryptic digest of bovine growth hormone. J Endocr 44:517-22, Aug 69  
ANIMAL EXPERIMENTS/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
GEL DIFFUSION TESTS/ HUMAN/ IMMUNE  
SERUMS/ IMMUNOCHEMISTRY/  
IMMUNOELECTROPHORESIS/ \*PROLACTIN/  
RABBITS/ SHEEP/ \*SOMATOTROPIN/  
TRYPSIN
6273. Surianu P, Tragar S, Lenghel A: Comportarea elastazel, a antielastazel si a fractiunii la V-a enzimatic la bolnavii cu pancreatite cronice.  
Stud Cercet Med Intern 10:439-43, 1969 (Rum)  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
HUMAN/ \*INTESTINAL SECRETIONS,  
analysis/ MUCOPOLYSACCHARIDES, analysis/  
\*PANCREATITIS, enzymology/  
\*PANCREATOPEPTIDASE, analysis/  
\*PANCREATOPEPTIDASE, antagonists &  
inhibitors/ PANCREATOPEPTIDASE, blood/  
PEPTIDE HYDROLASES, analysis/  
PROTEINS, analysis
6274. Surovikina MS: Klinicheskaya sistema plazmy krovi u mlekopitaiushchikh.  
Usp Sovr Biol 68:35-54, Jul-Aug 69 (108 ref.) (Rus)  
ANIMAL EXPERIMENTS/ ENZYMES,  
metabolism/ HUMAN/ \*KALLIKREIN/  
\*KALLIKREIN-TRYPSIN INACTIVATOR/  
\*KININS, blood/ KININS, metabolism/  
MAMMALS/ REVIEW
6275. Suschke J, Foidenauer A: Resorption oral gegebener Heparinoides?  
Munchen Med Wschr 111:2517-9, 28 Nov 69 (Ger)  
ADMINISTRATION, ORAL/ AGED/ CHILD/  
CREATININE, urine/ GEL DIFFUSION  
TESTS/ HEPARINOID, administration &  
dosage/ \*HEPARINOID, metabolism/ HUMAN/  
\*INTESTINAL ABSORPTION/ MIDDLE AGE/  
MUCOPOLYSACCHARIDES, urine
6276. Sushkevich GN, Khnychev SS, Oivin VI: Znachenie izmenenii funktsional'nykh soistv kroviannykh plastinok, aktivnosti faktora XIII i kachestva fibrinovogo sgustka v patogeneze krovotochivosti pri eksperimental'noi C-vitaminnoi nedostatochnosti.  
Vop Pitani 28:23-7, Sep-Oct 69 (Rus)



# AUTHOR SECTION

- ANIMAL EXPERIMENTS/ \*ASCORBIC ACID DEFICIENCY, blood/ ASCORBIC ACID DEFICIENCY, complications/ BLOOD CELL COUNT/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, cytology/ BLOOD VOLUME/ ENGLISH ABSTRACT/ \*FACTOR XIII, physiology/ \*FIBRIN, physiology/ GUINEA PIGS/ PLATELET ADHESIVENESS/ TIME FACTORS
6277. Suter PE, Chatfield WR, Kotonya AO: The use of suction curettage in incomplete abortion. J Obstet Gynaec Brit Comm 77:464-6, May 70  
\*ABORTION, THERAPEUTIC/ ADHESIONS/ \*CURETTAGE/ EXTRACTION, OBSTETRICAL/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFECTION/ PREGNANCY
6278. Suvorova IA, Pafomov GA, Tal'skaia IN, et al: Otsenka zhiznesposobnosti eritrotsitov trupnoi krovi izotopnym metodom (Cr 51) Probl Gemat 15:26-8, Apr 70 (Rus)  
\*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ \*CADAVER/ CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ \*ERYTHROCYTES, physiology/ HUMAN/ METHODS
6279. Suyama T, Odashima S, Iga Y, et al: Thrombolytic effect of urokinase on artificial thrombi in vitro. Kobe J Med Sci 15:137-47, Sep 69  
FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ \*FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ IN VITRO/ STREPTOKINASE, administration & dosage/ \*THROMBOSIS, drug therapy
6280. Suzuki H, Li SC, Li YT: Alpha-galactosidase from Mortierella vinacea. Crystallization and properties. J Biol Chem 245:781-8, 25 Feb 70  
ACRYLATES/ AMMONIUM COMPOUNDS/ ANNELIDA/ BLOOD GROUPS/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ COLLAGEN/ CRYSTALLIZATION/ DRUG STABILITY/ ELECTROPHORESIS/ \*GALACTOSIDASE/ GALACTOSIDASE, analysis/ GALACTOSIDASE, antagonists & inhibitors/ GALACTOSIDASE, isolation & purification/ GEL FILTRATION/ GLUCOSAMINE, analysis/ GLYCOPROTEINS/ GLYCOSIDE HYDROLASES, analysis/ GLYCOSIDES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MERCURY/ METHODS/ OLIGOSACCHARIDES/ PEPTIDE HYDROLASES, analysis/ PEPTIDES/ \*PHYCOMYCETES, enzymology/ POLYSACCHARIDES/ PRECIPITATION/ RESINS/ SILVER/ SULFATES/ TEMPERATURE
6281. Suzuki H, Mikami K, Fujimaki M: [Influence of fibrinolysis on factor XIII assay] Jap J Clin Path 18:540-4, Aug 70 (Jap)  
BLOOD COAGULATION DISORDERS, diagnosis/ CYSTINE, pharmacodynamics/ \*FACTOR XIII, analysis/ FIBRINOGEN, pharmacodynamics/ FIBRINOLYSIN, pharmacodynamics/ \*FIBRINOLYSIS/ HUMAN/ THROMBIN, pharmacodynamics
6282. Suzuki T, Hayashi K, Gladner J: [Inactivation of bradykinin by cortisone-released protease preparation] Jap J Allerg 18:521-4, Jun 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BRADYKININ, metabolism/ \*CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ MALE/ \*PEPTIDE HYDROLASES/ RATS/ SKIN, enzymology
6283. Suzuki Y, Nagasawa S: [Enzyme chemistry of kinin releasing mechanism] J Jap Med Ass 63:913-20, 1 Apr 70 (Jap)  
FACTOR XII, pharmacodynamics/ FIBRINOLYSIN, physiology/ HUMAN/ KALLIKREIN, physiology/ \*KININS, secretion/ TRYPSIN, pharmacodynamics
6284. Svatý J: Hematologické komplikace při antiepileptické léčbě. (Přehled písemnictví a vlastní zkušenosti) Cesk Pediat 25:193-7, Apr 70 (Cze)  
ADOLESCENCE/ AGRANULOCYTOSIS, chemically induced/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, MACROCYTIC, chemically induced/ \*ANTICONSULSANTS, adverse effects/ BLOOD PLATELET DISORDERS, chemically induced/ ENGLISH ABSTRACT/ EPILEPSY, drug therapy/ \*HEMATOLOGIC DISEASES, chemically induced/ HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ LEUKOPENIA, chemically induced/ LYMPHATIC DISEASES, chemically induced/ LYMPHOSARCOMA, chemically induced/ MALE
6285. Svehla C, Ryšánek K, König J, et al: Der Einfluss von Glyvenol auf die Thrombozytenadhäsivität und einige Gerinnungsparameter. Int Z Klin Pharmacol Ther Toxik 2:226-8, Jul 69 (Ger)  
ADHESIVENESS/ ADULT/ AGED/ \*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ CORONARY DISEASE/ DIABETES MELLITUS/ ENGLISH ABSTRACT/ FEMALE/ \*GLYCOSIDES, pharmacodynamics/ HEART VALVE DISEASES/ HEPARIN, diagnostic use/ HUMAN/ INFARCTION/ LEUKEMIA, MYELOCYTIC/ LUNG, blood supply/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT/ PHLEBITIS/ SEPTICEMIA/ VARICOSE VEINS
6286. Svejgaard A: Complement-fixing platelet iso-antibodies. IV. A comparison of human, guinea-pig and rabbit complement. Vox Sang 17:224-9, Sep 69  
ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, immunology/ \*COMPLEMENT/ COMPLEMENT FIXATION TESTS/ ERYTHROCYTES, immunology/ GUINEA PIGS/ HEMOLYSIS/ HUMAN/ \*ISOANTIBODIES/ RABBITS/ SHEEP
6287. Svejgaard A: Complement-fixing platelet iso-antibodies. 3. Quantitation of the HL-A2 antigen on platelets. Vox Sang 17:112-28, Aug 69  
ANIMAL EXPERIMENTS/ \*ANTIGENS, analysis/ \*BLOOD PLATELETS, immunology/ BLOOD PRESERVATION/ COMPLEMENT FIXATION TESTS/ GENES/ GENETICS, HUMAN/ GUINEA PIGS/ HETEROZYGOE/ HUMAN/ \*ISOANTIBODIES, analysis
6288. Svejgaard A, Kissmeyer-Nielsen F: Complement-fixing platelet iso-antibodies. V. HL-A typing. Vox Sang 18:12-20, Jan 70  
\*BLOOD PLATELETS, immunology/ \*COMPLEMENT FIXATION TESTS/ GENETICS, HUMAN/ HISTOCOMPATIBILITY TESTING/ HUMAN/ \*ISOANTIBODIES/ LYMPHOCYTES, immunology
6289. Svejgaard A, Thorsby E, Hauge M, et al: Genetics of the HL-A system. A population and family study. Vox Sang 18:97-133, Feb 70  
ADOLESCENCE/ ADULT/ AGED/ ANTIGENIC DETERMINANTS/ \*BLOOD GROUPS/ BLOOD PLATELETS, immunology/ CHROMOSOME MAPPING/ COMPLEMENT FIXATION TESTS/ DENMARK/ ERYTHROCYTES, immunology/ FEMALE/ GENE FREQUENCY/ GENES, DOMINANT/ GENES, RECESSIVE/ GENETICS, POPULATION/ HUMAN/ IMMUNE SERUMS/ \*ISOANTIGENS, analysis/ LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ \*NOMENCLATURE/ NORWAY/ PHENOTYPE/ \*POPULATION SURVEILLANCE/ RECOMBINATION, GENETIC
6290. Sviridov AM, Nikitina VG: O primenenií antikoagulantov pri lechenii bol'nykh na domu. Voennomed Zh 8:83-4, Aug 69 (Rus)  
AGED/ \*ANTICOAGULANTS, therapeutic use/ \*CARDIOVASCULAR DISEASES, drug therapy/ FEMALE/ \*HOME CARE SERVICES/ HUMAN/ MALE/ MIDDLE AGE/ MILITARY MEDICINE/ USSR



## AUTHOR SECTION

6291. Svistunova TM: K voprosu o sostolani kostei posle luchevoi terapii gemangiom kozhi u detei. Vop Onkol 16:112-7, 1970 (Rus)  
\*BONE DISEASES, etiology/ ENGLISH  
ABSTRACT/ FOLLOW-UP STUDIES/  
\*HEMANGIOMA, radiotherapy/ HUMAN/  
INFANT/ INFANT, NEWBORN/ \*RADIATION  
INJURY/ \*RADIOTHERAPY, adverse effects/  
\*SKIN NEOPLASMS, radiotherapy
6292. Svistunova TM: Lechenie obshirnoi gemangiomy kozhi i podkozhnoi kletchatki pri sindrome Kazabakh-Merritt. Vop Onkol 16:123-4, Apr 70 (Rus)  
\*HEMANGIOMA, radiotherapy/ HUMAN/  
INFANT/ MALE/ METHODS/ \*PURPURA,  
THROMBOPENIC/ \*SKIN NEOPLASMS,  
radiotherapy/ THIGH
6293. Svoboda M, Fiala J: Vliv adipodonu na konzervovanou krv. Cesk Radiol 24:31-5, Jan 70 (Cze)  
\*BLOOD, drug effects/ BLOOD  
PRESERVATION/ ENGLISH ABSTRACT/  
ERYTHROCYTES, drug effects/ HEMOLYSIS,  
drug effects/ HUMAN/ \*IODIPAMIDE,  
pharmacodynamics/ PROTEIN BINDING, drug  
effects
6294. Swan CH, Williams JA, Cooke WT: Fibrinolysis in colonic disease. Gut 11:588-91, Jul 70  
ADULT/ AGED/ BLOOD COAGULATION  
TESTS/ CARCINOMA, surgery/ \*COLITIS,  
ULCERATIVE, blood/ COLITIS, ULCERATIVE,  
surgery/ \*COLONIC NEOPLASMS, blood/  
COLONIC NEOPLASMS, surgery/  
\*DIVERTICULOSIS, COLONIC, blood/  
DIVERTICULOSIS, COLONIC, surgery/  
\*ENTERITIS, REGIONAL, blood/ ENTERITIS,  
REGIONAL, surgery/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE  
AGE/ POSTOPERATIVE COMPLICATIONS/  
THROMBOPHLEBITIS, complications
6295. Swaney JB, Klotz IM: Amino acid sequence adjoining the lone tryptophan of human serum albumin. A binding site of the protein. Biochemistry (Wash) 9:2570-4, 23 Jun 70  
\*AMINO ACID SEQUENCE/ \*BINDING SITES/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ ELECTROPHORESIS, DISK/  
GEL FILTRATION/ HUMAN/ \*SERUM  
ALBUMIN, analysis/ TRYPSIN/  
\*TRYPTOPHAN
6296. Swash M, Earl CJ: Transient visual obscurations in chronic rheumatic heart-disease. Lancet 2:323-6, 15 Aug 70  
ADULT/ AGE FACTORS/ AGED/  
ANTICOAGULANTS, adverse effects/  
EMBOLISM, complications/ FEMALE/ HEART  
RATE/ HEART VALVE DISEASES,  
complications/ HUMAN/ MALE/ MIDDLE  
AGE/ \*RHEUMATIC HEART DISEASE,  
complications/ RHEUMATIC HEART DISEASE,  
physiopathology/ SEX FACTORS/ \*VISION  
DISORDERS, etiology
6297. Swedenborg J: Vasoactivity of adenine nucleotides released in vitro from blood cells by thrombin. Acta Physiol Scand 79:359-68, Jul 70  
\*ADENINE NUCLEOTIDES, secretion/ BLOOD  
PLATELETS, drug effects/ \*BLOOD  
PLATELETS, secretion/ \*ERYTHROCYTES,  
drug effects/ HUMAN/ IN VITRO/  
\*LEUKOCYTES, drug effects/ MALE/  
\*THROMBIN, pharmacodynamics
6298. Swerdlow DB, Finnerty U: Pelvic hematoma masquerading as rectal abscess: report of a case. Dis Colon Rectum 13:341-3, Jul-Aug 70  
\*ABSCESSES, diagnosis/ ADULT/ DIAGNOSIS,  
DIFFERENTIAL/ DRAINAGE/ FEMALE/  
\*HEMATOMA, diagnosis/ HEMATOMA,  
etiology/ HEMATOMA, surgery/  
\*HEMORRHAGE, POSTPARTUM, complications/  
HUMAN/ \*PELVIS/ PREGNANCY/ \*RECTAL  
DISEASES, diagnosis
6299. Sweterlitsch FR, Torg JS, Watts H: Malignant hemangioendothelioma of the cervical spine. A case report. J Bone Joint Surg [Brit] 52:805-8, Jun 70  
AGED/ BIOPSY/ CASE REPORT/ \*CERVICAL  
VERTEBRAE/ \*HEMANGIOENDOTHELIOMA/  
HEMANGIOENDOTHELIOMA, pathology/  
HUMAN/ MALE/ \*SPINAL NEOPLASMS/  
SPINAL NEOPLASMS, pathology
6300. Swinburne LM: Leucocyte antigens and placental sponge. Lancet 2:592-4, 19 Sep 70  
ANTIBODY FORMATION/  
ANTIGEN-ANTIBODY REACTIONS/ BLOOD  
GROUP INCOMPATIBILITY, immunology/  
ERYTHROBLASTOSIS, FETAL, immunology/  
FEMALE/ FIBRIN/ HUMAN/ KIDNEY  
GLOMERULUS, immunology/ \*LEUKOCYTES,  
immunology/ MATERNAL-FETAL EXCHANGE/  
\*PLACENTA, immunology/ PREGNANCY/  
PREGNANCY TOXEMIAS, immunology/ RH  
FACTORS
6301. Swislocki NI: In vitro metabolic effects of proteolytic digests of bovine growth hormone in adipose tissue. Metabolism 18:895-900, Nov 69  
\*ADIPOSE TISSUE, metabolism/ AMINO  
ACIDS, metabolism/ ANIMAL EXPERIMENTS/  
CARBON ISOTOPES/ CATTLE/  
CHROMATOGRAPHY/ GLUCOSE, metabolism/  
GLYCERIDES, metabolism/ GLYCERIN,  
metabolism/ HISTIDINE, metabolism/ IN  
VITRO/ LIPIDS, biosynthesis/ MALE/  
OXIDATION-REDUCTION/ PAPAIN,  
metabolism/ \*PEPTIDE HYDROLASES,  
metabolism/ PROTEINS, biosynthesis/ RATS/  
\*SOMATOTROPIN, pharmacodynamics/  
TRYPSIN, metabolism
6302. Swoboda W: Metabolische bedingte Skeleterkrankungen. Arch Atlas Norm Path Anat Typ Roentgenbild 78:141-64, 1969 (Ger)  
AMINO ACIDS/ ARTHROGRYPOSIS,  
radiography/ AVITAMINOSIS, complications/  
BONE DISEASES, DEVELOPMENTAL,  
etiology/ \*BONE DISEASES,  
DEVELOPMENTAL, metabolism/ \*BONE  
DISEASES, DEVELOPMENTAL, radiography/  
CHILD/ CHILD, PRESCHOOL/ DEFICIENCY  
DISEASES/ \*DEFICIENCY DISEASES,  
complications/ FEMALE/ HEART DISEASES,  
complications/ HEMORRHAGIC DIATHESIS,  
complications/ HUMAN/ HYPERCALCEMIA,  
complications/ INFANT/ KIDNEY DISEASES,  
complications/ LIVER DISEASES,  
complications/ LUNG DISEASES,  
complications/ MALABSORPTION  
SYNDROMES, complications/ MALE/  
\*METABOLISM, INBORN ERRORS,  
complications/ NERVOUS SYSTEM DISEASES,  
complications/ OSTEOPOROSIS, radiography/  
RICKETS, radiography/ RICKETS, RENAL,  
complications/ SCURVY, complications/  
SCURVY, radiography/ TUBEROUS  
SCLEROSIS, radiography/ VITAMIN D,  
metabolism
6303. Swoboda W: Knochenmark- und Bluterkrankungen mit Folgen für das Skelet. Arch Atlas Norm Path Anat Typ Roentgenbild 78:206-26, 1969 (Ger)  
ANEMIA, complications/ \*BONE DISEASES,  
etiology/ \*BONE DISEASES, radiography/  
\*BONE MARROW DISEASES, complications/  
CHILD/ CHILD, PRESCHOOL/ FEMALE/  
\*HEMATOLOGIC DISEASES, complications/  
HEMOPHILIA, complications/ HODGKIN'S  
DISEASE, complications/ HUMAN/  
LEUKEMIA, complications/ MALE/  
POLYCYTHEMIA, complications/  
RETICULOENDOTHELIOSIS, complications
6304. Swoboda W: Knochentumoren. Eine Auswahl. Arch Atlas Norm Path Anat Typ Roentgenbild 78:217-26, 1969 (Ger)  
ADOLESCENCE/ \*BONE NEOPLASMS,  
radiography/ CHILD/ CHILD, PRESCHOOL/  
CHONDROMA, radiography/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ FIBROMA,  
radiography/ FIBROUS DYSPLASIA OF BONE,  
diagnosis/ GIANT CELL TUMORS,  
radiography/ HEMANGIOEPERICYTOMA,  
radiography/ HUMAN/ INFANT/ MALE/



## AUTHOR SECTION

- NEUROBLASTOMA, radiography/  
NEUROFIBROMATOSIS, radiography/  
OSTEITIS FIBROSA CYSTICA, radiography/  
OSTEOMA, OSTEOID, radiography/ SARCOMA,  
EWING'S, radiography/ SARCOMA,  
OSTEOGENIC, radiography
6305. Sykes JA, Whitescarver J, Jernstrom P, et al: Some properties of a new epithelial cell line of human origin. *J Nat Cancer Inst* 45:107-22, Jul 70  
ADENOVIRUS/ AGED/ CARCINOMA,  
EPIDERMOID/ CELL LINE/ CERVIX  
NEOPLASMS/ COXSACKIE VIRUSES/  
CULTURE MEDIA/ \*CYTOGENETICS/  
\*CYTOPATHOGENIC EFFECT, VIRAL/ ECHO  
VIRUSES/ ENCEPHALOMYOCARDITIS  
VIRUSES/ EPITHELIUM/ FEMALE/ HELA  
CELLS/ HEMADSORPTION/ HERPESVIRUS  
HOMINIS/ HUMAN/ INCLUSION BODIES,  
VIRAL/ INFLUENZA VIRUSES/  
KARYOTYPING/ MEASLES VIRUS/  
MICROSCOPY, ELECTRON/ MICROSCOPY,  
PHASE CONTRAST/ MUMPS VIRUS/  
NEOPLASM METASTASIS/ NEWCASTLE  
DISEASE VIRUS/ OMENTUM/  
PARA-INFLUENZA VIRUSES/ PERITONEAL  
NEOPLASMS/ POLIOVIRUS/ TIME FACTORS/  
\*TISSUE CULTURE/ TRYPSIN/ VACCINIA  
VIRUS/ VESICULAR STOMATITIS VIRUS/  
VIRUS CULTIVATION
6306. Syllm-Rapoport I, al-Souri E, Hansch M, et al: Zur Verwendung von heparinisiertem Frischblut bei der Austauschtransfusion an Neugeborenen. Analysen von 1341 Austauschtransfusionen an 1194 Neugeborenen.  
*Z Aerztl Fortbild (Jena)* 63:970-8, 15 Sep 69 (Ger)  
ABNORMALITIES, complications/ BLOOD  
PROTEINS, analysis/ CITRATES/  
ELECTROLYTES, blood/  
\*ERYTHROBLASTOSIS, FETAL, therapy/  
\*EXCHANGE TRANSFUSION/ EXCHANGE  
TRANSFUSION, mortality/ FEMALE/  
\*HEPARIN/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ INFANT, NEWBORN/  
INFANT, NEWBORN, DISEASES,  
complications/ INFANT, PREMATURE/ MALE/  
TWIN
6307. Synek P, Ryšánek K, Spánková H, et al: The effect of ethanol and nitroglycerin on platelet aggregation. *Activ Nerv Sup (Praha)* 12:77-8, 12 Jan 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
\*ALCOHOL, ETHYL, pharmacodynamics/  
\*BLOOD PLATELETS, drug effects/ DRUG  
ANTAGONISM/ EPINEPHRINE,  
pharmacodynamics/ \*GLYCERYL TRINITRATE,  
pharmacodynamics/ HUMAN/ IN VITRO
6308. Szabó R, Abrahám E: Die Wirkung von Intrallipid auf die Adhäsivität der Thrombozyten.  
*Folia Haemat (Leipzig)* 93:435-42, 1970 (Ger)  
\*BLOOD PLATELETS, drug effects/ ENGLISH  
ABSTRACT/ HEMORRHAGIC DIATHESIS,  
blood/ HUMAN/ \*LIPIDS, pharmacodynamics/  
PLATELET ADHESIVENESS, drug effects/  
PURPURA, THROMBOPENIC, blood/  
THROMBOCYTOSIS, blood
6309. Szanto S, Yudkin J: Dietary sucrose and platelet behaviour. *Nature (London)* 225:467-8, 31 Jan 70  
\*BLOOD PLATELETS, drug effects/  
\*DIETARY CARBOHYDRATES/  
ELECTROPHORESIS/ HUMAN/  
\*HYPERINSULINISM, chemically induced/  
PLATELET ADHESIVENESS, drug effects/  
\*SUCROSE, pharmacodynamics
6310. Szász I, Sötér VN, Arky I, et al: Studies on the mechanism of the effect of trypsin on the shape maintenance of erythrocytes.  
*Acta Biochim Biophys Acad Sci Hung* 4:173-6, 1969  
\*ADENOSINE TRIPHOSPHATE, metabolism/  
ARSENIC, pharmacodynamics/ BINDING  
SITES/ DEPRESSION, CHEMICAL/  
ERYTHROCYTES, drug effects/  
\*ERYTHROCYTES, metabolism/ FLUORIDES,  
pharmacodynamics/ GLYCOLYSIS,  
drug effects/ SODIUM/ TIME FACTORS/  
\*TRYPSIN, pharmacodynamics
6311. Szczeklik A: Enzymy osocza i surowicy krwi.  
*Pol Tyg Lek* 25:1142-5, 27 Jul 70 (12 ref.) (Pol)  
BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, biosynthesis/  
ENGLISH ABSTRACT/ ENZYME TESTS/  
\*ENZYMES, blood/ GLUTAMINASE, blood/  
HUMAN/ NECROSIS, enzymology/ PEPTIDE  
HYDROLASES, blood/ REVIEW/ THROMBIN,  
biosynthesis
6312. Szczeklik A: Serum proteolytic activity bound with alpha2-macroglobulin in hepato-biliary diseases.  
*Pol Arch Med Wewnet* 4:331-6, Apr-May 70  
ANTICOAGULANTS, therapeutic use/  
\*BILIARY TRACT DISEASES, blood/ BLOOD  
COAGULATION/ HUMAN/ \*LIVER DISEASES,  
blood/ \*MACROGLOBULINS/  
MACROGLOBULINS, metabolism/ \*PEPTIDE  
HYDROLASES, metabolism/ PROTHROMBIN  
TIME
6313. Szczeklik A: Generation of the proteolytic activity bound with alpha 2-macroglobulin during plasma clotting. *Clin Chim Acta* 27:339-46, Feb 70  
\*BLOOD COAGULATION/ CALCIUM/  
CATTLE/ CENTRIFUGATION, DENSITY  
GRADIENT/ HUMAN/ KINETICS/  
\*MACROGLOBULINS, metabolism/  
NAPHTHALENES/ \*PEPTIDE HYDROLASES,  
metabolism/ PROTEIN BINDING/ SOY  
BEANS/ SUCROSE/ THROMBIN, biosynthesis/  
TRYPSIN INHIBITORS
6314. Szczeklik A, Teresiak T: Proteolytic activity of human blood leukocytes toward synthetic trypsin substrate. I. Method. *Acta Med Pol* 10:383-7, 1969  
\*AMIDES, metabolism/ COLORIMETRY/  
HUMAN/ \*LEUKOCYTES, enzymology/  
LEUKOCYTES, metabolism/ METHODS/  
PEPTIDE HYDROLASES, blood/ TRYPSIN,  
metabolism
6315. Szczypiński J: Wpływ kleju biologicznego na doświadczalne odwarstwienie siatekówek.  
*Klin Oczna* 39:279-83, 1969 (Pol)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ \*FIBRINOGEN, administration &  
dosage/ RABBITS/ \*RETINAL DETACHMENT,  
drug therapy/ \*THROMBIN, administration &  
dosage
6316. Szweczyk A: Przechodzenie fibrynogenu znakowanego 131-J przez barierę łożyska świnki morskiej.  
*Roczn Akad Med Marchlewski* 14:235-42, 1969 (Pol)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ FEMALE/ FETUS, immunology/  
\*FIBRINOGEN/ GUINEA PIGS/ INJECTIONS,  
INTRAVENOUS/ IODINE ISOTOPES/  
\*MATERNAL-FETAL EXCHANGE/ PLACENTA,  
immunology/ PREGNANCY/ RATS
6317. Szirmai E: Various aspects of thrombolysis and fibrinolysis. *Acta Med Okayama* 23:429-47, Oct 69  
ADULT/ ANTIBIOTICS, adverse effects/  
ANTIBIOTICS, therapeutic use/  
ANTICOAGULANTS, adverse effects/  
ANTICOAGULANTS, therapeutic use/ CHILD/  
\*FIBRINOLYSIS/ FIBRINOLYSIS,  
drug effects/ FIBRINOLYTIC AGENTS,  
adverse effects/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/  
THROMBOPHLEBITIS, drug therapy/  
\*THROMBOSIS/ THROMBOSIS, drug therapy
6318. Szlávy L, Vadon G: Die Wirkung des bei aortographischen und koronarographischen Untersuchungen verwendeten Kontrastmittels auf des Zentralnervensystem.  
*Radiol Clin (Basel)* 38:406-15, 1969 (Ger)  
ACETRIZOIC ACID, adverse effects/  
ANGIOCARDIOGRAPHY/ AORTOGRAPHY/  
BLOOD-BRAIN BARRIER, drug effects/ CELL  
MEMBRANE PERMEABILITY, drug effects/  
\*CONTRAST MEDIA, adverse effects/  
DIATRIZOATE, adverse effects/ ENGLISH  
ABSTRACT/ HEPARIN, pharmacodynamics/  
HUMAN/ \*NEUROLOGIC MANIFESTATIONS,  
chemically induced/ SODIUM,  
pharmacodynamics



## AUTHOR SECTION

6319. Szolc A: Badania cytochemiczne stosowane w różnicowaniu ostrych blaszek.  
Pediat Pol 44:1173-6, Sep 69 (22 ref.) (Pol)  
DIAGNOSIS, DIFFERENTIAL/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/  
HISTOCYTOCHEMISTRY/ HUMAN/  
\*LEUKEMIA, LYMPHOBLASTIC, diagnosis/  
\*LEUKEMIA, MONOBLASTIC, diagnosis/  
LEUKEMIA, MONOCYTIC, diagnosis/  
\*LEUKEMIA, MYELOBLASTIC, diagnosis/  
LEUKEMIA, MYELOCYTIC, diagnosis/ LIPIDS, analysis/ PHOSPHATASES, analysis/ REVIEW/ RNA, analysis
6320. Szotor M, Albinowska M, Skatulska-Surmacka T, et al: Splyw matych dawek promieni roentgena na krew konserwowana.  
Pol Przegl Radiol 34:427-34, May-Jun 70 (Pol)  
ACID-BASE EQUILIBRIUM/ \*BLOOD, radiation effects/ \*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ ERYTHROCYTES, radiation effects/ HEMOLYSIS, radiation effects/ HYDROGEN-ION CONCENTRATION/ METHODS/ \*RADIATION EFFECTS/ RADIOMETRY/ TIME FACTORS
6321. Szturm-Rubinsten S, Piéchaud M: Mise en évidence d'une colicine commune a trois sérotypes de Shigella boydii (1,3 et 8)  
Ann Inst Pasteur (Paris) 116:200-4, Feb 69 (Fre)  
\*COLICINS, analysis/ ENGLISH ABSTRACT/ PEPTIDE HYDROLASES, physiology/ SEROTYPING/ \*SHIGELLA, metabolism
6322. Szybiński Z, Horzela T, Konturek S: Oznaczanie aktywności proteolitycznej soku żółdkowego przy użyciu 131-J-albuminy.  
Pol Przegl Radiol 33:507-14, Jul-Aug 69 (Pol)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
\*GASTRIC JUICE, enzymology/ HISTAMINE, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ \*PEPTIDE HYDROLASES, analysis/  
\*SERUM ALBUMIN, RADIO-IODINATED
6323. Szydłowski E, Czerwińska I, Malińska E: Badania aktywności fibrynolitycznej i poziomu fibrynogenu w osoczu u dzieci z chorobą reumatyczną, leczonych i nie leczonych prednisonem.  
Pediat Pol 44:1399-403, Oct 69 (Pol)  
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
\*FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ MUCOPROTEINS, blood/  
\*PREDNISONE, therapeutic use/ RHEUMATIC FEVER, blood/ \*RHEUMATIC FEVER, drug therapy
6324. Szymanski IO, Dean HM, Valeri CR, et al: Measurement of erythrocyte survival during open-heart surgery.  
Transfusion 10:163-70, Jul-Aug 70  
ADULT/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/  
\*BLOOD PRESERVATION/ CHROMIUM ISOTOPES/ \*ERYTHROCYTES/ ERYTHROCYTES, cytology/  
EXTRACORPOREAL CIRCULATION/ FEMALE/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ \*HEART SURGERY/ HEMAGGLUTINATION TESTS/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, surgery/ RH FACTORS/ TRICUSPID VALVE INSUFFICIENCY, surgery
- T
6325. Tachikawa I: Isolation of all tryptic peptides from the aminoethylated beta polypeptide chain of adult hemoglobin from Japanese monkey (Macaca fuscata fuscata) and their amino acid compositions.  
Acta Med Nagasaki 13:157-69, Mar 69  
\*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ DIGESTION/ ELECTROPHORESIS/ GLOBINS/ \*HEMOGLOBIN/ HUMAN/ MONKEYS/ \*PEPTIDES, isolation & purification/ PROPIONATES/ TRICHLOROACETIC ACID/ TRYPSIN/ WATER
6326. Tada M, Bailin G, Bárány K, et al: Proteolytic fragmentation of bovine heart heavy meromyosin.  
Biochemistry (Wash) 8:4842-50, Dec 69  
ADENOSINE TRIPHOSPHATASE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM/ CATTLE/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLECULAR WEIGHT/ \*MUSCLE PROTEINS/ MUSCLE PROTEINS, analysis/ MUSCLES, analysis/ \*MYOCARDIUM, analysis/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ \*PAPAIN/ PEPTIDES, analysis/ RABBITS/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION
6327. Tadayon RA, Carroll KK, Murray RG: Purification and properties of biologically active factors in lipid extracts of Listeria monocytogenes.  
Canad J Microbiol 16:535-44, Jun 70  
CHLOROFORM/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DIALYSIS/ ELECTROPHORESIS/ GEL FILTRATION/ INDICATORS AND REAGENTS/ \*LIPIDS, isolation & purification/ \*LISTERIA MONOCYTOGENES/ PEPTIDE HYDROLASES/ PHOSPHOLIPIDS, isolation & purification
6328. Tagami K: [Purpura haemorrhagica thrombopenica]  
Jap J Clin Med 28:Suppl:1012-3, 25 Mar 70 (Jap)  
ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD TRANSFUSION/ HUMAN/ PANCREATICTOMY/ \*PURPURA, THROMBOGENIC, therapy
6329. Taguchi Y, Kurata K, Naito N, et al: [Case of Klippel-Trenaunay syndrome]  
Orthop Surg (Tokyo) 20:992-7, Jul 69 (Jap)  
ADULT/ \*ANGIOMATOSIS/ FEMORAL ARTERY, radiography/ HUMAN/ LEG, pathology/ MALE/ VARICOCELE, complications
6330. Tailleux J: Economiser du sang.  
Anesth Analg (Paris) 26:619-22, Jul-Aug 69 (Fre)  
\*HEMOSTATICS/ \*SURGERY, OPERATIVE
6331. Takagi T, Iwanaga S: Resolution of polypeptide chains of sulfitylized fibrinogen by polyacrylamide gel electrophoresis.  
Biochim Biophys Acta 194:594-6, 23 Dec 69  
ACRYLATES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ EDTA/ \*ELECTROPHORESIS, DISK/ \*FIBRIN/ \*FIBRINOGEN/ GELS/ METHODS/ PEPTIDES, analysis/ SULFIDES/ SULFITES
6332. Takagi T, Iwanaga S: Polypeptide chain involved in the cross-linking of stabilized bovine fibrin.  
Biochem Biophys Res Commun 38:129-36, 6 Jan 70  
BLOOD COAGULATION/ CATTLE/ CHEMISTRY/ ELECTROPHORESIS, DISK/ \*FIBRIN/ GEL FILTRATION/ MOLECULAR WEIGHT/ \*PEPTIDES/ SPECTROPHOTOMETRY/ SULFUR
6333. Takahashi M: Effect of alkylbenzenesulfonate as a vehicle for 4-nitroquinoline 1-oxide on gastric carcinogenesis in rats.  
Gann 61:27-33, Feb 70  
ADENOCARCINOMA, chemically induced/ ADMINISTRATION, ORAL/ ANGIOSARCOMA, chemically induced/ ANIMAL EXPERIMENTS/ \*CARCINOGENS/ CARCINOGENS, administration & dosage/ CARCINOMA, EPIDERMAL, chemically induced/ HEMANGIOMA, chemically induced/ MALE/ \*NEOPLASMS, EXPERIMENTAL, chemically induced/ PAPILLOMA, chemically induced/ \*QUINOLINES/ QUINOLINES, administration & dosage/ RATS/ \*STOMACH NEOPLASMS, chemically induced/ \*SULFONIC ACIDS, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ \*VEHICLES
6334. Takahashi M, Shimazaki K, Murakami K, et al: [Effect of anti-hemophilic globulin in surgery of a hemophilla A patient]  
Shujutsu 23:1040-3, Aug 69 (Jap)  
ADULT/ AMPUTATION/ \*FACTOR VIII, therapeutic use/ \*GANGRENE, surgery/



# AUTHOR SECTION

- \*HEMOPHILIA, complications/ HUMAN/ LEG, surgery/ MALE/ POSTOPERATIVE CARE
6335. Takahashi T, Ohsaka A: Purification and characterization of a proteinase in the venom of *Trimeresurus flavoviridis*. Complete separation of the enzyme from hemorrhagic activity. *Biochim Biophys Acta* 198:293-307, 11 Feb 70  
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BIOLOGICAL ASSAY/ CADMIUM/ CASEIN/ CELLULOSE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ EDTA/ ELECTROPHORESIS/ GEL FILTRATION/ \*HEMORRHAGE, etiology/ HYDROGEN-ION CONCENTRATION/ INSULIN/ KINETICS/ LEUCINE/ METHODS/ MOLECULAR WEIGHT/ NICKEL/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ PEPTIDES, analysis/ RABBITS/ \*SNAKE BITES/ ULTRACENTRIFUGATION/ \*VENOMS/ VENOMS, pharmacodynamics
6336. Takahashi T, Osaka A: Purification and some properties of two hemorrhagic principles (HR2a and HR2b) in the venom of *Trimeresurus flavoviridis*; complete separation of the principles from proteolytic activity. *Biochim Biophys Acta* 207:65-75, 28 Apr 70  
ALKALINE PHOSPHATASE, analysis/ AMINOACID OXIDOREDUCTASES, analysis/ ANIMAL EXPERIMENTS/ CLOSTRIDIOPEPTIDASE A, analysis/ CYSTEINE/ EDTA/ ELECTROPHORESIS/ GEL FILTRATION/ HEAT/ \*HEMORRHAGE, chemically induced/ HYALURONIDASE, analysis/ HYDROGEN-ION CONCENTRATION/ METALS/ \*PEPTIDE HYDROLASES, isolation & purification/ PHOSPHATASES, analysis/ PHOSPHOLIPASE, analysis/ PROTEIN DENATURATION/ \*PROTEINS, isolation & purification/ RABBITS/ SKIN, drug effects/ SNAKES/ ULTRACENTRIFUGATION/ \*VENOMS
6337. Takahashi Y, Nishiwaki T: [Case of hemangioma of the clavicle] *Orthop Surg (Tokyo)* 21:127-30, Feb 70 (Jap)  
ADULT/ BONE NEOPLASMS, pathology/ \*BONE NEOPLASMS, surgery/ \*CLAVICLE/ CLAVICLE, radiography/ FEMALE/ HEMANGIOMA, pathology/ \*HEMANGIOMA, surgery/ HUMAN
6338. Takaku F, Chiba S: [Erythropoietin producing tumor] *Jap J Cancer Clin* 16:469-75, May 70 (Jap)  
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ ERYTHROPOIETIN, analysis/ \*ERYTHROPOIETIN, secretion/ FEMALE/ HEMANGIOMA, metabolism/ HEPATOMA, metabolism/ HUMAN/ KIDNEY NEOPLASMS, metabolism/ MALE/ NEOPLASMS, complications/ NEOPLASMS, diagnosis/ \*NEOPLASMS, metabolism/ \*POLYCYTHEMIA, etiology/ RATS
6339. Takakuwa E, Masukawa T, Saito K: [Studies on aerosol. 2. With special emphasis on bacterial aerosol, especially hemolytic bacteria] *Jap J Hyg* 24:442-7, Oct 69 (Jap)  
\*AEROSOLS/ \*AIR MICROBIOLOGY/ COAGULASE/ DEOXYRIBONUCLEASE, metabolism/ DUST/ ENGLISH ABSTRACT/ FILTRATION/ STAPHYLOCOCCUS, enzymology/ \*STAPHYLOCOCCUS, pathogenicity
6340. Takami T: [Purification of hog pancreatic kallikreins and their proteolytic activities] *J Jap Biochem Soc* 41:777-85, Nov 69 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CHROMATOGRAPHY/ DOGS/ ELECTROPHORESIS/ GEL FILTRATION/ \*KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism/ \*PANCREAS, enzymology/ PEPTIDE HYDROLASES, metabolism/ SWINE
6341. Takami T: Action of hog pancreatic kallikrein on synthetic substrates and its some other enzymatic properties. *J Biochem (Tokyo)* 66:651-8, Nov 69  
AMINO ACIDS/ ANIMAL EXPERIMENTS/ ARGinine/ ESTERASES, metabolism/ ESTERS/ HYDROGEN-ION CONCENTRATION/ IONS/ \*KALLIKREIN, analysis/ KALLIKREIN, antagonists & inhibitors/ KINETICS/ LYSINE/ MALE/ METALS, pharmacodynamics/ \*PANCREAS, enzymology/ PHOTOMETRY/ SALTS, pharmacodynamics/ SWINE/ TRYPSIN
6342. Takamiya T: [Studies on the adhesiveness of human blood platelets--the pathophysiological significance of the adhesiveness of the human blood platelets in alimentary lipemia in coronary sclerosis] *J Jap Soc Intern Med* 58:1170-8, 10 Nov 69 (Jap)  
ADHESIVENESS/ ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ \*BLOOD PLATELETS, physiopathology/ CALCIUM, pharmacodynamics/ \*CORONARY DISEASE, blood/ DEXTRAN, pharmacodynamics/ DIETARY FATS/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ \*HYPERLIPEMIA, blood/ IN VITRO/ MALE/ MIDDLE AGE
6343. Takashima S, Koga M, Tanaka K: Fibrinolytic activity of human brain and cerebrospinal fluid. *Brit J Exp Path* 50:533-9, Dec 69  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ \*BRAIN, enzymology/ CHILD/ CHILD, PRESCHOOL/ CHOROID PLEXUS, enzymology/ FIBRINOLYSIS, cerebrospinal fluid/ \*FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ INFANT, NEWBORN/ MENINGES, enzymology/ MIDDLE AGE/ PLASMINOGEN, analysis/ \*PLASMINOGEN, cerebrospinal fluid/ PNEUMOENCEPHALOGRAPHY
6344. Takats G de, Valthianathan T: Bodily defenses against thrombosis. *Amer J Surg* 120:73-81, Jul 70  
AMINOCAPROIC ACID, therapeutic use/ ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION/ \*BLOOD COAGULATION TESTS/ FEMALE/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, blood/ HEPARIN, therapeutic use/ HUMAN/ MALE/ \*PULMONARY EMBOLISM, etiology/ \*THROMBOEMBOLISM, blood/ \*THROMBOPHLEBITIS, complications
6345. Takayama S: Induction of tumors in ICR mice with N-nitrosopiperidine, especially in forestomach. *Naturwissenschaften* 56:142, Mar 69  
ANIMAL EXPERIMENTS/ \*CARCINOGENS/ CARCINOMA, EPIDERMOID/ ESOPHAGEAL NEOPLASMS, chemically induced/ HEMANGIOENDOTHELIOMA/ LIVER NEOPLASMS, chemically induced/ LUNG NEOPLASMS, chemically induced/ MALE/ MICE/ NEOPLASMS, EXPERIMENTAL/ \*NITROSO COMPOUNDS/ PAPILLOMA/ \*PIPERIDINES/ \*STOMACH NEOPLASMS, chemically induced
6346. Takayama S, Imaizumi T: Sequential effects of chemically different carcinogens, dimethylnitrosamine and 4-dimethylaminoazobenzene, on hepatocarcinogenesis in rats. *Int J Cancer* 4:373-83, 15 Jul 69  
ANIMAL EXPERIMENTS/ CARCINOGENS, pharmacodynamics/ \*DIMETHYLAMINOAZOBENZENE, pharmacodynamics/ FIBROSARCOMA, chemically induced/ FIBROSARCOMA, pathology/ HEMANGIOENDOTHELIOMA, chemically induced/ HEMANGIOENDOTHELIOMA, pathology/ HEPATOMA, pathology/ \*LIVER NEOPLASMS, chemically induced/ METHODS/ MICROSCOPY, ELECTRON/ \*NEOPLASMS, EXPERIMENTAL, chemically induced/ \*NITROSAMINES, pharmacodynamics/ RATS/ TIME FACTORS
6347. Takeda Y: Studies of the effects of heparin, Coumadin, and vitamin K on prothrombin metabolism and distribution in calves with the use of iodine-125-prothrombin. Characterization of the



# AUTHOR SECTION

- prothrombin system. J Lab Clin Med 75:355-81, Mar 70  
ANIMAL EXPERIMENTS/ BIOLOGICAL  
TRANSPORT/ BODY WEIGHT/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
DEPRESSION, CHEMICAL/ FEMALE/ GEL  
DIFFUSION TESTS/ HEMATOCRIT/  
\*HEPARIN, pharmacodynamics/ IODINE  
ISOTOPES/ MALE/ METHODS/ MODELS,  
BIOLOGIC/ PROTHROMBIN, analysis/  
PROTHROMBIN, biosynthesis/  
\*PROTHROMBIN, metabolism/ RABBITS/  
STIMULATION, CHEMICAL/ THROMBIN,  
biosynthesis/ TIME FACTORS/ \*VITAMIN K,  
pharmacodynamics/ \*WARFARIN,  
pharmacodynamics
6348. Takenaka O, Shibata K: States of amino acid residues in proteins. XX. Fluorescence of stilbene dyes adsorbed on hydrophobic regions of protein molecules. J Biochem (Tokyo) 66:805-14, Dec 69  
ADSORPTION/ \*AMINO ACIDS, analysis/  
CATTLE/ FLUORESCENCE/ \*FLUORESCENT  
DYES/ HYDROGEN-ION CONCENTRATION/  
INSULIN, pharmacodynamics/ MURAMIDASE,  
pharmacodynamics/ PEPTIDES,  
pharmacodynamics/ \*PROTEINS, analysis/  
SPECTROPHOTOMETRY/ \*STILBENES/  
TRYPSIN, pharmacodynamics/ TRYPSINOGEN,  
pharmacodynamics/ ULTRAVIOLET RAYS
6349. Takeoka H: [Therapy of idiopathic melena--on 130 cases] Sanfujin Jissai 18:636-40, Jul 69 (Jap)  
ANIMAL EXPERIMENTS/ ASCORBIC ACID,  
therapeutic use/ BLOOD TRANSFUSION/  
FEMALE/ HEMOSTATICS, therapeutic use/  
HUMAN/ \*INFANT, NEWBORN/ MELENA,  
mortality/ \*MELENA, therapy/ RABBITS/  
THIAMINE, therapeutic use/ VITAMIN K,  
therapeutic use
6350. Takesue S, Omura T: Solubilization of NADH-cytochrome b5 reductase from liver microsomes by lysosomal digestion. J Biochem (Tokyo) 67:259-66, Feb 70  
ANIMAL EXPERIMENTS/ \*CYTOCHROMES/  
HYDROGEN-ION CONCENTRATION/  
\*LYSOSOMES, enzymology/ MALE/  
\*MICROSOMES, LIVER, enzymology/ \*NAD/  
\*OXIDOREDUCTASES/ PEPTIDE  
HYDROLASES, pharmacodynamics/ RATS/  
\*SOLUBILITY/ TRYPSIN, pharmacodynamics/  
VENOMS, pharmacodynamics
6351. Takeuchi I, Yabuno K: Disaggregation of slime mold pseudoplasmodia using EDTA and various proteolytic enzymes. Exp Cell Res 61:183-90, Jul 70  
DIMERCAPROL, pharmacodynamics/ \*EDTA,  
pharmacodynamics/ MERCAPTOETHANOL,  
pharmacodynamics/ \*MYXOMYCETES, drug  
effects/ \*PEPTIDE HYDROLASES,  
pharmacodynamics/ TRYPSIN,  
pharmacodynamics
6352. Takeuchi K, Suzuki H, Sawada M, et al: Effect of excessive iodide administration on the proteolytic activity of the thyroid gland. Endocrinology 86:1239-44, Jun 70  
ANIMAL EXPERIMENTS/ CHICKENS/  
ELECTROPHORESIS/ ENZYME REPRESSION/  
FEMALE/ GOITER, chemically induced/  
\*GOITER, metabolism/ \*IODIDES,  
administration & dosage/ \*IODIDES,  
pharmacodynamics/ IODINE, analysis/ IODINE  
ISOTOPES/ IODOPROTEINS/ MALE/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
RATS/ \*THYROGLOBULIN, metabolism/  
THYROID GLAND, analysis/ \*THYROID  
GLAND, drug effects/ THYROID GLAND,  
enzymology/ \*THYROID GLAND, metabolism/  
TISSUE EXTRACTS/  
ULTRACENTRIFUGATION
6353. Takeuchi Y, Fukuda M, Takeo K, et al: [Blood fibrinolytic activity and fibrinogen concentration in diabetic retinopathy] Acta Soc Ophthal Jap 74:151-67, Feb 70 (Jap)  
ADOLESCENCE/ ADULT/ AGED/ \*DIABETIC  
RETINOPATHY, blood/ ENGLISH ABSTRACT/  
FEMALE/ \*FIBRINOGEN, analysis/  
\*FIBRINOLYSIS/ FUNDUS OCULI/ HUMAN/  
MALE/ MIDDLE AGE/ RETINAL  
HEMORRHAGE, blood/ VITREOUS BODY
6354. Takeya K, Imamura T, Kato M, et al: [Method for selective determination of kininogenase and kininase activities in saliva-serum reaction and the role of kinins in periodontal diseases] Jap J Allerg 18:537-40, Jun 69 (Jap)  
ADULT/ ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ ENZYME ACTIVATION/  
FEMALE/ GLUTATHIONE, pharmacodynamics/  
GUINEA PIGS/ HUMAN/ IMMUNE SERUMS/  
\*KALLIKREIN, analysis/ KALLIKREIN,  
antagonists & inhibitors/  
KALLIKREIN-TRYPSIN INACTIVATOR/  
\*KININS, blood/ MALE/ \*PERIODONTAL  
DISEASES, etiology/ RABBITS/ \*SALIVA,  
enzymology
6355. Takida K, Shigemori F, Shiraishi S: [Effect of drugs to the reaction experimentally induced by passive cutaneous anaphylaxis, bradykinin, histamine and serotonin] Jap J Allerg 18:530-3, Jun 69 (Jap)  
ADRENAL CORTEX HORMONES,  
pharmacodynamics/ AMMONIA, analysis/  
ANIMAL EXPERIMENTS/  
ANTIFIBRINOLYTIC AGENTS,  
pharmacodynamics/ ANTIHISTAMINICS,  
pharmacodynamics/ \*BRADYKININ,  
pharmacodynamics/ CAPILLARY  
PERMEABILITY, drug effects/ ENGLISH  
ABSTRACT/ GUINEA PIGS/ \*HISTAMINE,  
pharmacodynamics/ INFLAMMATION/  
\*PASSIVE CUTANEOUS ANAPHYLAXIS/  
RABBITS/ \*SEROTONIN, pharmacodynamics/  
SKIN, drug effects
6356. Talalla A, Halbrook H, Barbour BH, et al: Subdural hematoma associated with long-term hemodialysis for chronic renal disease. JAMA 212:1847-9, 15 Jun 70  
ADULT/ ANTICOAGULANTS, therapeutic use/  
ARTERIOVENOUS SHUNT, SURGICAL/  
FEMALE/ GLOMERULONEPHRITIS, therapy/  
\*HEMATOMA, SUBDURAL, complications/  
HEMATOMA, SUBDURAL, diagnosis/  
HEMATOMA, SUBDURAL, etiology/  
\*HEMODIALYSIS/ HUMAN/ \*KIDNEY  
FAILURE, CHRONIC, therapy/ MALE/ TIME  
FACTORS
6357. Talbot S, Wakley EJ, Ryrle D, et al: ABO blood-groups and venous thromboembolic disease. Lancet 1:1257-9, 13 Jun 70  
\*ABO FACTORS, analysis/  
ANTICOAGULANTS, therapeutic use/  
AUTOPSY/ FEMALE/ HUMAN/ MALE/  
PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR, blood/  
PREGNANCY COMPLICATIONS,  
CARDIOVASCULAR, drug therapy/  
PREGNANCY COMPLICATIONS,  
CARDIOVASCULAR, pathology/ PUERPERAL  
DISORDERS, blood/ PULMONARY EMBOLISM,  
blood/ PULMONARY EMBOLISM, pathology/  
\*THROMBOEMBOLISM, blood/  
THROMBOEMBOLISM, drug therapy/  
THROMBOEMBOLISM, familial & genetic/  
THROMBOEMBOLISM, pathology/  
\*THROMBOPHLEBITIS, blood/ \*VEINS
6358. Tamaki T, Funayama K: [Results of the gradually increased muscular exercise for hemarthrosis in hemophilia] Orthop Surg (Tokyo) 21:574-6, Jul 70 (Jap)  
ADOLESCENCE/ \*EXERCISE THERAPY/  
\*HEMARTHROSIS, rehabilitation/  
\*HEMOPHILIA, complications/ HUMAN
6359. Tamir M, Almut E: Carob tannins--growth depression and levels of insoluble nitrogen in the digestive tract of rats. J Nutr 100:573-80, May 70  
ACETATES/ AMYLASE, metabolism/ ANIMAL  
EXPERIMENTS/ ANIMAL NUTRITION/ BODY  
WEIGHT/ \*CECUM, enzymology/ CECUM,  
metabolism/ DEPRESSION, CHEMICAL/ DIET/  
EATING/ FECES, analysis/ FREEZE DRYING/  
INTESTINES, metabolism/ LIPASE,  
metabolism/ MALE/ \*NITROGEN, metabolism/  
PHENOLS, pharmacodynamics/ PLANTS,  
analysis/ \*PLANTS, metabolism/ PLANTS,



# AUTHOR SECTION

- physiology/ RATS/ SOLUBILITY/ STOMACH,  
metabolism/ SUCROSE/ \*TANNINS,  
metabolism/ TANNINS, pharmacodynamics/  
TRYPSIN, metabolism
6360. Tamm Lla, Briazgunov IP: O sostolanli fermetnlkh sistem u detel pri khronicheskom tonzillite toksikoallergicheskoi formy bez sopriazhennykh zabolevaniy.  
Vestn Otorinolaring 31:101-5, Sep-Oct 69 (Rus)  
ADOLESCENCE/ BLOOD COAGULATION  
TESTS/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ FIBRINOGEN, analysis/  
FIBRINOLYSIS/ HEPARIN, analysis/  
HEPARIN, metabolism/ HUMAN/  
HYPERSENSITIVITY/ LACTATE  
DEHYDROGENASE ISOENZYMES/  
\*TONSILLITIS, enzymology/ TONSILLITIS,  
metabolism
6361. Tamura T: [Notes on sulfonamide therapy and its adverse effects] J Jap Dent Ass 22:1307-10, 1970 (Jap)  
AGRANULOCYTOSIS, chemically induced/  
ANEMIA, APLASTIC, chemically induced/  
HUMAN/ KIDNEY DISEASES, chemically  
induced/ LIVER DISEASES, chemically  
induced/ \*SULFONAMIDES, adverse effects/  
THROMBOPENIA, chemically induced
6362. Tamvakopoulos SK, Corvase WP, Vargas L: Perianal ecchymosis as a clinical sign. Manifestation of rupture of an aneurysm into the sigmoid mesocolon.  
Arch Surg (Chicago) 99:812-4, Nov 69  
\*ANUS DISEASES, etiology/ AORTA,  
ABDOMINAL, surgery/ \*AORTIC ANEURYSM,  
complications/ AORTIC ANEURYSM, surgery/  
BLOOD VESSEL PROSTHESIS/ \*ECCHYMOSIS,  
etiology/ HEMATOMA, surgery/ HUMAN/  
MALE/ MESOCOLON/ MIDDLE AGE/  
RUPTURE, complications
6363. Tanaka K: [Thrombosis and fibrinolysis]  
Jap J Clin Path 16:Suppl 16:10+, 1969 (34 ref.) (Jap)  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD VESSELS, pathology/ CORONARY  
DISEASE, complications/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS, analysis/ HUMAN/  
NEOPLASMS, complications/ REVIEW/  
\*THROMBOSIS/ THROMBOSIS, pathology
6364. Tanaka K: [Properties of the arterial wall and atherosclerosis--elastic type of arteries and muscular type of arteries]  
Jap J Clin Med 28:1498-503, May 70 (Jap)  
ANIMAL EXPERIMENTS/ \*ARTERIES/  
ARTERIES, anatomy & histology/ ARTERIES,  
physiology/ \*ARTERIOSCLEROSIS, etiology/  
BLOOD COAGULATION/ ELASTICITY/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
HUMAN/ HYPERTENSION, complications/  
RABBITS
6365. Tanaka R: [Effect of acute hyperventilation in general anesthesia on coagulation and fibrinolysis systems]  
Jap J Anesth 19:39-45, Jan 70 (Jap)  
ADOLESCENCE/ ADULT/ AGED/  
\*ANESTHESIA, GENERAL/ \*BLOOD  
COAGULATION/ CHILD/ ENGLISH  
ABSTRACT/ FEMALE/ \*FIBRINOLYSIS/  
HUMAN/ \*HYPERVENTILATION, blood/  
MALE/ MIDDLE AGE
6366. Tanaka Y: The N-terminal structure of adult hemoglobin from Japanese monkey (Macaca fuscata) and the N-terminal amino acids of all the tryptic peptides from its alpha and beta polypeptide chains. Acta Med Nagasaki 13:211-27, Mar 69  
\*AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ ASPARAGINE/  
CHROMATOGRAPHY, PAPER/  
COUNTERCURRENT DISTRIBUTION/  
GLOBINS/ HEME/ \*HEMOGLOBIN, analysis/  
HUMAN/ MONKEYS/ \*PEPTIDES, isolation &  
purification/ SERINE/  
SPECTROPHOTOMETRY/ TIME FACTORS/  
TRYPSIN
6367. Tandon BN, Banks PA, George PK, et al: Recovery of exocrine pancreatic function in adult protein-calorie malnutrition. Gastroenterology 58:358-62, Mar 70
- ADULT/ AMYLASE, analysis/  
BICARBONATES, analysis/ CALORIMETRY/  
\*DIET THERAPY/ DIETARY PROTEINS/  
FEMALE/ HUMAN/ LIPASE, analysis/ MALE/  
MIDDLE AGE/ \*PANCREAS, physiopathology/  
\*PANCREAS, secretion/ \*PANCREATIC JUICE,  
secretion/ PANCREOZYMIN, diagnostic use/  
PEPTIDE HYDROLASES, analysis/ PROTEIN  
DEFICIENCY, physiopathology/ \*PROTEIN  
DEFICIENCY, therapy/ REGENERATION/  
SECRETIN, diagnostic use
6368. Tandon BN, George PK, Sama SK, et al: Exocrine pancreatic function in protein-calorie malnutrition disease of adults. Amer J Clin Nutr 22:1476-82, Nov 69  
ADULT/ BICARBONATES, analysis/  
\*DEFICIENCY DISEASES, physiopathology/  
\*EXOCRINE GLANDS, secretion/ HUMAN/  
HYPOPROTEINEMIA, etiology/ LIPASE,  
analysis/ MIDDLE AGE/ \*PANCREAS,  
secretion/ PANCREATIC JUICE, analysis/  
PANCREATIC JUICE, secretion/ PROTEIN  
DEFICIENCY, complications/ TRYPSIN,  
analysis
6369. Tane S, Horiuchi T: [The studies on the ultrasonic diagnosis in ophthalmology. 2. The ultrasonic diagnosis for orbital tumours-especially, the correlations between the histological structure and the echogram]  
Acta Soc Ophthal Jap 74:851-7, Aug 70 (Jap)  
ADULT/ ANIMAL EXPERIMENTS/ CHILD/  
CHILD, PRESCHOOL/ CYSTS, diagnosis/  
ENGLISH ABSTRACT/ FEMALE/  
HEMANGIOMA, diagnosis/ HUMAN/ MALE/  
MIDDLE AGE/ MUCOCELE, diagnosis/  
\*ORBITAL NEOPLASMS, diagnosis/ RABBITS/  
SARCOMA, diagnosis/ \*ULTRASONICS,  
diagnostic use
6370. Tao M, Salas ML, Lipmann F: Mechanism of activation by adenosine 3':5'-cyclic monophosphate of a protein phosphokinase from rabbit reticulocytes.  
Proc Nat Acad Sci USA 67:408-14, Sep 70  
\*ADENINE NUCLEOTIDES/ ADENOSINE  
CYCLIC 3',5'-PHOSPHATE/ ANIMAL  
EXPERIMENTS/ CASEIN/ CENTRIFUGATION,  
DENSITY GRADIENT/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ENZYME ACTIVATION/ GEL FILTRATION/  
HISTONES/ PHOSPHORUS ISOTOPES/  
\*PHOSPHOTRANSFERASES/ PROTAMINES/  
PROTEINS/ RABBITS/ \*RETICULOCYTES,  
enzymology/ TRITIUM
6371. Tapella PA, Varsavsky CA, Jimenez Ibañez JA, et al: Shock. Clasificación. Fisiopatología. Farmacología. Clínica. Tratamiento.  
Prensa Med Argent 57:653-86, 5 Jun 70 (Spa)  
BLOOD CIRCULATION/ BLOOD  
COAGULATION DISORDERS, physiopathology/  
BLOOD TRANSFUSION/ DEXTRAN,  
therapeutic use/ HUMAN/ PLASMA  
SUBSTITUTES, therapeutic use/ \*SHOCK/  
SHOCK, classification/ SHOCK, drug therapy/  
SHOCK, physiopathology
6372. Tapp E, Geary CG, Dawson DW: Thrombotic micro-angiopathy with macroscopic infarction.  
J Path 97:711-7, Apr 69  
ADOLESCENCE/ AUTOPSY/ BLOOD  
VESSELS, pathology/ \*CEREBRAL EMBOLISM  
AND THROMBOSIS, etiology/ CEREBRAL  
EMBOLISM AND THROMBOSIS, pathology/  
FEMALE/ HUMAN/ INFARCTION, pathology/  
\*KIDNEY, blood supply/ \*MYOCARDIAL  
INFARCT, etiology/ MYOCARDIAL INFARCT,  
pathology/ PREGNANCY/ PREGNANCY  
COMPLICATIONS, HEMATOLOGIC/  
\*PURPURA, THROMBOTIC THROMBOPENIC,  
complications/ PURPURA, THROMBOTIC  
THROMBOPENIC, pathology
6373. Tapp E, Ralston A: Thrombotic microangiopathy associated with squamous carcinoma.  
Brit Med J 4:209-10, 25 Oct 69  
ANEMIA, HEMOLYTIC, complications/ \*ANUS  
NEOPLASMS, complications/ \*CARCINOMA,  
EPIDERMOID, complications/  
\*CEREBROVASCULAR DISORDERS,



## AUTHOR SECTION

- complications/ FEMALE/ HUMAN/ ISCHEMIA/  
MIDDLE AGE/ NEOPLASM METASTASIS/  
PURPURA, THROMBOPENIC, complications/  
PURPURA, THROMBOTIC THROMBOPENIC,  
etiology/ \*THROMBOSIS, complications
6374. Tappeiner J, Wolff K: Bilddemonstration seltener  
Beinerkrankungen.  
Z Haut Geschlechtskr 44:781-8, 15 Sep 69 (Ger)  
ACRODERMATITIS, pathology/  
ANGIOMATOSIS, pathology/ BLOOD PROTEIN  
DISORDERS, pathology/ EPIDERMOLYSIS  
BULLOSA, pathology/ ERYTHEMA, pathology/  
FEMALE/ HUMAN/ INFARCTION/ KAPOSI'S  
VARICELLIFORM ERUPTION, pathology/  
KERATOSIS, pathology/ LEG, blood supply/  
\*LEG DERMATOSES, pathology/ MALE/  
\*MEDICAL ILLUSTRATION/ MULTIPLE  
MYELOMA, pathology/ NECROBIOSIS  
LIPOIDICA, pathology/ NECROSIS/  
PAPILLOMA, pathology/ PYODERMA,  
pathology/ SKIN NEOPLASMS, pathology/  
VASCULAR DISEASES, pathology
6375. Tardito E: Contributo allo studio della coagulazione del  
sangue nei soggetti arteriopatici.  
Minerva Chir 25:1-10, 15 Jan 70 (Ita)  
ADULT/ AGED/ AORTA, ABDOMINAL/  
AORTIC ANEURYSM, complications/ AORTIC  
DISEASES, complications/  
\*ARTERIOSCLEROSIS OBLITERANS, blood/  
ARTERIOSCLEROSIS OBLITERANS,  
complications/ \*BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/ FEMORAL  
ARTERY/ HUMAN/ HYPERLIPEMIA,  
complications/ ILIAC ARTERY/ MALE/  
\*MESENTERIC VASCULAR OCCLUSION,  
etiology/ MIDDLE AGE/ POPLITEAL  
ARTERY/ \*THROMBOSIS, etiology
6376. Tardito E: Contributo allo studio della coagulazione del  
sangue nei soggetti arteriopatici diabetici.  
Minerva Chir 25:237-40, 28 Feb 70 (Ita)  
ADULT/ AGED/ \*ARTERIOSCLEROSIS  
OBLITERANS, complications/ \*BLOOD  
COAGULATION DISORDERS, etiology/ BLOOD  
COAGULATION TESTS/ \*DIABETIC  
ANGIOPATHIES, complications/ ENGLISH  
ABSTRACT/ \*GANGRENE, complications/  
HUMAN/ MALE/ MIDDLE AGE
6377. Tarhan S, Moffitt EA, Lundborg RO, et al: Use of  
heparinized priming blood after whole-body  
perfusion. Surgery 67:584-9, Apr 70  
BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ BLOOD TRANSFUSION,  
adverse effects/ BODY SURFACE AREA/  
CITRATES/ \*EXTRACORPOREAL  
CIRCULATION/ \*HEART SURGERY/  
\*HEMORRHAGE, therapy/ \*HEPARIN/  
HUMAN/ METHODS/ POSTOPERATIVE  
CARE/ \*POSTOPERATIVE COMPLICATIONS,  
therapy/ PROTAMINES
6378. Tarin D, Croft CB: Ultrastructural studies of wound  
healing in mouse skin. II. Dermo-epidermal  
interrelationships. J Anat 106:79-91, Jan 70  
ANIMAL EXPERIMENTS/ CELL MOVEMENT/  
COLLAGEN, analysis/ CONNECTIVE TISSUE,  
metabolism/ EPITHELIUM, cytology/  
FEMALE/ FIBRIN, metabolism/  
FIBROBLASTS/ MICE/ MICROSCOPY,  
ELECTRON/ \*SKIN, anatomy & histology/  
SKIN, cytology/ \*WOUND HEALING
6379. Tarlow O, Tarlow MJ: Stool trypsin assay.  
Lancet 2:617-8, 19 Sep 70  
CHYMOTRYPSIN, analysis/ \*FECEs,  
enzymology/ HUMAN/ METHODS/ \*TRYPSIN,  
analysis
6380. Tarnawski A, Wajdowicz A: Heparina-substancja o  
duzym biologicznym znaczeniu.  
Postepy Hig Med Dosw 24:125-31, Jan-Feb 70 (Pol)  
BIOLOGICAL TRANSPORT/ BLOOD  
COAGULATION, drug effects/ COOMBS'  
TEST/ ENGLISH ABSTRACT/ \*HEPARIN/  
HEPARIN, adverse effects/ HEPARIN,  
metabolism/ HEPARIN, pharmacodynamics/  
HEPARIN, therapeutic use/ HEPARIN
- ANTAGONISTS/ HUMAN/ INFLAMMATION,  
drug therapy/ OSTEOPOROSIS, chemically  
induced
6381. Tarnay TJ: Arterial embolism of the extremities.  
Experience with 62 patients.  
Arch Surg (Chicago) 99:615-8, Nov 69  
AGE FACTORS/ AGED/ AURICULAR  
FIBRILLATION, complications/ BRACHIAL  
ARTERY/ \*EMBOLISM/ EMBOLISM, etiology/  
EMBOLISM, mortality/ \*EXTREMITIES, blood  
supply/ FEMALE/ FEMORAL ARTERY/  
FOLLOW-UP STUDIES/ HEPARIN, therapeutic  
use/ HUMAN/ MALE/ MIDDLE AGE/  
MYOCARDIAL INFARCT, complications/  
RHEUMATIC HEART DISEASE, complications
6382. Tarsitano JJ, Wooten JW, Munford AG: Sturge-Weber  
syndrome--a possible dental complication.  
Illinois Dent J 39:236-40, Apr 70  
ANGIOMATOSIS, complications/  
HEMORRHAGE, ORAL, prevention & control/  
SPECIAL LIST DENTAL/ TOOTH  
EXTRACTION
6383. Tasaki I, Yoshinaga M, Hayashi H: [Mechanism of  
vascular permeability--morphological and  
biochemical study]  
Protein (Tokyo) 14:1336-50, Dec 69 (246 ref.) (Jap)  
AMINES, physiology/ ANIMAL  
EXPERIMENTS/ BLOOD VESSELS, anatomy &  
histology/ BLOOD VESSELS, pathology/  
BLOOD VESSELS, physiology/ BLOOD  
VESSELS, physiopathology/ \*CAPILLARY  
PERMEABILITY/ HUMAN/  
HYPERSENSITIVITY/ PEPTIDE  
HYDROLASES, physiology/ PEPTIDES,  
physiology/ PROTEINS, physiology/ REVIEW
6384. Taylor A: The specificity of the VI-phage II  
bacteriolytic enzyme.  
Biochem Biophys Res Commun 41:16-24, 9 Oct 70  
ALANINE/ AMINO ACIDS/ BACTERIOLYSIS/  
CHROMATOGRAPHY, ION EXCHANGE/  
DIALYSIS/ ELECTROPHORESIS/  
MICROCOCCLUS, drug effects/ \*PEPTIDE  
HYDROLASES/ PEPTIDE HYDROLASES,  
isolation & purification/ PEPTIDE  
HYDROLASES, pharmacodynamics/ PEPTIDES/  
PIMELIC ACID/ \*SALMONELLA PHAGES,  
enzymology/ SALMONELLA TYPHOSA,  
enzymology
6385. Taylor AG: The nature of the lymphocyte mitogen.  
Life Sci 8:1281-97, 15 Dec 69  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
HUMAN/ IN VITRO/ LYMPHOCYTE  
TRANSFORMATION, drug effects/  
\*LYMPHOCYTES, drug effects/  
\*LYMPHOCYTES, immunology/ LYSOSOMES,  
drug effects/ \*MITOSIS, drug effects/  
MOLECULAR WEIGHT/ PEPTIDE  
HYDROLASES/ RIBONUCLEASE/  
RIBONUCLEASE, analysis/ RIBONUCLEASE,  
metabolism/ STREPTOCOCCUS, enzymology/  
STREPTOLYSIN, analysis/ \*STREPTOLYSIN,  
pharmacodynamics
6386. Taylor JC: Idiopathic thrombocytopenic purpura in  
childhood. An approach to therapy.  
J Iowa Med Soc 60:94-7, Feb 70  
CHILD/ HUMAN/ HYDROCORTISONE,  
therapeutic use/ IMMUNOSUPPRESSIVE  
AGENTS, therapeutic use/ PREDNISONE,  
therapeutic use/ PURPURA, THROMBOPENIC,  
complications/ \*PURPURA, THROMBOPENIC,  
therapy/ SPLENECTOMY
6387. Tchédomir I: Les formations kystiques en  
oto-rhino-laryngologie.  
Bordeaux Med 3:1305-62 contd, May 70 (Fre)  
BRANCHIAL REGION/ BRANCHIOMA,  
pathology/ CYSTADENOMA/ \*CYSTS/ CYSTS,  
classification/ CYSTS, congenital/ CYSTS,  
radiography/ DERMOID CYST, radiography/  
ECHINOCOCCOSIS/ EPIDERMAL CYST/  
FISTULA/ HEMANGIOMA/ HUMAN/  
LYMPHANGIOMA/  
\*OTORHINOLARYNGOLOGIC DISEASES/



# AUTHOR SECTION

- REVIEW/ THYROGLOSSAL CYST, pathology/  
THYROID GLAND, abnormalities
6388. Teitelbaum SL: Tumors of the chest wall.  
Surg Gynec Obstet 129:1059-73, Nov 69 (103 ref.)  
ADOLESCENCE/ ADULT/ CARTILAGE  
DISEASES/ CHONDROBLASTOMA, diagnosis/  
CHONDROMA, diagnosis/ EXOSTOSES,  
diagnosis/ FIBROSARCOMA, diagnosis/ GIANT  
CELL TUMORS, diagnosis/ HEMANGIOMA,  
diagnosis/ HODGKIN'S DISEASE, diagnosis/  
HUMAN/ LIPOMA, diagnosis/ MIDDLE AGE/  
NEOPLASM METASTASIS/ NEOPLASMS,  
NERVOUS TISSUE/ NEOPLASMS, VASCULAR  
TISSUE/ OSTEOOMA, OSTEOID, diagnosis/  
PAIN, etiology/ PLASMACYTOMA, diagnosis/  
PROGNOSIS/ REVIEW/ RIBS/ SARCOMA,  
EWING'S, diagnosis/ SARCOMA, OSTEOGENIC,  
diagnosis/ SARCOMA, RETICULUM CELL,  
diagnosis/ STERNUM/ \*THORACIC  
NEOPLASMS/ THORACIC NEOPLASMS, drug  
therapy/ THORACIC NEOPLASMS, occurrence/  
THORACIC NEOPLASMS, radiotherapy/  
THORACIC NEOPLASMS, surgery
6389. Tellez A, Rubinstein P: Rapid method for separation of  
blood cells. Transfusion 10:223-5, Jul-Aug 70  
\*BLOOD CELLS/ BLOOD PLATELETS/  
\*CENTRIFUGATION/ DEXTRAN/ EDTA/  
ERYTHROCYTES/ HUMAN/ LYMPHOCYTES/  
METHODS/ STAINS AND STAINING/  
VISCOSITY
6390. Tempel K: Zur Wirkung von Desoxyribonucleinsäure  
und Heparinoiden auf den Nucleinsäurestoffwechsel  
der Maus. Z Naturforsch [B] 24:1550-5, Dec 69 (Ger)  
ANIMAL EXPERIMENTS/  
DEOXYRIBONUCLEASE, metabolism/ \*DNA,  
metabolism/ \*DNA, pharmacodynamics/  
\*HEPARIN, pharmacodynamics/ \*HEPARINOID,  
pharmacodynamics/ HYPERPLASIA/ KIDNEY,  
metabolism/ LIVER, metabolism/ LUNG,  
metabolism/ MICE/ ORGAN WEIGHT/  
\*POLYSACCHARIDES, pharmacodynamics/  
\*POLYVINYLS, pharmacodynamics/ SPLEEN,  
metabolism/ STIMULATION, CHEMICAL/  
THYMUS GLAND, metabolism
6391. Temple TE, Liddle GW: Inhibitors of adrenal steroid  
biosynthesis.  
Ann Rev Pharmacol 10:199-218, 1970 (122 ref.)  
\*ADRENAL CORTEX HORMONES, antagonists  
& inhibitors/ \*ADRENAL CORTEX  
HORMONES, biosynthesis/ ADRENAL  
GLANDS, drug effects/ ADRENAL GLANDS,  
metabolism/ ADRENAL GLANDS,  
physiopathology/ ALDOSTERONE, biosynthesis/  
AMINOGLUTETHIMIDE, diagnostic use/  
AMINOGLUTETHIMIDE, pharmacodynamics/  
ANIMAL EXPERIMENTS/ CORTICOTROPIN,  
pharmacodynamics/ DDD, pharmacodynamics/  
DOGS/ HEPARIN, pharmacodynamics/  
HEPARINOID, pharmacodynamics/ HUMAN/  
HYDROCORTISONE, pharmacodynamics/  
HYPERTENSION, etiology/ METYRAPONE,  
diagnostic use/ METYRAPONE,  
pharmacodynamics/ PHENETHYLAMINES,  
pharmacodynamics/ PITUITARY-ADRENAL  
SYSTEM, drug effects/ PYRIDINES,  
pharmacodynamics/ REVIEW/ SODIUM,  
metabolism/ STRESS
6392. Temriazanskaia RA: Osobennosti gemokoagulyatsii pri  
ozhogovoi bolezni. Lab Delo 2:113-4, 1970 (Rus)  
\*BLOOD COAGULATION/ \*BURNS, blood/  
HUMAN
6393. Tenconi L, Santambrogio C, Civardi F, et al: L'attività  
tripsino-simile del siero nella diagnostica delle  
malattie del pancreas esocrino: studio sperimentale.  
Biol Lat (Milano) 21:81-7, Jan-Mar 68 (Ita)  
ANIMAL EXPERIMENTS/ ARGININE,  
metabolism/ KALLIKREIN, metabolism/  
MALE/ \*PANCREATIC DISEASES, diagnosis/  
PANCREATIC JUICE, analysis/ \*PEPTIDE  
HYDROLASES, blood/ RATS/ THROMBIN,  
metabolism/ \*TRYPSIN, blood/ TRYPSIN,  
metabolism
6394. Tenhunen R, Marver HS, Schmid R: Microsomal heme  
oxygenase. Characterization of the enzyme.  
J Biol Chem 244:6388-94, 10 Dec 69  
ANIMAL EXPERIMENTS/ AZIDES/  
BENZOATES/ BILIRUBIN, biosynthesis/  
BRAIN, enzymology/ CARBON MONOXIDE,  
metabolism/ CYANIDES/ DEPRESSION,  
CHEMICAL/ DETERGENTS/ DEUTERIUM/  
HEME/ HEMOGLOBIN/ IN VITRO/ KIDNEY,  
enzymology/ KINETICS/ LIPASE/ LUNG,  
enzymology/ MALE/ MERCURY/ METHODS/  
\*MICROSOMES, enzymology/ \*MICROSOMES,  
LIVER, enzymology/ MYOGLOBIN/ NADP,  
metabolism/ OXYGEN CONSUMPTION/  
OXYGENASES, antagonists & inhibitors/  
\*OXYGENASES, metabolism/  
PHOSPHOLIPASE/ PORPHYRINS/ RATS/  
SPLEEN, enzymology/ TIME FACTORS/  
TRYPSIN
6395. Tenhunen R, Ross ME, Marver HS, et al: Reduced  
nicotinamide-adenine dinucleotide phosphate  
dependent biliverdin reductase: partial purification  
and characterization.  
Biochemistry (Wash) 9:298-303, 20 Jan 70  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BENZOATES/ BILIRUBIN/  
BRAIN, enzymology/ CALCIUM PHOSPHATES/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
COPPER/ DEXTRAN/ DIALYSIS/ GEL  
FILTRATION/ GUINEA PIGS/ HEME/  
HUMAN/ KIDNEY, enzymology/ KINETICS/  
LIVER, enzymology/ MERCURY/ METHODS/  
MUSCLES, enzymology/ NAD/ \*NADP/  
ORGAN SPECIFICITY/ \*OXIDOREDUCTASES/  
OXIDOREDUCTASES, antagonists & inhibitors/  
OXIDOREDUCTASES, isolation & purification/  
OXYGENASES/ PRECIPITATION/ RATS/  
SERUM ALBUMIN/ SOLUBILITY/  
SPECTROPHOTOMETRY/ SPLEEN,  
enzymology/ TIME FACTORS/ TRYPSIN
6396. Teodorescu P, Nicolaescu V, Ionăşescu R: Studiul  
adezivităţii plachetare în ateroscleroză.  
Med Intern (Bucur) 22:705-12, Jun 70 (Rum)  
ADULT/ \*ARTERIOSCLEROSIS, blood/  
\*BLOOD PLATELETS/ \*CORONARY DISEASE,  
blood/ ENGLISH ABSTRACT/ HUMAN/  
MALE/ MIDDLE AGE/ PLATELET  
ADHESIVENESS
6397. Teodori MI: Nereshennye i spornye voprosy v probleme  
sistemnykh sosudistykh zabolevani.  
Kardiologiya 9:3-12, Aug 69 (55 ref.) (Rus)  
ANEMIA, HEMOLYTIC, complications/  
ANIMAL EXPERIMENTS/ ARTERITIS,  
classification/ ARTERITIS, diagnosis/  
ARTERITIS, immunology/ ARTERITIS,  
pathology/ AUTOIMMUNE DISEASES/  
CEREBROVASCULAR DISORDERS/  
ENDOCRINE DISEASES, complications/  
ENGLISH ABSTRACT/ HUMAN/  
INFLAMMATION/ ISCHEMIA/ NERVOUS  
SYSTEM DISEASES, complications/  
PERIARTERITIS NODOSA, pathology/  
PULMONARY ARTERY, pathology/ PURPURA,  
THROMBOPENIC, complications/ RENAL  
ARTERY, pathology/ REVIEW/  
THROMBOANGITIS OBLITERANS, diagnosis/  
THROMBOSIS, pathology/ \*VASCULAR  
DISEASES/ VASCULAR DISEASES, chemically  
induced/ VASCULAR DISEASES, classification/  
VASCULAR DISEASES, etiology/ VASCULAR  
DISEASES, familial & genetic/ VASCULAR  
DISEASES, immunology/ VASCULAR  
DISEASES, pathology/ VASOMOTOR SYSTEM,  
physiopathology
6398. Tepper PA, Bratchik AM, Chernysheva LN: O  
nekotorykh biologicheskikh svoistvakh krovi,  
pokinuvishei sosudistoi lozhe.  
Probl Gemat 13:21-4, Jun 68 (Rus)  
ABDOMEN, blood supply/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/ FEMALE/  
HEMATOMA/ HUMAN/ JOINTS, blood supply/  
PLEURA, blood supply/ PREGNANCY
6399. Terada H: [Studies on platelets and interaction with  
particular reference to the interaction of influenza  
virus with blood platelets]



# AUTHOR SECTION

- Acta Haemat Jap 32:45-51, Feb 69 (Jap)  
ANIMAL EXPERIMENTS/ \*BLOOD  
PLATELETS/ BLOOD PLATELETS,  
enzymology/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ \*INFLUENZA VIRUSES/  
INFLUENZA VIRUSES, enzymology/  
INJECTIONS, INTRAVENOUS/ MALE/  
MEASLES VACCINE/ MICROSCOPY,  
ELECTRON/ RABBITS/ VIRUS DISEASES
6400. Terada H, Suzuki S: [Platelet function tests]  
Jap J Clin Path 16:Suppl 16:48-58, 1969 (Jap)  
BLOOD CELL COUNT/ BLOOD  
COAGULATION FACTORS, analysis/ \*BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
physiology/ CLOT RETRACTION/ FEMALE/  
HEMOSTASIS/ HUMAN/ MALE/ METHODS/  
MICROSCOPY, PHASE CONTRAST/  
PLATELET ADHESIVENESS
6401. Terao Y: Isolation of all soluble tryptic peptides from  
the alpha polypeptide chain of adult hemoglobin from  
Japanese monkey (*Macaca fuscata fuscata*) and their  
amino acid compositions.  
Acta Med Nagasaki 13:170-82, Mar 69  
\*AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CHROMATOGRAPHY,  
PAPER/ DIGESTION/ GLOBINS/ HEME/  
\*HEMOGLOBIN/ HUMAN/ MONKEYS/  
\*PEPTIDES, isolation & purification/  
PRECIPITATION/ TIME FACTORS/ TRYPSIN
6402. Terekhina NK, Liabina LM, Cherenkovskaia IA:  
Sravnitel'naya kharakteristika tripsina difko i  
khimopsina pri rabote s tkanyami kul'turami.  
Vop Virus 15:120-3, Jan-Feb 70 (Rus)  
\*CHYMOTRYPSIN, standards/ ENGLISH  
ABSTRACT/ \*TISSUE CULTURE/ \*TRYPSIN,  
standards/ \*VIRUS CULTIVATION
6403. Terent'eva EI, Vinograd-Finkel' FR, Talelenova NN, et  
al: Elektronnomikroskopicheskie issledovaniia  
éritrotsitov tsel'noi krov, ul'trabystrozamorozhennoi  
s polvinilpirlolidonom v zhidkom azote.  
Probl Gemat 15:20-5, Apr 70 (Rus)  
\*BLOOD PRESERVATION/ ENGLISH  
ABSTRACT/ \*ERYTHROCYTES, cytology/  
FREEZING/ HUMAN/ METHODS/  
MICROSCOPY, ELECTRON/ NITROGEN/  
POLYVINYLPIRROLIDONE
6404. Terheggen HG, Kramer S, Helmann K: Ataxia  
Telangiectasia (Louis-Bar-Syndrom). Bericht über  
sieben Fälle. Z Kinderheilk 107:324-42, 1970 (Ger)  
ADOLESCENCE/ \*ATAXIA TELANGIECTASIA,  
diagnosis/ ATAXIA TELANGIECTASIA,  
etiology/ ATAXIA TELANGIECTASIA, familial  
& genetic/ ATAXIA TELANGIECTASIA,  
immunology/ ATAXIA TELANGIECTASIA,  
radiography/ BRAIN NEOPLASMS,  
complications/ CEREBELLUM, abnormalities/  
CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS,  
DIFFERENTIAL/ ENGLISH ABSTRACT/ EYE  
MANIFESTATIONS/ FEMALE/ HEMANGIOMA,  
complications/ HUMAN/ INFANT/ LEUKEMIA,  
complications/ LYMPHOMA, complications/  
MALE/ SKIN MANIFESTATIONS
6405. Terreni F, Taddeucci E: Osservazioni  
clinico-terapeutiche sulle trombocitopenie migranti.  
Osped Ital Chir 21:135-41, Aug 69 (Ita)  
\*ARM, blood supply/ ENGLISH ABSTRACT/  
HUMAN/ \*LEG, blood supply/ MALE/  
MIDDLE AGE/ STREPTOKINASE, therapeutic  
use/ \*THROMBOPHLEBITIS/  
THROMBOPHLEBITIS, drug therapy
6406. Terskaia LV: O nekotorykh osobennostakh  
tromboélastogrammy u beremennykh i rozhenits.  
Akush Ginek (Moskva) 45:63-5, Nov 69 (Rus)  
ADULT/ \*BLOOD COAGULATION/ FEMALE/  
HUMAN/ \*PREGNANCY/ \*PUERPERIUM/  
THROMBELASTOGRAPHY
6407. Terštianska G, Cerný J, Geryk B: Kongenitálne  
malformácie končatinových ciev u detí.  
Bratisl Lek Listy 52:459-63, Oct 69 (Slo)  
ANGIOGRAPHY/ ANGIOMATOSIS, congenital/  
\*ARTERIOVENOUS FISTULA, congenital/  
ARTERIOVENOUS MALFORMATIONS/  
\*BLOOD VESSELS, abnormalities/ CHILD/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
EXTREMITIES/ HEMANGIOMA, CAVERNOUS,  
surgery/ HUMAN/ INFANT/ MALE/ PENILE  
DISEASES
6408. Terzuolo D: Epidemiologia, patogenesi e profilassi  
dell'aterosclerosi. Considerazioni medico-sociali.  
Arch Sci Med (Torino) 125:542-50, Oct 68 (Ita)  
\*ARTERIOSCLEROSIS, etiology/  
ARTERIOSCLEROSIS, prevention & control/  
BLOOD COAGULATION DISORDERS,  
complications/ CHOLESTEROL, blood/  
HUMAN/ OBESITY, complications/  
OCCUPATIONS/ STRESS, PSYCHOLOGIC,  
complications
6409. Tetzner E: Verbesserung der Methodik des Nachweises  
spezifischer Endopeptidasen bei Krebs (modifizierte  
Abderhaldensche Reaktion)  
Krebsarzt 24:289-94, 1969 (Ger)  
ADOLESCENCE/ ADULT/ AGED/ ENGLISH  
ABSTRACT/ \*ENZYME TESTS/ FEMALE/  
HUMAN/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, pharmacodynamics/ LIVER  
NEOPLASMS, diagnosis/ MALE/ NEOPLASM  
METASTASIS/ \*NEOPLASMS, diagnosis/  
\*PEPTIDE PEPTIDOHYDROLASES, urine/  
STOMACH NEOPLASMS, diagnosis/  
UROGENITAL NEOPLASMS, diagnosis
6410. Teulings FA, Biggs GJ: Study of electrolytic labeling of  
fibrinogen with 131-iodine by Sephadex G-10 gel  
filtration. Clin Chim Acta 27:57-64, Jan 70  
CHEMISTRY/ DEXTRAN/ ELECTROLYSIS/  
\*FIBRINOGEN/ FIBRINOGEN, metabolism/  
\*GEL FILTRATION/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ IODIDES/  
\*IODINE/ IODINE ISOTOPES/  
OXIDATION-REDUCTION/  
THROMBOPHLEBITIS, metabolism/ TIME  
FACTORS
6411. Thang MN: Structures et activités des polynucléotides  
phosphorylases.  
Bull Soc Chim Biol (Paris) 51:1407-27, 1969 (Fre)  
AZOTOBACTER, enzymology/  
CENTRIFUGATION, DENSITY GRADIENT/  
CLOSTRIDIUM PERFRINGENS, enzymology/  
ELECTROPHORESIS/ ESCHERICHIA COLI,  
enzymology/ HEAT/ ISOENZYMES, analysis/  
MERCAPTOETHANOL/ MICROCOCCUS,  
enzymology/ MOLECULAR WEIGHT/  
PROTEIN DENATURATION/ \*RNA  
NUCLEOTIDYL- TRANSFERASES, analysis/  
TRYPSIN/ ULTRACENTRIFUGATION/ UREA
6412. Tharp JD, Garrett RA: Bowel obstruction as a  
complication of transperitoneal cutaneous  
ureterostomy. J Urol 102:513-4, Oct 69  
ADHESIONS, complications/ CHILD,  
PRESCHOOL/ FEMALE/ HUMAN/  
HYDRONEPHROSIS, surgery/ INFANT/  
\*INTESTINAL OBSTRUCTION, etiology/  
MALE/ \*POSTOPERATIVE COMPLICATIONS/  
\*URINARY DIVERSION, adverse effects
6413. Theisinger W: Zur Behandlung der grossen  
Magenblutung. Zbl Chir 94:670-5, 17 May 69 (Ger)  
ADULT/ AGE FACTORS/ AGED/ BLOOD  
TRANSFUSION/ FEMALE/ GASTRITIS,  
complications/ HEMORRHAGE,  
GASTROINTESTINAL, mortality/  
\*HEMORRHAGE, GASTROINTESTINAL,  
surgery/ HEMORRHAGE,  
GASTROINTESTINAL, therapy/  
HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ MALE/ MIDDLE AGE/ PEPTIC  
ULCER HEMORRHAGE, surgery/ STOMACH  
NEOPLASMS, complications/ TIME FACTORS
6414. Theiss W, Graeff H, Bleyl U, et al: Reversible Stadien  
intravaskulärer Gerinnung und ihre Auswirkungen  
auf Nierenfunktion und Urokinaseausscheidung.  
Thromb Diath Haemorrh 23:369-85, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ \*BLOOD COAGULATION  
DISORDERS, complications/ DISSEMINATED  
INTRAVASCULAR COAGULATION, chemically



## AUTHOR SECTION

- induced/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ FIBRIN, analysis/ FIBRINOLYSIS/ \*FIBRINOLYTIC AGENTS, urine/ KALLIKREIN-TRYPSIN INACTIVATOR/ KIDNEY, pathology/ \*KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS/ LIVER, pathology/ LUNG, pathology/ RABBITS/ SODIUM CHLORIDE/ SPLEEN, pathology/ THROMBELASTOGRAPHY/ THROMBIN
6415. Thibault P: Actualité de la thérapeutique anticoagulante. Presse Med 78:127-8, 17 Jan 70 (Fre)  
ANTICOAGULANTS, adverse effects/ \*ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ \*CORONARY DISEASE, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ \*THROMBOEMBOLISM, drug therapy
6416. Thierry MJ, Hermanson MA, Suttie JW: Vitamin K and warfarin distribution and metabolism in the warfarin-resistant rat.  
Amer J Physiol 219:854-9, Oct 70  
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ GENETICS/ IN VITRO/ LIVER, metabolism/ MALE/ MICROSOMES, LIVER, metabolism/ PHYTONADIONE, metabolism/ RATS/ RIBOSOMES, metabolism/ SPECTROPHOTOMETRY/ \*VITAMIN K, metabolism/ \*WARFARIN, metabolism
6417. Thilo D, Von Kaulla KN: Structure-dependent inhibition by synthetic fibrinolytic anions of collagen-induced aggregation of human platelets.  
J Med Chem 13:503-10, May 70  
ANTHRANILIC ACID, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ \*COLLAGEN, antagonists & inhibitors/ \*FIBRINOLYTIC AGENTS, chem synthesis/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ SALICYLIC ACID, pharmacodynamics/ THIOPHENES, pharmacodynamics
6418. Thomas C: Haemophilia—a teacher's view.  
Nurs Times 66:880-1, 9 Jul 70  
ADOLESCENT PSYCHOLOGY/ \*ATTITUDE/ \*HEMOPHILIA/ HUMAN/ MALE/ \*TEACHING
6419. Thomas C, Saudax E, Raspiller A: Angiome de la papille. Bull Soc Ophtal Franc 70:141-4, Jan 70 (Fre)  
ADOLESCENCE/ ADULT/ \*ANGIOMA, SCLEROSING, complications/ CHILD/ \*EYE NEOPLASMS, complications/ HUMAN/ MALE/ \*OPTIC NERVE/ RETINAL DETACHMENT, complications
6420. Thomas CS Jr, Adkins RB Jr, Lanier VC Jr, et al: The surgical management of intrahepatic hematomas.  
Amer Surg 36:171-8, Mar 70  
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ DRAINAGE/ FEMALE/ HEMATOCRIT/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ \*HEMATOMA, surgery/ HUMAN/ LIVER, injuries/ LIVER DISEASES, diagnosis/ LIVER DISEASES, etiology/ \*LIVER DISEASES, surgery/ MALE/ MIDDLE AGE
6421. Thomas DP: Streptokinase for pulmonary embolism.  
Lancet 2:418, 22 Aug 70  
FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ \*PULMONARY EMBOLISM, drug therapy/ \*STREPTOKINASE, therapeutic use
6422. Thomas DP: The management of pulmonary embolic disease. Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, therapeutic use/ ASPIRIN/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, physiopathology/ CALCIUM/ CATECHOLAMINES/ CENTRAL VENOUS PRESSURE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HISTAMINE/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ \*PULMONARY EMBOLISM, therapy/ REVIEW/ SEROTONIN/ STREPTOKINASE/ THROMBIN/ THROMBOEMBOLISM, physiopathology/ THROMBOEMBOLISM, therapy/ TIME FACTORS/ VENOMS, therapeutic use
6423. Thomas DP: The management of pulmonary embolic disease. Amer J Med Sci 259:157-63, Mar 70 (42 ref.)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ EPINEPHRINE, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ \*PULMONARY EMBOLISM, therapy/ REVIEW/ SNAKES/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ VENOMS, therapeutic use
6424. Thomas DP, Niewiarowski S, Ream VJ: Release of adenine nucleotides and platelet factor 4 from platelets of man and four other species.  
J Lab Clin Med 75:607-18, Apr 70  
\*ADENINE NUCLEOTIDES, blood/ ADENOSINE TRIPHOSPHATE, blood/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ \*BLOOD PLATELETS, metabolism/ CATS/ CITRATES/ DISEASE MODELS, ANIMAL/ EPINEPHRINE, pharmacodynamics/ GUINEA PIGS/ HUMAN/ PLATELET ADHESIVENESS/ RABBITS/ SPECIES SPECIFICITY/ SWINE/ THROMBIN, pharmacodynamics/ THROMBOSIS, blood
6425. Thomas DP, Niewiarowski S, Myers AR, et al: A comparative study of four methods for detecting fibrinogen degradation products in patients with various diseases. New Eng J Med 283:663-8, 24 Sep 70  
ADULT/ AGGLUTINATION TESTS/ ARTHRITIS, RHEUMATOID, blood/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ERYTHROCYTES/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMALE/ FIBRIN, metabolism/ \*FIBRINOGEN, metabolism/ FIBRINOLYSIS, analysis/ FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HODGKIN'S DISEASE, blood/ HUMAN/ IMMUNOASSAY/ KIDNEY DISEASES, blood/ LIVER CIRRHOSIS, blood/ LYMPHOSARCOMA, blood/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ NEOPLASMS, blood/ PLASMINOGEN, analysis/ STAPHYLOCOCCUS
6426. Thomas ED, Storb R: Technique for human marrow grafting. Blood 36:507-15, Oct 70  
ADULT/ ASPIRATION/ BLOOD TRANSFUSION/ \*BONE MARROW, transplantation/ BONE MARROW CELLS/ CELL COUNT/ CHILD, PRESCHOOL/ FEMALE/ HEPARIN/ HUMAN/ ILLUM/ INJECTIONS, INTRAVENOUS/ MALE/ METHODS/ SPECIMEN HANDLING, instrumentation/ STERNUM/ TIBIA/ TRANSPLANTATION, HOMOLOGOUS
6427. Thomas GK, Arbon RA: Preoperative screening for potential T&A bleeding.  
Arch Otolaryng (Chicago) 91:453-6, May 70  
\*ADENOIDECTOMY/ ADENOIDECTOMY, mortality/ \*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ HEMORRHAGE, prevention & control/ HUMAN/ MASS SCREENING/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*PREOPERATIVE CARE/ RETROSPECTIVE STUDIES/ \*TONSILLECTOMY/ TONSILLECTOMY, mortality/ UNITED STATES
6428. Thomas TV: Management of acute and subacute renal artery occlusion. Amer Heart J 80:430-1, Sep 70



## AUTHOR SECTION

- COLLATERAL CIRCULATION/ EMBOLISM, drug therapy/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ NEPHRECTOMY/ PERITONEAL DIALYSIS/ RENAL ARTERY, injuries/ \*RENAL ARTERY OBSTRUCTION, therapy/ THROMBOSIS, drug therapy
6429. Thompson AR: Inhibition of thrombin by sarin. *Biochim Biophys Acta* 198:392-5, 11 Feb 70  
BLOOD COAGULATION, drug effects/ CATTLE/ \*CHOLINESTERASE INHIBITORS/ ENZYME ACTIVATION/ ESTERASES, antagonists & inhibitors/ \*PHOSPHORIC ACIDS/ \*THROMBIN, antagonists & inhibitors/ THROMBIN, isolation & purification/ TIME FACTORS
6430. Thompson EW, Laycock MV, Ramshaw JA, et al: The amino acid sequence of Phaseolus aurea L. (mung-bean) cytochrome c. *Biochem J* 117:183-92, Mar 70  
AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ \*CYTOCHROMES, analysis/ MITOCHONDRIA/ PEPTIDES/ \*PLANTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ WHEAT
6431. Thompson JE, Weston AS, Sigler L, et al: Arterial embolectomy after acute myocardial infarction. A study of 31 patients. *Ann Surg* 171:979-86, Jun 70  
ADULT/ AGED/ AMPUTATION/ AORTIC DISEASES, complications/ ARRHYTHMIA, etiology/ BLOOD COAGULATION DISORDERS/ CATHETERIZATION/ DIAGNOSIS, DIFFERENTIAL/ \*EMBOLISM, etiology/ EMBOLISM, surgery/ FEMALE/ HEART BLOCK, etiology/ HEPARIN, therapeutic use/ HUMAN/ INTENSIVE CARE UNITS/ MALE/ MIDDLE AGE/ MONITORING SYSTEMS/ \*MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, mortality/ POSTOPERATIVE COMPLICATIONS/ RETROSPECTIVE STUDIES/ THROMBOSIS, complications
6432. Thompson JH: Effects of nicotine and tobacco smoke on gastric secretion in rats with gastric fistulas. *Amer J Dig Dis* 15:209-17, Mar 70  
ANIMAL EXPERIMENTS/ GASTRIC FISTULA/ GASTRIC JUICE, analysis/ \*GASTRIC JUICE, secretion/ HEPARIN, administration & dosage/ MALE/ \*NICOTINE, pharmacodynamics/ PEPSIN, secretion/ RATS/ SMOKING/ \*STOMACH, drug effects/ STOMACH, secretion/ TOBACCO
6433. Thompson JN, Scott ML: Impaired lipid and vitamin E absorption related to atrophy of the pancreas in selenium-deficient chicks. *J Nutr* 100:797-809, Jul 70  
AMINO ACIDS/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ ATROPHY, etiology/ CARBON ISOTOPES/ CHICKENS/ CHYMOTRYPSIN, metabolism/ DEFICIENCY DISEASES, complications/ \*DEFICIENCY DISEASES, metabolism/ DIATHESIS, prevention & control/ DIET/ FECES, analysis/ GLYCERIDES, metabolism/ INTESTINAL ABSORPTION/ LIPASE, metabolism/ \*LIPIDS, metabolism/ PANCREAS, enzymology/ PANCREAS, pathology/ \*PANCREATIC DISEASES, etiology/ \*SELENIUM/ SELENIUM, therapeutic use/ TRYPSIN, metabolism/ VITAMIN E, blood/ \*VITAMIN E, metabolism/ VITAMIN E, therapeutic use
6434. Thompson JS: Atheromata in an inbred strain of mice. *J Atheroscler Res* 10:113-22, Jul-Aug 69  
ANIMAL EXPERIMENTS/ AORTA, pathology/ AORTIC DISEASES, familial & genetic/ \*ARTERIOSCLEROSIS, familial & genetic/ ARTERIOSCLEROSIS, pathology/ DIET, ATHEROGENIC/ \*GENOTYPE/ \*INBREEDING/ MALE/ \*MICE/ SPECIES SPECIFICITY
6435. Thompson WB Jr, Brock JA: Adrenochrome monosemicarbazone sodium salicylate complex and blood loss. Report of negative results. *Obstet Gynec* 35:797-9, May 70  
\*ADRENOCHROME, administration & dosage/ ADULT/ AGED/ BLOOD VOLUME/ CLINICAL RESEARCH/ FEMALE/ GYNECOLOGIC DISEASES, surgery/ \*HEMORRHAGE, drug therapy/ HEMOSTASIS/ HUMAN/ HYSTERECTOMY/ METHODS/ MIDDLE AGE/ PLACEBOS/ \*SEMICARBAZIDES, administration & dosage/ \*SODIUM SALICYLATE, administration & dosage
6436. Thomson JM, Chart IS: The system for laboratory control of oral anticoagulant therapy using the British comparative thromboplastin. *J Med Lab Techn* 27:207-12, Apr 70  
\*ANTICOAGULANTS, administration & dosage/ GREAT BRITAIN/ HUMAN/ THROMBOPLASTIN, isolation & purification/ \*THROMBOPLASTIN, standards
6437. Thomson RG, Benson ML, Savan M: Pneumonic pasteurellosis of cattle: microbiology and immunology. *Canad J Comp Med* 33:194-206, Jul 69  
CATTLE/ \*CATTLE DISEASES/ CATTLE DISEASES, immunology/ CATTLE DISEASES, microbiology/ FIBRINOGEN, blood/ LUNG, microbiology/ NOSE, microbiology/ PASTURELLA, isolation & purification/ PASTURELLA INFECTIONS, immunology/ PASTURELLA INFECTIONS, microbiology/ \*PASTURELLA INFECTIONS, veterinary
6438. Thonnard-Neumann E: Some interrelationships of vasoactive substances and basophilic leukocytes in migraine headache. *Headache* 9:130-40, Oct 69  
\*BASOPHILS, physiopathology/ FEMALE/ HEADACHE, physiopathology/ \*HEPARIN, blood/ \*HISTAMINE LIBERATION/ HUMAN/ \*MIGRAINE, physiopathology
6439. Thonnard-Neumann E, Fox RR, Taylor WL: Basophilic leukocytes in the hyperlipemic rabbit. *Blut* 20:214-21, Apr 70  
ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIOSCLEROSIS, chemically induced/ \*BASOPHILS/ CHOLESTEROL/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ FEMALE/ \*HYPERLIPEMIA, blood/ HYPERLIPEMIA, chemically induced/ LEUKOCYTE COUNT/ LIPOPROTEINS, blood/ MALE/ RABBITS
6440. Thorne KJ, Barker DC: Bactoprenol, ATPase and acetate activating enzymes of a vesicular fraction from *Lactobacillus casei*. *Europ J Biochem* 11:582-91, Dec 69  
ACETATES/ \*ACYLTRANSFERASES/ \*ADENOSINE TRIPHOSPHATASE, metabolism/ \*ALCOHOLS, biosynthesis/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CELL WALL, growth & development/ EDTA/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ LACTOBACILLUS, enzymology/ \*LACTOBACILLUS, metabolism/ MEVALONIC ACID, metabolism/ MICROSCOPY, ELECTRON/ MURAMIDASE/ \*PHOSPHOTRANSFERASES, metabolism/ \*TERPENES, biosynthesis/ TRYPSIN
6441. Thornes RD: Anticoagulant therapy in patients with cancer. *J Irish Med Ass* 62:426-9, Dec 69  
\*ANTICOAGULANTS, therapeutic use/ DRUG SYNERGISM/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS, pathology/ \*NEOPLASMS, drug therapy/ PROGNOSIS
6442. Thornes RD, Kee JL, Devlin JG, et al: Complement dependent cytotoxic autoantibodies in patients with acute leukaemia following fibrinolytic therapy by protease 1 of *aspergillus oryzae*. *Irish J Med Sci* 3:107-14, Mar 70  
ADULT/ ASPERGILLUS, enzymology/ \*AUTOANTIBODIES/ BLOOD TRANSFUSION/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FIBRINOLYSIS/ HUMAN/ LEUKEMIA, MYELOBLASTIC, immunology/ \*LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ MIDDLE AGE/ \*PEPTIDE HYDROLASES, therapeutic use
6443. Thorpe NO, Singer SJ: The affinity-labeled residues in antibody active sites. II. Nearest-neighbor analyses. *Biochemistry (Wash)* 8:4523-34, Nov 69



# AUTHOR SECTION

- AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ \*AZO COMPOUNDS/ BENCE JONES PROTEIN/ \*BINDING SITES/ BORON COMPOUNDS/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DIAZONIUM COMPOUNDS/ ELECTROPHORESIS/ \*GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ \*HAPTENS/ METHODS/ MICE/ MODELS, STRUCTURAL/ \*NITROBENZENES/ PEPTIDE HYDROLASES/ \*PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS/ TRITIUM/ \*TYROSINE/ TYROSINE, analysis
6444. Thorsby E: HL-A antigens and genes. I. A study of unrelated Norwegians. *Vox Sang* 17:81-92, Aug 69  
ABSORPTION/ \*ANTIGENS, analysis/ BLOOD GROUPS/ BLOOD PLATELETS, immunology/ GENES/ \*GENETICS, BIOCHEMICAL/ \*GENETICS, POPULATION/ HUMAN/ IMMUNE SERUMS/ LYMPHOCYTES, immunology/ NOMENCLATURE/ NORWAY
6445. Thouverez JP, Coeur P, Bryon PA, et al: Microsphérocytose associée à un déficit en facteur IX. *Sem Hop Paris* 46:621-2, 20 Feb 70 (Fre)  
ADULT/ \*ANEMIA, HEMOLYTIC, CONGENITAL, complications/ ANEMIA, HEMOLYTIC, CONGENITAL, familial & genetic/ BLOOD COAGULATION DISORDERS/ CASE REPORT/ \*CHRISTMAS DISEASE, complications/ CHRISTMAS DISEASE, familial & genetic/ HUMAN/ MALE
6446. Threefoot SA, Cabrera-Gil C, Pearson JE Jr: Collateral circulation, renal function and histology after experimental obstruction of renal veins. *Chest* 58:249-60, Sep 70  
ANIMAL EXPERIMENTS/ \*COLLATERAL CIRCULATION/ DISEASE MODELS, ANIMAL/ EDEMA/ FEMALE/ HEMORRHAGE/ HEMOSTASIS/ INFARCTION/ \*KIDNEY, pathology/ \*KIDNEY, physiopathology/ OVARY, blood supply/ PROTEINURIA/ RATS/ \*RENAL VEINS/ \*THROMBOPHLEBITIS, pathology/ \*THROMBOPHLEBITIS, physiopathology/ TIME FACTORS
6447. Thumb N, Weidinger P, Atefi K: Intraartikuläre Therapie mit einem Proteinasehemmer. *Wien Z Inn Med* 51:7-11, 1970 (Ger)  
ADULT/ AGED/ \*ARTHRITIS, therapy/ \*ARTHRITIS, RHEUMATOID, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HIP JOINT/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KNEE JOINT/ MALE/ MIDDLE AGE/ SYNOVIAL FLUID
6448. Thune S, Stötter G: Behandlung des akuten Nierenversagens und der chronischen Niereninsuffizienz mit einer Ausatmtherapie von Trasylol. *Med Welt* 52:2797-809, Dec 69 (Ger)  
ADULT/ FEMALE/ HUMAN/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ \*KIDNEY FAILURE, ACUTE, drug therapy/ \*KIDNEY FAILURE, CHRONIC, drug therapy/ MALE/ MIDDLE AGE
6449. Tiamson E, Fritz KE, Campana H, et al: Studies in rabbits of cellular mechanisms accounting for enhancement of diet-induced atherosclerosis by x-irradiation. *Exp Molec Path* 12:175-84, Apr 70  
ANIMAL EXPERIMENTS/ AORTA, THORACIC, radiation effects/ \*ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BODY WEIGHT/ CHOLESTEROL, blood/ \*DIET, ATHEROGENIC/ DNA, biosynthesis/ HYPERLIPEMIA/ MALE/ MUSCLE, SMOOTH, metabolism/ RABBITS/ \*RADIATION INJURY, EXPERIMENTAL, pathology/ THYMIDINE, metabolism/ TRITIUM
6450. Tickner EG, Sacks AH: Engineering simulation of the viscous behavior of whole blood using suspensions of flexible particles. *Circ Res* 25:389-400, Oct 69  
ACRYLIC RESINS/ BIOMECHANICS/ BLOOD FLOW VELOCITY/ \*BLOOD VISCOSITY/ \*ERYTHROCYTES, physiology/ \*HEMODYNAMICS/ MATHEMATICS/ \*MODELS, BIOLOGIC/ MODELS, STRUCTURAL/ RHEOLOGY/ SUSPENSIONS
6451. Tidball ME, Grim JF: Effect of pH, bicarbonate, and acetazolamide and active release of cellular histamine. *Amer J Physiol* 218:923-8, Mar 70  
\*ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BICARBONATES, pharmacodynamics/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ CALCIUM, physiology/ HISTAMINE, blood/ \*HISTAMINE LIBERATION, drug effects/ \*HYDROGEN-ION CONCENTRATION/ ISOTONIC SOLUTIONS/ MALE/ RABBITS/ TROMETHAMINE
6452. Tikhonova GP, Sidorov KK: Kharakter ostrogo deistvija na organizm monóetanóleténdiamina. *Farmakol Toksik* 32:473-5, Jul-Aug 69 (Rus)  
ACID-BASE EQUILIBRIUM, drug effects/ ACUTE DISEASE/ ADRENAL GLAND DISEASES, chemically induced/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ CALCIUM, blood/ CHLORIDES, urine/ DEPRESSION, CHEMICAL/ DIURESIS, drug effects/ ENGLISH ABSTRACT/ \*ETHYLENEDIAMINES, poisoning/ GASTROINTESTINAL DISEASES, chemically induced/ HEMORRHAGE, chemically induced/ HIPPURATES, urine/ MALE/ NECROSIS, chemically induced/ PROTEINURIA, chemically induced/ RATS/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ STIMULATION, CHEMICAL/ VASCULAR DISEASES, chemically induced
6453. Tikhonova NE: Vlianie khlorpropamida na chuvstvitel'nost' krysa k diabetogennomu deistviu alloksana. *Probl Endokr (Moskva)* 16:95-9, Mar-Apr 70 (Rus)  
PROB ENDOKR (Moskva) 16:95-9, Mar-Apr 70 (Rus)  
\*ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ \*CHLORPROPAMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ GLUCOSE, pharmacodynamics/ INSULIN, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RATS
6454. Tilles JG: Diethylaminoethyl-dextran enhancement of interferon induction by a complexed polyribonucleotide. *Proc Soc Exp Biol Med* 133:1334-41, Apr 70  
\*DEXTRAN/ \*DRUG SYNERGISM/ ETHYLAMINES/ FIBROBLASTS/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ \*INTERFERON, biosynthesis/ KINETICS/ MUSCLES, cytology/ POLYNUCLEOTIDES, administration & dosage/ \*POLYNUCLEOTIDES, pharmacodynamics/ \*POLYSACCHARIDES, pharmacodynamics/ RIBONUCLEASE/ SKIN, cytology/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ VESICULAR STOMATITIS VIRUS
6455. Tillmanns H, Pförtner P: Wundheilung von Episiotomien unter Nachbehandlung mit Aescin. *München Med Wschr* 111:2410-2, 14 Nov 69 (Ger)  
\*AESCULUS, therapeutic use/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ EPISIOTOMY/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ POSTOPERATIVE CARE/ PUERPERIUM/ \*WOUND HEALING, drug effects
6456. Tilz GP, Saller S: Über das Verhalten der Thrombozytenaggregation bei Leberzirrhose. *Wien Z Inn Med* 51:1-6, 1970 (Ger)  
ADENINE NUCLEOTIDES, pharmacodynamics/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, complications/ \*BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ \*LIVER CIRRHOSIS, blood/ PHOTOMETRY/ PLATELET ADHESIVENESS



# AUTHOR SECTION

6457. Timerbaev VN, Bellaev LA, Zubairov DM: Issledovanie struktury protrombina sobaki i mekhanizma ego autoaktivatsii. *Biokhimiya* 34:1100-6, Nov-Dec 69 (Rus)  
AMINO ACID SEQUENCE/ \*AMINO ACIDS/  
AMINO ACIDS, analysis/ AMMONIUM  
COMPOUNDS/ ANTIGENS/ \*BIOCHEMISTRY/  
CHEMISTRY/ CITRATES/ DOGS/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
ENZYME ACTIVATION/ GEL FILTRATION/  
IMMUNOELECTROPHORESIS/  
PROTHROMBIN/ PROTHROMBIN, analysis/  
SULFATES/ THIOCYANATES/ THROMBIN
6458. Timerbaev VN, Ganeeva RR: K voprosu o gemofilii B. *Probl Gemat* 14:21-3, Mar 69 (Rus)  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/ \*CHRISTMAS  
DISEASE, blood/ ENGLISH ABSTRACT/  
HUMAN/ \*PROTHROMBIN, diagnostic use
6459. Timofeeva LM: Soderzhanie komponentov adenilovoi sistemy i aktivnost' fermentov v trombotsitakh bol'nykh trombotsitemiei. *Vop Med Khim* 16:240-4, May-Jun 70 (Rus)  
\*ADENINE NUCLEOTIDES, blood/  
\*ADENOSINE TRIPHOSPHATASE, blood/  
BLOOD PLATELETS, enzymology/ \*BLOOD  
PLATELETS, metabolism/ ENGLISH  
ABSTRACT/ \*GLYCERALDEHYDEPHOSPHATE  
DEHYDROGENASE, blood/ \*HEMORRHAGIC  
THROMBOCYTHEMIA, blood/ HEMORRHAGIC  
THROMBOCYTHEMIA, enzymology/  
\*HEXOKINASE, blood/ HUMAN/ \*LACTATE  
DEHYDROGENASE, blood
6460. Tinterova Z, Ognianov M: Immunoelectrodiffusional determination of beta-lipoproteins in the plasma of heparin-treated patients. *Clin Chim Acta* 26:583, Dec 69  
ANTIGENS/ ARTERIOSCLEROSIS, drug  
therapy/ BLOOD, drug effects/ HEPARIN,  
pharmacodynamics/ \*HEPARIN, therapeutic  
use/ HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/  
LIPOPROTEINS, blood/ METHODS/  
STIMULATION, CHEMICAL
6461. Tischendorf FW, Tischendorf MM: Markers of the variable and constant region of human lambda immunoglobulin chains. *Europ J Biochem* 13:398-402, Apr 70  
ALLELES/ AMINO ACID SEQUENCE/  
ANTIGENIC DETERMINANTS/ \*ANTIGENS/  
ARGININE/ \*BENCE JONES PROTEIN/  
BLOOD GROUPS/ FORMIC ACIDS/ \*GAMMA  
GLOBULIN, 7S/ GAMMA GLOBULIN, 7S,  
analysis/ GEL DIFFUSION TESTS/ GENES/  
GENETIC CODE/ GERM CELLS/ HUMAN/  
IMMUNE SERUMS/ IMMUNOGLOBULINS/  
LYSINE/ MACROGLOBULINEMIA, blood/  
MULTIPLE MYELOMA, blood/ \*PEPTIDES/  
PEPTIDES, analysis/ PEPTIDES, classification/  
TRYPSIN
6462. Titani K, Wikler M, Shinoda T, et al: The amino acid sequence of a lambda type Bence-Jones protein. 3. The complete amino acid sequence and the location of the disulfide bridges. *J Biol Chem* 245:2171-6, 25 Apr 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
\*BENCE JONES PROTEIN/  
CHROMATOGRAPHY, PAPER/  
CHYOTRYPSIN/ CYSTEINE, analysis/  
ELECTROPHORESIS/ HUMAN/ MICE/  
PEPSIN/ PEPTIDES, analysis/ SPECIES  
SPECIFICITY/ SULFIDES, analysis/  
SULFONIC ACIDS, analysis/ TRYPSIN
6463. Titani K, Wikler M, Putnam FW: The amino acid sequence of a lambda type Bence-Jones protein. I. Tryptic peptides. *J Biol Chem* 245:2142-57, 25 Apr 70  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ \*BENCE JONES PROTEIN/  
CHROMATOGRAPHY, ION EXCHANGE/  
HUMAN/ MULTIPLE MYELOMA/ PEPTIDES,  
analysis/ TRYPSIN
6464. Tiwary CM: Thrombocytopenia and pituitary necrosis associated with rubella. *Proc Roy Soc Med* 62:908-9, Sep 69  
CHILD/ HEMATURIA, complications/ HUMAN/  
MALE/ NECROSIS, complications/  
\*PITUITARY DISEASES, complications/  
PITUITARY DISEASES, pathology/ PURPURA,  
THROMBOPENIC, complications/ \*RUBELLA,  
complications/ \*THROMBOPENIA,  
complications
6465. Tizard IR: Macrophage cytophilic antibody in mice. Differentiation between antigen adherence due to these antibodies and opsoni adherence. *Int Arch Allerg* 36:332-46, 1969  
ANIMAL EXPERIMENTS/ \*ANTIBODIES,  
analysis/ BINDING SITES/ BONE MARROW  
CELLS/ BRAIN, immunology/  
CHROMATOGRAPHY, ION EXCHANGE/  
COMPLEMENT/ ELECTROPHORESIS/  
ERYTHROCYTES, immunology/  
FIBROBLASTS/ FREEZING/ GEL  
FILTRATION/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ LIVER,  
immunology/ \*MACROPHAGES, immunology/  
MERCAPTOETHANOL/ MICE/ NEUTROPHILS,  
immunology/ \*OPSONINS, analysis/ PEPSIN/  
SPLEEN, immunology/ TISSUE CULTURE/  
TRYPSIN
6466. Tkachenko AF, Shubina AV: Svertyvaemost' krovi u bol'nykh aterosklerozom i ee izmeneniia pod vlianiem kompleksnogo lecheniia. *Vop Kurort Fizioter* 34:40-4, 1969 (Rus)  
\*ARTERIOSCLEROSIS, therapy/  
BALNEOLOGY/ \*BLOOD COAGULATION/  
DIET THERAPY/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE/ MINERAL WATERS
6467. Toda N, Seno N: Sialic acid in the keratan sulfate fraction from whale cartilage. *Biochim Biophys Acta* 208:227-35, 12 May 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ \*CARTILAGE, analysis/  
\*CETACEA/ CHROMATOGRAPHY, ION  
EXCHANGE/ CORNEA, analysis/ FUCOSE,  
analysis/ GALACTOSE, analysis/  
GLUCOSAMINE, analysis/ HEXOSAMINES,  
analysis/ MANNOSE, analysis/  
\*MUCOPOLYSACCHARIDES, analysis/  
\*NEURAMINIC ACIDS, analysis/  
NEURAMINIDASE/ PEPTIDE HYDROLASES/  
SULFURIC ACIDS
6468. Todd GM: Testing of acid-citrate-dextrose anticoagulant solution for absence of pyrogens. *J Pharm Pharmacol* 22:152, Feb 70  
ANIMAL EXPERIMENTS/  
\*ANTICOAGULANTS, analysis/ BIOLOGICAL  
ASSAY/ BLOOD TRANSFUSION/ \*CITRATES,  
analysis/ \*GLUCOSE, analysis/ METHODS/  
\*PYROGENS, analysis/ RABBITS
6469. Todorović V: Lien mobile. *Srpski Arh Celok Lek* 97:1233-4, 1969 (Ser)  
ADHESIONS/ AGED/ HUMAN/ MALE/  
\*SPLEEN, abnormalities/ TORSION
6470. Todrick A, Tait AC: The inhibition of human platelet 5-hydroxytryptamine uptake by tricyclic antidepressive drugs. The relation between structure and potency. *J Pharm Pharmacol* 21:751-62, Nov 69  
AMITRIPTYLINE, pharmacodynamics/ \*BLOOD  
PLATELETS, metabolism/ DESIPRAMINE,  
pharmacodynamics/ DIBENZAZEPINES,  
pharmacodynamics/ HUMAN/ \*IMIPRAMINE,  
pharmacodynamics/ IN VITRO/ SEROTONIN,  
antagonists & inhibitors/ \*SEROTONIN,  
metabolism
6471. Toledo TM, Samuelson J, Moser RH: Alpha--antitrypsin deficiency: a case report. *Milit Med* 134:1531-4, Dec 69  
ADULT/ ASTHMA, complications/ BLOOD  
PROTEIN ELECTROPHORESIS/ FEMALE/  
HUMAN/ \*PULMONARY EMPHYSEMA, blood/  
PULMONARY EMPHYSEMA, drug therapy/  
RESPIRATORY FUNCTION TESTS/ \*TRYPSIN  
INHIBITORS, blood
6472. Tolman EL, Tepperman HM, Tepperman J: Effect of ethyl p-chlorophenoxyisobutyrate on rat adipose lipoprotein lipase activity. *Amer J Physiol* 218:1313-8, May 70



# AUTHOR SECTION

- ADIPOSE TISSUE, drug effects/ \*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ \*ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTILIPEMIC AGENTS, pharmacodynamics/ CLOFIBRATE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ \*LIPOPROTEIN LIPASE, metabolism/ MALE/ \*PROPIONATES, pharmacodynamics/ PROTAMINES, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ STIMULATION, CHEMICAL/ TRIGLYCERIDES, blood
6473. Tolnai S, Tolnai G: Lysosomal hydrolases in experimental amyloidosis. II. Effects of dimethylsulfoxide in vivo and in vitro. *Virchow Arch [Zellpath]* 4:151-63, 1969  
ACID PHOSPHATASE, metabolism/ AMYLOIDOSIS, chemically induced/ \*AMYLOIDOSIS, enzymology/ ANIMAL EXPERIMENTS/ CASEIN, pharmacodynamics/ \*DIMETHYL SULFOXIDE, pharmacodynamics/ GLYCOSIDE HYDROLASES, metabolism/ \*HYDRO-LYASES, metabolism/ IN VITRO/ KIDNEY, enzymology/ LIVER, enzymology/ \*LYSOSOMES, enzymology/ \*MEMBRANES, drug effects/ PEPTIDE HYDROLASES, metabolism/ RATS/ SPLEEN, enzymology
6474. Tolstopiatova IA: O vozmozhnosti opredeleniia retractsii kroviyanogo sgustka na pribore koagulografе. *Lab Delo* 9:543-5, 1969 (Rus)  
\*BLOOD COAGULATION TESTS/ CLOT RETRACTION/ HUMAN/ METHODS
6475. Tomaszewski J, Wozniak K: Renina i angiotensyna. *Postepy Blochem* 16:21-32, 1970 (63 ref.) (Pol)  
\*ANGIOTENSIN/ ANGIOTENSIN, metabolism/ \*ANGIOTENSINASE/ ANIMAL EXPERIMENTS/ CATTLE/ HORSES/ HUMAN/ KIDNEY/ KIDNEY, metabolism/ LIVER, enzymology/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ \*RENIN/ RENIN, isolation & purification/ RENIN, metabolism/ REVIEW/ SWINE/ TRYPSIN
6476. Tombridge TL: Massive blood transfusion problems. *JAMA* 213:629, 27 Jul 70  
\*BLOOD TRANSFUSION, adverse effects/ HUMAN/ \*THROMBOPENIA, etiology
6477. Topley E, Bruce-Chwatt LJ, Dorrell J: Haematological study of a rodent malaria model. *J Trop Med Hyg* 73:1-8, Jan 70  
ANEMIA, etiology/ ANEMIA, metabolism/ ANIMAL EXPERIMENTS/ ANOPHELES/ BLOOD, microbiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ \*DISEASE MODELS, ANIMAL/ ERYTHROCYTES, ABNORMAL/ FOLIC ACID, metabolism/ HEMOGLOBIN, analysis/ IRON, metabolism/ LEUKOCYTE COUNT/ LIVER, pathology/ \*MALARIA, blood/ MICE/ MONOCYTES/ ORGAN WEIGHT/ SPLEEN, pathology/ SPLENECTOMY
6478. Topusov VS: Posleoperatsionnaya spaechnaya neprokhodimost' kishchechnika u detei (Voprosy klassifikatsii, profilaktiki i lecheniia) *Vestn Khir Grekov* 103:72-8, Dec 69 (Rus)  
\*ADHESIONS/ ADHESIONS, complications/ ADHESIONS, prevention & control/ CHILD/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ \*INTESTINAL OBSTRUCTION/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, therapy
6479. Torelli M, Rigillo N: Dossaggio dell'aptoglobina, dell'orosomucoide di Winzler e del fibrinogeno nella malattia di pfaundier-Hurlier e nella malattia di Morquio-Ullrich. *Pediatria (Napoli)* 77:570-4, 1969 (Ita)  
BLOOD CHEMICAL ANALYSIS/ BLOOD PROTEIN ELECTROPHORESIS/ \*ECCENTRO-OSTEOCHONDRODYSPLASIA, blood/ ENGLISH ABSTRACT/ \*FIBRINOGEN, analysis/ \*GLYCOPROTEINS, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ \*LIPOCHONDRODYSSTROPHY, blood
6480. Toremain NG, Nilsson IM: Stapedectomy in a patient with von Willebrand's disease. *Ann Otol* 79:331-7, Apr 70  
ADULT/ AUDIOMETRY/ BLOOD COAGULATION TESTS/ FACTOR VIII, administration & dosage/ FEMALE/ HEARING/ HEMORRHAGE, prevention & control/ HUMAN/ \*OTOSCLEROSIS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ \*STAPES SURGERY/ \*VON WILLEBRAND'S DISEASE, complication
6481. Toriyama T, Niwa K, Itsushima K, et al: [Therapeutic use of Coagumlin in the surgery of paranasal sinusitis] *Otolaryngology (Tokyo)* 42:715-7, Sep 70 (Jap)  
ADOLESCENCE/ ADULT/ \*AMINOCAPROIC ACID, therapeutic use/ \*ANTICOAGULANTS, therapeutic use/ \*CYCLOHEXANE, therapeutic use/ ETHYLAMINES, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*SINUSITIS, surgery/ \*VITAMIN K, therapeutic use
6482. Torretti H, Singer ED, Casal J: Hematoma perirrenae espontaneo (dos casos) *Rev Argent Urol* 38:229-32, Sep 69 (Spr)  
FEMALE/ \*HAMARTOMA, complications/ \*HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ \*KIDNEY NEOPLASMS, etiology/ KIDNEY NEOPLASMS, surgery/ \*KIDNEY PAPILLARY NECROSIS, complications/ MIDDLE AGE/ NEPHRECTOMY
6483. Torres J: Hemoptisis en la enfermedad de Rendu-Osler-Weber. *Torax* 18:103-5, Jun 69 (Spr)  
ADULT/ AGED/ ANGIOMA, SCLEROSING, complications/ ENGLISH ABSTRACT/ FEMALE/ \*HEMOPTYSIS, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MOUTH NEOPLASMS, complications/ \*TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications
6484. Torstenson OL, Humphrey GB, Edson JR, et al: Cystic fibrosis presenting with severe hemorrhage due to vitamin K malabsorption: a report of three cases *Pediatrics* 45:857-61, May 70  
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ \*CYSTIC FIBROSIS, etiology/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ \*MALABSORPTION SYNDROMES, complications/ \*VITAMIN K DEFICIENCY, complications
6485. Tosaki Y, Shirai T, Taori M: [Experimental study of modified fluid gelatin as a plasma substitute (2)] *Jap J Anesth* 18:932-41, Oct 69 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD VISCOSITY/ BLOOD VOLUME/ DOG/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE/ \*GELATIN/ GELATIN, blood/ GELATIN, urine/ HEART RATE/ HEMATOCRIT/ HEMORRHAGE, therapy/ HYDROGEN-ION CONCENTRATION/ \*PLASMA SUBSTITUTES
6486. Toskes PP, Wagger GM, Raskin HF, et al: Coagulation defects in undiagnosed recurrent gastrointestinal bleeding. *Ann Surg* 172:98-108, Jul 70  
ADULT/ AGED/ ASPIRIN, pharmacodynamics/ \*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS, pharmacodynamics/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ CHRISTMAS DISEASE, complications/ FACTOR VIII, analysis/ FACTOR XI DEFICIENCY, complications/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMOPHILIA, complications/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ \*HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/



## AUTHOR SECTION

### PROTHROMBIN TIME/ VON WILLEBRAND'S DISEASE, complications

6487. Tóth S, Muszbek L, Szilágyi T, et al: Shwartzman phenomenon without endotoxin preparation. *Experientia* 25:1085-6, 15 Oct 69  
ANIMAL EXPERIMENTS/ CASEIN/  
\*ENDOTOXINS/ ESCHERICHIA COLI/  
LYSOSOMES, enzymology/ PEPTONES/  
RABBITS/ \*SHWARTZMAN PHENOMENON,  
etiology/ SHWARTZMAN PHENOMENON,  
pathology/ SKIN, pathology

6488. Totskaia AA, Frinovskaia IV, Terent'eva EI: Ul'trastruktural'nyye svoystva krovianykh plastinok pri gemorragicheskoi trombocitemii. *Probl Gemat* 13:15-21, Jan 68 (Rus)  
\*BLOOD COAGULATION/ BLOOD DONORS/  
\*BLOOD PLATELETS/ ENGLISH ABSTRACT/  
\*HEMORRHAGIC THROMBOCYTHEMIA, blood/  
HEMORRHAGIC THROMBOCYTHEMIA,  
pathology/ HUMAN/ MICROSCOPY,  
ELECTRON

6489. Touchard P, Guimbretière J: Cytopenie médicamenteuse avec anticorps actifs en présence d'acide acétyl-salicylique et d'acide niflumique. *Rev Franc Transfus* 12:Suppl:415-9, 1969 (Fre)  
ADENINE, adverse effects/ ADULT/  
ANALGESICS AND ANTIPYRETICS,  
therapeutic use/ \*ANTIBODIES, analysis/  
ANTIGENS/ \*ASPIRIN/ ASPIRIN, adverse  
effects/ BLOOD GROUPS/ BLOOD  
TRANSFUSION/ BONE MARROW  
EXAMINATION/ DRUG HYPERSENSITIVITY,  
complications/ \*DRUG HYPERSENSITIVITY,  
immunology/ DRUG HYPERSENSITIVITY,  
therapy/ ERYTHROCYTE COUNT/ HUMAN/  
ISOANTIBODIES/ LEUKOCYTE COUNT/  
MALE/ MELENA, etiology/ \*NICOTINIC  
ACID/ NICOTINIC ACID, adverse effects/  
PLANT AGGLUTININS, therapeutic use/  
PROPOXYPHENE, adverse effects/  
RHEUMATISM, drug therapy/ VITAMIN K,  
therapeutic use

6490. Touloukian RJ: Hepatic hemangioendothelioma during infancy: pathology, diagnosis and treatment with prednisone. *Pediatrics* 45:71-6, Jan 70  
CASE REPORT/ FEMALE/  
\*HEMANGIOENDOTHELIOMA/  
HEMANGIOENDOTHELIOMA, diagnosis/  
HEMANGIOENDOTHELIOMA, drug therapy/  
HEMANGIOENDOTHELIOMA, pathology/  
HEMANGIOENDOTHELIOMA, radiotherapy/  
HUMAN/ INFANT/ LIVER, pathology/ \*LIVER  
NEOPLASMS/ LIVER NEOPLASMS, diagnosis/  
LIVER NEOPLASMS, drug therapy/ LIVER  
NEOPLASMS, pathology/ LIVER NEOPLASMS,  
radiotherapy/ \*PREDNISONE, therapeutic use

6491. Tournoux M: Les dangers des anticoagulants vus par le neurologue. *Maroc Med* 49:623-5, Nov 69 (Fre)  
\*ANTICOAGULANTS, adverse effects/  
\*CARDIOVASCULAR DISEASES, drug therapy/  
\*CEREBRAL HEMORRHAGE, chemically  
induced/ CEREBROVASCULAR DISORDERS,  
chemically induced/ HUMAN/ \*PERIPHERAL  
NERVE DISEASES, chemically induced

6492. Toussaint D, Danis P: Vascular density coefficients in normal human retina and relationship to distance from disc. *Arch Ophthalmol (Chicago)* 83:281-5, Mar 70  
\*CAPILLARIES, anatomy & histology/  
HISTOCYTOCHEMISTRY/ HUMAN/ MACULA  
LUTEA, anatomy & histology/  
MATHEMATICS/ OPTIC NERVE, anatomy &  
histology/ \*RETINAL VESSELS, anatomy &  
histology/ TRYPSIN

6493. Touzard RC: Résultats de la prévention des accidents thrombo-emboliques (100 malades opérés de la hanche) Sem Hop Paris 45:2481-3, 8 Oct 69 (Fre)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ \*ANTICOAGULANTS, administration &  
dosage/ CHILD/ FEMALE/ HEPARIN,  
administration & dosage/ \*HIP, surgery/  
HUMAN/ MALE/ MIDDLE AGE/ PHLEBITIS,  
drug therapy/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/

### PROTHROMBIN TIME/ \*THROMBOEMBOLISM, prevention & control

6494. Tovey GH: Immunological problems of the multi-transfused patient. *Brit J Haemat* 17:604-5, Dec 69  
\*ANTIBODY FORMATION/ BLOOD  
PLATELETS, immunology/ BLOOD PROTEINS/  
\*BLOOD TRANSFUSION, adverse effects/  
HUMAN/ ISOANTIBODIES, analysis/  
LEUKOCYTES, immunology

6495. Townley RG, Rynning F, Lynch H, et al: Obstructive lung disease in hereditary alpha 1-antitrypsin deficiency. *JAMA* 214:325-31, 12 Oct 70  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
ANOXIA, complications/ ASTHMA, diagnosis/  
BLOOD PROTEIN ELECTROPHORESIS/  
CHILD/ DIAGNOSIS, DIFFERENTIAL/  
DYSPNEA, PAROXYSMAL, diagnosis/  
FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/  
HUMAN/ IMMUNOELECTROPHORESIS/ LUNG  
COMPLIANCE/ MALE/ METABOLISM,  
INBORN ERRORS, complications/  
METABOLISM, INBORN ERRORS, diagnosis/  
\*METABOLISM, INBORN ERRORS, familial &  
genetic/ MIDDLE AGE/ PEDIGREE/  
PULMONARY EMPHYSEMA, complications/  
\*PULMONARY EMPHYSEMA, familial &  
genetic/ RESPIRATORY INSUFFICIENCY,  
complications/ SERUM ALBUMIN, analysis/  
\*TRYPSIN INHIBITORS/ TRYPSIN  
INHIBITORS, blood/ VITAL CAPACITY

6496. Townsend CH Jr, Vyvial TM, Wood AJ, et al: Antihuman lymphocyte globul. Simplified production procedure for human use. Preliminary report. *Texas Rep Biol Med* 27:497-504, Summer 69  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ ANTILYMPHOCYTE SERUM,  
therapeutic use/ HEMAGGLUTINATION  
TESTS/ HORSES/ HUMAN/  
\*IMMUNOSUPPRESSIVE AGENTS/ KIDNEY,  
transplantation/ \*LYMPHOCYTES/ METHODS/  
\*SEROOTHERAPY/ SPLEEN, cytology/  
THROMBOPENIA

6497. Townsend CM Jr, Vyvial TM, Wood AJ, et al: Antihuman lymphocyte globul. Simplified production procedure for human use. Preliminary report. *Texas Rep Biol Med* 27:497-504, Summer 69  
ANIMAL EXPERIMENTS/ ANTIBODIES,  
analysis/ ANTILYMPHOCYTE SERUM,  
therapeutic use/ HEMAGGLUTINATION  
TESTS/ HORSES/ HUMAN/ \*IMMUNE  
SERUMS, therapeutic use/  
\*IMMUNOSUPPRESSIVE AGENTS/ KIDNEY,  
transplantation/ \*LYMPHOCYTES/ METHODS/  
SPLEEN, cytology/ THROMBOPENIA

6498. Toyama S, Suzuki K: [Blood coagulability in coronary sclerosis--results of thrombelastography] *Saishin Igaku* 25:951-6, Apr 70 (Jap)  
ANTICHOLESTEREMIC AGENTS, therapeutic  
use/ \*BLOOD COAGULATION/ \*CORONARY  
DISEASE, physiopathology/ HUMAN/ LIPIDS,  
blood/ \*THROMBELASTOGRAPHY

6499. Tozawa Y, Ota E: [Separation of plasminogen and plasmin by DEAE Sephadex A-50 column chromatography] *Jap J Clin Path* 18:571-4, Aug 70 (Jap)  
CASEIN/ \*CHROMATOGRAPHY/  
COMPARATIVE STUDY/ \*FIBRINOLYSIS,  
isolation & purification/ FIBRINOLYSIS/  
HUMAN/ METHODS/ \*PLASMINOGEN,  
isolation & purification

6500. Tozawa Y, Uwasawa K: [Thrombelastographic method for estimating fibrinolytic activity] *Jap J Clin Path* 18:545-9, Aug 70 (Jap)  
ADULT/ CATTLE/ COMPARATIVE STUDY/  
FEMALE/ FIBRINOGEN/ \*FIBRINOLYSIS/  
FIBRINOLYTIC AGENTS/ HUMAN/ MALE/  
METHODS/ STREPTOKINASE/  
\*THROMBELASTOGRAPHY/ THROMBIN

6501. Traeger J, Carraz M, Perrin J, et al: Utilisation chez l'homme de globulines antilymphocytaires. Résultats cliniques en transplantation rénale.



# AUTHOR SECTION

- Minerva Nefrol 15:96-116, Jan-Apr 68 (Fre)  
 ADOLESCENCE/ ADRENAL CORTEX  
 HORMONES, therapeutic use/ ADULT/  
 ANTILYMPHOCYTE SERUM, administration &  
 dosage/ \*ANTILYMPHOCYTE SERUM,  
 therapeutic use/ BLOOD COAGULATION, drug  
 effects/ BONE MARROW, drug effects/ DRUG  
 TOLERANCE/ ERYTHROPOIESIS/  
 HEMATOPOIETIC SYSTEM, drug effects/  
 HUMAN/ IMMUNOSUPPRESSIVE AGENTS,  
 therapeutic use/ \*KIDNEY, transplantation/  
 LEUKOCYTES, drug effects/ MIDDLE AGE/  
 SERUM GLOBULINS, administration & dosage/  
 \*SERUM GLOBULINS, therapeutic use/  
 \*TRANSPLANTATION, HOMOLOGOUS/  
 \*TRANSPLANTATION IMMUNOLOGY
6502. Traeger J, Fries D, Revillard JP, et al: Production of human antilymphocytic serum in horse with thoracic duct lymphocytes and peripheral blood lymphocytes. Fed Proc 29:108-10, Jan-Feb 70  
 ADSORPTION/ AMMONIUM COMPOUNDS/  
 ANIMAL EXPERIMENTS/ ANTIBODIES,  
 analysis/ \*ANTILYMPHOCYTE SERUM,  
 biosynthesis/ BLOOD PLATELETS,  
 immunology/ CELL MEMBRANE, immunology/  
 COMPLEMENT/ COMPLEMENT FIXATION  
 TESTS/ DRAINAGE/ ERYTHROCYTES,  
 immunology/ HEMAGGLUTINATION TESTS/  
 HORSES/ HUMAN/ HYPERSENSITIVITY,  
 DELAYED, immunology/ IMMUNIZATION  
 SCHEDULE/ LYMPHOCYTE  
 TRANSFORMATION/ \*LYMPHOCYTES,  
 immunology/ MICROSCOPY, ELECTRON/  
 MICROSOMES, immunology/ MITOCHONDRIA,  
 immunology/ PRECIPITATION/ SKIN,  
 transplantation/ \*THORACIC DUCT, cytology/  
 THORACIC DUCT, immunology/  
 TRANSPLANTATION, HOMOLOGOUS/  
 TRANSPLANTATION IMMUNOLOGY
6503. Trajković B, Radojčić B, Bojanić N: Moschcowitz-sindrom sa timomom. Srpski Arh Celok Lek 97:611-5, May 69 (Ser)  
 ADULT/ HUMAN/ MALE/ \*PURPURA,  
 THROMBOTIC THROMBOPENIC, complications/  
 \*THYMOMA, complications
6504. Tran-van-Ky P, Torck C, Vaucelle T, et al: Etude comparée sur immunoélectrophorégramme des enzymes de l'extrait antigénique d'Aspergillus fumigatus, révélés par des sérums expérimentaux et des sérums de malades atteints d'aspergillose. Sabouraudia 7:73-84, Jun 69 (Fre)  
 ANTIGEN-ANTIBODY REACTIONS/  
 ASPERGILLOSIS, diagnosis/ ASPERGILLOSIS,  
 enzymology/ \*ASPERGILLOSIS, immunology/  
 \*ASPERGILLUS, enzymology/ \*ASPERGILLUS,  
 immunology/ BLOOD PROTEIN  
 ELECTROPHORESIS/ CATALASE, analysis/  
 CHYMOTRYPSIN, analysis/ COMPARATIVE  
 STUDY/ GLUCURONIDASE, analysis/ HUMAN/  
 IMMUNE SERUMS/  
 IMMUNOELECTROPHORESIS/ MYCOSES,  
 diagnosis/ PRECIPITIN TESTS/ RABBITS/  
 STAINS AND STAINING
6505. Traverse PM de, Henrotte JG, Deprattère R: Etude de la conservation des échantillons de plasma et de sérum destinés aux analyses biologiques. Ann Biol Clin (Paris) 27:253-8, Mar-Apr 69 (Fre)  
 ANTI-INFECTIVE AGENTS, LOCAL/ \*BLOOD  
 PRESERVATION/ \*BLOOD PROTEINS,  
 analysis/ \*BLOOD SUGAR, analysis/  
 \*CHOLESTEROL, blood/ ENGLISH  
 ABSTRACT/ HEMOLYSIS/ HUMAN/  
 \*LIPOPROTEINS, blood/ \*UREA, blood
6506. Trebbin H, Mittermayer C, Künzer W, et al: Fetale (?) Endokarditis und Verbrauchskoagulopathie bei einem Neugeborenen. Deutsch Med Wschr 95:1418-9, 26 Jun 70 (Ger)  
 \*BLOOD COAGULATION DISORDERS,  
 diagnosis/ BLOOD COAGULATION TESTS/  
 \*ENDOCARDITIS, diagnosis/ ENDOCARDITIS,  
 embryology/ ENDOCARDITIS, etiology/  
 HUMAN/ INFANT, NEWBORN/ \*INFANT,  
 NEWBORN, DISEASES, diagnosis
6507. Trade M: Experimental investigations into the behaviour of coagulation and renal function during high dilution perfusions with glucose, Haemacel and Rheomacrodex. Bibl Haemat 33:553-68, 1969  
 ANIMAL EXPERIMENTS/ BLOOD CELL  
 COUNT/ \*BLOOD COAGULATION, drug  
 effects/ BLOOD COAGULATION TESTS/  
 BLOOD PLATELETS/ DEXTRAN, adverse  
 effects/ DOGS/ \*EXTRACORPOREAL  
 CIRCULATION/ FIBRINOLYSIS, drug effects/  
 GELATIN, pharmacodynamics/ GLUCOSE,  
 pharmacodynamics/ HEMODYNAMICS/  
 HEPARIN, pharmacodynamics/ KIDNEY,  
 pathology/ \*KIDNEY FUNCTION TESTS/  
 \*PLASMA SUBSTITUTES/ PROTAMINES,  
 pharmacodynamics/ THROMBELASTOGRAPHY/  
 VASCULAR RESISTANCE, drug effects
6508. Tregubenko AI: O sinzheni letal'nost' pri posleoperatsionnykh trombozakh i émboliakh. Khirurgia (Moskva) 45:65-9, Jun 69 (Rus)  
 ANTICOAGULANTS, therapeutic use/  
 AUTOPSY/ BLOOD COAGULATION  
 DISORDERS, drug therapy/ EMBOLISM,  
 mortality/ \*EMBOLISM, prevention & control/  
 ENGLISH ABSTRACT/ HUMAN/  
 \*POSTOPERATIVE COMPLICATIONS,  
 mortality/ RETROSPECTIVE STUDIES/  
 THROMBOSIS, mortality/ \*THROMBOSIS,  
 prevention & control
6509. Triantaphyllopoulos E: Hemolysis and blood coagulation: evidence of inhibitory effects. Life Sci 9:99-110, 22 Jan 70  
 ADULT/ AMINOCAPROIC ACID,  
 pharmacodynamics/ \*BLOOD COAGULATION/  
 FIBRINOGEN, analysis/ FREEZING/  
 \*HEMOLYSIS/ HUMAN/ MIDDLE AGE/  
 PROTHROMBIN TIME/  
 THROMBELASTOGRAPHY/ THROMBIN/  
 THROMBOPLASTIN/ TIME FACTORS/  
 TRYPSIN INHIBITORS, pharmacodynamics
6510. Triantaphyllopoulos DC, Brunetti AJ, Triantaphyllopoulos E: Increased prothrombin conversion: a new activity of lysed fibrinogen. Brit J Haemat 18:127-34, Feb 70  
 ANIMAL EXPERIMENTS/ BLOOD PROTEIN  
 ELECTROPHORESIS/ CALCIUM/ CATTLE/  
 CHROMATOGRAPHY, DEAE-CELLULOSE/  
 \*FIBRINOGEN/ FIBRINOLYSIS/ HUMAN/  
 PHOSPHOLIPIDS/ PRECIPITATION/  
 \*PROTHROMBIN/ THROMBIN, biosynthesis
6511. Triantaphyllopoulos DC, Muirhead CR, Triantaphyllopoulos E: Properties of thrombin and fibrinolysin lysed fibrin. Thromb Diath Haemorrh 36:Suppl 36:269+, 1969  
 ANTICOAGULANTS/ BLOOD COAGULATION/  
 BLOOD PROTEIN ELECTROPHORESIS/  
 CHROMATOGRAPHY, DEAE-CELLULOSE/  
 ELECTROPHORESIS/ \*FIBRIN/ FIBRINOGEN/  
 \*FIBRINOLYSIS/ GEL FILTRATION/ GELS/  
 HUMAN/ MOLECULAR WEIGHT/  
 PROTHROMBIN, metabolism/ \*THROMBIN/  
 THROMBIN, antagonists & inhibitors
6512. Trieff NM, Smith S, Sgouris JT: Spontaneous activation of placental plasminogen (profibrinolysin). Texas Rep Biol Med 27:505-11, Summer 69  
 KINETICS/ \*PLACENTA/ \*PLASMINOGEN/  
 STREPTOKINASE
6513. Trimarchi L: A proposito di un caso di phlegmasia cerulea dolens: considerazioni terapeutiche. Minerva Med 61:421-3, 3 Feb 70 (Ita)  
 ADULT/ ANTIBIOTICS, therapeutic use/  
 ANTICOAGULANTS, therapeutic use/  
 ANTI-INFLAMMATORY AGENTS, therapeutic  
 use/ DRAINAGE/ FEMALE/ HUMAN/  
 PREGNANCY/ \*PREGNANCY  
 COMPLICATIONS, CARDIOVASCULAR/  
 \*SAPHENOUS VEIN, surgery/  
 \*THROMBOPHLEBITIS, drug therapy/  
 VASODILATOR AGENTS, therapeutic use
6514. Trimble GX: Bleeding after cardiac catheterization. New Eng J Med 281:1246, 27 Nov 69  
 \*BLOOD COAGULATION DISORDERS,  
 etiology/ \*HEART CATHETERIZATION,  
 adverse effects/ HUMAN



# AUTHOR SECTION

6515. Trinkle JK, Helton NE, Wood RE, et al: Metabolic comparison of a new pulsatile pump and a roller pump for cardiopulmonary bypass.  
J Thorac Cardiovasc Surg 58:562-9, Oct 69  
ADULT/ ANIMAL EXPERIMENTS/  
ARTERIES/ BLOOD COAGULATION TESTS/  
BLOOD FLOW VELOCITY/ BLOOD  
PRESSURE/ BLOOD TRANSFUSION,  
instrumentation/ COMPARATIVE STUDY/  
DOGS/ \*EXTRACORPOREAL CIRCULATION,  
instrumentation/ HEMATOCRIT/ HEMOLYSIS/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
LACTATES, blood/ OXYGEN, blood/  
PYRUVATES, blood/ VASCULAR  
RESISTANCE/ VEINS/ VENOUS PRESSURE
6516. Trinus FP, Veremeenko KN, Mokhort NA, et al: Antiproteoliticheskie svoystva nesteroidnykh protivovospalitel'nykh sredstv.  
Farmakol Toksik 32:715-8, Nov-Dec 69 (Rus)  
\*AMINOCAPROIC ACID, pharmacodynamics/  
\*AMINOPYRINE, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*ANTHRANILIC ACID,  
pharmacodynamics/ \*ANTI-INFLAMMATORY  
AGENTS, pharmacodynamics/  
\*CHYMOTRYPSIN, antagonists & inhibitors/  
COMPARATIVE STUDY/ DEPRESSION,  
CHEMICAL/ EDEMA, chemically induced/  
EDEMA, prevention & control/ ENGLISH  
ABSTRACT/ FORMALDEHYDE, antagonists &  
inhibitors/ IN VITRO/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ MEFENAMIC ACID,  
pharmacodynamics/ MICE/  
\*PHENYLBUTAZONE, pharmacodynamics/  
RABBITS/ RATS/ \*SODIUM SALICYLATE,  
pharmacodynamics/ TRYPSIN, toxicity/  
\*TRYPSIN INHIBITORS, pharmacodynamics
6517. Tripodi D, Hollenbeck L, Pollack W: The effect of endotoxin on the implantation of a mouse sarcoma.  
Int Arch Allerg 37:575-85, 1970  
ANIMAL EXPERIMENTS/ \*ENDOTOXINS,  
pharmacodynamics/ \*NEOPLASM  
TRANSPLANTATION/ RABBITS/  
SALMONELLA, immunology/ \*SARCOMA,  
EXPERIMENTAL, immunology/ SERRATIA  
MARCESCENS, immunology/ SHWARTZMAN  
PHENOMENON/ \*TRANSPLANTATION  
IMMUNOLOGY, drug effects
6518. Troll W, Klassen A, Janoff A: Tumorigenesis in mouse skin: inhibition by synthetic inhibitors of proteases.  
Science 169:1211-3, 18 Sep 70  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC  
AGENTS, pharmacodynamics/ \*ARGININE/  
BENZANTHRACENES,  
antagonists & inhibitors/ \*CELL  
TRANSFORMATION, NEOPLASTIC, drug  
effects/ CHYMOTRYPSIN, antagonists &  
inhibitors/ CROTON OIL, antagonists &  
inhibitors/ DEPRESSION, CHEMICAL/  
ESTERS, pharmacodynamics/ \*KETONES,  
pharmacodynamics/ LYSINE/ MICE/ PAPAIN,  
antagonists & inhibitors/ PHENYLALANINE/  
\*SKIN NEOPLASMS, chemically induced/  
TERPENES, antagonists & inhibitors/  
\*TRYPSIN INHIBITORS, pharmacodynamics
6519. Tronnier H: Weitere experimentelle Untersuchungen zur Wirksamkeit einer Hirudin-haltigen Salbe.  
Hautarzt 20:114-6, Mar 69 (Ger)  
\*DERMATOLOGIC AGENTS/ HEMATOMA,  
drug therapy/ \*HIRUDIN, pharmacodynamics/  
HIRUDIN, therapeutic use/ HUMAN/  
NICOTINIC ACID, therapeutic use/  
OINTMENTS/ SKIN TESTS/  
THROMBOPHLEBITIS, drug therapy
6520. Tronnier H, Pampus W: Zur medikamentösen Beeinflussung einer erniedrigten Kapillarresistenz bei Dermatosen.  
Z Allgemeinmed 45:1381-3, 20 Oct 69 (Ger)  
ASCORBIC ACID, therapeutic use/  
BIOFLAVONOIDS, therapeutic use/  
\*CAPILLARY RESISTANCE, drug effects/  
HUMAN/ RUTIN, therapeutic use/ \*SKIN  
DISEASES, drug therapy/ VITAMIN K,  
therapeutic use
6521. Troop RC: Effect of thyroxin on heparin inhibition of cortisone A-ring reduction.  
Experientia 25:1003-4, 15 Sep 69  
ANIMAL EXPERIMENTS/ BINDING SITES/  
\*CORTISONE, metabolism/ \*DRUG  
ANTAGONISM/ FEMALE/ \*HEPARIN  
ANTAGONISTS, pharmacodynamics/ LIVER,  
drug effects/ \*LIVER, metabolism/ \*NADP,  
metabolism/ OXIDOREDUCTASES, metabolism/  
RATS/ STIMULATION, CHEMICAL/  
\*THYROXINE, pharmacodynamics
6522. Trop M, Birk Y: The specificity of proteinases from Streptomyces griseus (pronase).  
Biochem J 116:19-25, Jan 70  
AMINOPEPTIDASES, analysis/ ARGININE,  
metabolism/ CARBOXYPEPTIDASES, analysis/  
CHROMATOGRAPHY, ION EXCHANGE/  
EDTA, pharmacodynamics/ ELASTIN,  
metabolism/ HIPPURATES, metabolism/  
ISOFLUOROPHATE, pharmacodynamics/  
\*PEPTIDE HYDROLASES, analysis/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
PHENYLALANINE, metabolism/  
\*STREPTOMYCES, enzymology/ TRYPSIN,  
analysis/ TRYPSIN INHIBITORS,  
pharmacodynamics/ VALINE, metabolism
6523. Ts'ao CH: Graded endothelial injury of the rabbit aorta. With special reference to platelet deposition.  
Arch Path (Chicago) 90:222-9, Sep 70  
ANIMAL EXPERIMENTS/ \*AORTA,  
ABDOMINAL, injuries/ AORTA, ABDOMINAL,  
pathology/ AORTIC DISEASES, etiology/  
\*AORTIC DISEASES, pathology/ BLOOD  
PLATELETS/ CELL NUCLEUS/ CYTOPLASM/  
EPITHELIUM, pathology/ MICROSCOPY,  
ELECTRON/ MUSCLE, SMOOTH, pathology/  
PLATELET ADHESIVENESS/ RABBITS/  
THROMBOSIS, etiology/ \*THROMBOSIS,  
pathology
6524. Ts'ao CH: Ultrastructural study of the effect of aspirin on in vitro platelet-collagen interaction and platelet adhesion to injured intima in the rabbit.  
Amer J Path 59:327-46, May 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ AORTA, injuries/  
AORTA, pathology/ \*ASPIRIN,  
pharmacodynamics/ BLOOD PLATELETS,  
cytology/ \*BLOOD PLATELETS, metabolism/  
BLOOD VESSELS, injuries/ \*COLLAGEN,  
metabolism/ FEMALE/ IN VITRO/ MALE/  
PLATELET ADHESIVENESS, drug effects/  
RABBITS/ THROMBIN, pharmacodynamics/  
VENAE CAVAE, injuries
6525. Tsapogas MJ, Miller R, Peabody RA, et al: Detection of postoperative venous thrombosis and effectiveness of prophylactic measures studied with the fibrinogen 125-I technique.  
Arch Surg (Chicago) 101:149-54, Aug 70  
ADULT/ AGED/ FEMALE/ FIBRINOGEN,  
diagnostic use/ HUMAN/ IODINE ISOTOPES,  
DIAGNOSTIC/ LEG, blood supply/ MALE/  
MIDDLE AGE/ PHLEBOGRAPHY/  
\*POSTOPERATIVE COMPLICATIONS/  
\*THROMBOPHLEBITIS, etiology/  
THROMBOPHLEBITIS, prevention & control
6526. Tsatsanidi KN, Belova NI: Krovoizlitanie v priamulu myshtsu zhivota, simulirulushchee ostryi appenditsit.  
Khirurgiya (Moskva) 45:144-5, May 69 (Rus)  
AGED/ \*APPENDICITIS, diagnosis/ CASE  
REPORT/ DIAGNOSIS, DIFFERENTIAL/  
DIAGNOSIS, SURGICAL/ FEMALE/  
HEMATOMA, diagnosis/ \*HEMORRHAGE,  
diagnosis/ HUMAN/ \*MUSCLES, blood supply/  
STOMACH DISEASES, diagnosis
6527. Tschesche H, Wachter E, Kallup G: Über Trypsininhibitoren. V. Isolierung eines Des-Thr-Ser-Pro-Gln-Arg-Trypsininhibitors vom Schwein mit voller biologischer Aktivität.  
Hoppe Seyler Z Physiol Chem 350:1662-8, Dec 69 (Ger)  
AMINO ACID SEQUENCE/  
CHROMATOGRAPHY, ION EXCHANGE/  
ENGLISH ABSTRACT/ GEL FILTRATION/  
HYDANTOINS/ \*PEPTIDES, isolation &



# AUTHOR SECTION

- purification/ SWINE/ \*TRYPSIN INHIBITORS, analysis
6528. Tschesche H, Wachter E, Kupfer S, et al: Uber Trypsinhibitoren. IV. Die zwei spezifischen Trypsinhibitoren des Schweinepankreas. Hoppe Seyler Z Physiol Chem 350:1247-56, Oct 69 (Ger)
- AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROLYSIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ HYDANTOINS/ HYDROGEN-ION CONCENTRATION/ \*PANCREAS, analysis/ \*PANCREATIC JUICE, analysis/ PEPTIDES, analysis/ SPECTRUM ANALYSIS/ SWINE/ \*TRYPSIN INHIBITORS, analysis
6529. Tschesche H, Wachter E: The structure of the porcine pancreatic secretory trypsin inhibitor. I. A sequence determination by Edman degradation and mass spectral identification of the p-bromophenyl-thiohydantoins. Europ J Biochem 16:187-98, Sep 70
- ALKYLATION/ AMINO ACID SEQUENCE/ BROMINE/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ HYDANTOINS/ OXIDATION-REDUCTION/ PANCREAS/ PEPTIDES, analysis/ SPECTRUM ANALYSIS/ SWINE/ THIOCYANATES/ TRYPSIN/ \*TRYPSIN INHIBITORS
6530. Tschirren B, Stampfli K: The therapeutic application of the plasma substitute Physogel in anesthesiology and surgery. Bibl Haemat 33:494-517, 1969
- ACCIDENTS, TRAFFIC/ ADULT/ AGED/ AMPUTATION/ AORTIC ANEURYSM, surgery/ AORTIC COARCTATION/ DEXTRAN, adverse effects/ DIURESIS, drug effects/ ELECTROLYTES/ FEMALE/ FIBRINOGEN, therapeutic use/ \*GELATIN/ GELATIN, adverse effects/ HEMORRHAGE, therapy/ HUMAN/ HYSTERECTOMY/ MALE/ MANNITOL, therapeutic use/ MIDDLE AGE/ NEPHRECTOMY/ \*PLASMA SUBSTITUTES/ PNEUMONECTOMY/ POSTOPERATIVE COMPLICATIONS, therapy/ PREGNANCY COMPLICATIONS, surgery/ PULMONARY EDEMA/ \*SHOCK, HEMORRHAGIC, therapy
6531. Tschopp TB: Aggregation of cat platelets in vitro. Thromb Diath Haemorrh 23:601-20, 30 Jun 70
- ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD SPECIMEN COLLECTION/ CATS/ DENSITOMETRY/ EPINEPHRINE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, metabolism/ SPECIES SPECIFICITY
6532. Tse D, Fekete L, Shanbrom E: A simple procedure for accurate quantitation of factor VIII inhibitors. Thromb Diath Haemorrh 23:19-25, 28 Feb 70
- ANTIGENS/ \*BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ \*FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ HUMAN/ IN VITRO
6533. Tsuchiya T: [Study of plasminogen activator and trypsin inhibitor in gastric cancer, ulcer and experimental tumor.] Arch Jap Chir 38:760-76, 1 Sep 69 (Jap)
- ANIMAL EXPERIMENTS/ ASCITES, metabolism/ \*CARCINOMA, EHRlich TUMOR, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LYMPH NODES, metabolism/ MICE/ MITOMYCIN, metabolism/ \*PLASMINOGEN, metabolism/ \*STOMACH NEOPLASMS, metabolism/ \*STOMACH ULCER, metabolism/ \*TRYPSIN INHIBITORS, metabolism
6534. Tsuchiya T, Del T: The effect of continuous oral administration of taurine in mice after whole body irradiation. Nippon Acta Radiol 29:540-6, Aug 69
- ANIMAL EXPERIMENTS/ BLOOD PLATELETS, radiation effects/ FEMALE/ HEMATOCRIT/ LEUKOCYTE COUNT/ MICE/ \*RADIATION INJURY, EXPERIMENTAL, prevention & control/ \*RADIATION-PROTECTIVE AGENTS, administration & dosage/ \*TAURINE, administration & dosage
6535. Tsuchiya Y, Tanaka K, Cook ES, et al: Effects of omega-amino acids and related compounds on staphylococcal infections in mice: a combined prophylactic-therapeutic procedure. Appl Microbiol 19:813-7, May 70
- ALANINE, therapeutic use/ \*AMINO ACIDS, therapeutic use/ AMINOBUTYRIC ACID, therapeutic use/ AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ CULTURE MEDIA/ CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ CYSTEINE, therapeutic use/ DIPEPTIDES, therapeutic use/ FEMALE/ GLYCINE, therapeutic use/ HISTIDINE, therapeutic use/ HYDROXYBUTYRATES, therapeutic use/ INJECTIONS, SUBCUTANEOUS/ MICE/ \*STAPHYLOCOCCAL INFECTIONS, prevention & control/ STAPHYLOCOCCUS/ SULFINIC ACIDS, therapeutic use/ TAURINE, therapeutic use/ VALERATES, therapeutic use
6536. Tsuji H: [Anti-inflammatory principle synthesized by a strain of Serratia sp] Folia Pharmacol Jap 65:245-59, 20 May 69 (Jap)
- ADRENALECTOMY/ ANIMAL EXPERIMENTS/ \*ANTI-INFLAMMATORY AGENTS, therapeutic use/ ASPIRIN, therapeutic use/ BROMELAINS, therapeutic use/ CARRAGEENAN/ CHYMOTRYPSIN, therapeutic use/ COMPARATIVE STUDY/ EDEMA, chemically induced/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FEMALE/ FLUFENAMIC ACID/ GRANULOMA, drug therapy/ GUINEA PIGS/ HEAT/ HISTAMINE LIBERATION, drug effects/ HYDROCORTISONE, therapeutic use/ IMMUNE SERUMS/ INDOMETHACIN, therapeutic use/ INJECTIONS, INTRAMUSCULAR/ KAOLIN/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ \*PEPTIDE HYDROLASES, therapeutic use/ PHENYLBUTAZONE, therapeutic use/ RATS/ SEROTONIN/ \*SERRATIA, enzymology/ TIME FACTORS
6537. Tsukada T, Miwa S: Studies on erythrocyte acetylcholinesterase. Acta Haemat Jap 32:353-60, Jun 69
- \*ACETYLCHOLINESTERASE, metabolism/ \*ANEMIA, HEMOLYTIC, metabolism/ ANEMIA, HEMOLYTIC, AUTOIMMUNE/ ENGLISH ABSTRACT/ \*ERYTHROCYTES, metabolism/ HEMOGLOBINURIA, PAROXYSMAL/ PEPTIDE HYDROLASES/ SPHEROCYTOSIS, HEREDITARY
6538. Tsukagoshi N, Tamura G, Arima K: A novel protoplast-bursting factor (surfactin) obtained from bacillus subtilis IAM 1213. II. The interaction of surfactin with bacterial membranes and lipids. Biochim Biophys Acta 196:211-4, 1970
- \*BACILLUS MEGATERIUM, drug effects/ BACILLUS SUBTILIS/ CELL MEMBRANE/ CEPHALINS/ DRUG RESISTANCE, MICROBIAL/ HYDROGEN-ION CONCENTRATION/ LECITHINS/ \*LIPIDS, pharmacodynamics/ \*PEPTIDES, pharmacodynamics/ PHOSPHOLIPIDS/ PROTOPLASTS, drug effects/ SOLUBILITY/ SPECTROPHOTOMETRY/ \*SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRYPSIN/ ULTRAVIOLET RAYS
6539. Tsukerman GI, Levant AD, Iaroshinskii IuN, et al: Tromboembolicheskie oslozheniia pri protezirovani klapanov serdtsa. Grudn Khir 11:23-30, Mar-Apr 69 (Rus)
- BLOOD COAGULATION/ FEMALE/ \*HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ MALE/ \*THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control



## AUTHOR SECTION

6540. Tsunakawa S: [A histometrical and histopathological study on the spleen in immunohematological diseases] *Acta Haemat Jap* 31:1066-81, Nov 68 (Jap)  
ADOLESCENCE/ ADULT/ AGED/  
\*AGRANULOCYTOSIS, pathology/ \*ANEMIA,  
HEMOLYTIC, AUTOIMMUNE, pathology/  
ANTIBODY FORMATION/ BLOOD  
PLATELETS/ CHILD/ COOMBS' TEST/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
\*LUPUS ERYTHEMATOSUS, SYSTEMIC,  
pathology/ MALE/ MIDDLE AGE/ \*PURPURA,  
THROMBOPENIC, pathology/ \*SPLEEN,  
pathology
6541. Tsunoda R: [Successful hemostasis in massive hemorrhage during labor]  
*Sanfujin Jissai* 18:1002-3, Oct 69 (Jap)  
ADULT/ FEMALE/ \*HEMORRHAGE,  
POSTPARTUM, therapy/ \*HEMOSTASIS/  
HUMAN/ LABOR COMPLICATIONS/  
PREGNANCY
6542. Tsuru D, Hattori A, Tsuji H, et al: Studies on mold protease. 3. Some physicochemical properties and amino acid composition of *Rhizopus chinensis* acid protease. *J Biochem (Tokyo)* 67:415-20, Mar 70  
\*AMINO ACIDS, analysis/ CHEMISTRY,  
PHYSICAL/ CHROMATOGRAPHY/ \*PEPTIDE  
PEPTIDOHYDROLASES, analysis/ \*RHIZOPUS,  
enzymology/ SPECTRUM ANALYSIS/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS
6543. Tsuru D, Yoshida T, Fukumoto J: Chemical modification of tyrosyl residues of the neutral protease obtained from *Bacillus subtilis* var. *amylosacchariticus*.  
*J Biochem (Tokyo)* 67:867-9, Jun 70  
\*BACILLUS SUBTILIS, enzymology/  
CHEMISTRY/ IODINE/ METHANE/ \*PEPTIDE  
PEPTIDOHYDROLASES/ \*TYROSINE
6544. Tsuruo T, Sudo K, Terao T, et al: Research on the carbohydrate-peptide linkage of whale pancreatic ribonuclease W2.  
*Biochim Biophys Acta* 200:560-3, 31 Mar 70  
AMINO ACIDS, analysis/ AMINO SUGARS,  
analysis/ CARBOHYDRATES/ CETACEA/  
CHEMISTRY/ CHROMATOGRAPHY, ION  
EXCHANGE/ GEL FILTRATION/  
\*GLYCOPROTEINS/ GLYCOPROTEINS,  
analysis/ MOLECULAR WEIGHT/ PANCREAS,  
enzymology/ PEPTIDE HYDROLASES/  
PEPTIDES/ \*RIBONUCLEASE/  
RIBONUCLEASE, analysis
6545. Tsuruo T, Yamashita S, Terao T, et al: Research on the carbohydrate-peptide linkage of porcine pancreatic ribonuclease.  
*Biochim Biophys Acta* 200:544-59, 31 Mar 70  
ALKYLATION/ AMINO ACIDS, analysis/  
AMINO SUGARS, analysis/ AMINO SUGARS,  
isolation & purification/ CARBOHYDRATES,  
analysis/ CHEMISTRY/ CHROMATOGRAPHY,  
ION EXCHANGE/ CHROMATOGRAPHY,  
PAPER/ CHROMATOGRAPHY, THIN LAYER/  
ELECTROPHORESIS/ FUCOSE, analysis/  
GALACTOSE, analysis/ GEL FILTRATION/  
GLUCOSAMINE, analysis/ \*GLYCOPROTEINS,  
analysis/ LYSINE, analysis/ MANNOSE,  
analysis/ MODELS, STRUCTURAL/  
MOLECULAR WEIGHT/ \*PANCREAS,  
enzymology/ PEPTIDE HYDROLASES/  
PEPTIDES, analysis/ \*RIBONUCLEASE/  
RIBONUCLEASE, analysis/ SERINE, analysis/  
SWINE/ TRYPSIN
6546. Tsushima T, Matsuzaki F, Irie M: Effect of heparin administration on plasma growth hormone concentrations.  
*Proc Soc Exp Biol Med* 133:1084-7, Mar 70  
ADULT/ BLOOD SUGAR/ CLINICAL  
RESEARCH/ \*FATTY ACIDS,  
NONESTERIFIED, blood/ \*HEPARIN,  
pharmacodynamics/ HUMAN/ MALE/  
NITROGEN, blood/ \*SOMATOTROPIN, blood/  
SOMATOTROPIN, secretion/ STIMULATION,  
CHEMICAL
6547. Tsyperovich AS, Kolodzeiskaya MV: Oderzhannia i  
vychennia vysokoaktivnoho preparatu proteazy  
*Aspergillus oryzae*.  
*Ukr Biokhim Zh* 41:91-5, 1969 (Ukr)  
\*ASPERGILLUS, enzymology/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHYMOTRYPSIN/ ELECTROPHORESIS, DISK/  
ENGLISH ABSTRACT/ METHODS/ \*PEPTIDE  
HYDROLASES/ PEPTIDE HYDROLASES,  
analysis/ PEPTIDE HYDROLASES, isolation &  
purification/ SPECIES SPECIFICITY/  
STREPTOMYCES, enzymology/ TRYPSIN
6548. Tsyperovich AS, Lysenkov NV: Khromatograficheskoe razdelenie kompleksa proteaz *Aspergillus flavus*.  
*Biokhimiia* 34:1137-43, Nov-Dec 69 (Rus)  
AMIDOHYDROLASES, analysis/ AMINO  
ACIDS/ \*ASPERGILLUS, enzymology/  
CARBOXYPEPTIDASES, analysis/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
DIPEPTIDASES/ ENGLISH ABSTRACT/  
ESTERASES, analysis/ ESTERS/ GEL  
FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ LEUCINE  
AMINOPEPTIDASE, analysis/ \*PEPTIDE  
HYDROLASES, analysis/ TRYPSIN, analysis
6549. Tucker AN, White DC: Release of membrane components from viable *Haemophilus parainfluenzae* by ethylenediaminetetraacetic acid-tris(hydroxymethyl)-aminomethane.  
*J Bact* 102:498-507, May 70  
BUFFERS/ CARBON ISOTOPES/ CELL  
MEMBRANE, drug effects/ \*CELL  
MEMBRANE, metabolism/  
CHROMATOGRAPHY, GAS/ CULTURE  
MEDIA/ CYTOCHROMES, metabolism/ \*EDTA,  
pharmacodynamics/ ELECTRON TRANSPORT/  
GLUCOSEPHOSPHATE DEHYDROGENASE,  
metabolism/ GLYCERALDEHYDEPHOSPHATE  
DEHYDROGENASE, metabolism/ GLYCERIN,  
metabolism/ GLYCEROPHOSPHATES,  
metabolism/ HAEMOPHILUS, drug effects/  
HAEMOPHILUS, enzymology/ HAEMOPHILUS,  
growth & development/ \*HAEMOPHILUS,  
metabolism/ LIPOPOLYSACCHARIDES,  
metabolism/ NUCLEIC ACIDS, metabolism/  
OSMOTIC FRAGILITY/ PHOSPHOGLUCONATE  
DEHYDROGENASE, metabolism/  
PHOSPHOLIPIDS, metabolism/ PHOSPHORUS  
ISOTOPES/ SPECTROPHOTOMETRY/  
TROMETHAMINE, pharmacodynamics/  
VITAMIN K, metabolism
6550. Tucker AS, Persky L: Cystography in childhood. Tumors and pseudotumors.  
*Amer J Roentgen* 109:390-3, Jun 70  
ABSCISS, radiography/ ADOLESCENCE/  
APPENDIX/ BLADDER, radiography/  
\*BLADDER NEOPLASMS, radiography/ CHILD/  
CHILD, PRESCHOOL/ CYSTS, radiography/  
DIAGNOSIS, DIFFERENTIAL/ FEMALE/  
HEMANGIOMA, radiography/ HUMAN/  
INFANT/ INFANT, NEWBORN/ MALE/  
MESENCHYMOMA, radiography/ PAPILLOMA,  
radiography/ SARCOMA, radiography/  
URACHUS, radiography/ URETEROCELE,  
radiography/ UROGRAPHY
6551. Tucker GT, Boyes RN, Bridenbaugh PO, et al: Binding of anilide-type local anesthetics in human plasma. I. Relationships between binding, physicochemical properties, and anesthetic activity.  
*Anesthesiology* 33:287-303, Sep 70  
ABSORPTION/ ADULT/ \*ANESTHETICS,  
LOCAL, blood/ ANESTHETICS, LOCAL,  
pharmacodynamics/ BINDING SITES/ \*BLOOD  
PROTEINS/ BUFFERS/ CELL MEMBRANE  
PERMEABILITY/ CHROMATOGRAPHY, GAS/  
DIALYSIS/ ERYTHROCYTES/ FACTOR VIII/  
FEMALE/ FILTRATION/ GEL FILTRATION/  
HEMATOCRIT/ HEPARIN/ HUMAN/  
LIDOCAINE/ LIDOCAINE, pharmacodynamics/  
LIPOPOLYSACCHARIDES/ MALE/ MEPIVACAINE/  
MEPIVACAINE, pharmacodynamics/ \*PROTEIN  
BINDING
6552. Tullis JL, Breen FA Jr: Christmas factor concentrates. The clinical use of several preparations.  
*Bibl Haemat* 34:40-51, 1970  
\*BLOOD TRANSFUSION/ CALCIUM,



# AUTHOR SECTION

- metabolism/ \*CHRISTMAS DISEASE, therapy/  
CHROMATOGRAPHY/ \*CHROMATOGRAPHY/  
COMPARATIVE STUDY/ \*FACTOR IX/  
FACTOR IX, therapeutic use/ HUMAN/  
MALE/ \*PROTHROMBIN, therapeutic use
6553. Tulsiani DR, Carubelli R: Studies on the soluble and lysosomal neuraminidases of rat liver.  
J Biol Chem 245:1821-7, 10 Apr 70  
ANIMAL EXPERIMENTS/ BRAIN/  
CARBOHYDRATES/ COPPER/ \*CYTOPLASM,  
enzymology/ DRUG STABILITY/ FEMALE/  
FREEZING/ GANGLIOSIDES/  
GLYCOPROTEINS/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ LACTATION/  
LACTOSE/ LITHIUM/ LIVER, cytology/  
\*LIVER, enzymology/ \*LYSOSOMES,  
enzymology/ MERCURY/ METHODS/  
\*NEURAMINIDASE/ NEURAMINIDASE,  
antagonists & inhibitors/ NEURAMINIDASE,  
isolation & purification/ PEPTIDE  
HYDROLASES/ PEPTIDES/ POTASSIUM/  
PREGNANCY/ RATS/ SHEEP/ SODIUM/  
SOLUBILITY/ SUBMANDIBULAR GLAND/  
SULFURIC ACIDS/ ZINC
6554. Tumanian NT, Novikova LA: Sinekhli malykh polovykh ryb u devochek.  
Vop Okhr Materin Dets 14:50-3, Sep 69 (Rus)  
ADHESIONS/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
INFANT/ \*VULVA, abnormalities
6555. Tuomisto J: Influence of some phenothiazine derivatives and tricyclic antidepressants on histamine and 5-hydroxytryptamine uptake by rabbit blood platelets. Ann Med Exp Biol Fenn 47:6-10, 1969  
ANIMAL EXPERIMENTS/ \*ANTIDEPRESSIVE  
AGENTS, pharmacodynamics/ \*BLOOD  
PLATELETS, metabolism/ CARBON  
ISOTOPES/ CELL MEMBRANE, metabolism/  
CHLORPROMAZINE, pharmacodynamics/  
COMPARATIVE STUDY/ \*HISTAMINE,  
metabolism/ IMIPRAMINE, pharmacodynamics/  
MALE/ \*PHENOTHIAZINES,  
pharmacodynamics/ RABBITS/ \*SEROTONIN,  
metabolism
6556. Turbeck BO, Graae J: The combined effect of thiocyanate ions and rise in temperature on the action of alpha-chymotrypsin on tyrosine ethyl ester.  
Acta Chem Scand 23:2414-20, 1969  
ALCOHOL, ETHYL/ \*CHYMOTRYPSIN/  
ESTERS/ \*HEAT/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ POTASSIUM  
CHLORIDE/ SODIUM CHLORIDE/ SULFATES/  
\*THIOCYANATES/ \*TYROSINE
6557. Turcanu V, Barti F, Fiat F: Aspecte clinice și biologice în hiperlipemie.  
Med Intern (Bucur) 22:489-93, Apr 70 (Rum)  
ADULT/ ANTICHOLESTEREMIC AGENTS,  
therapeutic use/ FEMALE/ HEPARIN,  
therapeutic use/ HUMAN/ HYPERLIPEMIA,  
drug therapy/ \*HYPERLIPEMIA,  
physiopathology/ MAGNESIUM,  
therapeutic use/ MALE/ MIDDLE AGE/  
NICOTINAMIDE, therapeutic use/  
PROPIONATES, therapeutic use/ STEROLS,  
therapeutic use
6558. Turlaf J, Battesti JP, Menault M, et al: Hémothorax spontané révélateur d'une hémophilie B.  
Poumon Coeur 26:253-60, 1970 (Fre)  
ADULT/ CASE REPORT/ CHRISTMAS  
DISEASE, complications/ \*CHRISTMAS  
DISEASE, diagnosis/ ENGLISH ABSTRACT/  
FACTOR IX/ \*HEMOTHORAX, etiology/  
HEMOTHORAX, surgery/ HUMAN/ MALE
6559. Turková J, Mikeš O: Specificity of alkaline proteinase of *Aspergillus flavus*.  
Biochim Biophys Acta 198:386-8, 11 Feb 70  
AMINO ACIDS, analysis/ \*ASPERGILLUS,  
enzymology/ BINDING SITES/  
CHROMATOGRAPHY, PAPER/  
HYDROGEN-ION CONCENTRATION/ INSULIN/  
\*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, classification/  
PEPTIDES, analysis/ SERINE
6560. Turnbull A, Almeyda J: Idiopathic thrombocytopenic purpura and Kaposi's sarcoma.  
Proc Roy Soc Med 63:603-5, Jun 70  
AGED/ AZATHIOPRINE, therapeutic use/  
BLOOD CELL COUNT/ BLOOD PLATELETS/  
FEMALE/ HUMAN/ PREDNISOLONE,  
therapeutic use/ \*PURPURA,  
THROMBOPENIC, complications/ PURPURA,  
THROMBOPENIC, therapy/ \*SARCOMA,  
KAPOSI'S, complications/ SARCOMA,  
KAPOSI'S, drug therapy/ SARCOMA,  
KAPOSI'S, radiotherapy/ \*SKIN NEOPLASMS,  
complications/ SKIN NEOPLASMS, drug  
therapy/ SKIN NEOPLASMS, radiotherapy/  
SPLENECTOMY
6561. Turner MD, Allcan F: Successful 20-hour storage of the canine liver by continuous hypothermic perfusion.  
Cryobiology 6:293-301, Jan-Feb 70  
ANIMAL EXPERIMENTS/ BILE, secretion/  
BLOOD/ CADAVER/ \*COLD/ DOGS/  
HEMORRHAGIC DIATHESIS, occurrence/  
HYDROGEN-ION CONCENTRATION/ LIVER,  
metabolism/ LIVER, secretion/ \*LIVER,  
transplantation/ METHODS/ MORTALITY/  
ORGAN WEIGHT/ OXYGEN CONSUMPTION/  
\*PERFUSION/ PERFUSION, instrumentation/  
SILICONES/ TIME FACTORS/ TISSUE  
DONORS/ \*TISSUE PRESERVATION/  
TRANSPLANTATION, HOMOLOGOUS
6562. Turner RH: The fibrinolysis system in human skin.  
Biorheology 6:258, Jan 70  
\*FIBRINOLYSIS, metabolism/ \*SKIN,  
enzymology/ SKIN DISEASES, enzymology/  
VASCULAR DISEASES, enzymology
6563. Turner RH, Kurban AK, Ryan TJ: Fibrinolytic activity in human skin following epidermal injury.  
J Invest Derm 53:458-62, Dec 69  
ADULT/ BIOPSY/ \*EPITHELIUM, injuries/  
\*FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/  
HUMAN/ MALE/ PLASMINOGEN, physiology/  
SKIN, pathology/ \*SKIN, physiopathology/  
TIME FACTORS
6564. Turner RH, Ryan TJ: Fibrinolytic activity in human skin. Trans St John Hosp Derm Soc 55:212-7, 1969  
BIOPSY/ \*FIBRINOLYSIS/ HUMAN/ MALE/  
METHODS/ PLASMINOGEN, analysis/ SKIN,  
pathology/ \*SKIN, physiology/ \*SKIN  
DISEASES, physiopathology
6565. Turner RH, Ryan TJ: Localization of fibrinolytic activity in human skin. Biorheology 6:263, Jan 70  
\*FIBRINOLYSIS, analysis/ HUMAN/ \*SKIN,  
enzymology
6566. Turzová M: Vplyv rôznych metód spracovania patologického materiálu na izoláciu mykobaktérií.  
Bratisl Lek Listy 53:233-44, Feb 70 (90 ref.) (Slo)  
ACETYLCYSTEINE/ \*BACTERIOLOGICAL  
TECHNICS/ DRUG RESISTANCE,  
MICROBIAL/ ENZYME TESTS/ HUMAN/  
METHODS/ \*MYCOBACTERIUM, isolation &  
purification/ MYCOBACTERIUM INFECTIONS/  
MYCOBACTERIUM TUBERCULOSIS, growth &  
development/ MYCOBACTERIUM  
TUBERCULOSIS, isolation & purification/  
PEPTIDE HYDROLASES/ REVIEW/ SODIUM  
HYDROXIDE/ TISSUE CULTURE
6567. Tyler HM: Fibrin crosslinking demonstrated by thrombelastography.  
Thromb Diath Haemorrh 22:398-400, 15 Nov 69  
FACTOR XIII/ \*FIBRIN, metabolism/  
FIBRINOGEN/ \*THROMBELASTOGRAPHY

## U

6568. Uchida H, Motsay GJ, Ruiz O, et al: Experimental auxiliary liver allotransplantation with special reference to biliary duct obstruction and hepatic arterial blood restriction of host liver.  
Amer J Surg 119:138-46, Feb 70  
ANIMAL EXPERIMENTS/ ATROPHY/  
BILIRUBIN, blood/ \*COMMON BILE DUCT,  
surgery/ DOGS/ HEMOSTASIS/ \*HEPATIC  
ARTERY, surgery/ IMMUNOSUPPRESSIVE  
AGENTS, therapeutic use/ \*LIVER,



## AUTHOR SECTION

- transplantation/ \*LIVER CIRCULATION/  
METHODS/ PORTAL VEIN/ RADIOISOTOPE  
SCANNING/ TECHNETIUM, diagnostic use/  
TRANSPLANTATION, HOMOLOGOUS
6569. Udall JA: Don't use the wrong vitamin K.  
Calif Med 112:65-7, Apr 70  
\*BISHYDROXYCOUMARIN, adverse effects/  
BISHYDROXYCOUMARIN, antagonists &  
inhibitors/ HUMAN/  
\*HYPOPROTHROMBINEMIAS, chemically  
induced/ MALE/ \*PHYTONADIONE,  
pharmacodynamics/ \*VITAMIN K,  
pharmacodynamics/ VITAMIN K, therapeutic  
use
6570. Uebel H: Die Behandlung von Kniegelenksarthrosen  
mit Trasylol.  
Langenbecks Arch Chir 325:356-8, 1969 (Ger)  
AGED/ ENGLISH ABSTRACT/ HUMAN/  
INJECTIONS, INTRA-ARTICULAR/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*KNEE JOINT/  
\*OSTEOARTHRITIS, drug therapy
6571. Ueda E, Kokubu T: [Current information on  
angiotensin I-converting enzyme]  
Jap J Clin Med 28:1916-23, Jul 70 (26 ref.) (Jap)  
\*ANGIOTENSIN/ ANGIOTENSIN, analysis/  
ANGIOTENSIN, isolation & purification/  
ANGIOTENSIN, metabolism/ ANGIOTENSIN,  
pharmacodynamics/ ANIMAL EXPERIMENTS/  
ENZYME ACTIVATION/ HUMAN/ LIVER  
DISEASES, enzymology/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, isolation &  
purification/ PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ PEPTIDE PEPTIDOHYDROLASES,  
pharmacodynamics/ RABBITS/ RATS/ REVIEW
6572. Ueda F: [Fibrinolytic phenomenon in the field of  
orthopedic surgery]  
J Jap Orthop Ass 43:673-88, Sep 69 (Jap)  
ADOLESCENCE/ ADULT/ AGED/ ANIMAL  
EXPERIMENTS/ CATTLE/ FEMALE/  
\*FIBRINOLYSIS/ HUMAN/ JOINT DISEASES,  
metabolism/ KNEE JOINT/ MALE/ MIDDLE  
AGE/ ORTHOPEDICS/ RABBITS/ RATS/  
SYNOVIAL FLUID, metabolism/ SYNOVIAL  
MEMBRANE, pathology
6573. Ueda H, Yamanouchi M: [Nursing a pre-and  
post-splenectomy patient with idiopathic  
thrombopenic purpura]  
Jap J Nurs Art 2:118-22, Feb 69 (Jap)  
PURPURA, THROMBOPENIC, nursing/  
SPECIAL LIST NURSING/ SPLENECTOMY,  
nursing
6574. Ueno S: [Studies on fluidity of blood on the basis of  
fibrinolysis. 6. Relationship of fluidity to plasmin of  
blood in sudden and instantaneous deaths and also  
those from asphyxiation]  
Jap J Leg Med 23:98-116, Mar 69 (Jap)  
\*ASPHYXIA, blood/ \*BLOOD FLOW  
VELOCITY/ \*DEATH, SUDDEN/ FEMALE/  
\*FIBRINOLYSIS, analysis/ \*FIBRINOLYSIS/  
\*FORENSIC MEDICINE/ HUMAN/ MALE/  
STREPTOKINASE, analysis
6575. Uete T, Asahara M, Tsuchikura H: A fluorometric  
determination of trypsin-like amidase activity and  
activity of trypsin inhibitors in serum.  
Clin Chem 16:322-30, Apr 70  
AMIDES/ \*AMIDOHYDROLASES, blood/  
AMINES, analysis/ AMINES, blood/ AMINO  
ACIDS/ ANIMAL EXPERIMENTS/  
COLORIMETRY/ COMPARATIVE STUDY/  
DOGS/ DRUG STABILITY/ FEMALE/  
\*FLUOROMETRY/ HEAT/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ MALE/  
METHODS/ NAPHTHALENES, analysis/  
PANCREAS, physiology/ PANCREATECTOMY/  
SEX FACTORS/ SPECIES SPECIFICITY/  
TIME FACTORS/ TRYPSIN, blood/ \*TRYPSIN  
INHIBITORS, blood
6576. Uete T, Fusaoka R, Kataoka S, et al: [Proteolytic  
enzymes in the blood. I. Proteolytic activity at around  
pH 2-a new determination method for pepsin and  
pepsinogen] Jap J Clin Path 17:485-8, Jun 69 (Jap)  
ADULT/ AGED/ BLOOD PROTEINS/  
\*ENZYME PRECURSORS, blood/ FEMALE/  
GASTRECTOMY/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ MALE/ MIDDLE AGE/  
PEPSIN, analysis/ \*PEPSIN, blood/ PEPTIDE  
HYDROLASES, urine/ TYROSINE, blood
6577. Uhlenbruck G: Quantitative Aspekte von  
Erythrocyten-Glykoproteinen.  
Naturwissenschaften 56:422, Aug 69 (Ger)  
ANIMAL EXPERIMENTS/ CATS/ CATTLE/  
DUCKS/ \*ERYTHROCYTES, analysis/  
\*GLYCOPROTEINS, blood/ HORSES/  
\*NEURAMINIC ACIDS, blood/ PEPTIDE  
HYDROLASES/ RABBITS/ SHEEP/ SWINE
6578. Uhlenbruck G, Pardoe GI, Bird GW: On the specificity  
of lectins with a broad agglutination spectrum. II.  
Studies on the nature of the T-antigen and the specific  
receptors for the lectin of *Arachis hypogaea*  
(ground-nut). Z Immunitaetsforsch 138:423-33, Nov 69  
ALCOHOL OXIDOREDUCTASES/ ANIMAL  
EXPERIMENTS/ ANTIBODY SPECIFICITY/  
\*ANTIGEN-ANTIBODY REACTIONS/  
\*ANTIGENS/ \*BINDING SITES/ BIRDS/  
BURKITT'S LYMPHOMA, immunology/  
CATALASE/ CATS/ CATTLE/ DEER/  
ERYTHROCYTES, enzymology/  
\*ERYTHROCYTES, immunology/  
GALACTOSIDASE/ GANGLIOSIDES/  
GLYCOPROTEINS/ GUINEA PIGS/  
HEMAGGLUTINATION INHIBITION TESTS/  
HEMAGGLUTINATION TESTS/ HORSES/  
HUMAN/ IMMUNOCHEMISTRY/ MICE/  
MONOSACCHARIDES/ NEURAMINIDASE,  
pharmacodynamics/ OLIGOSACCHARIDES/  
PEPTIDE HYDROLASES/ \*PLANT  
AGGLUTININS/ POLYSACCHARIDES/  
RABBITS/ RATS/ RODENTS/ SHEEP/  
SNAILS/ SWINE
6579. Uhlenbruck G, Reifenberg U, Heggen M: On the  
specificity of broad spectrum agglutinins. IV.  
Invertebrate agglutinins: current status, conceptions  
and further observations on the variation of the Hel  
receptor in pigs.  
Z Immunitaetsforsch 139:486-99, Jun 70  
ALLELES/ ANIMAL EXPERIMENTS/  
\*ANTIBODIES, analysis/ ANTIBODIES,  
HETEROTYPIC/ ANTIGENS/ CELL  
MEMBRANE, immunology/ ERYTHROCYTES,  
drug effects/ ERYTHROCYTES, immunology/  
HEMAGGLUTINATION TESTS/ \*HEMOLYMPH,  
immunology/ HUMAN/ \*INVERTEBRATES,  
immunology/ PEPTIDE HYDROLASES,  
pharmacodynamics/ PLANT AGGLUTININS/  
SNAILS, immunology/ SWINE
6580. Uhlenbruck G, Schmid DO: Further studies on bovine  
red cells having a different glycoprotein coat.  
Experientia 26:900-1, 15 Aug 70  
ANIMAL EXPERIMENTS/ \*BLOOD GROUPS/  
CATTLE/ \*ERYTHROCYTES, analysis/  
\*GLYCOPROTEINS, blood/ NEURAMINIC  
ACIDS, analysis/ NEURAMINIDASE/ PEPTIDE  
HYDROLASES
6581. Uhlenbruck G, Sehrbunt HJ: Methodisches Vorgehen  
zur Bestimmung des Gesamtneuraminsäuregehaltes  
von Erythrozyten und Tumorzellen sowie beim  
Gebrauch von Pronase in der Gewebekultur.  
Bibl Haemat 32:337-48, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BONE MARROW/  
CATTLE/ CELL LINE/ CHYMOTRYPSIN,  
pharmacodynamics/ CLONE CELLS/  
\*ERYTHROCYTES, analysis/ HELA CELLS/  
\*NEOPLASMS, metabolism/ \*NEURAMINIC  
ACIDS, analysis/ NEURAMINIC ACIDS, blood/  
NEURAMINIDASE, pharmacodynamics/  
PAPAIN, pharmacodynamics/ \*PEPTIDE  
HYDROLASES, pharmacodynamics/ STERNUM/  
\*TISSUE CULTURE/ TRYPSIN,  
pharmacodynamics
6582. Uhlenbruck G, Wintzer G: Über den Einfluss von  
Trasylol bezüglich der Wirkung von verschiedenen



## AUTHOR SECTION

- Proteasen auf Erythrocyten.  
Klin Wschr 47:673-5, 15 Jun 69 (Ger)  
CATTLE/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/  
\*ERYTHROCYTES, drug effects/ HUMAN/  
KALLIKREIN, antagonists & inhibitors/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
pharmacodynamics/ \*PEPTIDE  
PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES,  
pharmacodynamics/ TRYPSIN, antagonists & inhibitors
6583. Uhrík J, Stěpánek I, Mořčaniová H, et al: Liečba ulcera cruris plazmínom a antibiotikami.  
Bratisl Lek Listy 52:709-13, 1969 (Slo)  
\*ANTIBIOTICS, therapeutic use/ DRUG  
SYNERGISM/ ENGLISH ABSTRACT/  
\*FIBRINOLYSIS, therapeutic use/  
HOSPITALIZATION/ HUMAN/ \*LEG ULCER,  
drug therapy/ MICROBIAL SENSITIVITY  
TESTS/ TIME FACTORS/ WOUND HEALING
6584. Uhse HG, Terasaki PI: Transport of lymphocytes for typing. Transplantation 8:311-4, Sep 69  
\*BLOOD PRESERVATION/ BLOOD  
PRESERVATION, instrumentation/ CULTURE  
MEDIA/ \*HISTOCOMPATIBILITY TESTING/  
HUMAN/ \*LYMPHOCYTES/ METHODS/  
\*SPECIMEN HANDLING/ SPECIMEN  
HANDLING, instrumentation/ \*TRAVEL
6585. Ukita M: [Preparation for blood coagulation tests]  
Jap J Clin Path 16:Suppl 16:29-34, 1969 (Jap)  
ANTICOAGULANTS/ \*BLOOD COAGULATION  
TESTS, instrumentation/ BLOOD SPECIMEN  
COLLECTION/ HUMAN
6586. Ukita M, Sawada N, Kitahara T: [Hyperlipemia and platelet aggregation]  
Jap J Clin Path 18:271-4, Apr 70 (Jap)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION FACTORS, pharmacodynamics/  
\*BLOOD PLATELETS/ BLOOD PLATELETS,  
drug effects/ FATTY ACIDS,  
pharmacodynamics/ HUMAN/  
HYPERLIPEMIA, blood/ LIPIDS,  
pharmacodynamics/ SPECTROPHOTOMETRY
6587. Ukita M, Yasui T, Mikami T: [Laboratory diagnosis of consumption coagulopathy with a special reference to immunological analysis of fibrinopeptides]  
Jap J Clin Path 17:826-30, Nov 69 (Jap)  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ BLOOD COAGULATION FACTORS,  
analysis/ BLOOD COAGULATION TESTS/  
DIAGNOSIS, DIFFERENTIAL/ \*FIBRIN,  
analysis/ HUMAN/ SERODIAGNOSIS/ TIME  
FACTORS
6588. Ule G: Pathologisch-anatomische Aspekte zerebraler Durchblutungsstörungen.  
Bull Schweiz Akad Med Wiss 24:440-59, Jul 69 (Ger)  
ADULT/ AUTOPSY/ BLOOD COAGULATION  
DISORDERS, complications/ CEREBRAL  
ANEURYSM, pathology/ CEREBRAL  
ARTERIOSCLEROSIS, pathology/ CEREBRAL  
EMBOLISM AND THROMBOSIS, pathology/  
CEREBRAL HEMORRHAGE, pathology/  
CEREBROVASCULAR DISORDERS, etiology/  
\*CEREBROVASCULAR DISORDERS, pathology/  
ENDARTERITIS, pathology/ ENGLISH  
ABSTRACT/ HEART ARREST, complications/  
HEMANGIOMA, pathology/ HUMAN/  
HYPOTENSION, complications/ INFARCTION/  
MALE/ MENINGES, pathology/ MIDDLE AGE
6589. Ul'ianova ND: O merakh predostorozhnosti pri tsentrifugirovanii krovi i ee fraktsii vo flakonakh.  
Probl Gemat 14:61, May 69 (Rus)  
\*BLOOD PRESERVATION/ METHODS
6590. Ulmer D: Einige Schäden, Störungen und Komplikationen bei peripherer perkutaner Angiographie. Med Welt 41:2217-22, 11 Oct 69 (Ger)  
\*ANGIOGRAPHY, adverse effects/  
AORTOGRAPHY, adverse effects/ \*ARTERIES,  
injuries/ CONTRAST MEDIA, adverse effects/  
\*DRUG HYPERSENSITIVITY, etiology/  
HEMATOMA, etiology/ HUMAN/ IATROGENIC
- DISEASE/ INJECTIONS, INTRA-ARTERIAL,  
adverse effects/ PARAPLEGIA, etiology/  
THROMBOSIS, etiology
6591. Ulrich F, Zilversmit DB: Release from alveolar macrophages of an inhibitor of phagocytosis.  
Amer J Physiol 218:1118-27, Apr 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHOLESTEROL, metabolism/  
DEOXYRIBONUCLEASE/ DEPRESSION,  
CHEMICAL/ FEMALE/ \*GLYCOPROTEINS,  
metabolism/ IN VITRO/ KINETICS/ LATEX  
PARTICLES/ \*MACROPHAGES, metabolism/  
\*PHAGOCYTOSIS, drug effects/  
POLYSTYRENES/ PULMONARY ALVEOLI,  
cytology/ \*PULMONARY ALVEOLI,  
physiology/ RABBITS/ TRYPSIN
6592. Ulutlu ON, Becit N: Adrenalin zerklערint takip eden AHG seviyelerinde artma ile ilgili bir çalışma.  
Turk Tip Cem Mec 35:674-8, 1969 (Tur)  
ENGLISH ABSTRACT/ \*EPINEPHRINE,  
pharmacodynamics/ \*FACTOR VIII, analysis/  
\*HEMOPHILIA, blood/ HEMOPHILIA, surgery/  
HODGKIN'S DISEASE, blood/ HUMAN/  
\*LYMPHOMA, blood/ MULTIPLE MYELOMA,  
blood/ SPLEEN, transplantation
6593. Umashima T: [Management of hemorrhage in the 3d stage of labor for the practitioner]  
Sanfujin Jissai 18:977-82, Oct 69 (Jap)  
BLOOD COAGULATION DISORDERS,  
prevention & control/ BLOOD COAGULATION  
DISORDERS, therapy/ BLOOD GROUPS/  
BLOOD TRANSFUSION/ FEMALE/ HUMAN/  
\*LABOR COMPLICATIONS/ PREGNANCY/  
UTERINE HEMORRHAGE, prevention &  
control/ \*UTERINE HEMORRHAGE, therapy
6594. Umegaki K: [Blood coagulation tests for plasma factors. Tatsumi factor]  
Jap J Clin Path 16:Suppl 16:105+, 1969 (Jap)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION DISORDERS, blood/ BLOOD  
COAGULATION DISORDERS, complications/  
\*BLOOD COAGULATION FACTORS, analysis/  
BLOOD PLATELET DISORDERS,  
complications/ FEMALE/ HUMAN/ PEDIGREE
6595. Umehara S: [Aplastic anemia]  
Nalka 25:1227-8, Jun 70 (Jap)  
ADRENAL CORTEX HORMONES, therapeutic  
use/ \*ANEMIA, APLASTIC, therapy/ BLOOD  
TRANSFUSION/ FEMALE/ HEMOSTATICS,  
therapeutic use/ HUMAN
6596. Umezawa H, Aoyagi T, Morishima H, et al: Chymostatin, a new chymotrypsin inhibitor produced by actinomycetes. J Antibiot (Tokyo) 23:425-7, Aug 70  
\*ACTINOMYCETALES, metabolism/ ANIMAL  
EXPERIMENTS/ ANTIBIOTICS, isolation &  
purification/ \*ANTIBIOTICS,  
pharmacodynamics/ ANTIBIOTICS, therapeutic  
use/ CARRAGEENAN/ \*CHYMOTRYPSIN,  
antagonists & inhibitors/ EDEMA, chemically  
induced/ EDEMA, drug therapy/ INFRARED  
RAYS/ MALE/ PEPTIDE HYDROLASES,  
antagonists & inhibitors/ RATS/  
SPECTROPHOTOMETRY/ ULTRAVIOLET  
RAYS
6597. Undritz E, Nusselt-Bohauhlitzky K: Über das Auftreten von diploiden Megakaryoblasten, Promegakaryozyten und Megakaryozyten bei schweren Hämopathien, ein Rückgriff in die Phylogenese. Blut 20:242-9, Apr 70 (Ger)  
\*BLOOD PLATELETS/ DIPLOIDY/  
\*EVOLUTION/ FEMALE/ \*HEMATOLOGIC  
DISEASES, blood/ HEMATOPOIESIS/ HUMAN/  
LEUKEMIA, MYELOBLASTIC, blood/  
\*MEGAKARYOCYTES/ MIDDLE AGE/  
POLYPOIDY/ VERTEBRATES
6598. Unger P: Automatisierung im blutgruppenserologischen Laboratorium.  
Bibl Haemat 32:176-89, 1969 (Ger)  
\*AUTOMATION/ \*BLOOD BANKS/ BLOOD  
COAGULATION TESTS, instrumentation/  
\*BLOOD GROUPS/ BLOOD PRESERVATION,



# AUTHOR SECTION

- instrumentation/ CENTRIFUGATION/  
COOMBS' TEST, instrumentation
6599. Untermann F: Enterotoxinbildende Staphylokokken in  
Lebensmitteln. Arch Hyg Bakt 153:421-6, Oct 69 (Ger)  
BACTERIOLOGICAL TECHNIQS/ COAGULASE,  
metabolism/ ENGLISH ABSTRACT/  
ENTEROTOXINS, analysis/ \*ENTEROTOXINS,  
biosynthesis/ \*FOOD MICROBIOLOGY/ FOOD  
POISONING, etiology/ FOOD PRESERVATION/  
GERMANY, WEST/ IMMUNE SERUMS/  
PRECIPITATION/ STAPHYLOCOCCUS,  
analysis/ STAPHYLOCOCCUS, enzymology/  
STAPHYLOCOCCUS, isolation & purification/  
\*STAPHYLOCOCCUS, metabolism
6600. Ur A: Long-term anticoagulants. Lancet 1:413, 21 Feb 70  
\*ANTICOAGULANTS, therapeutic use/  
\*BLOOD COAGULATION TESTS/ HUMAN
6601. Ur A: Changes in the electrical impedance of blood  
during coagulation.  
Nature (London) 226:269-70, 18 Apr 70  
\*BLOOD COAGULATION/ \*ELECTRIC  
CONDUCTIVITY/ HUMAN
6602. Ur A: Determination of blood coagulation using  
impedance measurements.  
Biomed Engin 5:342-5, Jul 70  
\*BIOMEDICAL ENGINEERING/ BLOOD  
COAGULATION/ \*BLOOD COAGULATION  
TESTS/ METHODS
6603. Uram M, Lamy F: Purification of two proelastases from  
porcine pancreas.  
Biochim Biophys Acta 194:102-11, 11 Nov 69  
AMINO ACIDS, analysis/ AMMONIUM  
COMPOUNDS/ ANIMAL EXPERIMENTS/  
CHEMISTRY/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ DRUG SYNERGISM/  
ELASTIN/ ELECTROPHORESIS/ ENZYME  
ACTIVATION/ \*ENZYME PRECURSORS,  
isolation & purification/ ESTERS/  
HYDROGEN-ION CONCENTRATION/  
METHODS/ MOLECULAR WEIGHT/  
\*PANCREAS, enzymology/  
\*PANCREATOPEPTIDASE/  
PANCREATOPEPTIDASE, analysis/  
PRECIPITATION/ SWINE/ TRYPSIN/  
TYROSINE
6604. Urbanczyk J, Kwieciński R: Przypadek wrodzonej skazy  
krwotocznej z niedoboru czynnika VII  
(hipoprokonwertynemia)  
Wlad Lek 23:661-4, 15 Apr 70 (Pol)  
ADULT/ BLOOD GROUP INCOMPATIBILITY/  
BLOOD TRANSFUSION, adverse effects/  
FEMALE/ HUMAN/  
HYPOPROCONVERTINEMIA, complications/  
\*HYPOPROCONVERTINEMIA, congenital/  
ISOANTIBODIES/ KIDNEY FAILURE, ACUTE,  
etiology/ KIDNEY FAILURE, ACUTE,  
immunology/ REVIEW
6605. Urbanitz D, Wiegand H, Habermann E: Zur Frage der  
Bedeutung des Klnsystems beim thermischen Odem  
der Rattenpfote.  
Naunyn Schmiedeberg Arch Pharm 264:476-93, 1969  
(Ger)  
ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/  
CAPILLARY PERMEABILITY/  
CARBOXYPEPTIDASES/ \*EDEMA,  
physiopathology/ ENGLISH ABSTRACT/  
FEMALE/ \*FORELMB/ GEL FILTRATION/  
\*HEAT/ HUMAN/ KALLIKREIN, blood/  
KALLIKREIN-TRYPSIN INACTIVATOR/  
\*KININS, physiology/ MALE/ PERFUSION/  
RATS/ SERUM ALBUMIN
6606. Urbaschek B: Zur Pathophysiologie der intialen  
Wirkung bakterieller Endotoxine.  
Zbl Bakt [Orig] 212:537-44, 1970 (Ger)  
ANIMAL EXPERIMENTS/ BACTERIA/ BLOOD  
CIRCULATION/ BLOOD COAGULATION/  
BLOOD PLATELETS/ BLOOD PRESSURE/  
CAPILLARY PERMEABILITY/ CHEEK,  
pathology/ ERYTHROCYTES/ GUINEA PIGS/  
HAMSTERS/ HISTAMINE, metabolism/  
LEUKOCYTES/ MAST CELLS/ MESENTERY,  
pathology/ MICROSCOPY, ELECTRON/  
RABBITS/ SEROTONIN, metabolism/ SHOCK,  
ENDOTOXIC, metabolism/ SHOCK,  
ENDOTOXIC, pathology/ \*SHOCK,  
ENDOTOXIC, physiopathology
6607. Urbaschek B, Fritsch H, Richter IE: Erste  
Beobachtungen mit dem Rasterelektronenmikroskop  
in der Frühphase der Endotoxinwirkung an der  
terminalen Strombahn.  
Klin Wschr 47:1166-70, 1 Nov 69 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD  
PLATELETS, drug effects/ \*CAPILLARIES,  
drug effects/ CAPILLARIES, pathology/ CELL  
AGGREGATION, drug effects/ CHEEK, blood  
supply/ \*ENDOTOXINS, pharmacodynamics/  
ENGLISH ABSTRACT/ ERYTHROCYTES, drug  
effects/ HAMSTERS/ MESENTERY, blood  
supply/ MICROSCOPY, ELECTRON,  
SCANNING/ RABBITS/ REGIONAL BLOOD  
FLOW, drug effects/ SEROTONIN,  
pharmacodynamics/ THROMBOSIS, pathology/  
TIME FACTORS
6608. Urizar RE, Herdman RC: Anaphylactoid purpura. 3.  
Early morphologic glomerular changes.  
Amer J Clin Path 53:258-66, Feb 70  
ADOLESCENCE/ ANAPHYLAXIS,  
complications/ BIOPSY/ CHILD, PRESCHOOL/  
FIBRIN, metabolism/ GAMMA GLOBULIN,  
metabolism/ HUMAN/ KIDNEY, metabolism/  
\*KIDNEY, pathology/ KIDNEY GLOMERULUS,  
pathology/ MICROSCOPY, ELECTRON/  
MICROSCOPY, FLUORESCENCE/ \*PURPURA,  
pathology
6609. Usami S, Chien S, Gregersen MI: Viscometric behavior  
of hardened erythrocytes in relation to deformability  
and size. Biorheology 6:249-50, Jan 70  
ACETALDEHYDE/ ANIMAL EXPERIMENTS/  
\*BLOOD VISCOSITY/ DOGS/ ELEPHANTS/  
ERYTHROCYTES, drug effects/  
\*ERYTHROCYTES, physiology/ GOATS/  
HUMAN/ IN VITRO/ SHEEP
6610. Uss RH, Fenton JW 2d, Muraschi TF, et al: Two distinct  
elastases from different strains of Pseudomonas  
aeruginosa.  
Biochim Biophys Acta 191:179-81, 30 Sep 69  
ANTIGENS/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ ELECTROPHORESIS,  
DISK/ GEL DIFFUSION TESTS/ GEL  
FILTRATION/ IMMUNE SERUMS/ METHODS/  
PANCREATOPEPTIDASE/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, isolation &  
purification/ PRECIPITATION/  
\*PSEUDOMONAS AERUGINOSA, enzymology/  
RABBITS/ SPECIES SPECIFICITY
6611. Uszyński M, Uszyński-Folejewska R: Plasminogen  
activator and urokinase inhibitor in myometrium,  
placenta, and amniotic fluid.  
Amer J Obstet Gynec 105:1041-3, 1 Dec 69  
\*AMNIOTIC FLUID, analysis/ FEMALE/  
\*FIBRINOLYTIC AGENTS, antagonists &  
inhibitors/ HUMAN/ \*PLACENTA, analysis/  
\*PLASMINOGEN, analysis/ PREGNANCY/  
\*UTERUS, analysis
6612. Uttley WS, Allan AG, Cash JD: Fibrin-fibrinogen  
degradation products in sera of normal infants and  
children. Arch Dis Child 44:761-4, Dec 69  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
BLOOD COAGULATION DISORDERS, blood/  
CHILD/ CHILD, PRESCHOOL/ FEMALE/  
\*FIBRIN, analysis/ \*FIBRINOGEN, analysis/  
FIBRINOLYSIS/ HEMAGGLUTINATION  
INHIBITION TESTS/ HUMAN/ INFANT/  
INFANT, NEWBORN/ MALE
6613. Uvnäs B, Aborg CH, Bergendorff A: Storage of  
histamine in mast cells. Evidence for an ionic binding  
of histamine to protein carboxyls in the granule  
heparin-protein complex.  
Acta Physiol Scand Suppl 336:1+, 1970  
ANIMAL EXPERIMENTS/ \*BINDING SITES/  
CARBON DIOXIDE/ CARBON ISOTOPES/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*HEPARIN/ \*HISTAMINE, analysis/



## AUTHOR SECTION

- HYDROGEN-ION CONCENTRATION/ MALE/  
\*MAST CELLS, analysis/ MAST CELLS,  
metabolism/ \*PROTEIN BINDING/ RATS/  
SODIUM
6614. Uxton B, Myers K, Mandel T: Enzyme-treated bovine arterial heterografts. I. Preparation and physical properties. Aust New Zeal J Surg 39:78-84, Aug 69  
ANIMAL EXPERIMENTS/ \*ARTERIES, transplantation/ BIOMECHANICS/ \*CAROTID ARTERIES/ CAROTID ARTERIES, analysis/ CAROTID ARTERIES, anatomy & histology/ CAROTID ARTERIES, physiology/ CAROTID ARTERIES, surgery/ CATTLE/ COLLAGEN/ FEMORAL ARTERY, physiology/ HUMAN/ MICROSCOPY, ELECTRON/ \*PEPTIDE HYDROLASES, pharmacodynamics/ SAPHENOUS VEIN, physiology/ TIME FACTORS/ \*TRANSPLANTATION, HETEROLOGOUS
6615. Uy S, Kammermeyer K: Nonthrombogenic surface preparation for silicone rubber. J Biomed Mat Res 3:587-613, Dec 69  
ADSORPTION/ BENZALKONIUM CHLORIDE/ \*BIOMEDICAL ENGINEERING/ \*BLOOD COAGULATION/ CARBON/ \*HEPARIN/ ION EXCHANGE RESINS/ KINETICS/ POLYMERS/ \*RUBBER/ \*SILICONES
6616. Uyama M, Miyamoto K, Ogawa I: [Hematoma under the retinal pigment epithelium presumed to be a malignant melanoma of the choroid] Folia Ophthal Jap 20:692-4, Jul 69 (Jap)  
ADULT/ CHOROID/ DIAGNOSIS, DIFFERENTIAL/ EYE NEOPLASMS, diagnosis/ FEMALE/ \*HEMATOMA, diagnosis/ HUMAN/ MELANOMA/ \*RETINA/ RETINAL HEMORRHAGE, diagnosis
6617. Uyeda K, Kurooka S: Crystallization and properties of phosphofructokinase from Clostridium pasteurianum. J Biol Chem 245:3315-24, 10 Jul 70  
ADENINE NUCLEOTIDES/ ADENOSINE TRIPHOSPHATE/ AMMONIUM COMPOUNDS/ CITRATES/ \*CLOSTRIDIUM, enzymology/ CRYSTALLIZATION/ ELECTROPHORESIS/ GUANIDINES/ KINETICS/ MAGNESIUM/ MALEATES/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ \*PHOSPHOFRUCTOKINASE/ PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ PYRUVATES/ SPECTROPHOTOMETRY/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS/ UREA
- V
6618. Vácha K Jr, Chrobák L, Steiner I: Development of acute myeloblastic leukemia in a patient with pernicious anemia. Sborn Ved Prac Lek Fak Karlov Univ 12:651-7, 1969  
AGED/ \*ANEMIA, PERNICIOUS, complications/ ANEMIA, PERNICIOUS, drug therapy/ CEREBRAL HEMORRHAGE, etiology/ HUMAN/ IRON, therapeutic use/ \*LEUKEMIA, MYELOBLASTIC, etiology/ MALE/ THROMBOPENIA, etiology/ VITAMIN B 12, therapeutic use
6619. Vaes G: Enzymatic and other biochemical events accompanying bone resorption in tissue culture. Calcif Tissue Res Suppl:57-60, 1970  
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BONE AND BONES, embryology/ BONE RESORPTION, analysis/ \*BONE RESORPTION, enzymology/ CALCIUM ISOTOPES/ CATALASE, analysis/ CITRATES/ DEOXYRIBONUCLEASE/ DNA/ \*ENZYMES, biosynthesis/ GALACTOSIDASE/ GLUCURONIDASE/ GLYCOLYSIS/ HEXOSAMINES/ HYALURONIDASE, analysis/ \*HYDROLASES, analysis/ HYDROXYPROLINE, biosynthesis/ LACTATES, biosynthesis/ \*LYSOSOMES, analysis/ MICE/ OSTEOCLASTS/ PARATHYROID GLANDS/ PEPTIDE HYDROLASES, analysis/ TIME FACTORS/ \*TISSUE CULTURE/ TISSUE EXTRACTS/ VITAMIN A
6620. Vago O: Die Uterussynechien post abortum (das Asherman-Syndrom) Z Aertzl Fortbild (Jena) 63:699-702, 1 Jul 69 (Ger)  
\*ABORTION, THERAPEUTIC/ \*ADHESIONS, etiology/ ADHESIONS, radiography/ ADHESIONS, therapy/ DILATATION/ ENDOMETRIUM/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, complications/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ STERILITY, FEMALE, etiology/ \*UTERINE DISEASES, etiology/ UTERINE DISEASES, radiography/ UTERINE DISEASES, therapy
6621. Vago O: Neurologische Komplikationen nach Instillation verschiedener Flüssigkeiten in das Uteruskavum. Psychiat Neurol Med Psychol (Leipzig) 21:387-9, Oct 69 (Ger)  
ABORTION, CRIMINAL/ ADULT/ ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ \*CEREBROVASCULAR DISORDERS, etiology/ CONVULSIONS, drug therapy/ EMBOLISM, AIR, etiology/ ENGLISH ABSTRACT/ HUMAN/ \*IRRIGATION, adverse effects/ MALE/ SOAPS/ THROMBOPHLEBITIS, etiology/ WATER
6622. Vago O: Atonische Blutungen bei Schwangerschaftsunterbrechung und deren Komplikation durch Koagulopathie. Zbl Gynaek 92:62-3, 10 Jan 70 (Ger)  
\*ABORTION, LEGAL, adverse effects/ ADULT/ \*BLOOD COAGULATION DISORDERS, complications/ FEMALE/ HUMAN/ HYSTERECTOMY/ PREGNANCY/ \*UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, surgery
6623. Vahouny GV, Wei R, Starkweather R, et al: Preparation of beating heart cells from adult rats. Science 167:1616-8, 20 Mar 70  
ANIMAL EXPERIMENTS/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ CULTURE MEDIA/ \*HEART, physiology/ HEART RATE/ MYOCARDIUM, cytology/ POTASSIUM, pharmacodynamics/ RATS/ \*TISSUE CULTURE/ TRYPSIN, pharmacodynamics
6624. Vaiman M, Renard C, Nizza P: Technique de preparation de suspensions pures de lymphocytes a partir de sang de porc. Rev Europ Etud Clin Biol 15:572-5, May 70 (Fre)  
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ BLOOD SEDIMENTATION/ DEXTRAN/ ENGLISH ABSTRACT/ FILTRATION/ GLASS/ HEMOLYSIS/ \*LYMPHOCYTES/ LYMPHOCYTES, immunology/ METHODS/ SUSPENSIONS/ SWINE/ TEMPERATURE
6625. Vainer H, Besson P, Jeanneau C, et al: Synthèse du glycogène plaquettaire. Nouv Rev Franc Hemat 9:514-28, Jul-Aug 69 (Fre)  
BLOOD PLATELETS, enzymology/ \*BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, analysis/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCOSYLTRANSFERASES/ \*GLYCOGEN, biosynthesis/ GLYCOGEN, blood/ GLYCOGEN, isolation & purification/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MERCAPTOETHANOL, pharmacodynamics/ MICROSCOPY, ELECTRON
6626. Vakhitova EA, Pugacheva IB, Amirkhanian MM, et al: Issledovanie struktury N-kontsevoogo fragmenta pepsina. Fraktsionirovanie khimotripsinovogo gidrolizata. Biokhimiya 34:1042-7, Sep-Oct 69 (Rus)  
ALKYLATION/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/



# AUTHOR SECTION

CHYMOTRYPSIN/ CYANIDES/ ENGLISH  
ABSTRACT/ METHODS/ \*PEPSIN/ PEPSIN,  
analysis/ \*PEPTIDES, analysis

6627. Valenkevich LN: Fermenty podzheludochnoi zhelezy i tonkoï kishki pri khronicheskikh gepatitakh i sirrozakh pecheni.

Klin Med (Moskva) 47:71-5, Apr 69 (Rus)  
CHRONIC DISEASE/ \*DUODENUM,  
enzymology/ ENGLISH ABSTRACT/  
\*HEPATITIS, enzymology/ HUMAN/ \*LIVER  
CIRRHOSIS, enzymology/ \*PANCREATIC  
JUICE, analysis/ \*PEPTIDE  
PEPTIDOHYDROLASES

6628. Valenkevich LN, Iakhontova OI: Parallellizm v izmenenii aktivnosti enterokinazy i tripsina u bol'nykh khronicheskimi zabolevaniyami pecheni i podzheludochnoi zhelezy.

Vrach Delo 10:13-5, Oct 69 (Rus)  
CHRONIC DISEASE/ DIABETES MELLITUS,  
enzymology/ ENGLISH ABSTRACT/  
\*HEPATITIS, enzymology/ HUMAN/  
\*PANCREATITIS, enzymology/ \*PEPTIDE  
PEPTIDOHYDROLASES, metabolism/  
\*TRYPSIN, metabolism/ TRYPSIN  
INHIBITORS, metabolism

6629. Valenta L, Lemarchand-Béraud T: Thyroglobulin and thyroid acid protease activity in thyroid disease.

J Clin Endocr 31:422-7, Oct 70  
ADENOMA, metabolism/ FLUOROMETRY/  
GOITER, EXOPHTHALMIC, metabolism/  
HUMAN/ HYDROGEN-ION CONCENTRATION/  
\*IODINE, analysis/ \*PEPTIDE HYDROLASES,  
metabolism/ PROTEIN-BOUND IODINE TEST/  
\*PROTEINS, analysis/  
SPECTROPHOTOMETRY/ \*THYROGLOBULIN,  
analysis/ \*THYROID DISEASES, enzymology/  
\*THYROID DISEASES, metabolism/ \*THYROID  
GLAND, analysis/ THYROID GLAND,  
enzymology/ THYROID NEOPLASMS,  
metabolism/ THYROIDITIS, LYMPHOMATOUS,  
metabolism/ THYROXINE, blood/ TYROSINE,  
analysis

6630. Valenti B, Cernetti C, Balocchi P: Trattamento preoperatorio del coronaropatici. Aspetti eziopatogenetici, clinici e diagnostici.

Clin Ter 50:57-74, 15 Jul 69 (44 ref.) (Ita)  
ADRENERGIC BETA RECEPTOR  
BLOCKADERS, therapeutic use/  
ANESTHESIA/ ANTICOAGULANTS,  
therapeutic use/ ARRHYTHMIA,  
complications/ ARTERIOSCLEROSIS,  
complications/ CORONARY DISEASE,  
complications/ CORONARY DISEASE,  
diagnosis/ CORONARY DISEASE,  
drug therapy/ CORONARY DISEASE, etiology/  
\*CORONARY DISEASE, surgery/ CORONARY  
VESSELS, drug effects/ DIABETES  
MELLITUS, complications/ EXERCISE TEST/  
HUMAN/ HYPERTENSION, complications/  
MONOAMINE OXIDASE INHIBITORS,  
therapeutic use/ OBESITY, complications/  
POSTOPERATIVE CARE/ \*PREOPERATIVE  
CARE/ REVIEW/ VASODILATOR AGENTS,  
therapeutic use

6631. Valenzuela P, Bender ML: Alkaline pH dependence of delta-chymotrypsin-catalyzed hydrolysis of specific substrates. Proc Nat Acad Sci USA 63:1214-21, Aug 69

CATALYSIS/ \*CHYMOTRYPSIN, metabolism/  
ESTERS, metabolism/ \*HYDROGEN-ION  
CONCENTRATION/ KINETICS/ TRYPTOPHAN,  
metabolism

6632. Valenzuela P, Bender ML: Binding of competitive inhibitors to delta-chymotrypsin in the alkaline pH region. Competitive inhibition kinetics and proton-uptake measurements.

Biochemistry (Wash) 9:2440-6, 9 Jun 70  
ALCOHOLS/ AMIDES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ PROTEIN  
BINDING/ PROTONS/ TRYPTOPHAN

6633. Valeri CR, Runck AH: Viability of glycerolized red blood cells frozen in liquid nitrogen.

Transfusion 9:306-13, Nov-Dec 69

\*BLOOD PRESERVATION/ BLOOD  
TRANSFUSION/ CENTRIFUGATION/  
CHROMIUM ISOTOPES/ \*ERYTHROCYTES,  
metabolism/ \*FREEZING/ \*GLYCERIN/  
HEMOLYSIS/ HUMAN/ \*NITROGEN/  
STAINLESS STEEL

6634. Valeri CR, Szymanski IO, Runck AH: Therapeutic effectiveness of homologous erythrocyte transfusions following frozen storage at -80 C for up to seven years. Transfusion 310:102-12, May-Jun 70

ABO FACTORS/ BLOOD, microbiology/  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ CENTRIFUGATION/  
CHROMIUM ISOTOPES/ EDTA/  
ERYTHROCYTE AGING/ ERYTHROCYTES/  
ERYTHROCYTES, analysis/ FREEZING/  
GLYCERIN/ HEMOLYSIS/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
POTASSIUM, blood/ RH FACTORS/ SERUM  
ALBUMIN, RADIO-IODINATED/ TIME  
FACTORS

6635. Valette G, Marcy R, Khai TM: Une nouvelle méthode d'essai des traitements cicatrisants fondée sur la mise en oeuvre d'une plaie expérimentale dont la cicatrisation est artificiellement perturbée par hyperstimulation locale du tissu de granulation. Arzneimittelforschung 19:1121-3, Jul 69 (Fre)

\*AMINOCAPROIC ACID, therapeutic use/  
ANIMAL EXPERIMENTS/ \*CARRAGEENAN,  
pharmacodynamics/ COMPARATIVE STUDY/  
\*CORTISONE, therapeutic use/ ENGLISH  
ABSTRACT/ \*GRANULATION TISSUE, drug  
effects/ MALE/ METHODS/ RATS/  
STIMULATION, CHEMICAL/ \*WOUND  
HEALING, drug effects

6636. Vallathan MS: A new look at prosthetic materials.

Ann Roy Coll Surg Eng 45:131-49, Sep 69  
AGED/ ANIMAL EXPERIMENTS/ AORTIC  
ANEURYSM, surgery/ BENZALKONIUM  
CHLORIDE/ BLOOD COAGULATION/ \*BLOOD  
VESSEL PROSTHESIS/ BLOOD VESSEL  
PROSTHESIS, adverse effects/ CARBON/  
DOGS/ FEMALE/ HEART, ARTIFICIAL/  
\*HEART VALVE PROSTHESIS/ HEART  
VALVE PROSTHESIS, adverse effects/  
HEMODIALYSIS/ HEPARIN/ HUMAN/  
MEMBRANES, ARTIFICIAL/ MIDDLE AGE/  
\*POLYMERS/ SURFACE PROPERTIES/  
THROMBOSIS, physiopathology/  
THROMBOSIS, prevention & control

6637. Vallent K: Über die Wirkung der Dextranbehandlung auf den endogenen Heparin Gehalt, den Elektrolyt-Flüssigkeitshaushalt und die 17-Ketosteroid-Ausscheidung.

Chirurg 40:171-4, Apr 69 (Ger)  
BLOOD CELL COUNT/ \*DEXTRAN,  
pharmacodynamics/ DEXTRAN,  
therapeutic use/ DIURESIS, drug effects/  
ENGLISH ABSTRACT/ EOSINOPHILS, drug  
effects/ \*HEPARIN, blood/ HUMAN/  
\*17-KETOSTEROIDS, urine/ NATRIURESIS/  
POTASSIUM, urine/ THROMBOEMBOLISM,  
drug therapy/ \*WATER-ELECTROLYTE  
BALANCE, drug effects

6638. Vallent K, Palkovits M: Über die Wirkung der neonatal verabfolgten Heparinbehandlung auf den Thymus, die Milz, die Leber, das histologische Bild der Nebennierenrinde, die zirkulierende Lymphozytenzahl, den Serum-Einweiß-, Na-, K-Gehalt und auf das Wachstum bei Ratten.

Endokrinologie 54:215-24, 1969 (Ger)  
ADRENAL GLANDS, anatomy & histology/  
\*ADRENAL GLANDS, drug effects/ ANIMAL  
EXPERIMENTS/ ANIMALS, NEWBORN/  
\*BLOOD PROTEINS/ BODY WEIGHT/  
ENGLISH ABSTRACT/ \*HEPARIN,  
pharmacodynamics/ \*LEUKOCYTE COUNT/  
LIVER, anatomy & histology/ \*LIVER, drug  
effects/ \*LYMPHOCYTES/ NUCLEOPROTEINS,  
biosynthesis/ ORGAN WEIGHT/ \*POTASSIUM,  
blood/ RATS/ \*SODIUM, blood/ SPLEEN,  
anatomy & histology/ \*SPLEEN, drug effects/  
THYMUS GLAND, anatomy & histology/  
\*THYMUS GLAND, drug effects



## AUTHOR SECTION

6639. Vallette FN: Cavernous hemangioma of the rectum: an unusual case. *Dis Colon Rectum* 13:344-5, Jul-Aug 70  
CHILD/ FEMALE/ \*HEMANGIOMA,  
CAVERNOUS, diagnosis/ HEMANGIOMA,  
CAVERNOUS, pathology/ HEMANGIOMA,  
CAVERNOUS, surgery/ HUMAN/ \*RECTAL  
NEOPLASMS, diagnosis/ RECTAL  
NEOPLASMS, pathology/ RECTAL  
NEOPLASMS, surgery
6640. Vambutas VK, Salton MR: Incorporation of [14C]glycine into *Micrococcus lysodeikticus* membrane protein and effects of protein synthesis inhibitors. *Biochim Biophys Acta* 203:83-93, 17 Mar 70  
BACTERIAL PROTEINS, biosynthesis/  
CARBON ISOTOPES/ CELL MEMBRANE,  
metabolism/ CHLORAMPHENICOL,  
pharmacodynamics/ CULTURE MEDIA/  
CYCLOHEXIMIDE, pharmacodynamics/  
CYTOPLASM, metabolism/ DEPRESSION,  
CHEMICAL/ DRUG RESISTANCE,  
MICROBIAL/ ELECTROPHORESIS/ \*GLYCINE,  
metabolism/ METABOLISM, drug effects/  
MICROCOCCUS, cytology/ MICROCOCCUS,  
drug effects/ \*MICROCOCCUS, metabolism/  
PEPTIDE HYDROLASES/ PUROMYCIN,  
pharmacodynamics/ SOLUBILITY
6641. Vanacore C, Recalcati P, Sessa A: Trombosi coronarica ed emocoagulabilità a proposito della sospensione del trattamento anticoagulante.  
*Haemat Lat* 11:387-417, Oct-Dec 68 (Ita)  
\*BISHYDROXYCOUMARIN, therapeutic use/  
\*BLOOD COAGULATION, drug effects/  
BLOOD COAGULATION TESTS/ \*CORONARY  
DISEASE, drug therapy/ ENGLISH  
ABSTRACT/ HUMAN
6642. Van Aken WG, Vreeken J: Accumulation of macromolecular particles in the reticuloendothelial system (RES) mediated by platelet aggregation and disaggregation.  
*Thromb Diath Haemorrh* 22:496-507, 31 Dec 69  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION TESTS/ \*BLOOD  
PLATELETS/ CARBON, analysis/ CARBON,  
metabolism/ FIBRINOGEN/ FIBRINOLYSIS,  
drug effects/ FIBRINOLYTIC AGENTS/  
IMMUNOELECTROPHORESIS/ LIVER, analysis/  
LUNG, analysis/ MALE/ \*PHAGOCYTOSIS/  
PLASMINOGEN/ PLATELET ADHESIVENESS/  
RABBITS/ RETICULOENDOTHELIAL SYSTEM,  
metabolism/ \*RETICULOENDOTHELIAL  
SYSTEM, physiology/ SPLEEN, analysis/  
STREPTOKINASE
6643. Van Arman CG, Carlson RP, Brown WR, et al: Indomethacin inhibits the local Schwartzman reaction.  
*Proc Soc Exp Biol Med* 134:163-8, May 70  
ANIMAL EXPERIMENTS/ DEPRESSION,  
CHEMICAL/ ENDOTOXINS, administration &  
dosage/ INDOMETHACIN, administration &  
dosage/ \*INDOMETHACIN, pharmacodynamics/  
NEUTROPHILS, drug effects/ NEUTROPHILS,  
enzymology/ RABBITS/ \*SHWARTZMAN  
PHENOMENON, prevention & control
6644. Van Belle H: Uptake and deamination of adenosine by blood. Species differences, effect of pH, ions, temperature and metabolic inhibitors.  
*Biochim Biophys Acta* 192:124-32, 7 Oct 69  
AMINOHYDROLASES,  
antagonists & inhibitors/  
\*AMINOHYDROLASES, blood/ ANIMAL  
EXPERIMENTS/ \*BLOOD, metabolism/ BLOOD  
CELL COUNT/ BLOOD PLATELETS,  
enzymology/ \*BLOOD PLATELETS,  
metabolism/ CATS/ CATTLE/ CELL  
MEMBRANE/ CHICKENS/  
CHLOROMERCURIBENZOATES,  
pharmacodynamics/ CYANIDES,  
pharmacodynamics/ DINITROPHENOLS,  
pharmacodynamics/ DOGS/ ERYTHROCYTES,  
enzymology/ \*ERYTHROCYTES, metabolism/  
ETHYLMALIMIDE, pharmacodynamics/  
FLUORIDES, pharmacodynamics/ GOATS/  
GUINEA PIGS/ HEMATOCRIT/ HEMOLYSIS/  
HORSES/ HUMAN/ HYDROGEN-ION  
CONCENTRATION/ IN VITRO/ MALONATES,  
pharmacodynamics/ NUCLEOSIDES, blood/  
\*NUCLEOSIDES, metabolism/ OUABAIN,  
pharmacodynamics/ PLASMA/ RABBITS/  
RATS/ SHEEP/ SPECIES SPECIFICITY/  
SWINE/ TEMPERATURE
6645. Van Creveld S, Buchner R: Dental extractions and the use of Christmas factor concentrate in cases of haemophilia B. *Vox Sang* 18:441-9, May 70  
ADOLESCENCE/ ADULT/ BODY WEIGHT/  
CHILD/ \*CHRISTMAS DISEASE, immunology/  
FACTOR VII, therapeutic use/ \*FACTOR IX,  
therapeutic use/ FACTOR X, therapeutic use/  
HEMORRHAGE, ORAL, prevention & control/  
HUMAN/ PROTHROMBIN, therapeutic use/  
\*TOOTH EXTRACTION
6646. Vandermeers A, Christophe J: Purification des trypsinogènes et du chymotrypsinogène du pancréas de rat. *Arch Int Physiol* 77:577-8, Aug 69 (Fre)  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ CHROMATOGRAPHY, ION  
EXCHANGE/ \*CHYMOTRYPSIN/ DIALYSIS/  
\*ENZYME PRECURSORS, isolation &  
purification/ HYDROGEN-ION  
CONCENTRATION/ MOLECULAR WEIGHT/  
\*PANCREAS, enzymology/ PRECIPITATION/  
RATS/ SULFATES/ \*TRYPSINOGEN, isolation  
& purification
6647. Vandermeers A, Rathé J, Christophe J: Stabilisation des hydrolases pancréatiques du rat pendant la chromatographie.  
*Arch Int Physiol* 77:579-80, Aug 69 (Fre)  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ BUFFERS/ CHYMOTRYPSIN/  
COLD/ \*ENZYME PRECURSORS, isolation &  
purification/ METHODS/ \*PANCREAS,  
enzymology/ PROTEIN DENATURATION/  
RATS/ \*TRYPSINOGEN, isolation &  
purification/ ULTRACENTRIFUGATION
6648. Van Thiel DH, Ross GT, Lipsett MB: Pregnancies after chemotherapy of trophoblastic neoplasms.  
*Science* 169:1326-7, 25 Sep 70  
ABORTION/ ABRUPTIO PLACENTAE/  
\*ANTINEOPLASTIC AGENTS, therapeutic use/  
AZO COMPOUNDS, therapeutic use/  
DACTINOMYCIN, therapeutic use/  
DEAF-MUTISM, familial & genetic/ DNA,  
biosynthesis/ ECZEMA, congenital/ EDEMA/  
FEMALE/ FETAL DEATH/ FOLLOW-UP  
STUDIES/ GOITER, familial & genetic/  
HEMANGIOMA, congenital/ HEMORRHAGE,  
POSTPARTUM/ HUMAN/ HYPEREMESIS  
GRAVIDARUM/ IODINE, metabolism/  
MECHLORETHAMINE, therapeutic use/  
METHOTREXATE, therapeutic use/  
MUTATION/ PLACENTA ACCRETA/  
\*PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, drug therapy/  
STRABISMUS, congenital/ TETRALOGY OF  
FALLOT/ \*TROPHOBLASTIC TUMOR, drug  
therapy/ VINBLASTINE, therapeutic use
6649. Vapalahti PM, Häyry P, Stenman S, et al: Spontaneous intracerebral haematoma in a patient undergoing haemodialysis. *Lancet* 2:823, 17 Oct 70  
GLOMERULONEPHRITIS, therapy/  
\*HEMATOMA, etiology/ \*HEMODIALYSIS,  
adverse effects/ HUMAN/ MALE/ MIDDLE  
AGE/ \*OCCIPITAL LOBE
6650. Varga JM, Neujahr HY: Purification and properties of catechol 1,2-oxygenase from *Trichosporon cutaneum*.  
*Eur J Biochem* 12:427-34, Feb 70  
AMMONIUM COMPOUNDS/ CATECHOL/  
CHELATING AGENTS/  
CHLOROMERCURIBENZOATES/  
CHROMATOGRAPHY, ION EXCHANGE/  
COLOR/ CULTURE MEDIA/ DRUG  
STABILITY/ ELECTROPHORESIS, DISK/  
ENZYME ACTIVATION/ GEL FILTRATION/  
HYDROGEN-ION CONCENTRATION/ IRON/  
KINETICS/ MANOMETRY/ METALS/  
METHODS/ MOLECULAR WEIGHT/  
\*MONILIALES, enzymology/  
OXIDATION-REDUCTION/ OXYGEN/  
\*OXYGENASES/ OXYGENASES, antagonists &  
inhibitors/ OXYGENASES, isolation &



## AUTHOR SECTION

- purification/ PHENOLS/ PRECIPITATION/  
PROTAMINES/ QUINONES/ SOIL  
MICROBIOLOGY/ SPECTROPHOTOMETRY/  
SULFATES/ TIME FACTORS/ ULTRAVIOLET  
RAYS
651. Varishavskii IM, Vaisman LA, Geller AN:  
Proteoliticheskie fermenty v lechenii furunkulov  
litse i golovy.  
Khirurgia (Moskva) 45:13-5, May 69 (Rus)  
\*CARBUNCLE, drug therapy/ ENGLISH  
ABSTRACT/ \*FACIAL DERMATOSES, drug  
therapy/ \*FURUNCULOSIS, drug therapy/  
\*HEAD/ \*PEPTIDE HYDROLASES, therapeutic  
use
652. Varpela E, Saris NE, Adlercreutz H:  
Alfa-1-antitrypsin puute ja krooninen  
keuhkosairaus. Duodecim 85:950-5, 1969 (Fin)  
ADULT/ BLOOD PROTEIN  
ELECTROPHORESIS/ CASE REPORT/  
ELECTROPHORESIS/ \*EMPHYSEMA, blood/  
EMPHYSEMA, familial & genetic/ ENGLISH  
ABSTRACT/ HUMAN/ MALE/ PEDIGREE/  
\*TRYPSIN INHIBITORS
653. Vasilenko IS, Iushkova EV: Razryv kavernoiznoi  
gemangliomy sal'nika.  
Khirurgia (Moskva) 46:121, Jan 70 (Rus)  
ADULT/ CASE REPORT/ \*HEMANGIOMA,  
CAVERNOUS, complications/ HUMAN/ MALE/  
\*OMENTUM/ \*PERITONEAL NEOPLASMS,  
complications/ RUPTURE, SPONTANEOUS
654. Vasilenko NM, Iunash NA: Sostoiannie svertyvalushchei  
sistemy krovi pri vozdeistvii aromaticeskikh nitro-1  
aminosoiidnii v usloviiakh proizvodstva i v  
eksperimente. Gig Tr Prof Zabol 13:26-8, Nov 69 (Rus)  
ADULT/ \*ANILINE COMPOUNDS, poisoning/  
ANIMAL EXPERIMENTS/ \*BENZENE  
DERIVATIVES, poisoning/ \*BLOOD  
COAGULATION, drug effects/ ENGLISH  
ABSTRACT/ ENVIRONMENTAL EXPOSURE/  
HUMAN/ \*NITROGEN/ \*OCCUPATIONAL  
DISEASES, blood/ RATS
655. Vasilenko NM, Iunash NA: Vliianie aromaticeskikh  
nitro-1 aminosoiidnii na svertyvalushchuiu sistemu  
krovi. Vrach Delo 8:110-2, Aug 69 (Rus)  
ADULT/ AIR POLLUTION/ \*ANILINE  
COMPOUNDS, toxicity/ \*BLOOD  
COAGULATION, drug effects/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ CHEMICAL INDUSTRY/ ENGLISH  
ABSTRACT/ ENVIRONMENTAL EXPOSURE/  
HUMAN/ LIVER, drug effects/  
\*NITROBENZENES, toxicity/ USSR
656. Vasil'ev GA, Romacheva IF, Rybalov OV: Klinika,  
diagnostika i lechenie khronicheskikh vospalitel'nykh  
zabolevanii okoloushnykh silunnykh zhelez.  
Stomatologiya (Moskva) 48:44-50, Sep-Oct 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ CHILD/  
CHILD, PRESCHOOL/ CHRONIC DISEASE/  
DIAGNOSIS, DIFFERENTIAL/ ENGLISH  
ABSTRACT/ FEMALE/ GALANTHAMINE,  
diagnostic use/ HUMAN/ MALE/ MIDDLE  
AGE/ \*PAROTITIS, diagnosis/ \*PAROTITIS,  
therapy/ \*SALIVARY DUCT CALCULI,  
radiography/ \*SALIVARY DUCT CALCULI,  
therapy/ SIALOGRAPHY/ TRYPSIN, diagnostic  
use
657. Vasil'ev VN, Shtein LF: Gemangioperitsitoma legkogo.  
Grudn Khir 11:96-7, Nov-Dec 69 (Rus)  
CASE REPORT/ FEMALE/  
\*HEMANGIOPERICYTOMA/ HUMAN/ \*LUNG  
NEOPLASMS/ MIDDLE AGE
658. Vasil'eva IG, Korolenko VP, Agapov VS:  
Gematologicheskie izmeneniia pri lechenii  
kavernoiznykh gemangiom litse in "ekstremal'  
etilovogo spirta.  
Stomatologiya (Moskva) 48:57-9, Sep-Oct 69 (Rus)  
\*ALCOHOL, ETHYL, therapeutic use/  
ENGLISH ABSTRACT/ ERYTHROCYTE  
COUNT/ \*FACE/ \*HEMANGIOMA,  
CAVERNOUS, drug therapy/  
HEMOGLOBINOMETRY/ HUMAN/  
INJECTIONS/ LEUKOCYTOSIS
6659. Vasil'eva KM: Sostoiannie svertyvalushchei i  
protivosvertyvalushchei sistem krovi pri  
krovotekheniakh v rannem poslerodovom periode.  
Sovet Med 31:118-9, Dec 68 (Rus)  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION TESTS/ FEMALE/  
\*HEMORRHAGE, POSTPARTUM, etiology/  
HUMAN/ PREGNANCY
6660. Vasil'eva SG: Zagotovka krovi vyezdnyimi  
brigadami--reshalushchii faktor v razviti  
bezvozmezhnogo donorstva.  
Probl Gemat 13:53, May 68 (Rus)  
\*BLOOD DONORS/ \*BLOOD PRESERVATION/  
HEALTH FACILITIES/ TECHNOLOGY,  
MEDICAL/ USSR
6661. Vasilevskaya LS, Vasil'eva EN: Vliianie vikasola na  
sostoiannie zhivotnykh s fistuloi obshchego zhelechnogo  
protoka. Vop Pitn 28:43-5, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ BILE, secretion/  
BILE ACIDS AND SALTS, metabolism/  
\*COMMON BILE DUCT, physiology/ COMMON  
BILE DUCT, surgery/ ENGLISH ABSTRACT/  
HEMORRHAGE, prevention & control/  
INFLAMMATION, prevention & control/  
LIPIDS, metabolism/ \*LIVER, secretion/  
MORTALITY/ PHOSPHORUS, metabolism/  
RATS/ TIME FACTORS/ \*VITAMIN K,  
therapeutic use
6662. Vasilukov SE, Karpinskaya VM, Kolesnikov GS, et al: Ob  
issledovanii antitrombogenicnykh svoistv  
modifitsirovannykh polimervov dlia  
serdechno-sosudistoi khirurgii.  
Eksp Khir Anest 14:51-4, Mar-Apr 69 (Rus)  
\*BLOOD COAGULATION/ \*CARDIOVASCULAR  
SYSTEM, surgery/ ENGLISH ABSTRACT/  
\*FIBRINOLYTIC AGENTS, pharmacodynamics/  
IN VITRO/ \*POLYMERS, pharmacodynamics
6663. Vasilukova EA, Pisarskaya IB: Anabolicheskie  
steroidnye preparaty i sistema svertyvaniia krovi pri  
bolezni Itsenko-Kushinga.  
Klin Med (Moskva) 47:90-2, Jul 69 (Rus)  
\*ANABOLIC STEROIDS, pharmacodynamics/  
BLOOD COAGULATION, drug effects/ BLOOD  
COAGULATION FACTORS, analysis/  
\*CUSHING'S SYNDROME, drug therapy/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE
6664. Vasilukova EA, Pisarskaya IV, Skvortsova RI: Sistema  
svertyvaniia krovi i metabolism kortizola pri bolezni  
Itsenko-Kushinga. Ter Arkh 41:85-8, Jul 69 (Rus)  
ADOLESCENCE/ ADULT/ \*BLOOD  
COAGULATION FACTORS, analysis/  
\*CUSHING'S SYNDROME/ CUSHING'S  
SYNDROME, blood/ CUSHING'S SYNDROME,  
metabolism/ ENGLISH ABSTRACT/ FACTOR  
VIII, analysis/ FACTOR XIII, analysis/  
FEMALE/ FIBRINOLYSIS/ HEPARIN,  
analysis/ HUMAN/ \*HYDROCORTISONE,  
metabolism/ MALE/ MIDDLE AGE
6665. Vasilukova EA, Zeffrova GS, Briskin AI: Anabolicheskie  
steroidy v lechenii endokrinnykh zabolevanii.  
Ter Arkh 41:9-15, Apr 69 (44 ref.) (Rus)  
AMINO ACIDS, metabolism/ ANABOLIC  
STEROIDS, pharmacodynamics/ \*ANABOLIC  
STEROIDS, therapeutic use/ ANIMAL  
EXPERIMENTS/ BLOOD SUGAR/ CARBON  
ISOTOPES/ CORTICOTROPIN, metabolism/  
DIABETES MELLITUS, drug therapy/  
\*ENDOCRINE DISEASES, drug therapy/ EYE  
DISEASES, drug therapy/ FIBRINOLYSIS,  
drug effects/ GLYCINE, metabolism/  
GROWTH, drug effects/ HUMAN/ NITROGEN,  
metabolism/ RADIOISOTOPES/ RATS/  
RETINA/ REVIEW/ RNA, biosynthesis/  
SOMATOTROPIN, biosynthesis
6666. Vasilukov VI: Klinika, diagnostika i lechenie  
nedostatochnosti kommunikantnykh ven nizhnikh  
konechnostei. Klin Khir (Kiev) 6:53-7, Jun 69 (Rus)  
ANGIOMATOSIS/ FEMALE/ HUMAN/ LEG,  
blood supply/ \*LEG ULCER, surgery/ MALE/  
PHLEBOGRAPHY/ \*THROMBOPHLEBITIS,  
complications/ \*VARICOSE VEINS, surgery



## AUTHOR SECTION

6667. Vasudevan DM, Philip M, Mathew KT, et al: Malignant haemangiopericytoma. A case report. Indian J Cancer 6:262-6, Dec 69  
AGED/ \*HEMANGIOPERICYTOMA, pathology/  
HUMAN/ MALE/ SKIN NEOPLASMS,  
pathology
6668. Vatmakher UA, Tolstopiatova IA, P'iankova TI: Koagulograf-novyi portativnyi pribor dlia issledovaniia sistemy svertyvaniia krovi. Lab Delo 8:496-9, 1969 (Rus)  
\*BLOOD COAGULATION TESTS,  
instrumentation/ HUMAN
6669. Vaughan ED Jr, Moore RA, Warren H, et al: Skin necrosis of genitalia and warfarin therapy. JAMA 210:2282-3, 22 Dec 69  
ADULT/ HUMAN/ MALE/ NECROSIS/  
\*PENILE DISEASES, etiology/ \*SKIN,  
pathology/ \*WARFARIN, adverse effects
6670. Vayre P, Levasseur JC: Hémorragies massives d'origine gastro-duodénale. Hypertension portale exclue. Presse Med 78:237-40, 28 Jan 70 (Fre)  
BLOOD TRANSFUSION/ DUODENAL  
DISEASES, complications/ GASTRIC  
HYPOTHERMIA/ \*HEMORRHAGE,  
GASTROINTESTINAL/ HEMORRHAGE,  
GASTROINTESTINAL, etiology/  
HEMORRHAGE, GASTROINTESTINAL,  
surgery/ HEMORRHAGE,  
GASTROINTESTINAL, therapy/ HEMOSTASIS/  
HUMAN
6671. Vazquez JJ: Immunopathologic aspects of lung disease. Arch Intern Med (Chicago) 126:471-4, Sep 70  
ANAPHYLAXIS, immunology/ ANIMAL  
EXPERIMENTS/ ANTI-ANTIBODIES/  
ANTIBODY FORMATION/  
ANTIGEN-ANTIBODY REACTIONS/ ASTHMA,  
immunology/ AUTOANTIBODIES/ BASEMENT  
MEMBRANE/ BLOOD PROTEINS, metabolism/  
BRONCHI, blood supply/ BRONCHI,  
immunology/ CILIA/ CONNECTIVE TISSUE/  
EPITHELIUM/ FIBRINOGEN, metabolism/  
GAMMA GLOBULIN, 7S/ \*GOODPASTURE'S  
SYNDROME, immunology/  
IMMUNOCHEMISTRY/ \*LUNG DISEASES,  
immunology/ MUCUS/ PULMONARY  
ALVEOLI, blood supply/ PULMONARY  
ALVEOLI, immunology/ RATS
6672. Vecchioni R, Cordiano C, Perrino G: Sulla secrezione esocrina del pancreas nel ratto. Acta Chir Ital 24:75-88, Jan-Feb 68 (Ita)  
AMYLASE, analysis/ ANIMAL EXPERIMENTS/  
ENGLISH ABSTRACT/ \*HYPERGLYCEMIA,  
physiopathology/ LIPASE, analysis/ MALE/  
\*METHACHOLINE COMPOUNDS,  
pharmacodynamics/ PANCREAS,  
physiopathology/ \*PANCREAS, secretion/  
PANCREATIC JUICE, analysis/ RATS/  
\*SECRETIN, pharmacodynamics/ TIME  
FACTORS/ TRYPSIN, analysis
6673. Vecchioni R, Cordiano C, Perrino G: La funzione del pancreas esocrino dopo vagotomia (ricerca sperimentale) Acta Chir Ital 24:27-37, Jan-Feb 68 (Ita)  
AMYLASE, analysis/ ANIMAL EXPERIMENTS/  
BLOOD SUGAR/ LIPASE, analysis/ MALE/  
METHACHOLINE COMPOUNDS,  
pharmacodynamics/ \*PANCREAS,  
physiopathology/ PANCREATIC JUICE,  
analysis/ PANCREATIC JUICE, secretion/  
POSTOPERATIVE COMPLICATIONS/ RATS/  
SECRETIN, pharmacodynamics/ TIME  
FACTORS/ TRYPSIN, pharmacodynamics/  
\*VAGOTOMY
6674. Vecchioni R, Perrino G, Cordiano C: Sulla funzione esopancreatica nel ratto dopo occlusione del dotto di Wirsung. Acta Chir Ital 24:101-8, Jan-Feb 68 (Ita)  
AMYLASE, blood/ ANIMAL EXPERIMENTS/  
BLOOD SUGAR/ ENGLISH ABSTRACT/  
LIPASE, blood/ MALE/ METHACHOLINE  
COMPOUNDS, pharmacodynamics/ PANCREAS,  
physiopathology/ \*PANCREAS, secretion/  
\*PANCREATIC DUCTS/ RATS/ SECRETIN,  
pharmacodynamics/ STIMULATION,  
CHEMICAL/ TRYPSIN, blood
6675. Vecsey D, Czuczor H, Bánkuti F: Blutungs- und Thromboseprophylaxe bei Prostataktomie. Med Welt 30:1666-8, 26 Jul 69 (Ger)  
\*AMINOCAPROIC ACID, therapeutic use/  
\*DEXTRAN, therapeutic use/ \*HEMORRHAGE,  
prevention & control/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ \*KALLIKREIN-TRYPSIN  
INACTIVATOR, therapeutic use/ MALE/  
METHODS/ \*POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
\*PROSTATECTOMY/ \*THROMBOEMBOLISM,  
prevention & control/ URINARY  
CATHETERIZATION
6676. Vediaev FP, Kaliman VA: Vliianie razdrasheniia lader mindalevidnogo kompleksa na pokazateli svertyvalushchel sistemy krovi. Fiziol Zh SSSR Sechenov 55:833-6, Jul 69 (Rus)  
\*AMYGDALOID BODY, physiology/ ANIMAL  
EXPERIMENTS/ \*BLOOD COAGULATION  
TESTS/ \*ELECTRIC STIMULATION/ ENGLISH  
ABSTRACT/ PROTHROMBIN TIME/ RABBITS
6677. Velemínský M: Subkapsulární hematom játer u dvou novorozenců. Cesk Pediat 25:96, Feb 70 (Cze)  
AUTOPSY/ FEMALE/ \*HEMATOMA, diagnosis/  
HUMAN/ INFANT, NEWBORN/ \*INFANT,  
NEWBORN, DISEASES, diagnosis/ \*LIVER  
DISEASES, diagnosis
6678. Vélez-García E, Fradera J, Maldonado N, et al: Glanzmann's thrombasthenia. (Report of 3 cases). Bol Asoc Med P Rico 62:86-91, Mar 70  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION TESTS/ BLOOD PLATELET  
DISORDERS, diagnosis/ \*BLOOD PLATELET  
DISORDERS, familial & genetic/ FEMALE/  
HEMORRHAGE/ HUMAN/ PURPURA,  
THROMBOPENIC, diagnosis/ \*PURPURA,  
THROMBOPENIC, familial & genetic
6679. Velican C: Studies on the age-related changes occurring in human cerebral arteries. Atherosclerosis 11:509-29, May-Jun 70  
ADOLESCENCE/ ADULT/ AGED/ \*AGING/  
\*ARTERIOSCLEROSIS, metabolism/  
\*CEREBRAL ARTERIES, analysis/ CEREBRAL  
ARTERIES, pathology/ CHILD/ CHILD,  
PRESCHOOL/ CHROMATOGRAPHY, PAPER/  
COLLAGEN, analysis/ HEXOSAMINES,  
analysis/ HISTOCYTOCHEMISTRY/ HUMAN/  
INFANT/ INFANT, NEWBORN/ MIDDLE  
AGE/ MUCOPROTEINS, analysis/  
NEURAMINIC ACIDS, analysis/ PEPTIDE  
HYDROLASES, analysis
6680. Velican C, Cinca D: Comparative study on the auditory ossicles related to the pathogeny of otosclerosis. Acta Otolaryng (Stockholm) 68:293-302, Oct 69  
ADULT/ BUFFERS/ CLOSTRIDIOPEPTIDASE  
A/ COLLAGEN/ \*EAR OSSICLES, pathology/  
FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/  
HYALURONIDASE/ MALE/ NEURAMINIC  
ACIDS/ NEURAMINIDASE/ OTOSCLEROSIS  
pathology/ PAPAIN/ ROSANILINE DYES/  
STAINS AND STAINING/ TRYPSIN
6681. Velican C, Velican D, Marcus N, et al: Increased susceptibility to proteolytic action of gastric superficial mucosa after sialic acid release. Amer J Dig Dis 15:413-8, May 70  
ACIDOSIS, metabolism/ ADULT/ GASTRIC  
ACIDITY DETERMINATION/ GASTRIC JUICE/  
GASTRIC MUCOSA, enzymology/ \*GASTRIC  
MUCOSA, metabolism/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ MIDDLE  
AGE/ \*NEURAMINIC ACIDS, metabolism/  
PAPAIN, metabolism/ PEPsin, metabolism/  
\*PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ STOMACH, enzymology/  
TRYPSIN, metabolism
6682. Veljanov D, Radoutcheva T, Kantardjiev V, et al: Virulentization and state of bacterial surface in strains of Salmonella typhimurium. Dokl Bolg Akad Nauk 23:209-12, 1970  
ACID-BASE EQUILIBRIUM/ AGGLUTINATION  
TESTS/ DRUG RESISTANCE, MICROBIAL/  
HYDROGEN-ION CONCENTRATION/ LIPIDS,  
metabolism/ MICROBIAL SENSITIVITY



# AUTHOR SECTION

- TESTS/ PROTEINS, metabolism/ RADIATION EFFECTS/ \*SALMONELLA TYPHIMURIUM/ SALMONELLA TYPHIMURIUM, drug effects/ SALMONELLA TYPHIMURIUM, pathogenicity/ SALMONELLA TYPHIMURIUM, radiation effects/ TRYPSIN, pharmacodynamics/ VIRULENCE
6683. Velkova-Simova N, Georgieva B, Tadžer IS: Experience with Bergna's assay of factor VIII activity. *Acta Med Jugosl* 22:68-76, 1968  
\*FACTOR VIII, analysis/ \*HEMOPHILIA, blood/ HUMAN/ METHODS/ THROMBOPLASTIN, analysis
6684. Vella F, Charlesworth D, Lorkin PA, et al: Hemoglobin Broussais: alpha-90 lys changed to asn. *Canad J Biochem* 48:908-10, Aug 70  
AMINO ACIDS, analysis/ ASPARAGINE, analysis/ AUTOANALYSIS/ BLOOD PROTEIN ELECTROPHORESIS/ FEMALE/ GLOBINS, analysis/ \*HEMOGLOBINS, ABNORMAL/ HUMAN/ INFANT/ LYSINE, analysis/ MALE/ PEPTIDES, analysis/ SASKATCHEWAN/ TRYPSIN
6685. Veltkamp JJ, Meilof J, Remmelts HG, et al: Another genetic variant of haemophilia B: haemophilia B Leyden. *Scand J Haemat* 7:82-90, 1970  
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, blood/ \*CHRISTMAS DISEASE, familial & genetic/ FACTOR IX, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PEDIGREE
6686. Veltkamp JJ, Stevens P, Plas M von der, et al: Production site of bleeding factor. (Acquired morbus von Willebrand). *Thromb Diath Haemorrh* 23:412, 1970  
ACETONE/ BENZENE HEXACHLORIDE/ \*BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ FACTOR VIII, biosynthesis/ FACTOR VIII, therapeutic use/ HUMAN/ KEROSENE/ MALE/ PESTICIDES/ PYRETHRUM/ SUICIDE/ \*VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, chemically induced/ VON WILLEBRAND'S DISEASE, therapy
6687. Veltkamp JJ, Willemin M, Gaston LW: Aspirin and bleeders. *New Eng J Med* 283:434-5, 20 Aug 70  
ADOLESCENCE/ \*ASPIRIN, adverse effects/ \*BLOOD COAGULATION, drug effects/ \*HEMOPHILIA, complications/ HUMAN/ MALE
6688. Venclík H: Vytvoření malého středouší pomocí parafinové plomby. *Cesk Otolaryng* 19:8-11, Feb 70 (Cze)  
ADHESIONS/ ADULT/ AUDIOMETRY/ \*EAR, MIDDLE, surgery/ EAR OSSICLES, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ \*MUCOUS MEMBRANE/ \*PARAFFIN, therapeutic use/ POSTOPERATIVE COMPLICATIONS/ REGENERATION/ \*TYMPANOPLASTY
6689. Venneman MR, Bigley NJ: Isolation and partial characterization of an immunogenic moiety obtained from *Salmonella typhimurium*. *J Bact* 100:140-8, Oct 69  
ADJUVANTS, IMMUNOLOGIC/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BACTERIAL PROTEINS, analysis/ \*BACTERIAL VACCINES, isolation & purification/ CENTRIFUGATION, DENSITY GRADIENT/ DEOXYRIBONUCLEASE, pharmacodynamics/ DIALYSIS/ DNA, BACTERIAL, analysis/ ENDOTOXINS/ IMMUNITY/ LIPOPOLYSACCHARIDES/ MICE/ PEPTIDE HYDROLASES, pharmacodynamics/ POLYSACCHARIDES, BACTERIAL/ RIBONUCLEASE, pharmacodynamics/ \*RIBOSOMES, immunology/ RNA, BACTERIAL, analysis/ \*SALMONELLA TYPHIMURIUM, immunology/ SODIUM/ SULFATES/ TRYPSIN, pharmacodynamics
6690. Veray FX, Rodríguez Maldonado R, Arandes E, et al: Deep thrombophlebitis in pregnancy. *Bol Asoc Med P Rico* 62:232-8, Aug 70
- ADOLESCENCE/ ADULT/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ \*THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy
6691. Verbanck M, Brauman J, Paulet P, et al: Action du calcium et de la parathormone sur l'excretion des électrolytes et de l'urokinase dans l'insuffisance parathyroïdienne idiopathique. *J Urol Nephrol (Paris)* 75:983-93, Dec 69 (Fre)  
ANIMAL EXPERIMENTS/ CALCIUM, blood/ \*CALCIUM, pharmacodynamics/ DIHYDROTACHYSTEROL, pharmacodynamics/ DOGS/ FEMALE/ \*FIBRINOLYTIC AGENTS, urine/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERCALCEMIA, chemically induced/ \*HYPOPARATHYROIDISM, metabolism/ \*KIDNEY, drug effects/ MIDDLE AGE/ \*PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, blood/ \*WATER-ELECTROLYTE BALANCE
6692. Veremeenko KN: Sovremennyye napravleniya lechnogo ispol'zovaniya inhibitorov fermentov v klinike. *Vrach Delo* 11:11-9, Nov 69 (22 ref.) (Rus)  
BLOOD COAGULATION DISORDERS, drug therapy/ CARBONIC ANHYDRASE INHIBITORS, therapeutic use/ CHOLINESTERASE, antagonists & inhibitors/ ENGLISH ABSTRACT/ \*ENZYMES, antagonists & inhibitors/ HEMORRHAGE, prevention & control/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ PANCREATITIS, drug therapy/ PEPTIDE HYDROLASES, antagonists & inhibitors/ REVIEW
6693. Veremeenko KN, Brovko TE, Begunova TI: Primenenie proteoliticheskikh fermentov pri lechenii khronicheskikh gnoinykh srednikh otitov. *Vestn Otorinolaring* 31:82-5, Mar-Apr 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ CHRONIC DISEASE/ CHYMOTRYPSIN, administration & dosage/ EMULSIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*OTITIS MEDIA, drug therapy/ \*PEPTIDE HYDROLASES, therapeutic use/ SUPPURATION, drug therapy/ TRYPSIN, administration & dosage
6694. Veress B, Bálint A, Kóczé A, et al: Increasing aortic permeability by atherogenic diet. *Atherosclerosis* 11:369-71, May-Jun 70  
ANIMAL EXPERIMENTS/ \*AORTA, ABDOMINAL, metabolism/ ARTERIOSCLEROSIS, physiopathology/ CAPILLARY PERMEABILITY/ \*CELL MEMBRANE PERMEABILITY/ CHOLESTEROL, blood/ COLLOIDS/ \*DIET, ATHEROGENIC/ EPITHELIUM/ IRON, metabolism/ RATS/ STAINS AND STAINING
6695. Veress B, Jellinek H, Bálint A, et al: Az aorta nyirokerelnek elektronmikroszkópos vizsgálata atherogen étrenden tartott patkányokban. *Orv Hetil* 110:2987-9, 21 Dec 69 (Hun)  
ANIMAL EXPERIMENTS/ \*AORTA, pathology/ \*ARTERIOSCLEROSIS, pathology/ \*DIET, ATHEROGENIC/ \*LYMPHATIC SYSTEM, pathology/ RATS
6696. Veress B, Kóczé A, Jellinek H: Morphology of early large vessel lesions in experimental hypertension. *Brit J Exp Path* 50:600-4, Dec 69  
ANIMAL EXPERIMENTS/ \*AORTA, pathology/ ARTERIES, pathology/ FEMALE/ FIBRIN/ \*HYPERTENSION, pathology/ MACROPHAGES/ MALE/ NECROSIS/ RATS
6697. Vergoz D, Vialettes T, Perrot J, et al: L'insuffisance hépatique néo-natale par anoxie. *Sem Hop Paris* 45:2321-6, 10 Sep 69 (Fre)  
ANEMIA, NEONATAL/ \*ANOXIA, complications/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X,



## AUTHOR SECTION

- analysis/ FEMALE/ \*HEMORRHAGIC DISEASE OF NEWBORN/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HUMAN/ HYPOGLYCEMIA, complications/ INFANT, NEWBORN/ \*LIVER DISEASES, etiology/ LIVER DISEASES, physiopathology/ MALE/ NERVOUS SYSTEM DISEASES, etiology/ PROTHROMBIN, analysis/ VITAMIN K, administration & dosage
6698. Vergoz D, Vialettes T, Perrot J, et al: A propos de l'avitaminose K du nouveau-né. *Sem Hop Paris* 45:2313-20, 10 Sep 69 (Fre)  
ANEMIA, NEONATAL/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ HEMATOCRIT/ \*HEMORRHAGIC DISEASE OF NEWBORN/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, drug therapy/ HUMAN/ INFANT, NEWBORN/ \*INFANT, NEWBORN, DISEASES/ LIVER DISEASES, complications/ MALE/ PROTHROMBIN, analysis/ \*VITAMIN K, administration & dosage/ \*VITAMIN K DEFICIENCY/ VITAMIN K DEFICIENCY, diagnosis/ VITAMIN K DEFICIENCY, drug therapy
6699. Vermel' EM, Korman NP, Milonov BV, et al: Klinicheskoe izuchenie N-nitrozometilmocheviny. *Vop Onkol* 16:31-7, May 70 (Rus)  
ADULT/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ \*ANTINEOPLASTIC AGENTS, therapeutic use/ CARCINOMA, drug therapy/ COLONIC NEOPLASMS, drug therapy/ DIARRHEA, chemically induced/ ENGLISH ABSTRACT/ EOSINOPHILIA, chemically induced/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ LUNG NEOPLASMS, drug therapy/ LYMPHATIC METASTASIS/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ \*NEOPLASMS, drug therapy/ NITROSO COMPOUNDS, administration & dosage/ NITROSO COMPOUNDS, adverse effects/ \*NITROSO COMPOUNDS, therapeutic use/ PRURITUS, chemically induced/ SARCOMA, RETICULUM CELL, drug therapy/ STOMACH NEOPLASMS, drug therapy/ THROMBOPENIA, chemically induced/ VOMITING, chemically induced
6700. Vermeulen HJ, Bokkel Huinink SA ten: Streptokinase ter behandeling van hartinfarct. *Nederl T Geneesk* 114:1159-60, 4 Jul 70 (Dut)  
CLINICAL RESEARCH/ COMPARATIVE STUDY/ COUMARINS, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ \*MYOCARDIAL INFARCT, drug therapy/ \*STREPTOKINASE, administration & dosage
6701. Vernant P: L'embolie pulmonaire massive, urgence médicale ou urgence chirurgicale? *Presse Med* 78:453-4, 25 Feb 70 (Fre)  
ADULT/ ANTICOAGULANTS, therapeutic use/ EMERGENCIES/ FEMALE/ HUMAN/ MALE/ PREGNANCY/ \*PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ PULMONARY HEART DISEASE, physiopathology
6702. Verstraete M, Lust A, Vermeylen J: In vitro and in vivo recovery of cryoprecipitated factor 8. *Bibl Haemat* 34:9-17, 1970  
\*BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ \*FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, metabolism/ FACTOR VIII, therapeutic use/ HEMOPHILIA, therapy/ HUMAN/ MALE/ PREOPERATIVE CARE
6703. Vert P, Marchal C, Olive D, et al: La syndrome de détresse respiratoire idiopathique du nouveau-né. Etude clinique, biologique et thérapeutique. *Ann Pediat (Paris)* 17:174-84, 2 Mar 70 (Fre)  
ACIDOSIS, RESPIRATORY, drug therapy/ BICARBONATES, therapeutic use/ BLOOD TRANSFUSION/ CARBON DIOXIDE, blood/ CYANOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DYSPNEA, diagnosis/ ENGLISH ABSTRACT/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ INFECTION, complications/ INTUBATION, INTRATRACHEAL, adverse effects/ OXYGEN INHALATION THERAPY/ PNEUMOTHORAX, complications/ PULMONARY EDEMA, complications/ RESPIRATORS/ \*RESPIRATORY DISTRESS SYNDROME/ RESPIRATORY DISTRESS SYNDROME, complications/ RESPIRATORY DISTRESS SYNDROME, diagnosis/ RESPIRATORY DISTRESS SYNDROME, occurrence/ RESPIRATORY DISTRESS SYNDROME, radiography/ RESPIRATORY DISTRESS SYNDROME, therapy/ RESUSCITATION/ SODIUM, therapeutic use/ TACHYCARDIA, complications
6704. Vertogradova TP: Deistvie rubomitsinov S i V na krovotvorenie krollkov i krys. *Antibiotiki* 14:1092-6, Dec 69 (Rus)  
\*AGRANULOCYTOSIS, chemically induced/ ANIMAL EXPERIMENTS/ \*ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ BLOOD CELL COUNT/ \*BONE MARROW DISEASES, chemically induced/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ \*HEMATOPOIESIS, drug effects/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ \*LEUKOCYTOSIS, chemically induced/ \*LYMPHOPENIA, chemically induced/ RABBITS/ RATS/ \*THROMBOPENIA, chemically induced
6705. Vertogradova TP: Sravnitel'noe izuchenie deistvii rubomitsinov C i B na perifericheskulu krov' zhivotnykh. *Antibiotiki* 14:840-5, Sep 69 (Rus)  
AGRANULOCYTOSIS, chemically induced/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ \*ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ ANTIBIOTICS, ANTINEOPLASTIC, toxicity/ BLOOD CELL COUNT/ \*BLOOD CELLS, drug effects/ BLOOD PLATELETS, drug effects/ BONE MARROW, drug effects/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ ERYTHROCYTES, drug effects/ \*HEMATOPOIESIS, drug effects/ KIDNEY, drug effects/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ LEUKOCYTOSIS, chemically induced/ LEUKOPENIA, chemically induced/ LIVER, drug effects/ LYMPHOCYTES, drug effects/ LYMPHOPENIA, chemically induced/ THROMBOPENIA, chemically induced
6706. Vertogradova TP, Kunrat IA, Muraveiskaja VS: Deistvie na organy i krov' éksperimental'nykh zhivotnykh, raspredelenie po organizmu i vydeleni protivopukhlevogo antibiotika tavromitsetina. *Antibiotiki* 15:59-63, Jan 70 (Rus)  
ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ \*ANTIBIOTICS, ANTINEOPLASTIC, analysis/ \*ANTIBIOTICS, ANTINEOPLASTIC, blood/ \*ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ ANTIBIOTICS, ANTINEOPLASTIC, urine/ BILE, analysis/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ \*GASTROINTESTINAL SYSTEM, drug effects/ GASTROINTESTINAL SYSTEM, pathology/ \*HEMATOPOIESIS, drug effects/ HEMOGLOBIN, analysis/ INJECTIONS,



## AUTHOR SECTION

- INTRAVENOUS/ \*KIDNEY, analysis/  
KIDNEY, drug effects/ KIDNEY, pathology/  
LEUKOCYTOSIS, chemically induced/ \*LIVER,  
drug effects/ LIVER, pathology/ LUNG,  
analysis/ LYMPHOPENIA/ MYOCARDIUM,  
analysis/ RABBITS/ RATS/ SPLEEN, analysis/  
STIMULATION, CHEMICAL/ THROMBOPENIA,  
chemically induced
6707. Vesell ES: Recent progress in pharmacogenetics.  
Advances Pharmacol Chemother 7:1-52, 1969 (139 ref.)  
ADULT/ ANTIPYRINE, blood/  
BISHYDROXYCOUMARIN, blood/ CYANIDES/  
DIPHENYLHYDANTOIN, blood/  
ERYTHROCYTES, enzymology/ ETHNIC  
GROUPS/ FEMALE/ GLUCOSEPHOSPHATE  
DEHY- DROGENASE DEFICIENCY/  
HEMOGLOBIN/ HUMAN/ ISONIAZID,  
metabolism/ MALE/ MIDDLE AGE/  
MUTATION/ \*PHARMACOGENETICS/  
PHENYLBUTAZONE, blood/  
PHENYLTHIOUREA/ RACIAL STOCKS/  
REVIEW/ TASTE/ TWINS
6708. Vesell ES: Recent progress in pharmacogenetics.  
Advances Pharmacol 7:1-52, 1969 (234 ref.)  
ADULT/ AGED/ ALCOHOL  
OXIDOREDUCTASES, metabolism/  
ANTIPYRINE, metabolism/  
BISHYDROXYCOUMARIN, metabolism/ CHILD,  
PRESCHOOL/ CHOLINESTERASE, metabolism/  
CYANIDES, pharmacodynamics/  
DIPHENYLHYDANTOIN, metabolism/  
DISEASES IN TWINS, metabolism/ DRUG  
HYPERSENSITIVITY/ ERYTHROCYTES,  
enzymology/ FAVISM, metabolism/ FEMALE/  
GLUCOSEPHOSPHATE DEHY- DROGENASE  
DEFICIENCY, familial & genetic/  
HEMOGLOBIN/ HUMAN/ ISONIAZID,  
metabolism/ LIVER, enzymology/ MALE/  
\*METABOLISM, INBORN ERRORS, familial &  
genetic/ MIDDLE AGE/ MONGOLOID RACE/  
\*PHARMACOGENETICS/ PHENYLBUTAZONE,  
metabolism/ PHENYLTHIOUREA,  
pharmacodynamics/ PRIMAQUINE, metabolism/  
REVIEW/ TWINS/ WARFARIN, metabolism
6709. Vetrella M, Barthelmai W, Matsuda H: Gleichzeitige  
Erkrankung an Mongolismus und cystischer  
Pankreasfibrose. Klin Wschr 47:333, 15 Mar 69 (Ger)  
AUTOPSY/ BIRTH WEIGHT/ CASE REPORT/  
\*CYSTIC FIBROSIS, complications/ CYSTIC  
FIBROSIS, pathology/ ENGLISH ABSTRACT/  
HUMAN/ INFANT, NEWBORN, DISEASES/  
KARYOTYPING/ \*MONGOLISM, complications/  
THROMBOPENIA, complications/ \*TRISOMY
6710. Vetrella M, Barthelmai W, Matsuda H: Kongenitale  
amegakaryocytaire Thrombocytopenie mit finaler  
Pancytopenie bei Trisomie 21 mit cystischer  
Pankreasfibrose. Z Kinderheilk 107:210-8, 1969 (Ger)  
ANEMIA, APLASTIC, complications/ \*BONE  
MARROW DISEASES, complications/  
CHROMOSOMES, HUMAN, 21-22/ \*CYSTIC  
FIBROSIS, complications/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ INFANT,  
NEWBORN/ \*MONGOLISM, complications/  
\*THROMBOPENIA, complications/ TRISOMY
6711. Viankin KI: Osobennosti svertyvalushchei sistemy  
krovi u zhenshchin s patologicheskoi krovopoterey v  
rodakh i rannem poslerodovom periode.  
Akush Ginek (Moskva) 45:71-2, Nov 69 (Rus)  
\*BLOOD COAGULATION/ BLOOD  
COAGULATION DISORDERS/ FEMALE/  
\*HEMORRHAGE/ \*HEMORRHAGE,  
POSTPARTUM/ HUMAN/ \*LABOR  
COMPLICATIONS/ PREGNANCY
6712. Vichi F, Bernardini UD, Pini Prato G: Le malattie  
emorragiche nei riflessi della pratica  
odontostomatologica.  
Riv Ital Stomat 24:1253-92, Dec 69 (89 ref.) (Ita)  
ANTICOAGULANTS, adverse effects/ BLOOD  
COAGULATION DISORDERS, complications/  
ENGLISH ABSTRACT/ HEMOPHILIA,  
complications/ \*HEMORRHAGE, ORAL,  
prevention & control/ \*HEMORRHAGIC  
DIATHESIS, complications/ REVIEW
6713. Vičková M: Hemokoagulační činitelé v konservované  
krvi a v plasmě. 1.  
Vnitřní Lek 15:1094-100, Nov 69 (Cze)  
\*BLOOD COAGULATION FACTORS, analysis/  
BLOOD COAGULATION TESTS/ \*BLOOD  
PRESERVATION/ HUMAN/ TIME FACTORS
6714. Vidal J, Cazaï P, Robinet-Levy M, et al: Déficiets en  
alpha1-antitrypsine, groupes PI et  
bronchopneumopathies chroniques.  
Presse Med 78:783-6, 4 Apr 70 (Fre)  
ADOLESCENCE/ ADULT/ AGED/  
ATELECTASIS, etiology/ \*BRONCHITIS,  
familial & genetic/ CHILD/ CHRONIC  
DISEASE/ ELECTROPHORESIS/ ENGLISH  
ABSTRACT/ FEMALE/ HETEROZYGOTE/  
HOMOZYGOTE/ HUMAN/  
IMMUNOELECTROPHORESIS/ MALE/  
\*METABOLISM, INBORN ERRORS,  
complications/ MIDDLE AGE/ PEDIGREE/  
PHENOTYPE/ PULMONARY EMPHYSEMA,  
complications/ \*PULMONARY EMPHYSEMA,  
familial & genetic/ \*TRYPSIN INHIBITORS,  
blood
6715. Videbæk A: Glucocorticoids in haematology.  
Acta Med Scand [Suppl] 500:Suppl 500:35+, 1969 (49  
ref.)  
ADULT/ AGRANULOCYTOSIS, drug therapy/  
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug  
therapy/ ANTIBODIES/ BLOOD CELL  
COUNT/ \*BLOOD CELLS, drug effects/  
CHILD/ GLUCOCORTICOIDs, adverse effects/  
\*GLUCOCORTICOIDs, pharmacodynamics/  
GLUCOCORTICOIDs, therapeutic use/  
\*HEMATOLOGIC DISEASES, drug therapy/  
HEMORRHAGIC DIATHESIS, prevention &  
control/ HUMAN/ LEUKEMIA, drug therapy/  
LEUKOCYTES, drug effects/ LEUKOPENIA,  
chemically induced/ LYMPHOPENIA,  
chemically induced/ PHAGOCYTOSIS, drug  
effects/ PREDNISONE, therapeutic use/  
REVIEW/ THROMBOPENIA, drug therapy/  
TIME FACTORS
6716. Vieweg WV, Piscatelli RL, Houser JJ, et al:  
Complications of intravenous administration of  
heparin in elderly women. JAMA 213:1303-6, 24 Aug 70  
ADULT/ AGED/ BLOOD CIRCULATION/  
CORONARY CARE UNITS/ FEMALE/ HEART  
FAILURE, CONGESTIVE, complications/  
HEMATURIA, chemically induced/  
\*HEMORRHAGE, chemically induced/  
HEMORRHAGE, GASTROINTESTINAL,  
chemically induced/ HEPARIN, administration  
& dosage/ \*HEPARIN, adverse effects/ HIP/  
HUMAN/ INGUINAL CANAL/ INJECTIONS,  
INTRAVENOUS/ MALE/ MIDDLE AGE/  
MYOCARDIAL INFARCT, drug therapy
6717. Vigdahl RL, Marquis NR, Tavormina PA: Platelet  
aggregation. II. Adenyl cyclase, prostaglandin E1, and  
calcium.  
Biochem Biophys Res Commun 37:409-15, 22 Oct 69  
\*ADENINE NUCLEOTIDES/ ADENOSINE  
CYCLIC 3',5'-PHOSPHATE, biosynthesis/  
ADENOSINE TRIPHOSPHATE, metabolism/  
ADENYL CYCLASE, antagonists & inhibitors/  
ADENYL CYCLASE, metabolism/  
AGGLUTINATION, drug effects/ BLOOD  
PLATELETS, drug effects/ BLOOD  
PLATELETS, enzymology/ \*BLOOD  
PLATELETS, metabolism/ \*CALCIUM,  
pharmacodynamics/ CARBON ISOTOPES/  
CELL AGGREGATION, drug effects/  
DEPRESSION, CHEMICAL/ \*ENZYMES,  
metabolism/ HUMAN/ NUCLEOSIDES/  
PROSTAGLANDINS, antagonists & inhibitors/  
\*PROSTAGLANDINS, pharmacodynamics/  
STIMULATION, CHEMICAL/ TIME FACTORS
6718. Vignalou J, Metzger J, Aron-Rosa, et al: Quatre cas  
d'exophtalmie oedémateuse maligne avec troubles de  
la circulation veineuse orbitaire.  
Ann Endocr (Paris) 31:247-57, Mar-Apr 70 (Fre)  
ANTICOAGULANTS, therapeutic use/ \*BLOOD  
CIRCULATION/ EDEMA/ ENGLISH  
ABSTRACT/ EXOPHTHALMOS, drug therapy/  
EXOPHTHALMOS, etiology/  
EXOPHTHALMOS, physiopathology/ FEMALE/



# AUTHOR SECTION

- GLAUCOMA, diagnosis/ HUMAN/  
HYPERTENSION/ MALE/ MIDDLE AGE/  
OCULOMOTOR MUSCLES, physiopathology/  
\*ORBIT, blood supply/ PHLEBOGRAPHY/  
VEINS, physiopathology
6719. Vigneul J: Angio-lipome de la lèvre supérieure.  
Rev Stomat (Paris) 71:206-7, Apr-May 70 (Fre)  
\*HEMANGIOMA, surgery/ HUMAN/ INFANT/  
\*LIP NEOPLASMS, surgery/ \*LIPOMA,  
surgery
6720. Vilasco J, Mazère J, Girardeau M, et al: Un cas  
d'hémangioépithéliome mandibulaire.  
Rev Stomat (Paris) 71:50-4, Jan-Feb 70 (Fre)  
CASE REPORT/ CHILD/  
\*HEMANGIOEPITHELIOMA/ HUMAN/ MALE/  
\*MANDIBULAR NEOPLASMS
6721. Villey R: Thromboses veineuses et tétanos.  
Phlebologie 23:141-5, Apr-Jun 70 (Fre)  
ANTICOAGULANTS/ BARBITURATES,  
therapeutic use/ HEPARIN, adverse effects/  
HUMAN/ POLIOMYELITIS, complications/  
POLYRADICULITIS, complications/  
PULMONARY EMBOLISM, etiology/  
\*TETANUS, complications/ TETANUS, drug  
therapy/ TETANUS, mortality/ TETANUS,  
surgery/ TETANUS, therapy/  
\*THROMBOEMBOLISM, etiology/  
THROMBOEMBOLISM, occurrence/  
THROMBOEMBOLISM, prevention & control/  
\*THROMBOPHLEBITIS, etiology/  
TRACHEOTOMY
6722. Vil'shanskaia FL, Shteinberg GB, Kats IZ, et al:  
Disbakterioz kishechnika u lits, kontaktirulushchikh  
v usloviakh proizvodstva s tetratsiklinom, i lechenie  
ikh kolibakterinom.  
Antibiotiki 14:1043-6, Nov 69 (Rus)  
ADULT/ \*BIOLOGICAL PRODUCTS,  
therapeutic use/ CANDIDA, isolation &  
purification/ \*CHEMICAL INDUSTRY/  
ENGLISH ABSTRACT/ ENVIRONMENTAL  
EXPOSURE/ \*ESCHERICHIA COLI/  
ESCHERICHIA COLI, isolation & purification/  
FECEs, enzymology/ FECEs, microbiology/  
HUMAN/ \*INTESTINAL DISEASES, chemically  
induced/ INTESTINAL DISEASES, enzymology/  
INTESTINAL DISEASES, microbiology/  
INTESTINAL DISEASES, urine/  
LACTOBACILLUS, isolation & purification/  
MIDDLE AGE/ \*OCCUPATIONAL DISEASES,  
chemically induced/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/  
RIBOFLAVIN, urine/ STAPHYLOCOCCUS,  
isolation & purification/ \*TETRACYCLINE,  
adverse effects/ THIAMINE, urine/ \*VITAMIN  
B DEFICIENCY, chemically induced/  
VITAMIN B DEFICIENCY, drug therapy/  
VITAMIN B DEFICIENCY, urine
6723. Vinazzer H: Zur Kinetik der chronischen  
Verbrauchskoagulopathie.  
Wien Z Inn Med 51:49-58, 1970 (Ger)  
ANIMAL EXPERIMENTS/ \*ANTITHROMBIN,  
biosynthesis/ BLOOD COAGULATION  
DISORDERS, complications/ BLOOD  
COAGULATION DISORDERS, etiology/  
\*BLOOD COAGULATION DISORDERS,  
physiopathology/ \*BLOOD COAGULATION  
FACTORS, biosynthesis/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ FACTOR V,  
biosynthesis/ FACTOR VIII, biosynthesis/  
FIBRINOGEN, biosynthesis/ HEMATOMA,  
etiology/ HUMAN/ INFANT/ KINETICS/  
MALE/ RABBITS
6724. Vincent JP, Lazdunski M, Delaage M: On the use of  
tetranitromethane as a nitration reagent. The  
reaction of phenol side-chains in bovine and porcine  
trypsinogens and trypsins.  
Europ J Biochem 12:250-7, Feb 70  
\*ALKANES/ AMIDES/ AMIDINES/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ ENZYME ACTIVATION/  
ENZYME PRECURSORS/ ESTERS/ GEL  
FILTRATION/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/  
MACROMOLECULAR SYSTEMS/
- MURAMIDASE/ POLYMERS/ RIBONUCLEASE/  
SWINE/ \*TRYPSIN/ TRYPSIN INHIBITORS/  
\*TRYPSINOGEN/ \*TYROSINE
6725. Vinograd-Finkel' FR, Burdyga MA, Tal'skaia IN:  
Razrabotka metoda zamorazhivaniia i dlitel'nogo  
khraneniia éritrotsitov s glitserinom v diapazone  
tempatur ot -25 do -60 degree.  
Probl Gemat 14:34-8, Mar 69 (Rus)  
\*BLOOD PRESERVATION/ ENGLISH  
ABSTRACT/ \*ERYTHROCYTES/ \*FREEZING/  
\*GLYCERIN/ METHODS/ TEMPERATURE
6726. Vinograd-Finkel' FR, Kiselev AE: Aktual'nye problemy  
zamorazhivaniia krovi.  
Probl Gemat 15:3-12, Apr 70 (Rus)  
\*BLOOD PRESERVATION/ BLOOD  
TRANSFUSION/ FREEZING/ HUMAN/  
METHODS
6727. Vinogradov NI: Ob izmenenii 3 fraktsii svertyvaniia  
krovi pri revmatizme.  
Vop Revm 8:83-4, Oct-Dec 68 (Rus)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/  
\*RHEUMATIC FEVER, blood/  
\*THROMBOPLASTIN, analysis
6728. Vinogradova MI, Voronenkova IA: K analizu  
élektricheskoi aktivnosti krovenosnykh sosudov.  
Fiziol Zh SSSR Sechenov 55:1092-9, Sep 69 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD FLOW  
VELOCITY/ \*BLOOD VESSELS, physiology/  
BLOOD VISCOSITY/ CATS/  
ELECTROPHYSIOLOGY/ ENGLISH  
ABSTRACT/ FEMORAL VEIN/ \*MUSCLE,  
SMOOTH, physiology/ RATS/ REGIONAL  
BLOOD FLOW
6729. Vinogradova TP: O sosudistom geneze tak  
nazyvaemykh adamantinom (pervichnykh  
épitellal'nykh opukholei) dlennykh trubchatykh  
kosteí Arkh Pat 31:14-24, 1969 (Rus)  
AMELOBLASTOMA, classification/  
\*AMELOBLASTOMA, etiology/  
AMELOBLASTOMA, pathology/  
AMELOBLASTOMA, radiography/  
\*ANGIOSARCOMA, complications/ AUTOPSY/  
BIOPSY/ \*BONE NEOPLASMS, pathology/  
CASE REPORT/ \*CHONDROSARCOMA,  
complications/ ENGLISH ABSTRACT/  
\*HEMANGIOENDOTHELIOMA, complications/  
HUMAN/ LUNG NEOPLASMS/ MALE/  
MIDDLE AGE/ NEOPLASM METASTASIS/  
TIBIA
6730. Visco G: Terapia degli accidenti cerebrali di origine  
vascolare.  
Políclinico [Prat] 76:701-17, 2 Jun 69 (69 ref.) (Ita)  
ARTERIOVENOUS MALFORMATIONS,  
surgery/ AUSCULTATION/ CEREBRAL  
ANGIOGRAPHY/ CEREBRAL HEMORRHAGE,  
therapy/ CEREBRAL ISCHEMIA, TRANSIENT,  
therapy/ CEREBROVASCULAR DISORDERS,  
classification/ CEREBROVASCULAR  
DISORDERS, diagnosis/ CEREBROVASCULAR  
DISORDERS, etiology/ CEREBROVASCULAR  
DISORDERS, mortality/ CEREBROVASCULAR  
DISORDERS, physiopathology/  
CEREBROVASCULAR DISORDERS, surgery/  
\*CEREBROVASCULAR DISORDERS, therapy/  
DIAGNOSIS, DIFFERENTIAL/  
ELECTROENCEPHALOGRAPHY/ ENGLISH  
ABSTRACT/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ PALPATION/  
REVIEW/ THROMBOEMBOLISM, therapy
6731. Vishnevskii AA, Revva-Stusar' ZK: Vliianie  
metil'érgometrina na nekotorye komponenty  
svertyvalushchei i antisyvertvalushchei sistemy krovi  
v posledovom i rannem poslerodovom periode.  
Vop Okhr Materin Dets 15:91, May 70 (Rus)  
\*BLOOD COAGULATION, drug effects/  
FEMALE/ \*HEMORRHAGE, POSTPARTUM,  
prevention & control/ HUMAN/  
\*METHYLERGONOVINE, therapeutic use/  
PLACENTA/ \*PREGNANCY COMPLICATIONS/  
PUERPERIUM
6732. Vishnu, Caplow M: Substrate structure effects on the



# AUTHOR SECTION

pH dependence of deacylation of acyl-chymotrypsins.  
J Amer Chem Soc 91:6754-8, 19 Nov 69  
AMINES/ CHEMISTRY/ \*CHYMOTRYPSIN/  
HISTIDINE/ \*HYDROGEN-ION  
CONCENTRATION

6733. Vissarionova V Ia, Skirko BK, Nasyrova LG, et al:  
Vlianie na organizm zhivotnykh bakterial'nykh  
fermentnykh preparatov, prednaznachennykh dlia  
primeneniia v pishchvoi promyshlennosti.  
Vop Pitani 28:41-6, Sep-Oct 69 (Rus)

AMYLASE, metabolism/ \*AMYLASE, toxicity/  
ANIMAL EXPERIMENTS/ \*BACTERIA,  
enzymology/ BIOTRANSFORMATION/  
CHICKENS/ ENGLISH ABSTRACT/ FOOD  
ADDITIVES, standards/ \*FOOD ADDITIVES,  
toxicity/ FOOD-PROCESSING INDUSTRY,  
standards/ GUINEA PIGS/ HISTOLOGY/  
MICE/ PEPTIDE PEPTIDOHYDROLASES,  
metabolism/ \*PEPTIDE  
PEPTIDOHYDROLASES, toxicity/ RATS/  
SPECIES SPECIFICITY/ TIME FACTORS

6734. Visser J: Het dilemma van de behandeling met  
anticoagulantia bij coronaire hartziekten.

Nederl T Geneesk 114:1221-3, 18 Jul 70 (Dut)  
\*ANTICOAGULANTS, administration & dosage/  
\*CORONARY DISEASE, drug therapy/  
HUMAN/ THROMBOPLASTIN, blood

6735. Viti A, Bocci V, Russi M, et al: The effect of  
neuraminidase on the rabbit urinary interferon.

Experientia 26:363-4, 15 Apr 70  
CERULOPLASMIN/ CHEMISTRY/  
CHOLINESTERASE, blood/  
ELECTROPHORESIS/ ERYTHROPOIETIN/  
FIBRINOGEN/ FSH/ GLYCOPROTEINS/  
GONADOTROPINS, CHORIONIC/  
HAPTOGLOBINS/ \*INTERFERON, urine/  
\*NEURAMINIDASE/ NEWCASTLE DISEASE,  
urine/ \*PROTEINS/ RABBITS/ TRANSFERRIN

6736. Vitsky BH, Suzuki Y, Strauss L, et al: The  
hemolytic-uremic syndrome: a study of renal  
pathologic alterations. Amer J Path 57:627-47, Dec 69

ADULT/ \*ANEMIA, HEMOLYTIC, pathology/  
AUTOPSY/ BIOPSY/ CAPILLARIES,  
pathology/ CHILD/ HUMAN/ HYPERTENSION,  
MALIGNANT, pathology/ \*KIDNEY, pathology/  
KIDNEY CORTEX NECROSIS, pathology/  
KIDNEY GLOMERULUS, blood supply/  
MICROSCOPY/ MICROSCOPY, ELECTRON/  
PURPURA, THROMBOTIC THROMBOPENIC,  
pathology/ \*THROMBOPENIA, pathology/  
\*UREMIA, pathology

6737. Vizirenko LV: O tsitotoksicheskom vlianii mikrobykh  
allergenov na leikotsity krovi bol'nykh  
infektsionno-allergicheskoi rinosinusopatiei.

Zh Ushn Nos Gori Bolez 29:50-4, Jul-Aug 69 (Rus)  
\*ALLERGENS/ CANDIDA/ ENGLISH  
ABSTRACT/ FEMALE/ \*HAY FEVER,  
immunology/ HUMAN/ MALE/  
NEUTROPHILS/ \*SINUSITIS, immunology/  
SKIN TESTS/ STAPHYLOCOCCUS/  
STREPTOCOCCUS/ STREPTOKINASE,  
pharmacodynamics

6738. Vlahovitch B, Frèrebeau P, Ouaknine G, et al: Intérêt  
des angiographies per-opératoires dans les  
malformations vasculaires cérébrales.

Neurochirurgie 15:191-201, May-Jun 69 (Fre)  
\*BRAIN, abnormalities/ \*BRAIN NEOPLASMS,  
surgery/ \*CAROTID ARTERY DISEASES,  
surgery/ \*CEREBRAL ANEURYSM, surgery/  
\*CEREBRAL ANGIOGRAPHY/ ENGLISH  
ABSTRACT/ \*HEMANGIOMA, surgery/  
HUMAN

6739. Vlčková M: Hemokoagulační činitelé v konzervované  
krvi a plazmě. 2. Vnitřní Lek 16:73-81, Jan 70 (Cze)

\*BLOOD COAGULATION FACTORS/ \*BLOOD  
PRESERVATION/ ENGLISH ABSTRACT/  
FACTOR V/ FACTOR VII/ FACTOR VIII/  
FACTOR X/ FIBRINOGEN/ HUMAN/  
PLASMA/ PROTHROMBIN

6740. Vlčková M, Sochman J: Vliv beta-propiolaktonu (BPL)  
na aktivitu faktorů krevního srážení v lidské krevní  
plazmě (pokusy in vitro). 2.

Vnitřní Lek 16:857-61, Sep 70 (Cze)

\*BLOOD COAGULATION, drug effects/  
BLOOD PRESERVATION/ ENGLISH  
ABSTRACT/ HUMAN/ IN VITRO/  
\*LACTONES, pharmacodynamics/ PLASMA/  
PROTHROMBIN TIME

6741. Vlčková M, Zoubková M: Vliv  
citrát-fosfát-glukózových roztoků na stálost  
antihemofilického globulínu (AHG) v krvi a na  
přípravu zmrazených precipitátů AHG.

Vnitřní Lek 16:733-8, Aug 70 (Cze)

\*CITRATES, pharmacodynamics/ ENGLISH  
ABSTRACT/ \*FACTOR VIII, analysis/  
FREEZING/ \*GLUCOSE, pharmacodynamics/  
HUMAN/ \*PHOSPHATES, pharmacodynamics/  
PRECIPITATION/ SOLUTIONS

6742. Vocac JA, Alphin RS: Antiulcerogenic and pepsin  
inhibitor properties of lignosulfonates.

Arch Int Pharmacodyn 177:150-8, Jan 69  
ANIMAL EXPERIMENTS/ \*BENZENE  
DERIVATIVES, pharmacodynamics/ \*BLOOD  
COAGULATION, drug effects/ FEMALE/  
GASTRIC JUICE, analysis/ HYDROGEN-ION  
CONCENTRATION/ \*PEPSIN, antagonists &  
inhibitors/ \*PEPTIC ULCER, prevention &  
control/ RATS

6743. Vodnava RE: Klinika i lechenie psevdopapillita.  
Oftal Zh 24:290-3, 1969 (Rus)

\*ANTICOAGULANTS, therapeutic use/  
ENGLISH ABSTRACT/ FEMALE/ HUMAN/  
MALE/ MIDDLE AGE/ \*OPTIC NERVE, blood  
supply/ \*OPTIC NEURITIS, drug therapy/  
\*PARASYMPATHOLYTICS, therapeutic use

6744. Voelkel H: Indikation, Technik und Ergebnisse der  
Operation nach Noble bei schwerem Adhäsionsileus.

Bruns Beitr Klin Chir 218:44-8, Feb 70 (Ger)  
\*ADHESIONS, complications/ ADOLESCENCE/  
ADULT/ CHILD/ CHILD, PRESCHOOL/  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
HUMAN/ INFANT/ INTESTINAL  
OBSTRUCTION, etiology/ \*INTESTINAL  
OBSTRUCTION, surgery/ INTESTINE, SMALL,  
radiography/ METHODS/ MIDDLE AGE/  
\*POSTOPERATIVE COMPLICATIONS, surgery

6745. Vogel G, Klöcking HP: Klinische Untersuchungen mit  
Derivaten der p-Aminomethylbenzoesäure.

Folia Haemat (Leipzig) 92:93-8, 1969 (Ger)  
ADOLESCENCE/ ADULT/ AGED/  
ANTIFIBRINOLYTIC AGENTS,  
therapeutic use/ BENZOATES,  
pharmacodynamics/ \*BENZOATES, therapeutic  
use/ BLOOD COAGULATION TESTS/  
CHEMISTRY/ FEMALE/ HUMAN/ MALE/  
MIDDLE AGE

6746. Vogel G, Krusch G: Untersuchungen über den Einfluss  
einiger klinisch gebräuchlicher Medikamente auf  
thrombozytäre Funktionen.

Folia Haemat (Leipzig) 92:518-23, 1969 (Ger)  
ADOLESCENCE/ ADULT/ AGED/  
AMINO BENZOIC ACID, therapeutic use/  
AMINOCAPROIC ACID, therapeutic use/  
ARTHRITIS, RHEUMATOID, drug therapy/  
ASPIRIN, therapeutic use/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELETS,  
drug effects/ DIGITOXIN, therapeutic use/  
DIPYRIDAMOLE, therapeutic use/ FEMALE/  
HEADACHE, drug therapy/ HEMORRHAGE,  
GASTROINTESTINAL, drug therapy/ HUMAN/  
MALE/ MIDDLE AGE/ PAPAVERINE,  
therapeutic use/ PHENYL BUTAZONE,  
therapeutic use/ PLATELET ADHESIVENESS,  
drug effects/ SPINAL OSTEOPHYTOSIS, drug  
therapy/ STREPTOKINASE, therapeutic use/  
STROPHANTHIN, therapeutic use/  
THROMBELASTOGRAPHY

6747. Vogel G, Marek ML, Oertner R: Untersuchungen zum  
Mechanismus der therapeutischen und toxischen  
Wirkung des Rosskastanien-Saponins Aescin.

Arzneimittelforschung 20:699-703, May 70 (Ger)  
\*AESCULUS, therapeutic use/ \*AESCULUS,  
toxicity/ ANIMAL EXPERIMENTS/  
\*ARTHRITIS, drug therapy/ ARTHUS  
PHENOMENON, prevention & control/



# AUTHOR SECTION

- BRADYKININ, antagonists & inhibitors/  
CAPILLARY PERMEABILITY, drug effects/  
CARRAGEENAN, antagonists & inhibitors/  
COMPOUND 48-80, antagonists & inhibitors/  
DEPRESSION, CHEMICAL/ DEXTRAN,  
antagonists & inhibitors/ DISEASE MODELS,  
ANIMAL/ DOGS/ EDEMA, chemically induced/  
\*EDEMA, prevention & control/ ENGLISH  
ABSTRACT/ \*EXUDATES AND  
TRANSUDATES, drug effects/ FEMALE/  
FORMALDEHYDE/ GRANULOMA, drug  
therapy/ GUINEA PIGS/ HISTAMINE/  
HYALURONIDASE, antagonists & inhibitors/  
KAOLIN/ LYMPH, drug effects/ MALE/  
MICE/ MYCOBACTERIUM INFECTIONS, drug  
therapy/ OVALBUMIN, antagonists &  
inhibitors/ RABBITS/ RATS/ SEROTONIN/  
SPECIES SPECIFICITY/ SWINE
6748. Vogel WC, Bierman EL: Correlation between  
post-heparin lipase and phospholipase activities in  
human plasma. *Lipids* 5:385-91, Apr 70  
ALCOHOLS/ CHROMATOGRAPHY, ION  
EXCHANGE/ ELECTROPHORESIS/ GEL  
FILTRATION/ \*HEPARIN, pharmacodynamics/  
HUMAN/ INJECTIONS, INTRAVENOUS/  
\*LIPASE, blood/ METABOLISM, drug effects/  
\*PHOSPHOLIPASE, blood/ TRIGLYCERIDES,  
metabolism/ ULTRACENTRIFUGATION
6749. Vogelsang H: Zur angiographischen Diagnostik  
kavernöser Hämangiome der Kopfhaut.  
*Fortschr Roentgenstr* 110:683-7, May 69 (Ger)  
ADOLESCENCE/ ADULT/ \*ANGIOGRAPHY/  
CHILD/ CHILD, PRESCHOOL/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMANGIOMA,  
CAVERNOUS, radiography/ HUMAN/ INFANT/  
MALE/ METHODS/ \*SCALP, radiography
6750. Vogl A: On clinical medicine with notes from the diary  
of a part-time researcher.  
*Bull NY Acad Med* 46:39-60, Jan 70  
ACHONDROPLASIA/ ADOLESCENCE/  
CHEYNE-STOKES RESPIRATION/ DIURETICS,  
MERCURIAL, history/ FEMALE/ HISTORICAL  
ARTICLE/ HUMAN/ HYPERBILIRUBINEMIA,  
diagnosis/ HYPNOTICS AND SEDATIVES,  
adverse effects/ MALE/ MIDDLE AGE/  
\*PHILOSOPHY, MEDICAL/ PURPURA,  
THROMBOPENIC, chemically induced/  
\*RESEARCH, history/ RESPIRATION/  
TRICHLOROACETIC ACID, diagnostic use
6751. Vojta M: Použití antifibrinolytik v porodnictví.  
*Cesk Gynek* 35:384-6, Jul 70 (Cze)  
AMINOCAPROIC ACID, therapeutic use/  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic  
use/ \*BLOOD COAGULATION DISORDERS,  
drug therapy/ FEMALE/ HUMAN/  
KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ OBSTETRICS/ PREGNANCY/  
\*UTERINE HEMORRHAGE, drug therapy
6752. Volini M, Tobias P: Circular dichroism studies of  
chymotrypsin and its derivatives. Correlation of  
changes in dichroic bands with deacylation.  
*J Biol Chem* 244:5105-9, 10 Oct 69  
BINDING SITES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CYSTINE/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ SPECTRUM ANALYSIS/  
ULTRACENTRIFUGATION
6753. Volkova IN, Kochnev OS: Opyt modelirovaniia i terapii  
pankreaticheskikh kollapsov.  
*Pat Fiziol Eksp Ter* 13:30-3, Jul-Aug 69 (Rus)  
AMINOCAPROIC ACID, therapeutic use/  
ANIMAL EXPERIMENTS/ BILE/  
DIPHENHYDRAMINE, therapeutic use/  
\*DISEASE MODELS, ANIMAL/ DOGS/  
ENGLISH ABSTRACT/ HEPATIC DUCT/  
HYDROCORTISONE, therapeutic use/  
\*HYPOTENSION/ HYPOTENSION, drug  
therapy/ HYPOTENSION, etiology/  
NOREPINEPHRINE, therapeutic use/  
\*PANCREATIC DISEASES/ PANCREATIC  
DUCTS/ \*PANCREATITIS/ PRESSURE/  
TRYPSIN
6754. Vollmar J: Venenfehlbildungen und extravasale  
Abflusshindernisse.  
*Langenbecks Arch Chir* 325:862-9, 1969 (Ger)  
ANGIOMATOSIS, surgery/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ \*VASCULAR DISEASES,  
congenital/ VASCULAR DISEASES, surgery/  
\*VENA CAVA, INFERIOR, abnormalities/  
VENA CAVA, INFERIOR, surgery
6755. Volobuev NN, Nazarevskii NG, Sidorenko VD:  
Transumbilikal'noe vvedenie trasilola v  
kompleksnom lechenii ostrykh destruktivnykh  
pankreatitov. *Sovet Med* 31:30-3, Dec 68 (Rus)  
ACUTE DISEASE/ ADULT/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS,  
INTRAVENOUS/ KALLIKREIN-TRYPSIN  
INACTIVATOR, administration & dosage/  
\*KALLIKREIN-TRYPSIN INACTIVATOR,  
therapeutic use/ \*PANCREATITIS, drug  
therapy/ UMBILICAL VEINS
6756. Volodin VM, Ojvin VI, Tokarev OIu, et al: Rol'  
éndotoksinov v patogeneze gemorragicheskogo  
sindroma pri ostroi luchevoi bolezni.  
*Med Radiol (Moskva)* 14:29-35, Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ BACTERIA,  
pathogenicity/ \*ENDOTOXINS, toxicity/  
ENGLISH ABSTRACT/ ESCHERICHIA COLI  
INFECTIONS/ GUINEA PIGS/  
\*HEMORRHAGIC DIATHESIS, etiology/  
RABBITS/ \*RADIATION INJURY,  
EXPERIMENTAL, pathology
6757. Volodin VM, Ojvin VJ, Gumenjuk LI, et al: Über die  
Möglichkeit der Beteiligung des  
Sanarelli-Schwartzman-Phänomens an der  
Pathogenese des hämorrhagischen Syndroms bei der  
Strahlenkrankheit.  
*Radiobiol Radiother (Berlin)* 10:663-71, 1969 (Ger)  
AMINOCAPROIC ACID, pharmacodynamics/  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS,  
pharmacodynamics/ BLOOD CELL COUNT/  
BLOOD COAGULATION TESTS/ BLOOD  
SEDIMENTATION/ COBALT ISOTOPES/  
ENGLISH ABSTRACT/ FEMALE/  
FIBRINOGEN, blood/ \*HEMORRHAGIC  
DIATHESIS, etiology/ INJECTIONS,  
INTRAVENOUS/ KIDNEY, pathology/ MALE/  
MELENA, diagnosis/ RABBITS/ RADIATION  
INJURY, EXPERIMENTAL, blood/  
\*RADIATION INJURY, EXPERIMENTAL,  
complications/ RADIATION INJURY,  
EXPERIMENTAL, pathology/ \*SHWARTZMAN  
PHENOMENON, complications/ VASCULAR  
RESISTANCE
6758. Volpato S, Vigi V, Gaburro D: Thrombocytopenic  
purpura as the only manifestation of rubella.  
*Lancet* 2:1249, 6 Dec 69  
ANTIBODIES, analysis/ CHILD/ CHILD,  
PRESCHOOL/ COMPLEMENT FIXATION  
TESTS/ HEMAGGLUTINATION INHIBITION  
TESTS/ HUMAN/ \*PURPURA,  
THROMBOPENIC, etiology/ \*RUBELLA,  
complications/ RUBELLA, immunology
6759. Volynskii ZM, Gogin EE, Iakovlev GM: Ob odnom  
malolzučennom mekhanizme krvotochenii.  
*Klin Med (Moskva)* 47:44-8, Feb 69 (Rus)  
ADOLESCENCE/ ADULT/ BLOOD  
COAGULATION/ CASE REPORT/ ENGLISH  
ABSTRACT/ FEMALE/ \*HEMORRHAGE/  
HUMAN/ HYPNOSIS/  
THROMBELASTOGRAPHY/ \*VASOMOTOR  
SYSTEM, physiology
6760. Vonka V, Tuková E, Janda Z, et al: Genetic  
recombination between plaque-purified mutants of  
influenza A-NWS and A-2-Singapore viruses.  
*Arch Ges Virusforsch* 29:361-9, 1970  
AMANTADINE, pharmacodynamics/ BODY  
FLUIDS, immunology/ CELL LINE/ CHICK  
EMBRYO/ DRUG RESISTANCE, MICROBIAL/  
ERYTHROCYTES, immunology/ FETAL  
MEMBRANES/ FIBROBLASTS/ GENETICS,  
MICROBIAL/ HAMSTERS/ HEAT/  
HEMAGGLUTINATION INHIBITION TESTS/  
HEMAGGLUTININS, VIRAL/ HUMAN/  
IMMUNE SERUMS/ INFLUENZA VIRUSES,  
drug effects/ INFLUENZA VIRUSES, growth



## AUTHOR SECTION

- & development/ INFLUENZA VIRUSES, immunology/ INFLUENZA VIRUSES, pathogenicity/ KIDNEY/ MONKEYS/ \*MUTATION/ RABBITS/ \*RECOMBINATION, GENETIC/ TRYPSIN
6761. Von Knorring J: Analysis of myocardial mucopolysaccharides in hyper- and hypothyroid rats and guinea-pigs. *Ann Med Exp Biol Fenn* 48:8-15, 1970  
ANIMAL EXPERIMENTS/ AORTA, analysis/ CHONDROITIN, analysis/ CHONDROITIN, biosynthesis/ ELECTROPHORESIS/ GUINEA PIGS/ HEART FAILURE, CONGESTIVE, etiology/ HEPARIN, analysis/ HEXOSAMINES, analysis/ HYALURONIC ACID, analysis/ \*HYPERTHYROIDISM/ \*HYPOTHYROIDISM/ \*MUCOPOLYSACCHARIDES, analysis/ \*MYOCARDIUM, analysis/ MYXEDEMA, complications/ PERICARDIAL EFFUSION, etiology/ RATS/ STIMULATION, CHEMICAL/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ URONIC ACIDS, analysis
6762. Von Leden H, Kolke Y: Detection of laryngeal disease by computer technique.  
*Arch Otolaryng* (Chicago) 91:3-10, Jan 70  
APHONIA, diagnosis/ CARCINOMA, diagnosis/ \*COMPUTERS, DIGITAL/ CYSTS, diagnosis/ DIAGNOSIS, COMPUTER ASSISTED/ EDEMA, diagnosis/ GRANULOMA, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ \*LARYNGEAL DISEASES, diagnosis/ \*LARYNGEAL NEOPLASMS, diagnosis/ LARYNGITIS, diagnosis/ PHYSICAL EXAMINATION/ VOCAL CORD PARALYSIS, diagnosis/ VOCAL CORDS/ VOICE
6763. Vonograd-Finkel' FR, Raevskii VS, Oldurova SV, et al: Izuchenie morfologii i nekotorykh biokhimicheskikh pokazatelei konservirovannoi po raznym retseptam donorskoj krovi v usloviakh tsirkulatsii ee v apparate iskusstvennogo krovoobrascheniya.  
*Probl Gemat* 13:59-61, Sep 68 (Rus)  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD DONORS/ BLOOD PLATELETS/ \*BLOOD PRESERVATION/ \*CALCIUM, blood/ DOGS/ ENGLISH ABSTRACT/ \*ERYTHROCYTE COUNT/ \*EXTRACORPOREAL CIRCULATION/ \*HEMOLYSIS/ \*PHARMACEUTIC AIDS
6764. Voogd J: Een merkwaardig verloop van de zwangerschap in een geval van hematoommola.  
*Nederl T Geneesk* 114:243-6, 7 Feb 70 (Dut)  
ADULT/ ENGLISH ABSTRACT/ FEMALE/ \*HEMATOMA, complications/ HUMAN/ \*HYDATIDIFORM MOLE, complications/ PREGNANCY/ \*PREGNANCY COMPLICATIONS
6765. Voorhoeve HW: Two Nigerian children with the Klippel-Trenaunay syndrome.  
*Trop Geogr Med* 21:305-10, Sep 69  
ANGIOMATOSIS, complications/ \*ANGIOMATOSIS, congenital/ FEMALE/ GIGANTISM, complications/ GIGANTISM, radiography/ HUMAN/ INFANT/ NEVUS, PIGMENTED, complications/ \*NEVUS, PIGMENTED, congenital/ NIGERIA/ SKIN NEOPLASMS, complications/ \*SKIN NEOPLASMS, congenital/ VARICOSE VEINS, complications/ \*VARICOSE VEINS, congenital
6766. Vorster CF: Gibt es Gegenindikationen zur intraperitonealen Anwendung von Trasylol.  
*Langenbecks Arch Chir* 325:333-6, 1969 (Ger)  
\*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ APPENDECTOMY/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ \*KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LAPAROTOMY/ MICE/ PERITONEUM, drug effects/ PERITONITIS, surgery/ \*POSTOPERATIVE COMPLICATIONS, prevention & control
6767. Vos GH, Petz L, Fudenberg HH: Specificity of acquired haemolytic anaemia autoantibodies and their serological characteristics.  
*Brit J Haemat* 19:57-66, Jul 70  
\*ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ \*AUTOANTIBODIES/ COMPLEMENT/ COMPLEMENT FIXATION TESTS/ COOMBS' TEST/ ERYTHROCYTES, immunology/ GAMMA GLOBULIN, 7S/ HUMAN/ IMMUNE SERUMS/ ISOANTIBODIES/ PEPTIDE HYDROLASES/ RH FACTORS
6768. Votěal BE, Zmurkin VP, Rogunov GA, et al: Die "extracoronare" Wirkung von Carbochromen auf den Kreislauf.  
*Arzneimittelforschung* 20:442-6, Mar 70 (Ger)  
ADOLESCENCE/ AGED/ \*BLOOD CIRCULATION, drug effects/ \*BLOOD PRESSURE, drug effects/ CAROTID ARTERIES, drug effects/ \*CEREBROVASCULAR CIRCULATION, drug effects/ CORONARY DISEASE, drug therapy/ CORONARY VESSELS, drug effects/ DEPRESSION, CHEMICAL/ EXTREMITIES, blood supply/ FEMALE/ \*FIBRINOLYSIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ PLETHYSMOGRAPHY/ \*REGIONAL BLOOD FLOW, drug effects/ RHEUMATIC HEART DISEASE, drug therapy/ STIMULATION, CHEMICAL/ \*VASCULAR RESISTANCE, drug effects/ VASODILATOR AGENTS, adverse effects/ \*VASODILATOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, therapeutic use
6769. Voudouris CP, Roche GD: Thrombocytopenic purpura and carcinoma of the stomach in old age.  
*Geriatrics* 24:73-7, Dec 69  
AGE FACTORS/ AGED/ \*BONE MARROW DISEASES, diagnosis/ \*BONE NEOPLASMS, diagnosis/ \*CARCINOMA, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ NEOPLASM METASTASIS/ \*PURPURA, diagnosis/ \*STOMACH NEOPLASMS, complications/ THROMBOPENIA, diagnosis
6770. Vowels M, Hughes DO, Beveridge J: Renal artery stenosis with hypertension in Fanconi's cytopenia.  
*Med J Aust* 1:173-7, 24 Jan 70  
\*ABNORMALITIES, MULTIPLE, familial & genetic/ \*ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, familial & genetic/ CHILD/ \*FANCONI SYNDROME, complications/ HUMAN/ \*HYPERTENSION, RENAL, etiology/ MALE/ \*RENAL ARTERY OBSTRUCTION, etiology/ RENAL ARTERY OBSTRUCTION, occurrence/ RENAL ARTERY OBSTRUCTION, surgery/ THROMBOPENIA, familial & genetic
6771. Voznyi EK: Izmeneniya v krovotvornoj sisteme pri lechenii 5-ftorcuratsilom.  
*Vop Onkol* 16:64-7, Apr 70 (Rus)  
ENGLISH ABSTRACT/ \*FLUOROURACIL, adverse effects/ HUMAN/ \*LEUKOPENIA, chemically induced/ \*NEOPLASMS, drug therapy/ \*THROMBOPENIA, chemically induced
6772. Vrabec F: Histologické změny v rohovce králíka po intrakorneální injekci protaminsulfátu.  
*Cesk Oftal* 26:1-4, Jan 70 (Cze)  
ANIMAL EXPERIMENTS/ \*CORNEA, drug effects/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ INJECTIONS/ MUCOPOLYSACCHARIDES/ \*PROTAMINES, pharmacodynamics/ RABBITS/ STAINS AND STAINING
6773. Vries SI de: Diagnostiek en therapie van verschillende vormen van trombopathie.  
*Nederl T Geneesk* 114:154-64, 24 Jan 70 (99 ref.) (Dut)  
ADENINE NUCLEOTIDES/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS, chemically induced/



# AUTHOR SECTION

- \*BLOOD PLATELET DISORDERS, diagnosis/  
BLOOD PLATELET DISORDERS, etiology/  
BLOOD PLATELET DISORDERS, familial &  
genetic/ BLOOD PLATELET DISORDERS,  
therapy/ BLOOD PLATELETS/ BLOOD  
PLATELETS, enzymology/ CELL  
AGGREGATION/ CRYOGLOBULINS,  
therapeutic use/ FACTOR VIII, therapeutic  
use/ HUMAN/ PLASMA SUBSTITUTES,  
therapeutic use/ PLATELET ADHESIVENESS/  
REVIEW/ THROMBOPENIA, therapy/ TIME  
FACTORS/ VON WILLEBRAND'S DISEASE,  
therapy
6774. Vrind HM, Becker AE: Multiple malignant (haem)  
angioendotheliomas of the stomach and small  
intestine. Arch Chir Neerl 22:15-23, 1970  
CASE REPORT/ \*DUODENAL NEOPLASMS,  
surgery/ DUODENUM, surgery/  
\*HEMANGIOENDOTHELIOMA/  
HEMANGIOENDOTHELIOMA, pathology/  
HEMANGIOENDOTHELIOMA, surgery/  
HEMORRHAGE, GASTROINTESTINAL,  
etiology/ HUMAN/ INTESTINAL  
OBSTRUCTION, etiology/ MALE/ MIDDLE  
AGE/ POSTOPERATIVE COMPLICATIONS/  
\*STOMACH NEOPLASMS, surgery
6775. Vroman L, Adams AL: Effect of heparin on reactions at  
aminated polymer-blood interfaces.  
J Colloid Interface Sci 31:188-95, Oct 69  
ADSORPTION/ AMMONIUM COMPOUNDS,  
metabolism/ \*BLOOD COAGULATION, drug  
effects/ \*BLOOD PLATELETS, drug effects/  
BLOOD PLATELETS, metabolism/ BLOOD  
PROTEINS, metabolism/ CALCIUM/  
CYTOCHROMES, metabolism/ FACTOR XII,  
metabolism/ FIBRINOGEN, metabolism/  
GAMMA GLOBULIN, 7S, metabolism/ GLASS/  
GOATS/ HEPARIN, metabolism/ \*HEPARIN,  
pharmacodynamics/ HUMAN/ IMMUNE  
SERUMS, pharmacodynamics/ PLATELET  
ADHESIVENESS/ POLYMERS, metabolism/  
RABBITS/ SERUM ALBUMIN, metabolism/  
\*SURFACE PROPERTIES
6776. Vroman L, Adams AL: Identification of absorbed  
protein films by exposure to antisera and water vapor.  
J Biomed Mat Res 3:669-71, Dec 69  
\*BLOOD PROTEINS/ FIBRINOGEN/ GAMMA  
GLOBULIN/ HUMAN/ \*IMMUNE SERUMS/  
SERUM ALBUMIN/ SURFACE PROPERTIES/  
\*WATER
6777. Vuia O, Pascu F: Angiomatoză meningo-cerebrală la  
nou-născut. Stud Cercet Neurol 15:69-75, 1970 (Rum)  
\*ANGIOMATOSIS, familial & genetic/ BRAIN,  
abnormalities/ \*BRAIN DISEASES, congenital/  
\*CEREBRAL HEMORRHAGE, etiology/  
ENGLISH ABSTRACT/ HUMAN/ INFANT,  
NEWBORN/ \*INFANT, NEWBORN, DISEASES/  
SPINA BIFIDA, complications/  
\*TELANGIECTASIA, HEREDITARY  
HEMORRHAGIC
6778. Vujadinović B, Anojić S, Dimitrijević A, et al: Dva  
slučaja gangrene creva zbog venske tromboze uspešno  
lečena streptom.  
Srpski Arh Celok Lek 97:365-8, May 69 (Ser)  
CHILD/ \*FIBRINOLYTIC AGENTS, therapeutic  
use/ \*GANGRENE, drug therapy/ GANGRENE,  
etiology/ HUMAN/ \*INTESTINAL DISEASES,  
drug therapy/ INTESTINAL DISEASES,  
etiology/ MALE/ MIDDLE AGE/  
\*THROMBOPHLEBITIS, complications
6779. Vulpis G, Bank A: Peptide analysis of mouse embryonic  
globin chains.  
Biochim Biophys Acta 207:390-4, 23 Jun 70  
ANIMAL EXPERIMENTS/ \*BLOOD PROTEINS,  
analysis/ CARBON ISOTOPES/  
CHROMATOGRAPHY, ION EXCHANGE/  
EMBRYO/ \*FETAL GLOBULINS, analysis/  
GLOBINS, analysis/ LEUCINE/ MICE/  
\*PEPTIDES, analysis/ TRITIUM/ TRYPSIN
6780. Vygovskaia IaI: Vlianie gemolizirovannykh  
éritrotsitov na svertyvalushchuiu sistemu krovi.  
Probl Gemat 12:26-9, Sep 67 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD
- COAGULATION/ BLOOD COAGULATION  
TESTS/ \*BLOOD TRANSFUSION/ DOGS/  
ENGLISH ABSTRACT/ \*ERYTHROCYTES/  
\*HEMOLYSIS/ RABBITS
6781. Vyshevskii ASH, Gnedkov PA, Kaptiukh RF, et al:  
Vlianie bioseda na uroven' nekotorykh faktorov  
svertyvaniia krovi. Vrach Delo 9:132, Sep 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION, drug effects/ \*BLOOD  
COAGULATION FACTORS, analysis/ PLANT  
EXTRACTS/ \*PLANTS, MEDICINAL/ RATS
- W
6782. Wada J, Iwa T: Two-stage treatment of ventricular  
septal defect with pulmonary hypertension.  
Ann Thorac Surg 8:415-24, Nov 69  
ADOLESCENCE/ ADULT/ CHILD/ CHILD,  
PRESCHOOL/ FEMALE/ FLUOROCARBON  
POLYMERS/ HEART SEPTAL DEFECTS,  
VENTRICULAR, complications/ \*HEART  
SEPTAL DEFECTS, VENTRICULAR, surgery/  
HEMOSTASIS/ HUMAN/ HYPERTENSION,  
PULMONARY, etiology/ \*HYPERTENSION,  
PULMONARY, surgery/ INFANT/ MALE/  
METHODS/ PROSTHESIS/ \*PULMONARY  
ARTERY, surgery/ RESPIRATION,  
ARTIFICIAL/ TRACHEOTOMY
6783. Wada K, Okunuki K: Studies on chemically modified  
cytochrome c. II. The trinitrophenylated cytochrome  
c. J Biochem (Tokyo) 66:249-62, Aug 69  
AMINO ACID SEQUENCE/ AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/  
BIOCHEMISTRY/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CYTOCHROME OXIDASE, metabolism/  
\*CYTOCHROMES/ ELECTROPHORESIS/  
FERRICYANIDES/ FERROCYANIDES/  
HYDROGEN-ION CONCENTRATION/ LYSINE/  
MYOCARDIUM/ \*NITROBENZENES/  
OXIDATION-REDUCTION/ PEPTIDES/ SALTS/  
SPECTROPHOTOMETRY/ SULFONIC ACIDS/  
TIME FACTORS/ TRYPSIN
6784. Wada M, Wada K, Sakaguchi R, et al: Arterial and  
mixed-venous differentials of free fatty acid-free  
fatty acid production in pulmonary circulation.  
Jap Circ J 34:1-6, Jan 70  
ADOLESCENCE/ ADULT/ AGED/ ARTERIES/  
DIETARY FATS/ FATS, UNSATURATED/  
\*FATTY ACIDS, NONESTERIFIED,  
metabolism/ HEART CATHETERIZATION/  
\*HEPARIN, metabolism/ HUMAN/  
INJECTIONS, INTRAVENOUS/  
LIPOPROTEINS/ \*LUNG, metabolism/ MIDDLE  
AGE/ \*PULMONARY CIRCULATION/ VEINS
6785. Waechter R von, Meyer-Burg J, Neubauer FW: Zur  
Problematik der akuten Erythroblastose des  
Erwachsenen (Morbus Di Guglielmo)  
Deutsch Med Wschr 94:2421-4 passim, 21 Nov 69 (Ger)  
AGED/ BLOOD PLATELETS/ BONE MARROW  
EXAMINATION/ DIAGNOSIS, DIFFERENTIAL/  
\*ERYTHREMIC MYELOSIS, blood/  
ERYTHREMIC MYELOSIS, etiology/  
ERYTHROPOIESIS/ HEMATOCRIT/  
HEMOGLOBINOMETRY/ HUMAN/  
LEUKOCYTE COUNT/ MALE/ MITOSIS/  
MYELOGRAPHY/ VITAMIN B 12, blood
6786. Wagler M: Fibrinolytika. 46.  
Pharm Prax 6:141-2, 1970 (25 ref.) (Ger)  
BISHYDROXYCOUMARIN, therapeutic use/  
COUMARINS, therapeutic use/ \*EMBOLISM/  
FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/  
\*FIBRINOLYTIC AGENTS, therapeutic use/  
HEPARIN, therapeutic use/ HEPARINOID,  
therapeutic use/ HUMAN/ MYOCARDIAL  
INFARCT, drug therapy/ PULMONARY  
EMBOLISM, drug therapy/ REVIEW/  
STREPTODORNASE AND STREPTOKINASE,  
therapeutic use/ STREPTOKINASE,  
administration & dosage/ STREPTOKINASE,  
adverse effects/ STREPTOKINASE,  
pharmacodynamics/ \*STREPTOKINASE,  
therapeutic use/ THROMBOPHLEBITIS, drug  
therapy/ \*THROMBOSIS, drug therapy



# AUTHOR SECTION

6787. **Wagner BM:** Significance of Aleutian disease of mink in comparative pathology.  
Advances Vet Sci 13:219-45, 1969 (30 ref.)  
ANIMAL EXPERIMENTS/ ARTHRITIS, RHEUMATOID, pathology/ BLOOD PROTEIN DISORDERS, pathology/ \*BLOOD PROTEIN DISORDERS, veterinary/ COLLAGEN DISEASES, pathology/ CONNECTIVE TISSUE/ DERMATOMYOSITIS, pathology/ GAMMA GLOBULIN/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ \*MINK/ PERIARTERITIS NODOSA, pathology/ PURPURA, THROMBOTIC THROMBOCYTOPENIC, pathology/ REVIEW/ RHEUMATIC FEVER, pathology/ SCLEROSIS, pathology/ VIRUS DISEASES, pathology/ \*VIRUS DISEASES, veterinary
6788. **Wagner J, Schlemmer W, Hoffmann H:** Über Inhaltsstoffe des Rosskastaniensamens. IX. Struktur und Eigenschaften der Triterpenglykoside.  
Arzneimittelforschung 20:205-9, Feb 70 (43 ref.) (Ger)  
ACETIC ACIDS, analysis/ \*AESULUS, analysis/ BUTYRATES, analysis/ CHEMISTRY, ANALYTICAL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ DRUG STABILITY/ ENGLISH ABSTRACT/ ESTERS, analysis/ FATTY ACIDS, ESSENTIAL, analysis/ \*GLYCOSIDES, analysis/ REVIEW/ \*SAPONINS, analysis/ \*SEEDS, analysis/ SOLUBILITY/ \*TERPENES, analysis/ WATER
6789. **Wagner TE:** A trypsin sensitive site for the action of hydrocortisone on calf thymus nuclei.  
Biochem Biophys Res Commun 38:890-3, 12 Mar 70  
ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ \*CELL NUCLEUS, drug effects/ HISTONES/ \*HYDROCORTISONE, pharmacodynamics/ IN VITRO/ SOY BEANS/ SPECTRUM ANALYSIS/ \*THYMUS GLAND/ \*TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS/ ULTRAVIOLET RAYS
6790. **Wagner-Jauregg T, Bürlimann W, Fischer J:** Vergleich antiplogistischer Substanzen im Plasmaeiweiß-Trübungstest nach Mizushima.  
Arzneimittelforschung 19:1532-6, Sep 69 (Ger)  
ALPHA GLOBULIN/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ \*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ \*BLOOD PROTEINS/ COMPARATIVE STUDY/ DENSITOMETRY/ ENGLISH ABSTRACT/ FLUFENAMIC ACID, pharmacodynamics/ GAMMA GLOBULIN/ GEL FILTRATION/ HEAT/ MEFENAMIC ACID, pharmacodynamics/ METHODS/ PHENYLBUTAZONE, pharmacodynamics/ \*PROTEIN BINDING/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE
6791. **Wählby S:** Studies on streptomyces griseus protease. IV. Formation of 14c-acetyl enzyme of two DFP-sensitive components during reaction with p-nitrophenyl [1-14c] acetate.  
Acta Chem Scand 24:703-4, 1970  
CARBON ISOTOPES/ CHEMISTRY/ GEL FILTRATION/ KINETICS/ \*PEPTIDE HYDROLASES/ \*PHENYLACETATES/ PHOSPHORUS ISOTOPES/ STREPTOMYCES, enzymology
6792. **Waltzman MB:** Possible new concepts relating prostaglandins to various ocular functions.  
Survey Ophthalmol 14:301-26, Jan 70 (162 ref.)  
ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BLEPHAROPTOSIS, chemically induced/ BLOOD COAGULATION, drug effects/ CAPILLARY PERMEABILITY/ CATECHOLAMINES, pharmacodynamics/ DIABETIC RETINOPATHY, metabolism/ \*EYE, physiology/ HUMAN/ HYPERGLYCEMIA, metabolism/ INSULIN, metabolism/ INTRAOCULAR PRESSURE, drug effects/ IRIS, analysis/ IRIS, drug effects/ IRIS, innervation/ LIPIDS, metabolism/ \*PROSTAGLANDINS/ PROSTAGLANDINS, analysis/ PROSTAGLANDINS, antagonists & inhibitors/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, physiology/ REVIEW/ SYMPATHECTOMY
6793. **Wakabayashi A, Dietrick W, Connolly JE:** Closed-chest left heart bypass without anticoagulation.  
J Thorac Cardiovasc Surg 58:811-5, Dec 69  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ DOGS/ \*EXTRACORPOREAL CIRCULATION/ HEPARIN, adverse effects/ PLASTICS/ POLYVINYLS/ SILICONES/ \*THROMBOSIS, prevention & control
6794. **Wakisaka J, Yano H, Kamel H, et al:** [Psychosomatic consideration on postoperative adhesion of the intestine] Surg Ther (Osaka) 23:1-12, Jul 70 (Jap)  
\*ADHESIONS, etiology/ ADOLESCENCE/ ADULT/ AUTONOMIC NERVOUS SYSTEM, physiopathology/ ELECTROENCEPHALOGRAPHY/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ \*INTESTINAL DISEASES, etiology/ MALE/ MIDDLE AGE/ MMPI/ NEUROLOGIC EXAMINATION/ \*POSTOPERATIVE COMPLICATIONS/ \*PSYCHOPHYSIOLOGIC DISORDERS/ SEROTONIN, blood
6795. **Walbaum S, Biguet J, Tran-Van-Ky P:** Structure antigénique de Thermopolyspora polyspora. Répercussions pratiques sur le diagnostic du "poumon du fermier".  
Ann Inst Pasteur (Paris) 117:673-93, Nov 69 (Fre)  
\*ACTINOMYCES, immunology/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ \*ANTIGENS/ CHYMOTRYPSIN, analysis/ CULTURE MEDIA/ ENGLISH ABSTRACT/ ESTERASES, analysis/ \*FARMER'S LUNG, diagnosis/ \*FARMER'S LUNG, immunology/ HUMAN/ HYPERSENSITIVITY/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ OXIDOREDUCTASES, analysis/ PRECIPITINS/ RABBITS/ SPORES
6796. **Walder HA:** La cryothérapie. Etude expérimentale et clinique. Neurochirurgie 15:241-9, May-Jun 69 (Fre)  
ADOLESCENCE/ AGED/ ANIMAL EXPERIMENTS/ \*ARTERIOVENOUS FISTULA, therapy/ \*BRAIN NEOPLASMS, therapy/ \*CEREBRAL HEMORRHAGE, therapy/ \*CEREBROVASCULAR DISORDERS, therapy/ \*CRYOTHERAPY/ DOGS/ FEMALE/ \*HEMANGIOMA, therapy/ HUMAN/ MALE/ MIDDLE AGE
6797. **Walike JW, Mackay B:** Nasopharyngeal angiofibroma: light and electron microscopic changes after stilbesterol therapy. Laryngoscope 80:1109-21, Jul 70  
\*ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, pathology/ BIOPSY/ BLOOD VESSELS, pathology/ CHILD/ CONNECTIVE TISSUE, pathology/ \*DIETHYLSTILBESTROL, therapeutic use/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ \*NASOPHARYNGEAL NEOPLASMS, drug therapy/ NASOPHARYNGEAL NEOPLASMS, pathology/ PREOPERATIVE CARE
6798. **Walk FS, Harwood-Nash DC, Lansdown EL:** Angiography of vascular lesions of the face and neck.  
J Canad Ass Radiol 20:165-75, Sep 69  
ADENOMA, radiography/ ADOLESCENCE/ ADULT/ \*ANGIOGRAPHY/ ANGIOMA, SCLEROSING, radiography/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ CAROTID BODY TUMOR, radiography/ CHILD/ \*FACE, blood supply/ HEMANGIOENDOTHELIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ NASOPHARYNGEAL DISEASES, radiography/ \*NECK, blood supply/ SARCOMA, radiography/ SUBTRACTION TECHNIC/ THYROID NEOPLASMS, radiography/ VASCULAR DISEASES, radiography
6799. **Walker DG:** Benign nonodontogenic tumors of the jaws.  
J Oral Surg 28:39-57, Jan 70  
ADENOMA/ AMPUTATION/ ANEURYSM/ ARTERIOVENOUS FISTULA/ BONE CYST/ CHONDROMA/ EXOSTOSES/ FIBROUS DYSPLASIA OF BONE/ GRANULOMA,



## AUTHOR SECTION

- REPARATIVE GIANT CELL/ HEMANGIOMA/  
HUMAN/ \*JAW NEOPLASMS, classification/  
MANDIBLE, abnormalities/ MYXOMA/  
NEUROMA/ OSTEOMA/ OSTEOMA, OSTEOID/  
PALATE, abnormalities
6800. Walker DG: Outline of a method for the detection of coagulation disorders. *J Oral Surg* 27:670, Aug 69  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ HUMAN/ METHODS
6801. Walker M: Colling of the flagellar shaft in the head region of the mature sperm of *Nucella* (purpura) lampillus (L.). *J Cell Sci* 5:211-25, Jul 69  
ANIMAL EXPERIMENTS/ CELL NUCLEUS/  
DETERGENTS/ \*FLAGELLA/ HYDROGEN-ION  
CONCENTRATION/ MICROSCOPY,  
ELECTRON/ MICROSCOPY, PHASE  
CONTRAST/ \*MOLLUSCA, cytology/  
NUCLEOPROTEINS/ PEPTIDE HYDROLASES/  
SEAWATER/ \*SPERMATOCYTES, cytology/  
SULFATES/ TESTIS, cytology/ TRYPSIN
6802. Wall RA: Separation of peptides on macroreticular ion exchangers. *Anal Biochem* 35:203-8, May 70  
AUTOANALYSIS/ COLORIMETRY/  
HEMOGLOBIN/ HYDROGEN-ION  
CONCENTRATION/ INDICATORS AND  
REAGENTS/ \*ION EXCHANGE/ METHODS/  
\*PEPTIDES, isolation & purification/ RESINS/  
TRYPSIN
6803. Wallace HW, Arai K, Blakemore WS: Plasma protein alterations accompanying cardiac and general surgical procedures. *Surg Gynec Obstet* 131:268-72, Aug 70  
ADULT/ ALPHA GLOBULIN, analysis/ BLOOD  
PROTEIN ELECTROPHORESIS/ \*BLOOD  
PROTEINS, analysis/ EXTRACORPOREAL  
CIRCULATION/ FEMALE/ GLYCOPROTEINS,  
blood/ \*HEART SURGERY/ HEPARIN,  
administration & dosage/ HUMAN/ MALE/  
MIDDLE AGE/ NEURAMINIC ACIDS, blood/  
PLASMA/ \*SURGERY, OPERATIVE
6804. Wallenburg HC: Morfologische en klinische aspecten van het chorion-anglioma placentae.  
Nederl T Geneesk 113:1757-9, 4 Oct 69 (Dut)  
FEMALE/ \*HEMANGIOMA/ HUMAN/ INFANT,  
NEWBORN/ \*PLACENTA/ PLACENTA  
DISORDERS/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS
6805. Wallois P, Griton P: Quelques conclusions de l'enquête faite auprès de phlébologues au sujet des affections vasculaires des membres inférieurs chez les moins de 18 ans. *Phlebologie* 22:249-53, Jul-Sep 69 (Fre)  
ADOLESCENCE/ AGE FACTORS/ CHILD,  
PRESCHOOL/ HEMANGIOMA, familial &  
genetic/ HUMAN/ \*LEG, blood supply/ LEG  
INJURIES, complications/ LYMPHATIC  
SYSTEM, pathology/ PUBERTY/  
THROMBOPHLEBITIS/ VARICOSE ULCER/  
VARICOSE VEINS/ \*VASCULAR DISEASES/  
VASCULAR DISEASES, familial & genetic/  
VASOMOTOR SYSTEM, pathology
6806. Walls WD, Losowsky MS: Abnormalities of fibrin stabilization in liver and kidney disease: a comparison of two different methods. *Clin Sci* 37:837-46, Dec 69  
ADOLESCENCE/ ADULT/ AGED/ CHRONIC  
DISEASE/ COMPARATIVE STUDY/ \*FACTOR  
XIII, analysis/ FACTOR XIII, antagonists &  
inhibitors/ FACTOR XIII, biosynthesis/  
FEMALE/ GLYCINE, pharmacodynamics/  
HEMORRHAGIC DIATHESIS, complications/  
HUMAN/ JAUNDICE, blood/ \*KIDNEY  
FAILURE, ACUTE, blood/ \*KIDNEY  
FAILURE, CHRONIC, blood/ KIDNEY  
FAILURE, CHRONIC, complications/  
KINETICS/ \*LIVER DISEASES, blood/ LIVER  
DISEASES, complications/ MALE/ METHODS/  
MIDDLE AGE
6807. Walsh AC: Extracranial arterial stenosis. *JAMA* 214:374, 12 Oct 70  
\*ANTICOAGULANTS, therapeutic use/  
CEREBRAL EMBOLISM AND THROMBOSIS,  
surgery/ \*CEREBRAL EMBOLISM AND  
THROMBOSIS, therapy/ CEREBROVASCULAR
- DISORDERS, therapy/ HUMAN/  
PROTHROMBIN TIME
6808. Walsh KA, Ericsson LH, Bradshaw RA, et al: Chemical evidence of a disulfide bond in bovine carboxypeptidase A. *Biochemistry (Wash)* 9:219-25, 20 Jan 70  
ALKYLATION/ AMINO ACIDS, analysis/  
CARBON ISOTOPES/ \*CARBOXYPEPTIDASES/  
CARBOXYPEPTIDASES, analysis/ CATTLE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CYSTINE/ GLUTAMATES/ HISTIDINE/  
IODOACETATES/ PANCREATIC JUICE,  
enzymology/ PEPsin/ \*PEPTIDES/ PEPTIDES,  
analysis/ PEPTIDES, isolation & purification/  
\*SULFIDES/ TRYPSIN/ ZINC
6809. Walsh KA, McDonald RM, Bradshaw RA: Automatic systems for detecting cystine and cystinyl peptides during column chromatography. *Anal Biochem* 35:193-202, May 70  
ACETIC ACIDS/ \*AUTOANALYSIS/  
\*CHROMATOGRAPHY, ION EXCHANGE/  
CYANIDES/ \*CYSTINE, analysis/ INDICATORS  
AND REAGENTS/ METHODS/ PEPsin/  
\*PEPTIDES, analysis/ PYRIDINES/  
TEMPERATURE/ TRYPSINOGEN, analysis
6810. Walsh PN: Platelet adhesiveness in Hageman trait. *Lancet* 2:575, 12 Sep 70  
BLOOD COAGULATION DISORDERS, blood/  
\*BLOOD COAGULATION DISORDERS, familial  
& genetic/ \*BLOOD PLATELETS/ \*FACTOR  
XII/ HUMAN/ PLATELET ADHESIVENESS
6811. Walsh RT, Barnhart MI: Clearance of coagulation and fibrinolysis products by the reticuloendothelial system. *Thromb Diath Haemorrh* 36:Suppl 36:83-97, 1969  
ANIMAL EXPERIMENTS/ BIOPSY/ BLOOD  
CELL COUNT/ \*BLOOD COAGULATION/  
BLOOD COAGULATION DISORDERS,  
chemically induced/ BLOOD PLATELETS/  
BONE MARROW EXAMINATION/ DOGS/  
EMBOLISM, physiopathology/ ENDOTOXINS/  
ESCHERICHIA COLI/ FIBRIN, metabolism/  
FIBRINOGEN, analysis/ FIBRINOGEN,  
metabolism/ FIBRINOLYSIS/ FIBRINOLYTIC  
AGENTS/ FLUORESCENT ANTIBODY  
TECHNIC/ LIVER, pathology/ LIVER,  
physiology/ MICROSCOPY, ELECTRON/  
NEUTROPHILS/ PHAGOCYTOSIS/ PLATELET  
ADHESIVENESS/ PRECIPITIN TESTS/  
PROTEIN DENATURATION/  
\*RETICULOENDOTHELIAL SYSTEM,  
metabolism/ SPLEEN, pathology/  
STREPTOKINASE/ THROMBIN/ THROMBOSIS,  
physiopathology/ ZYMOSAN
6812. Walt JD vaner, Pretorius PJ: Tiroiedfunksie en serumproteïene tydens lipemie. *S Afr Med J* 43:1382-3, 8 Nov 69 (Afr)  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, physiopathology/  
\*BLOOD PROTEINS/ DIET, A\*HEROGENIC/  
ENGLISH ABSTRACT/ \*HYPERLIPIDEMIA,  
physiopathology/ MALE/ PROTEIN-BOUND  
IODINE TEST/ RABBITS/ SERUM ALBUMIN,  
analysis/ SERUM GLOBULINS, analysis/  
\*THYROID GLAND, physiopathology
6813. Walters WA, Lim YL: Changes in the maternal cardiovascular system during human pregnancy. *Surg Gynec Obstet* 131:765-84, Oct 70 (173 ref.)  
ADAPTATION, PHYSIOLOGICAL/ BLOOD  
PRESSURE/ BLOOD VISCOSITY/ BLOOD  
VOLUME/ BREAST, blood supply/ CARDIAC  
OUTPUT/ \*CARDIOVASCULAR SYSTEM,  
physiology/ CEREBROVASCULAR  
CIRCULATION/ ERYTHROCYTES/  
EXTREMITIES, blood supply/ FEMALE/  
HEART RATE/ HEMATOCRIT/  
\*HEMODYNAMICS/ HEMOGLOBIN, analysis/  
HORMONES, physiology/ HUMAN/ KIDNEY,  
blood supply/ LABOR/ LIVER CIRCULATION/  
POSTURE/ \*PREGNANCY/ REGIONAL BLOOD  
FLOW/ REVIEW/ VASCULAR RESISTANCE
6814. Walton JG, Thompson JW: Pharmacology for the dental practitioner. 7. Systemic disease and dental practice



## AUTHOR SECTION

(continued). Brit Dent J 127:333-7, 7 Oct 69  
ANEMIA/ ANESTHESIA, DENTAL/ BLOOD  
COAGULATION DISORDERS/ \*DISEASE/  
\*DRUG THERAPY/ EPILEPSY, GRAND MAL/  
GASTROINTESTINAL DISEASES/ \*GENERAL  
PRACTICE, DENTAL/ HUMAN/ KIDNEY  
DISEASES/ \*PHARMACOLOGY/ THYROID  
DISEASES

6815. Walton JG, Thompson JW: Pharmacology for the dental practitioner. Drug interactions, drug-induced diseases and drugs in pregnancy (continued). Brit Dent J 127:421-3, 4 Nov 69  
\*ADRENAL CORTEX HORMONES, adverse effects/ \*ANTICOAGULANTS, adverse effects/ FEMALE/ \*GENERAL PRACTICE, DENTAL/ HUMAN/ METRONIDAZOLE, adverse effects/ \*PREGNANCY/ TETRACYCLINE, adverse effects/ \*TOOTH EXTRACTION

6816. Waltz CA, Shumacker HB Jr: Further studies on vascular pressure changes with overtransfusion. Arch Surg (Chicago) 99:628-30, Nov 69  
ANIMAL EXPERIMENTS/ AORTA/ \*BLOOD PRESSURE/ BLOOD PRESSURE DETERMINATION/ \*BLOOD TRANSFUSION, adverse effects/ BLOOD VOLUME/ DOGS/ HEART CATHETERIZATION/ HEPARIN/ PULMONARY ARTERY/ SERUM ALBUMIN, RADIO-IODINATED/ SHOCK, HEMORRHAGIC, therapy/ SPLENECTOMY

6817. Wang AC, Goodman JW, Fudenberg HH: Communications. N-terminal residues of heavy chains of human IgA myeloma proteins. J Immun 103:1149-51, Nov 69  
AMINO ACIDS, analysis/ ANTIGENS, analysis/ \*BENCE JONES PROTEIN, analysis/ BENCE JONES PROTEIN, isolation & purification/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ PEPTIDE HYDROLASES/ PYRROLIDINONES, analysis/ SERUM ALBUMIN, BOVINE/ TRANSFERRIN, isolation & purification

6818. Wang DI, Sinskey AJ, Sonoyama T: Recovery of biological materials through ultrafiltration. Biotechn Bioengin 11:987-1003, Sep 69  
CELLULOSE/ \*FILTRATION/ MEMBRANES, ARTIFICIAL/ METHODS/ PRESSURE/ TEMPERATURE/ TIME FACTORS/ \*TRYPSIN, isolation & purification

6819. Wang JH: Directional character of proton transfer in enzyme catalysis. Proc Nat Acad Sci USA 68:874-81, Jul 70  
BINDING SITES/ CARBONIC ANHYDRASE/ \*CATALYSIS/ CHYMOTRYPSIN/ \*ENZYMES/ HYDROXIDES/ ICE/ \*PROTONS

6820. Wang SS, Carpenter FH: Kinetics of the tryptic hydrolysis of zinc-free bovine insulin. J Biol Chem 244:5537-43, 25 Oct 69  
ARGININE/ CATTLE/ CHEMISTRY/ HYDROGEN-ION CONCENTRATION/ \*INSULIN/ KINETICS/ LYSINE/ MODELS, CHEMICAL/ PROTONS/ \*TRYPSIN/ ZINC

6821. Wanke M: Experimental acute pancreatitis. Curr Top Path 52:64-142, 1970 (465 ref.)  
ACUTE DISEASE/ ADRENALECTOMY/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ ANOXIA, complications/ CALCIPHYLAXIS, complications/ DISEASE MODELS, ANIMAL/ DOGS/ GUINEA PIGS/ HYPOPHYSECTOMY/ KALLIKREIN, metabolism/ LIPASE, metabolism/ MONKEYS/ OILS/ \*PANCREATITIS/ PANCREATITIS, complications/ PANCREATITIS, enzymology/ PANCREATITIS, etiology/ PANCREATITIS, immunology/ PANCREATITIS, metabolism/ PANCREATITIS, pathology/ PANCREATOPEPTIDASE, metabolism/ PARATHYROID GLANDS, physiopathology/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPASE, metabolism/ RABBITS/ RATS/ REVIEW/ SODIUM CHLORIDE/

SURFACE-ACTIVE AGENTS/ THYROID GLAND, physiopathology/ TRYPSIN

6822. Wanke M, Wegener K, Lahmann H: Einbaureate von Enzymelweissen in das Rattenpankreas nach Adrenalectomie unter Cortison. Virchow Arch [Path Anat] 350:275-87, 1970 (Ger)  
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ALANINE/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ \*CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ MALE/ \*PANCREAS, enzymology/ PANCREAS, pathology/ RADIOAUTOGRAHY/ RATS/ TRITIUM/ TRYPSIN, analysis

6823. Wanken JJ, Eyring EJ, Kontras SB: Should haemophilic haemarthroses by aspirated? Lancet 2:1253, 6 Dec 69  
DRAINAGE/ \*HEMARTHROSIS, therapy/ \*HEMOPHILIA, complications/ HUMAN

6824. Warburg O, Geissler AW, Lorenz S: Entstehung von Krebsstoffwechsel durch Vitamin-B1-Mangel (Thiaminmangel). Z Naturforsch [B] 25:332-3, Mar 70 (Ger)  
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CHICK EMBRYO, cytology/ CULTURE MEDIA/ IN VITRO/ NAD, metabolism/ \*NEOPLASMS, metabolism/ OXYGEN CONSUMPTION/ PYRIDOXINE, metabolism/ RIBOFLAVIN, metabolism/ THIAMINE, metabolism/ \*THIAMINE DEFICIENCY, metabolism/ TISSUE CULTURE/ TRYPSIN

6825. Ward PA, Hill JH: C5 chemotactic fragments produced by an enzyme in lysosomal granules of neutrophils. J Immun 104:535-43, Mar 70  
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*CHEMOTAXIS/ \*COMPLEMENT/ CYTOCHROMES/ EDTA, pharmacodynamics/ ESTERS, pharmacodynamics/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ INFLAMMATION, enzymology/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ \*LYSOSOMES, enzymology/ MOLECULAR WEIGHT/ \*NEUTROPHILS/ NEUTROPHILS, enzymology/ NEUTROPHILS, immunology/ RABBITS/ ULTRACENTRIFUGATION

6826. Wardle EN: Septic shock. Brit Med J 1:236, 24 Jan 70  
BLOOD COAGULATION DISORDERS, drug therapy/ \*BLOOD COAGULATION DISORDERS, etiology/ HUMAN/ \*SHOCK, TOXIC, complications/ THROMBOSIS, etiology

6827. Wardle EN: Fibrinolysis and toxemia of pregnancy. Brit Med J 1:175, 17 Jan 70  
FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ HYPERTENSION, RENAL, blood/ PREGNANCY/ \*PREGNANCY TOXEMIAS, blood

6828. Wardle EN: Fibrin and renal disease. Lancet 2:1137, 22 Nov 69  
ANIMAL EXPERIMENTS/ \*FIBRIN/ FIBRINOGEN, metabolism/ \*KIDNEY DISEASES, etiology/ RABBITS/ RATS

6829. Wardle EN, Menon IS, Rastogi SP: Study of proteins and fibrinolysis in patients with glomerulonephritis. Brit Med J 1:260-3, 2 May 70  
\*BLOOD PROTEINS, analysis/ CHOLESTEROL, blood/ FIBRINOGEN, blood/ FIBRINOLYSIS, antagonists & inhibitors/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, blood/ FIBRINOLYTIC AGENTS, urine/ \*GLOMERULONEPHRITIS, blood/ \*GLOMERULONEPHRITIS, urine/ HUMAN/ SERUM GLOBULINS, analysis/ TRYPSIN INHIBITORS, urine

6830. Warembourg H, Biserte G, Bertrand M, et al: Le métabolisme myocardique des acides gras non estérifiés. Path Biol (Paris) 17:559-64, Jun-Jul 69 (Fre)  
CHROMATOGRAPHY, GAS/ CORONARY VESSELS, metabolism/ FATTY ACIDS,



# AUTHOR SECTION

- NONESTERIFIED, blood/ \*FATTY ACIDS, NONESTERIFIED, metabolism/ HEART, drug effects/ HEPARIN, pharmacodynamics/ HUMAN/ LANATOSIDES, pharmacodynamics/ LINOLEIC ACID, metabolism/ \*MYOCARDIUM, metabolism/ OLEIC ACID, metabolism/ OUABAIN, pharmacodynamics/ OXYGEN CONSUMPTION/ PALMITIC ACID, metabolism/ STEARIC ACID, metabolism
6831. Warembourg H, Dupont A, Pauchant M, et al: Une tumeur primitive exceptionnelle du coeur. L'hémangioépicytome malin. Presse Med 77:2137-40, 27 Dec 69 (Fre)  
ENGLISH ABSTRACT/ FEMALE/ HEART ATRIUM, pathology/ \*HEART NEOPLASMS/ HEART NEOPLASMS, diagnosis/ HEART NEOPLASMS, pathology/ \*HEMANGIOEPICYTOMA/ HEMANGIOEPICYTOMA, diagnosis/ HEMANGIOEPICYTOMA, pathology/ HUMAN/ LIVER, pathology/ LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ NEOPLASM METASTASIS/ TOMOGRAPHY
6832. Warembourg H, Jaillard J: Traitement de l'insuffisance coronarienne chronique. Etude sur 100 cas. Sem Hop Paris 45:3055-7, 26 Nov 69 (Fre)  
\*ANGINA PECTORIS, drug therapy/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ \*BENZOFURANS, administration & dosage/ BENZOFURANS, adverse effects/ CHRONIC DISEASE/ \*CORONARY DISEASE, drug therapy/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications
6833. Warembourg H, Jaillard J, Sezille G: Diététique des hyperlipidémies (bases théoriques et applications pratiques) Lille Med 15:211-22, Jan 70 (Fre)  
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ DIET, ATHEROGENIC/ \*DIET THERAPY/ HUMAN/ HYPERCHOLESTEREMIA, therapy/ \*HYPERLIPEMIA, therapy/ MIDDLE AGE
6834. Warembourg H, Peltier JM: Utilisation du G. 23.350 (Sintrom) en cardiologie, indications, posologie et surveillance. Lille Med 15:167-79, Jan 70 (Fre)  
\*ACENOCOUMAROL, administration & dosage/ ADULT/ AGED/ FEMALE/ \*HEART DISEASES, drug therapy/ HUMAN/ MALE/ MIDDLE AGE
6835. Warembourg H, Vasseur P: Utilisation pratique d'un anticoagulant le Sintrom en cardiologie. Lille Med 14:Suppl 3:491-7, Apr 69 (Fre)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/ \*CARDIOVASCULAR DISEASES, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE
6836. Warembourg H, Vasseur P: Utilisation pratique d'un anticoagulant le Sintrom en cardiologie. Lille Med 14:Suppl 3:491-7, Apr 69 (Fre)  
\*ACENOCOUMAROL, therapeutic use/ ADULT/ \*CARDIOVASCULAR DISEASES, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE
6837. Warot P, Petit H, Christiaens JL, et al: Angliolipome dorsal extra-dural: cause inhabituelle de compression medullaire. Lille Med 14:311-5, Mar 69 (Fre)  
CASE REPORT/ FEMALE/ \*HEMANGIOMA, complications/ HUMAN/ \*LIPOMA, complications/ MIDDLE AGE/ \*SPINAL CORD COMPRESSION, etiology/ \*SPINAL NEOPLASMS, complications
6838. Warren BA, Davey MG: Electron microscopy of human platelet aggregates formed in vitro with and without fibrin production. Angiologica (Basel) 7:84-103, 1970  
\*BLOOD PLATELETS, cytology/ FIBRIN, analysis/ \*FIBRIN, biosynthesis/ FIBRINOLYTIC AGENTS/ HUMAN/ IN VITRO/ METHODS/ \*MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ SNAKES/ THROMBOEMBOLISM, chemically induced/ VENOMS, pharmacodynamics
6839. Warter J, Storck D, Kieny R: Valeur séméiologique de l'auscultation des artères de l'abdomen. Presse Med 78:421-4, 21 Feb 70 (Fre)  
\*ABDOMEN, blood supply/ ANGIOGRAPHY/ \*ARTERIES/ ARTERIOSCLEROSIS, diagnosis/ ARTERIOVENOUS FISTULA, diagnosis/ \*AUSCULTATION/ CELIAC ARTERY/ FEMALE/ \*GASTROINTESTINAL DISEASES, diagnosis/ HEMANGIOEPICYTOMA, diagnosis/ HEPATIC ARTERY/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ LIVER NEOPLASMS, diagnosis/ MALE/ MESENTERIC VASCULAR OCCLUSION, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ POLYCYTHEMIA, diagnosis/ RENAL ARTERY OBSTRUCTION, diagnosis/ RETROPERITONEAL FIBROSIS, diagnosis/ SPLENIC ARTERY/ SPLENIC DISEASES, diagnosis/ \*VASCULAR DISEASES, diagnosis
6840. Wasantapruet S, Homatas J, Kaulla KN von, et al: Clotting abnormalities including intravascular clotting following transplantation of preserved livers in pigs. Thromb Diath Haemorrh 36:Suppl 36:319+, 1969  
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPATECTOMY/ \*LIVER, transplantation/ SWINE/ THROMBELASTOGRAPHY/ \*TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS
6841. Washburn KW, Eldson CS: Changes in concentration of plasma proteins associated with Marek's disease. Poul Sci 49:784-93, May 70  
ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ \*AVIAN LEUKOSIS, blood/ AVIAN LEUKOSIS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, analysis/ CHICKENS/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ GLOBULINS, analysis/ PERIPHERAL NERVE DISEASES, blood/ PERIPHERAL NERVE DISEASES, immunology/ \*POULTRY DISEASES, blood/ POULTRY DISEASES, immunology/ SERUM ALBUMIN, analysis
6842. Washington JA 2d, Yu PK: Evaluation of reagent-impregnated coagulase-mannitol test strip for speciation of staphylococci. Appl Microbiol 19:702-3, Apr 70  
\*COAGULASE/ COAGULASE, metabolism/ COMPARATIVE STUDY/ FALSE POSITIVE REACTIONS/ FERMENTATION/ \*INDICATORS AND REAGENTS/ \*MANNITOL/ MANNITOL, metabolism/ METHODS/ \*STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism
6843. Washington JL, Brown AW, Starrett AL: Postmortem findings among low birth weight infants. J Louisiana Med Soc 122:276-8, Sep 70  
AUTOPSY/ \*BIRTH WEIGHT/ CEREBRAL HEMORRHAGE/ HEMORRHAGIC DISEASE OF NEWBORN/ HUMAN/ HYALINE MEMBRANE DISEASE/ \*INFANT MORTALITY/ INFANT, NEWBORN/ PULMONARY HEART DISEASE
6844. Wasserman AJ: Anticoagulants in acute myocardial infarction: the last (?) word. Ann Intern Med 71:855-6, Oct 69  
ANTICOAGULANTS, administration & dosage/ \*ANTICOAGULANTS, therapeutic use/ HUMAN/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality
6845. Wat JJ van der: The 'mutilated ovary' syndrome. S Afr Med J 44:687-92, 13 Jun 70  
ABDOMEN/ ADHESIONS/ ADOLESCENCE/ ADULT/ APPENDECTOMY/ CASTRATION, adverse effects/ DYSPAREUNIA, etiology/ FEMALE/ HUMAN/ HYSTERECTOMY/ \*IATROGENIC DISEASE/ MENSTRUATION DISORDERS, etiology/ NECROSIS/ OVARIAN CYSTS, surgery/ \*OVARIAN DISEASES,



# AUTHOR SECTION

- etiology/ OVARY, physiology/ \*OVARY, surgery/ PAIN, etiology/ POSTOPERATIVE COMPLICATIONS/ \*STERILITY, FEMALE, etiology
6846. Watanabe K: Fibrinolytic activity of leukemic cells. *Kelo J Med* 19:47-59, Mar 70  
ADOLESCENCE/ ADULT/ CHILD, PRESCHOOL/ FEMALE/ \*FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ \*LEUKEMIA, blood/ LEUKEMIA, enzymology/ LEUKOCYTES, enzymology/ LEUKOCYTES, physiology/ LEUKOCYTES, physiopathology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, antagonists & inhibitors
6847. Watanabe K, Yasunobu KT: Carbohydrate content of bovine plasma amine oxidase and isolation of a carbohydrate-containing fragment attached to asparagine. *J Biol Chem* 245:4612-7, 25 Sep 70  
AMIDOHYDROLASES/ \*ASPARAGINE, analysis/ \*CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ GLUCOSAMINE, analysis/ GLYCOSIDE HYDROLASES/ MANNOSE, analysis/ \*MONOAMINE OXIDASE/ MONOAMINE OXIDASE, blood/ NEURAMINIC ACIDS, analysis/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PHENYLHYDRAZINE/ SWINE
6848. Watanabe S, Kitagawa M: Naturally occurring rabbit antibodies against the tryptic 3-5S and 5S fragments of rabbit IgG-II. *Immunochimistry* 7:363-72, Apr 70  
ADSORPTION/ \*ANTIBODIES, analysis/ ANTIGENIC DETERMINANTS/ CATTLE/ \*GAMMA GLOBULIN, 7S/ GOATS/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNOCHEMISTRY/ IODINE ISOTOPES/ RABBITS/ TRYPSIN
6849. Watanabe S, Shimada H, Ishii S: [Production of chronic subdural hematoma in the experimental animals] *Advances Neurol Sci (Tokyo)* 14:387-96, Jul 70 (Jap)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CEREBROSPINAL FLUID/ CHRONIC DISEASE/ DOGS/ FIBRIN/ \*HEMATOMA, SUBDURAL, etiology/ IN VITRO/ MONKEYS
6850. Watanabe T: [Chronological study on radiotherapy in children. 1. Benign tumors] *Rinsho Hosha* 14:669-72, Aug 69 (Jap)  
CHILD/ FEMALE/ HEMANGIOMA, radiotherapy/ HUMAN/ JAPAN/ KELOID, prevention & control/ MALE/ \*NEOPLASMS, radiotherapy/ SEX FACTORS/ STATISTICS/ TONSILLITIS, radiotherapy/ TUBERCULOSIS, radiotherapy
6851. Watanabe T: The study on enumeration of the blood platelets. *Acta Haemat Jap* 32:397-405, Jun 69  
\*BLOOD CELL COUNT/ \*BLOOD PLATELETS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ METHODS
6852. Watanabe Y, Naito T, Hanada T: [Cholesteringranuloma in the mastoid cavity (blue drum membrane, or idiopathic haematotympanum)] *J Otolaryng Jap* 72:2035-48, Nov 69 (Jap)  
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ DEAFNESS, etiology/ \*EAR, MIDDLE/ FEMALE/ FIBRINOLYSIS, blood/ \*GRANULOMA/ GRANULOMA, surgery/ HEARING TESTS/ \*HEMORRHAGE/ HUMAN/ MALE/ \*MASTOID
6853. Watanakunakorn C, Browder HP: Effects of lysostaphin and its two active components on stable wall-defective forms of *Staphylococcus aureus*. *J Infect Dis* 121:124-8, Feb 70  
AMINO SUGARS, analysis/ \*ANTIBIOTICS, pharmacodynamics/ CELL MEMBRANE, analysis/ \*CELL WALL/ CULTURE MEDIA/ DRUG RESISTANCE, MICROBIAL/ GLYCOSIDE HYDROLASES, pharmacodynamics/ HEXOSAMINES/ HEXOSAMINES, analysis/ HEXOSES, analysis/ LYSOSTAPHIN, pharmacodynamics/ METHICILLIN, pharmacodynamics/ MUTATION/ PEPTIDE HYDROLASES, pharmacodynamics/ STAPHYLOCOCCUS, analysis/ \*STAPHYLOCOCCUS, drug effects
6854. Waterman NG, Walsky R, Moore R, et al: Acute pancreatitis: an experimental model. *Surgery* 66:746-50, Oct 69  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, administration & dosage/ GUINEA PIGS/ INJECTIONS/ MODELS, BIOLOGIC/ \*PANCREATITIS, chemically induced/ PANCREATITIS, mortality/ PANCREATITIS, pathology/ TIME FACTORS/ TRYPSIN, administration & dosage
6855. Waterman NG, Walsky RS: Transperitoneal absorption of amylase in acute experimental pancreatitis. *Surg Gynec Obstet* 131:729-32, Oct 70  
ABSORPTION/ AMYLASE, blood/ \*AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ GUINEA PIGS/ PANCREATITIS, blood/ PANCREATITIS, chemically induced/ \*PANCREATITIS, enzymology/ \*PERITONEUM, enzymology/ PERITONEUM, metabolism/ TRYPSIN
6856. Watkins SP Jr, Shulman NR: Platelet cold agglutinins. *Blood* 36:153-8, Aug 70  
ADULT/ AGED/ \*ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ \*BLOOD PLATELETS, immunology/ CARCINOMA, EPIDERMAL, immunology/ COLD/ FELTY'S SYNDROME, immunology/ FEMALE/ FIBRINOGEN, analysis/ HEMAGGLUTINATION TESTS/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ HUMAN/ HYPERSPLENISM, immunology/ IMMUNOCHEMISTRY/ IMMUNOGLOBULINS/ MALE/ MELANOMA, immunology/ MIDDLE AGE/ MOLECULAR WEIGHT/ NEOPLASM METASTASIS/ RABBITS/ THROMBOPENIA, immunology
6857. Watson DW, Johnson AG: The clinical use of immunosuppression. *Med Clin N Amer* 53:1225-41, Nov 69 (73 ref.)  
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES, drug therapy/ \*AUTOIMMUNE DISEASES, etiology/ CHRONIC DISEASE/ COLITIS, ULCERATIVE, drug therapy/ GLOMERULONEPHRITIS, drug therapy/ HEPATITIS, drug therapy/ HUMAN/ HYPERSENSITIVITY, DELAYED, drug therapy/ HYPERSENSITIVITY, IMMEDIATE, drug therapy/ IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ \*IMMUNOSUPPRESSIVE AGENTS, adverse effects/ \*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ PSORIASIS, drug therapy/ PURPURA, THROMBOPENIC, drug therapy/ REVIEW
6858. Watson JH, Haubrich WS: Bacilli bodies in the lumen and epithelium of the jejunum in Whipple's disease. *Lab Invest* 21:347-57, Oct 69  
BACTERIA, isolation & purification/ BASEMENT MEMBRANE, microbiology/ EPITHELIUM, microbiology/ FEMALE/ FIBRIN, analysis/ HUMAN/ JEJUNUM, analysis/ \*JEJUNUM, microbiology/ LIPIDS, analysis/ \*LIPODYSTROPHY, INTESTINAL, microbiology/ LYSOSOMES/ MACROPHAGES/ MICROSCOPY, ELECTRON/ MIDDLE AGE
6859. Watson PG, Holt-Wilson AD: The traumatic orbital apex syndrome its differential diagnosis and treatment. *Trans Ophthal Soc UK* 88:361-74, 1969  
ADULT/ AGED/ BLINDNESS, etiology/ DIAGNOSIS, DIFFERENTIAL/ EXOPHTHALMOS, surgery/ \*EYE INJURIES, diagnosis/ EYE INJURIES, surgery/ \*EYE INJURIES, therapy/ HEMORRHAGE, complications/ HEPARIN, therapeutic use/ HUMAN/ MALE/ \*OPTIC NERVE, injuries/ \*ORBIT, injuries/ PAPAVERINE, therapeutic



# AUTHOR SECTION

- use/ RETINAL VESSELS/ UREA, therapeutic use
6860. Watt DL: A machine for the determination of the whole blood clotting time. Thromb Diath Haemorrh 23:627-32, 30 Jun 70  
\*BLOOD COAGULATION TESTS, instrumentation/ HUMAN
6861. Watt JG: Automatically controlled continuous recovery of plasma protein fractions for clinical use. A preliminary report. Vox Sang 18:42-61, Jan 70  
ALCOHOL, ETHYL, pharmacodynamics/  
ALPHA GLOBULIN, analysis/ AUTOMATION/  
BETA GLOBULIN, analysis/ \*BLOOD BANKS/  
BLOOD COAGULATION/ BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ \*BLOOD PROTEINS, isolation & purification/ \*BLOOD TRANSFUSION/ BLOOD TRANSFUSION, instrumentation/ CHEMISTRY, ANALYTICAL/ COMPUTERS/ ELECTROLYTES/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PLASMA/ PLASMA, analysis/ PRECIPITATION/ SERUM ALBUMIN, analysis/ TEMPERATURE
6862. Watt RM: Metabolic activity in single supraoptic neurones and its relation to osmotic stimulation. Brain Res 21:443-7, 29 Jul 70  
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ DEHYDRATION/ HYPOTHALAMUS, cytology/ \*HYPOTHALAMUS, metabolism/ MALE/ \*NEURONS, metabolism/ \*NUCLEIC ACIDS, metabolism/ RATS
6863. Waxman S, Dove JT: Cryofibrinogenemia aggravated during hypothermia. New Eng J Med 281:1291-2, 4 Dec 69  
\*BLOOD PROTEIN DISORDERS, complications/  
\*COLD/ FEMALE/ FEVER, therapy/  
\*FIBRINOGEN/ HUMAN/ \*HYPOTHERMIA, INDUCED, adverse effects/ INFECTION, complications/ LEUKEMIA, LYMPHOCYTIC, complications/ MIDDLE AGE/ NECROSIS/ SKIN, pathology
6864. Webber AJ, Johnson SA: Platelet participation in blood coagulation aspects of hemostasis. Amer J Path 60:19-42, Jul 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ \*BLOOD COAGULATION FACTORS/ \*BLOOD PLATELETS/ CELL AGGREGATION/ CELL MEMBRANE/ CYTOPLASMIC GRANULES/ GUINEA PIGS/ \*HEMOSTASIS/ MESENTERIC ARTERIES/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PROTHROMBIN/ RABBITS/ THROMBIN, pharmacodynamics
6865. Weber E, Pfeleiderer T, Morgenstern E: Das Verhalten funktioneller, cytologischer und biochemischer Parameter von Blutplättchen in vitro unter der Einwirkung von Lipidemulsionen. Naunyn Schmiedeberg Arch Pharm 264:322-3, 1969 (Ger)  
ADENOSINE TRIPHOSPHATE, metabolism/ ADHESIVENESS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ EMULSIONS, pharmacodynamics/ GLUCOSE, metabolism/ GLYCOGEN, metabolism/ IN VITRO/ \*LINSEED, pharmacodynamics/ \*LIPIDS, pharmacodynamics/ \*OILS, pharmacodynamics/ \*OLEIC ACID, pharmacodynamics/ \*PARAFFIN, pharmacodynamics/ PHAGOCYTOSIS/ SILICONES/ \*TRIOLEIN, pharmacodynamics
6866. Weber E, Pfeleiderer T, Feder U, et al: Über die Wirkung von Lipidemulsionen auf Blutplättchen. 3. Verhalten von ATP, Glykogen und Glukoseverbrauch. Thromb Diath Haemorrh 23:99-109, 28 Feb 70 (Ger)  
\*ADENOSINE TRIPHOSPHATE, blood/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ \*BLOOD SUGAR, metabolism/ EMULSIONS/ \*GLYCOGEN, blood/ LINSEED, pharmacodynamics/ \*LIPIDS, pharmacodynamics/ OLEIC ACID, pharmacodynamics/ PARAFFIN, pharmacodynamics/ SILICONES, pharmacodynamics/ SWINE/ TRIOLEIN, pharmacodynamics
6867. Weber G, Stetter H, Sessner SS: Intravascular fibrinolysis in the treatment of third-degree burns. German Med Monthly 14:592 passim, Dec 69  
ADULT/ ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BURNS, blood/ \*BURNS, drug therapy/ BURNS, enzymology/ ELECTROLYTES, blood/ FIBRINOLYSIS/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ MIDDLE AGE/ \*STREPTOKINASE, therapeutic use/ UREA, blood
6868. Webster GC: Comparison of direct spectrophotometric methods for the measurement of protein concentration. Biochim Biophys Acta 207:371-3, 26 May 70  
CHYMOTRYPSIN, analysis/ CYTOCHROMES, analysis/ HEMOGLOBIN, analysis/ METHODS/ MURAMIDASE, analysis/ OVALBUMIN, analysis/ PEPsin, analysis/ \*PROTEINS, analysis/ SERUM ALBUMIN, BOVINE, analysis/ \*SPECTROPHOTOMETRY
6869. Webster WP, Roberts HR: Dental treatment of patients with hemorrhagic disorders. Bibl Haemat 34:139-48, 1970  
ANESTHESIA, DENTAL/ ANESTHESIA, LOCAL/ BANDAGES/ BLOOD TRANSFUSION/ CURETTAGE/ DENTAL CAVITY PREPARATION/ DENTAL PROPHYLAXIS/ DENTAL PULP CAPPING/ DENTURE, PARTIAL, FIXED/ DMF INDEX/ \*HEMOPHILIA/ HEMOSTASIS/ HUMAN/ MALE/ \*MOUTH DISEASES, therapy/ PERIODONTAL DISEASES, therapy/ PREOPERATIVE CARE/ PULPECTOMY/ \*TOOTH DISEASES, therapy/ TOOTH EXTRACTION
6870. Webster WS, Clarkson TB, Lofland HB: Carbon monoxide-aggravated atherosclerosis in the squirrel monkey. Exp Molec Path 13:36-50, Aug 70  
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS/ \*CARBON MONOXIDE, pharmacodynamics/ \*CHOLESTEROL, pharmacodynamics/ CLOT RETRACTION/ \*CORONARY DISEASE, pathology/ \*CORONARY VESSELS, drug effects/ DIET, ATHEROGENIC/ ELECTROCARDIOGRAPHY/ ELECTROPHORESIS/ FEMALE/ HEMATOCRIT/ HEMOGLOBINOMETRY/ MONKEYS/ PROTHROMBIN TIME
6871. Wedell J, Ringier W, Brüster H, et al: Neue Behandlungswege bei grossen chirurgischen Eingriffen an Patienten mit Hämophilie A. Deutsch Med Wschr 94:2539-44, 5 Dec 69 (Ger)  
ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FACTOR VIII/ FREEZING/ HEMATOMA, surgery/ HEMOPHILIA, mortality/ \*HEMOPHILIA, surgery/ HEMORRHAGE, drug therapy/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PLASMA/ PLASMA, analysis/ \*POSTOPERATIVE COMPLICATIONS, prevention & control/ \*PREOPERATIVE CARE/ PROGNOSIS
6872. Wedgwood D: The fibrinolytic system with special reference to its relevance to oral surgery. Brit J Oral Surg 8:82-92, Jul 70  
ADULT/ \*FIBRINOLYSIS/ \*HEMORRHAGE, ORAL, etiology/ HUMAN/ MALE/ \*SALIVA, physiopathology/ \*SURGERY, ORAL, adverse effects
6873. Wedler FC, Killian FL, Bender ML: Reaction of acetyl-alpha-chymotrypsin and other esters with an ionizable nucleophile, monoisobutylacetone. Proc Nat Acad Sci USA 65:1120-6, Apr 70



## AUTHOR SECTION

- CHEMISTRY/ \*CHYMOTRYPSIN/ ESTERS/  
HYDROGEN-ION CONCENTRATION/  
IMIDAZOLES/ \*KETONES/ NITROPHENOLS/  
\*OXIMES/ SPECTROPHOTOMETRY
6874. Wee GC, Shieber W: Painless evacuation of subungual hematoma. Surg Gynec Obstet 131:531, Sep 70  
DRAINAGE/ \*HEMATOMA, surgery/ HUMAN/  
METHODS/ \*NAILS, surgery/ TREPHINING
6875. Weed RI: The importance of erythrocyte deformability. Amer J Med 49:147-50, Aug 70 (45 ref.)  
ADENOSINE TRIPHOSPHATASE, metabolism/  
ADENOSINE TRIPHOSPHATE, metabolism/  
\*BLOOD CIRCULATION/ BLOOD VISCOSITY/  
CALCIUM, metabolism/ \*CAPILLARIES/ CELL  
MEMBRANE/ CELL MOVEMENT/  
ERYTHROCYTE AGING/ \*ERYTHROCYTES/  
ERYTHROCYTES, physiology/ HEINZ BODIES/  
HEMATOCRIT/ HEMOGLOBIN/  
HEMOGLOBINOPATHIES, blood/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
MACROGLOBULINS, metabolism/  
MAGNESIUM, metabolism/  
MICROCIRCULATION/ OXYGEN, blood/  
OXYGEN CONSUMPTION/ REVIEW/ SPLEEN,  
blood supply/ SURFACE PROPERTIES/  
VASCULAR RESISTANCE
6876. Weekes LR, Deukmedjian AG: Thromboembolic disease in pregnancy. Amer J Obstet Gynec 107:649-50, 15 Jun 70  
FEMALE/ HEPARIN, therapeutic use/  
HUMAN/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, CARDIOVASCULAR/  
PREGNANCY COMPLICATIONS,  
CARDIOVASCULAR, drug therapy/  
\*THROMBOEMBOLISM/ THROMBOEMBOLISM,  
drug therapy
6877. Weetall HH: Trypsin and papain covalently coupled to porous glass: preparation and characterization. Science 166:615-7, 31 Oct 69  
CHEMISTRY/ \*GLASS/ HEAT/ \*PAPAIN/  
SOLUBILITY/ \*TRYPSIN
6878. Wegmann R, Léger L, Monsallier F, et al: Etude métabolique cellulaire d'un foie humain d'hépatite fulminante et d'un foie de babouin transplanté en hétérotopie sur les vaisseaux fémoraux de la patiente. C R Acad Sci [D] (Paris) 269:2113-6, 24 Nov 69 (Fre)  
AMMONIA, blood/ ANIMAL EXPERIMENTS/  
BLOOD COAGULATION FACTORS/ \*BLOOD  
VESSELS, surgery/ \*FEMORAL ARTERY/  
\*FEMORAL VEIN/ HEPATITIS, pathology/  
\*HEPATITIS, therapy/  
HISTOCYTOCHEMISTRY/ HUMAN/ LIVER,  
enzymology/ \*LIVER, metabolism/ LIVER,  
pathology/ \*LIVER, transplantation/ MONKEYS
6879. Wegner H, Bergmann A: Weitere experimentelle Untersuchungen an Präparaten nach einer modifizierten Methode zur Darstellung des Faktors VIII (AHG) durch Gefrierpräzipitation. II. Folia Haemat (Leipzig) 93:320-6, 1970 (Ger)  
BLOOD COAGULATION FACTORS, analysis/  
BLOOD PRESERVATION/ BLOOD PROTEIN  
ELECTROPHORESIS/ BLOOD PROTEINS,  
analysis/ \*CENTRIFUGATION/ \*FACTOR VIII,  
isolation & purification/ \*FREEZING/  
HUMAN/ METHODS/ \*PRECIPITATION
6880. Wegner H, Breidenbach H: Präparation und therapeutische Anwendung von Thrombozyten-Konzentraten. Folia Haemat (Leipzig) 92:582-7, 1969 (Ger)  
ACIDS/ \*BLOOD PLATELETS/ \*BLOOD  
PRESERVATION/ BLOOD TRANSFUSION/  
CHLORIDES/ CITRATES/ EDTA/  
EXTRACORPOREAL CIRCULATION/  
GLUCOSE/ HEMODIALYSIS/ HEMORRHAGE,  
GASTROINTESTINAL, therapy/ HUMAN/  
KIDNEY FAILURE, ACUTE, therapy/  
MAGNESIUM/ NEOPLASMS, therapy/  
POSTOPERATIVE COMPLICATIONS, therapy/  
SORBOSE/ SPLENECTOMY/  
THROMBELASTOGRAPHY/ THROMBOPENIA,  
immunology/ THROMBOPENIA, therapy
6881. Wegrzecki T: Agglutinationspasten-eine neue Methode zur Stabilisierung. Folia Haemat (Leipzig) 92:415-7, 1969 (Ger)  
ABO FACTORS/ \*BLOOD PRESERVATION/  
\*GLYCERIN/ HISTOCOMPATIBILITY  
TESTING/ HUMAN/ \*IMMUNE SERUMS/  
IMMUNE SERUMS, standards/ METHODS/ RH  
FACTORS
6882. Wehinger H, Künzer W: Hämolytisch-urämisches Syndrom. Klin Wschr 47:445-7, 1 May 69 (66 ref.) (Ger)  
ADULT/ ANEMIA, HEMOLYTIC, blood/  
\*ANEMIA, HEMOLYTIC, complications/  
ANEMIA, HEMOLYTIC, etiology/ ANEMIA,  
HEMOLYTIC, occurrence/ ANEMIA,  
HEMOLYTIC, therapy/ BLOOD  
COAGULATION/ ENGLISH ABSTRACT/  
FEMALE/ HEMOLYSIS/ HUMAN/ INFANT,  
NEWBORN/ KIDNEY FAILURE, ACUTE,  
blood/ \*KIDNEY FAILURE, ACUTE,  
complications/ KIDNEY FAILURE, ACUTE,  
etiology/ KIDNEY FAILURE, ACUTE,  
occurrence/ KIDNEY FAILURE, ACUTE,  
therapy/ MALE/ PROGNOSIS/ REVIEW/  
THROMBOPENIA, blood/ \*THROMBOPENIA,  
complications/ THROMBOPENIA, etiology/  
THROMBOPENIA, occurrence/  
THROMBOPENIA, therapy
6883. Wehrli N: La thérapeutique fibrinolytique. Rev Infirm Assist Soc 19:977-80, Oct 69 (Fre)  
FIBRINOLYTIC AGENTS, therapeutic use/  
SPECIAL LIST NURSING
6884. Wehrli N: Les anticoagulants oraux: anti-vitamines K. Rev Infirm Assist Soc 20:293-8, Mar 70 (Fre)  
ANTICOAGULANTS/ SPECIAL LIST  
NURSING/ VITAMIN K
6885. Weigensberg BI: Effects of four variations of a surfactant polymer on experimental atherosclerosis in rabbits. J Atheroscler Res 10:291-301, Nov-Dec 69  
ANIMAL EXPERIMENTS/ \*AORTIC  
DISEASES, drug therapy/ AORTIC DISEASES,  
mortality/ \*ARTERIOSCLEROSIS,  
drug therapy/ ARTERIOSCLEROSIS, mortality/  
BODY WEIGHT/ CHOLESTEROL/  
CHOLESTEROL, blood/ DIET, ATHEROGENIC/  
ESTERS, blood/ KIDNEY, pathology/ LIVER,  
pathology/ MALE/ MYOCARDIUM, pathology/  
OILS/ ORGAN WEIGHT/ POLYETHYLENES,  
therapeutic use/ RABBITS/ SPLEEN,  
pathology/ \*SURFACE-ACTIVE AGENTS,  
therapeutic use
6886. Weinberg AG, Bolande RP: The liver in congenital heart disease. Effects of infantile coarctation of the aorta and the hypoplastic left heart syndrome in infancy. Amer J Dis Child 119:390-4, May 70  
\*AORTIC COARCTATION, complications/  
AUTOPSY/ \*HEART DEFECTS, CONGENITAL,  
complications/ HEMORRHAGIC DISEASE OF  
NEWBORN, drug therapy/ HEMORRHAGIC  
DISEASE OF NEWBORN, etiology/ HUMAN/  
INFANT, NEWBORN/ LIVER, pathology/  
\*LIVER DISEASES, etiology/ NECROSIS,  
etiology/ VITAMIN K, therapeutic use
6887. Weinberger MM, Oleinick A: Congenital marrow dysfunction in Down's syndrome. J Pediat 77:273-9, Aug 70  
ADULT/ BIRTH WEIGHT/ BLOOD  
PLATELETS/ \*BONE MARROW, abnormalities/  
CAUCASIAN RACE/ FEMALE/ HEMATOCRIT/  
HEMOGLOBIN/ HUMAN/ INFANT,  
NEWBORN/ LEUKEMIA, LYMPHOBLASTIC,  
blood/ LEUKEMIA, LYMPHOBLASTIC,  
complications/ LEUKEMIA, MYELOBLASTIC,  
blood/ LEUKEMIA, MYELOBLASTIC,  
complications/ LEUKEMIA, MYELOCYTIC,  
blood/ LEUKEMIA, MYELOCYTIC,  
complications/ LEUKEMOID REACTION,  
blood/ LEUKEMOID REACTION,  
complications/ MALE/ MATERNAL AGE/  
MONGOLISM, blood/ \*MONGOLISM,  
complications/ MONGOLISM, occurrence/  
NEGROES/ PLACENTA/ POLYCYTHEMIA,  
blood/ \*POLYCYTHEMIA, complications/  
POLYCYTHEMIA, occurrence/ PREGNANCY/



# AUTHOR SECTION

- THROMBOCYTOSIS, blood/  
THROMBOCYTOSIS, complications
6888. Weiner DS, Macnab I: The use of chymopapain in degenerative disc disease: a preliminary report. *Canad Med Ass J* 102:1252-6, 6 Jun 70  
ADULT/ AGED/ FEMALE/ HUMAN/  
INJECTIONS/ \*INTERVERTEBRAL DISK  
DISPLACEMENT, drug therapy/ LUMBAR  
VERTEBRAE/ MALE/ METHODS/  
MYELOGRAPHY/ PEPTIDE HYDROLASES,  
administration & dosage/ \*PEPTIDE  
HYDROLASES, therapeutic use
6889. Weiner M: Drug interaction.  
*New Eng J Med* 283:871-2, 15 Oct 70  
BINDING SITES/ CHLORAL HYDRATE,  
pharmacodynamics/ \*DRUG SYNERGISM/  
DRUGS, administration & dosage/ HUMAN/  
PROTEIN BINDING/ SERUM ALBUMIN,  
metabolism/ WARFARIN, pharmacodynamics
6890. Weinrach RS: Management of chronic idiopathic thrombocytopenic purpura.  
*Arizona Med* 27:72-5, Apr 70  
\*AUTOIMMUNE DISEASES, drug therapy/  
FEMALE/ HUMAN/ \*IMMUNOSUPPRESSIVE  
AGENTS, therapeutic use/ MIDDLE AGE/  
\*PURPURA, THROMBOGENIC, drug therapy
6891. Weirich J, Micheels KH: Nachweis der toxischen Wirkung von Daraprim auf die Hämapoese im Reexpositionsversuch.  
*Deutsch Gesundh* 24:2370-4, 11 Dec 69 (Ger)  
ADOLESCENCE/ ENGLISH ABSTRACT/  
FEMALE/ \*HEMATOPOIESIS, drug effects/  
HUMAN/ METHEMOGLOBIN, analysis/  
\*PYRIMETHAMINE, adverse effects/  
PYRIMETHAMINE, pharmacodynamics/  
SULFAMETHAZINE, adverse effects/  
\*THROMBOGENIA, chemically induced
6892. Weiss G, Beller FK: Tissue activator of the fibrinolytic enzyme in the female reproductive system.  
*Obstet Gynec* 34:809-19, Dec 69  
CERVIX UTERI, analysis/ ENDOMETRIUM,  
analysis/ ENZYME ACTIVATION/ FALLOPIAN  
TUBES, analysis/ FEMALE/ \*FIBRINOGEN,  
analysis/ \*GENITALIA, FEMALE, analysis/  
HUMAN/ OVARY, analysis/ \*PLASMINOGEN,  
analysis/ POLYPS, enzymology/  
RADIOAUTOGRAPHY/ UTERINE  
NEOPLASMS/ UTERUS, analysis/ VAGINA,  
analysis
6893. Weiss HJ: Rattlesnake bite. *Lancet* 2:156, 18 Jul 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION, drug effects/ DOGS/  
FIBRINOGEN, analysis/ HUMAN/ MICE/  
MONKEYS/ \*SNAKE BITES, blood/ \*VENOMS,  
pharmacodynamics
6894. Weiss HJ: Aspirin, platelets and hemostasis.  
*New Eng J Med* 283:597, 10 Sep 70  
ASPIRIN, adverse effects/ \*ASPIRIN,  
diagnostic use/ ASPIRIN, pharmacodynamics/  
BLOOD COAGULATION, drug effects/  
\*BLOOD PLATELETS/ BLOOD PLATELETS,  
drug effects/ \*HEMOSTASIS/ HUMAN
6895. Weiss HJ: Aspirin ingestion compared with bleeding disorders--search for a useful platelet antiaggregant.  
*Blood* 35:333-40, Mar 70  
ADENINE NUCLEOTIDES, metabolism/  
\*ASPIRIN, pharmacodynamics/ \*BLOOD  
COAGULATION DISORDERS, blood/ BLOOD  
COAGULATION TESTS/ \*BLOOD PLATELET  
DISORDERS, blood/ \*BLOOD PLATELETS,  
drug effects/ BLOOD PLATELETS,  
metabolism/ \*CELL AGGREGATION, drug  
effects/ HUMAN/ PLATELET  
ADHESIVENESS/ THROMBOSIS, prevention &  
control/ VON WILLEBRAND'S DISEASE,  
blood
6896. Weiss HJ, Allan S, Davidson E, et al: Afibrinogenemia in man following the bite of a rattlesnake (*Crotalus adamanteus*). *Amer J Med* 47:625-34, Oct 69  
\*AFIBRINOGENEMIA, etiology/ BLOOD CELL  
COUNT/ BLOOD COAGULATION FACTORS/  
BLOOD PLATELETS/ FIBRINOGEN, blood/  
FIBRINOLYSIS, drug effects/ HUMAN/  
IMMUNOELECTROPHORESIS/ MALE/ MIDDLE  
AGE/ \*SNAKE BITES, complications/ SNAKE  
BITES, occurrence/ SNAKE BITES, therapy/  
UNITED STATES/ VENOMS,  
pharmacodynamics
6897. Weiss HJ, Chervenick PA, Zalusky R, et al: A familial defect in platelet function associated with impaired release of adenosine diphosphate.  
*New Eng J Med* 281:1264-70, 4 Dec 69  
\*ADENINE NUCLEOTIDES, blood/ ADENINE  
NUCLEOTIDES, metabolism/ ADENOSINE  
TRIPHOSPHATE, blood/ ADULT/ ASPIRIN,  
pharmacodynamics/ BLOOD COAGULATION,  
drug effects/ BLOOD COAGULATION TESTS/  
BLOOD PLATELET DISORDERS, blood/  
\*BLOOD PLATELET DISORDERS, familial &  
genetic/ BLOOD PLATELET DISORDERS,  
physiopathology/ BLOOD PLATELETS,  
analysis/ BLOOD PLATELETS, cytology/  
BLOOD PLATELETS, metabolism/ \*BLOOD  
PLATELETS, physiopathology/ CELL  
AGGREGATION/ CHILD/ CLOT  
RETRACTION/ CONNECTIVE TISSUE/  
EPINEPHRINE, pharmacodynamics/ FEMALE/  
GENES, DOMINANT/ HUMAN/ IN VITRO/  
KAOLIN, pharmacodynamics/ LIPIDS,  
pharmacodynamics/ MALE/ MIDDLE AGE/  
PEDIGREE/ PLATELET ADHESIVENESS/  
TEMPERATURE/ THROMBOPLASTIN,  
metabolism
6898. Weiss HJ, Kochwa S: Molecular forms of antithrombin globulin in plasma, cryoprecipitate and after thrombin activation.  
*Brit J Haemat* 18:89-100, Jan 70  
ADULT/ CENTRIFUGATION, DENSITY  
GRADIENT/ COLD/ \*FACTOR VIII, analysis/  
FIBRINOGEN/ HUMAN/ MACROGLOBULINS/  
MIDDLE AGE/ MOLECULAR WEIGHT/  
PRECIPITATION/ THROMBIN
6899. Weissmann G, Hirschhorn R: Effect of trypsin and phytohemagglutinin on template capacity of mammalian nuclei for RNA polymerase.  
*Mount Sinai J Med NY* 37:192-205, May-Jun 70  
ANIMAL EXPERIMENTS/ \*CELL NUCLEUS,  
metabolism/ \*LIVER, enzymology/ LIVER  
FUNCTION TESTS/ LYMPHOCYTES,  
immunology/ \*PLANT AGGLUTININS,  
pharmacodynamics/ RABBITS/ \*RNA  
NUCLEOTIDYL- TRANSFERASES, metabolism/  
\*TEMPLATES/ \*TRYPSIN, pharmacodynamics
6900. Welch MH, Richardson RH, Whitcomb WH, et al: The lung scan in alpha-1-antitrypsin deficiency.  
*J Nucl Med* 10:687-90, Nov 69  
HUMAN/ METABOLISM, INBORN ERRORS,  
complications/ \*METABOLISM, INBORN  
ERRORS, diagnosis/ PULMONARY  
CIRCULATION/ PULMONARY EMPHYSEMA,  
complications/ \*PULMONARY EMPHYSEMA,  
diagnosis/ \*RADIOISOTOPE SCANNING/  
\*TRYPSIN INHIBITORS
6901. Welch PC, Hartman RE: Effect of carbon dioxide on the aspartic acid requirement for proteinase biosynthesis by *Streptococcus faecalis* var. *liquefaciens*.  
*J Bact* 100:1138-9, Nov 69  
\*ASPARTIC ACID, metabolism/ \*CARBON  
DIOXIDE, pharmacodynamics/ \*PEPTIDE  
HYDROLASES, biosynthesis/ STREPTOCOCCUS  
FAECALIS, drug effects/ \*STREPTOCOCCUS  
FAECALIS, enzymology/ STREPTOCOCCUS  
FAECALIS, metabolism
6902. Welch RB: The use of cryosurgery in the treatment of fundus lesions other than detachments.  
*Trans Amer Acad Ophthal Otolaryng* 73:1035-40, Nov-Dec 69  
ANGIOMATOSIS, surgery/ CHORIORETINITIS,  
surgery/ \*CRYOGENIC SURGERY/ EXUDATES  
AND TRANSUDATES/ EYE DISEASES,  
surgery/ FUNDUS OCULI/ HUMAN/ LIGHT  
COAGULATION/ \*RETINA/ RETINAL  
DETACHMENT, surgery/ RETINITIS, surgery/  
VASCULAR DISEASES, surgery



# AUTHOR SECTION

6903. Welch RM, Harrison YE, Conney AH, et al: An experimental model in dogs for studying interactions of drugs with bishydroxycoumarin. *Clin Pharmacol Ther* 10:817-25, Nov-Dec 69  
ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, blood/ BISHYDROXYCOUMARIN, metabolism/ \*BISHYDROXYCOUMARIN, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ BLOOD PROTEINS, metabolism/ DOGS/ \*DRUG ANTAGONISM/ DRUG SYNERGISM/ MALE/ PHENOBARBITAL, blood/ PHENOBARBITAL, pharmacodynamics/ PHENYLBUTAZONE, blood/ PHENYLBUTAZONE, pharmacodynamics/ PROTHROMBIN TIME/ TOLBUTAMIDE, blood/ TOLBUTAMIDE, pharmacodynamics
6904. Weller P, Hanke P, Kujat G, et al: Dosierung und Dauer der Streptokinasebehandlung beim Herzinfarkt. *Folia Haemat (Leipzig)* 92:33-7, 1969 (Ger)  
AMINOTRANSFERASES, blood/ BLOOD COAGULATION TESTS/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ MYOCARDIAL INFARCT, complications/ \*MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, enzymology/ SHOCK, etiology/ \*STREPTOKINASE, administration & dosage/ TIME FACTORS
6905. Wellmann KF, Volk BW: Experimental atherosclerosis in normal and subdiabetic rabbits. I. Short-term studies. *Arch Path (Chicago)* 90:206-17, Sep 70  
\*ALLOXAN DIABETES, complications/ ALLOXAN DIABETES, pathology/ ANIMAL EXPERIMENTS/ \*ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, pathology/ BLOOD SUGAR/ CHOLESTEROL/ CHOLESTEROL, blood/ \*CORONARY DISEASE, complications/ CORONARY DISEASE, pathology/ \*CORONARY VESSELS, pathology/ CORTISONE/ DIABETES MELLITUS, chemically induced/ DIET, ATHEROGENIC/ FATTY ACIDS, NONESTERIFIED, blood/ LIPIDS, blood/ MICROSCOPY, ELECTRON/ MYOCARDIUM, pathology/ PHOSPHOLIPIDS, blood/ RABBITS/ STAINS AND STAINING
6906. Wells R: Syndromes of hyperviscosity. *New Eng J Med* 283:183-6, 23 Jul 70 (19 ref.)  
\*BLOOD VISCOSITY/ ERYTHROCYTES, physiopathology/ ERYTHROCYTES, ABNORMAL/ HEMATOCRIT/ \*HEMATOLOGIC DISEASES/ HEMATOLOGIC DISEASES, metabolism/ HEMATOLOGIC DISEASES, physiopathology/ HUMAN/ MACROGLOBULINEMIA, physiopathology/ OXYGEN CONSUMPTION/ PLASMAPHERESIS/ POLYCYTHEMIA, physiopathology/ REVIEW/ RHEOLOGY
6907. Wendt WP: Hemorrhagic disorders in gynecology. *Nebraska Med J* 55:5-9, Jan 70  
CASE REPORT/ FEMALE/ \*HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MIDDLE AGE/ PREGNANCY/ \*PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ \*VON WILLEBRAND'S DISEASE, complications
6908. Wenger J, Huffman RT, Landy MS: Persistent blood loss from the stomach of patients with cirrhosis and esophageal varices. *Southern Med J* 63:560-6, May 70  
ADULT/ AGED/ ASCITES/ BILIRUBIN, blood/ BLOOD PLATELET DISORDERS/ BLOOD PROTEINS, analysis/ BLOOD TRANSFUSION/ ENDOSCOPY/ ENZYMES, blood/ \*ESOPHAGEAL VARICES, complications/ ESOPHAGEAL VARICES, radiography/ GASTRIC MUCOSA, physiopathology/ GASTRITIS, complications/ HEMATOCRIT/ \*HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ HYPERTENSION, PORTAL, complications/ \*LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ OCCULT BLOOD/ SPLENECTOMY/ SPLENIC DISEASES, complications
6909. Wenger NK: Pulmonary embolism and the urokinase pulmonary embolism trial. *J Med Ass Georgia* 59:161-2, Apr 70  
CLINICAL RESEARCH/ \*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ \*PULMONARY EMBOLISM, drug therapy
6910. Wenk K, Blobel H: Untersuchungen an "Leukozydinen" von Staphylokokken verschiedener Herkunft. *Zbl Bakt [Orig]* 213:479-87, May 70 (Ger)  
CATTLE/ COAGULASE, metabolism/ DOGS/ DYE DILUTION TECHNIC/ ENGLISH ABSTRACT/ FILTRATION/ GUINEA PIGS/ HEMOLYSINS, analysis/ HORSES/ HUMAN/ \*LEUKOCIDIN/ LEUKOCIDIN, analysis/ LEUKOCIDIN, biosynthesis/ LEUKOCYTES, drug effects/ MICE/ MICROSCOPY, PHASE CONTRAST/ RABBITS/ SARCODINA, drug effects/ SHEEP/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ \*STAPHYLOCOCCUS, metabolism/ SWINE
6911. Went J, Whitehead TP: Automated serum carbon dioxide content determinations as a screening test for disorders of the acid-base state. *Clin Chim Acta* 26:559-66, Dec 69  
\*ACID-BASE EQUILIBRIUM/ ACIDOSIS, diagnosis/ ADULT/ ALKALOSIS, diagnosis/ AUTOANALYSIS/ BICARBONATES, blood/ BLOOD PRESERVATION/ \*CARBON DIOXIDE, blood/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY DISEASES, blood/ MALE/ MASS SCREENING/ METHODS/ MIDDLE AGE/ PARTIAL PRESSURE/ TIME FACTORS
6912. Went LN, De Groot WP, Sanger R, et al: X-linked ichthyosis: linkage relationship with the Xg blood groups and other studies in a large Dutch kindred. *Ann Hum Genet* 32:333-45, May 69  
ADOLESCENCE/ ADULT/ ALLELES/ \*BLOOD GROUPS/ CHILD/ CHILD, PRESCHOOL/ COLOR BLINDNESS, familial & genetic/ FEMALE/ GENES/ HEMOPHILIA, familial & genetic/ HETEROZYGOTE/ HUMAN/ \*ICHTHYOSIS, familial & genetic/ INFANT/ MALE/ MIDDLE AGE/ NETHERLANDS/ RECOMBINATION, GENETIC/ \*SEX CHROMOSOMES
6913. Wenžeckí T: Nový způsob křátenia diagnostických syvorotok, přednáznačenných dlia opredelenia antigenov érirotsítov. *Probl Gemat* 13:50-1, May 68 (Rus)  
BLOOD GROUPS/ \*BLOOD PRESERVATION/ \*ERYTHROCYTES, immunology/ HUMAN/ \*ISOANTIGENS, analysis/ METHODS/ SERODIAGNOSIS
6914. Wenzel DG, Richards MH: Decreased thrombus formation in rats after chronic nicotine administration. *Europ J Pharmacol* 10:143-4, Apr 70  
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ FEMALE/ \*NICOTINE, administration & dosage/ RATS/ THROMBIN, pharmacodynamics/ THROMBOSIS, chemically induced/ \*THROMBOSIS, metabolism/ TIME FACTORS
6915. Wenzel E, Christ G: Untersuchungen über die Entstehung von Ammoniak im Zitratplasma nach Rekalzifizierung. *Thromb Diath Haemorrh* 22:575-6, 31 Dec 69 (Ger)  
ACETATES, pharmacodynamics/ \*AMMONIA, blood/ \*CALCIUM, blood/ \*CITRATES, blood/ ETHYLMALAIMIDE, pharmacodynamics/ FACTOR XIII, antagonists & inhibitors/ FIBRINOGEN, analysis/ HUMAN/ ION EXCHANGE RESINS/ SODIUM, pharmacodynamics
6916. Werle E: Chemie und Pharmakologie der Plasmakine und ihre physiologische und pathologische Bedeutung. *Med Welt* 2:53-62, 10 Jan 70 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CARDIOVASCULAR SYSTEM, drug effects/ CHEMISTRY/ DOGS/ EDEMA, etiology/ GUINEA PIGS/ HUMAN/ KININS,



# AUTHOR SECTION

- biosynthesis/ \*KININS, blood/ KININS, pharmacodynamics/ KININS, physiology/ MUSCLES, drug effects/ PANCREATITIS, etiology
6917. Werle E: Chemie und Wirkungsweise des Trasylol. Langenbecks Arch Chir 325:284-8, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BINDING SITES/ CHEMISTRY/ ENGLISH ABSTRACT/ KALLIKREIN-TRYPSIN INACTIVATOR/ \*KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ RATS
6918. Westhoff DC, Cowman RA: Influence of the growth medium on the proteinase system of Streptococcus lactis no. 3. J Dairy Sci 53:1286-7, Sep 70  
BACTERIOLOGICAL TECHNIQUES/ CELL MEMBRANE, enzymology/ \*CULTURE MEDIA/ NITROGEN, metabolism/ PEPTIDE HYDROLASES, analysis/ \*PEPTIDE HYDROLASES, metabolism/ \*STREPTOCOCCUS, enzymology/ STREPTOCOCCUS, growth & development/ STREPTOCOCCUS, metabolism
6919. Wetterlow LH, Edsall G: The effect of benzethonium chloride on the antigens of pertussis vaccine. Int Arch Allerg 37:143-53, 1970  
\*AMMONIUM COMPOUNDS, pharmacodynamics/ ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ \*ANTIGENS/ BLOOD PRESERVATION/ BORDETELLA PERTUSSIS, immunology/ CHLORIDES/ FEMALE/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HISTAMINE LIBERATION, drug effects/ IMMUNITY, ACTIVE, drug effects/ MICE/ \*PERTUSSIS VACCINE/ PERTUSSIS VACCINE, standards/ RABBITS
6920. Weyer FG: Bemerkungen zum Aufsatz von Herrn Dr. E. Maurer, München: "Die ambulante Behandlung mit Anticoagulantien". Internist (Berlin) 10:Suppl:37-9, Aug 69 (Ger)  
AMBULATORY CARE/ \*ANTICOAGULANTS, therapeutic use/ HUMAN/ METHODS/ PRIVATE PRACTICE/ \*PROTHROMBIN TIME
6921. Weymouth RJ, Seibel HR, Lee HM, et al: The glomerulus in man one hour after transplantation. An electron microscopic study. Amer J Path 58:85-104, Jan 70  
BASEMENT MEMBRANE/ BIOPSY/ EPITHELIUM/ FIBRIN, analysis/ HUMAN/ \*KIDNEY, transplantation/ \*KIDNEY GLOMERULUS, pathology/ LEUKOCYTES/ TIME FACTORS/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ \*TRANSPLANTATION IMMUNOLOGY
6922. Whayne TF Jr, Felts JM: Activation of lipoprotein lipase. Comparative study of man and other mammals. Circ Res 26:545-51, May 70  
ANIMAL EXPERIMENTS/ \*BIOCHEMISTRY/ DOGS/ ENZYME ACTIVATION/ GUINEA PIGS/ \*HEPARIN, pharmacodynamics/ \*LIPOPROTEIN LIPASE/ LIPOPROTEINS/ RABBITS/ RATS/ RODENTS/ SPECIES SPECIFICITY/ TRIGLYCERIDES
6923. Wheelock FC Jr, Filtzer HS: Femoral grafts in diabetics. Resulting conservative amputations. Arch Surg (Chicago) 99:776-80, Dec 69  
ADULT/ AGED/ \*AMPUTATION/ \*ARTERIOSCLEROSIS, surgery/ \*DIABETIC ANGIOPATHIES, surgery/ FEMALE/ \*FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ TRANSPLANTATION, AUTOLOGOUS/ \*VEINS, transplantation/ WARFARIN, therapeutic use
6924. Whistler RL, Towle GA: Anticoagulant activity of pectic acid derivatives. Arch Biochem 138:39-43, May 70  
\*ANTICOAGULANTS, pharmacodynamics/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BORON COMPOUNDS/ CHEMISTRY/ DEPRESSION, CHEMICAL/ DIMETHYLFORMAMIDE/ HUMAN/ IMINES/ MOLECULAR WEIGHT/ NITROGEN/ OSMOSIS/ \*PECTINS, pharmacodynamics/ \*POLYSACCHARIDES, pharmacodynamics/ PROPIONATES/ SULFURIC ACIDS, pharmacodynamics/ TIME FACTORS
6925. Whitaker AN, McKay DG: Induction of hypotension in rhesus monkeys and rabbits by intravenous thrombin infusion. Lab Invest 20:79-86, Jan 69  
\*AFIBRINOGENEMIA, complications/ ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION DISORDERS, complications/ EPINEPHRINE, diagnostic use/ FEMALE/ HISTAMINE LIBERATION/ \*HYPOTENSION, etiology/ INFUSIONS, PARENTERAL/ MALE/ MONKEYS/ PULMONARY EMBOLISM, complications/ PULMONARY HEART DISEASE, complications/ RABBITS/ SEROTONIN, secretion/ SHOCK, etiology/ \*THROMBIN/ THROMBOPENIA, complication
6926. Whitaker JR: Ficin- and papain-catalyzed reactions. Changes in reactivity of the essential sulfhydryl groups in the presence of substrates and competitive inhibitors. Biochemistry (Wash) 8:4591-7, Nov 69  
ALKYLATING AGENTS/ AMIDES/ AMINO ACIDS/ BENZOATES/ BINDING SITES/ CHEMISTRY/ ESTERS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ METHODS/ OSMOLAR CONCENTRATION/ \*PAPAIN/ PAPAIN, antagonists & inhibitors/ \*PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ \*PLANTS, enzymology/ \*SULFHYDRYL COMPOUNDS
6927. Whitaker RH, Cowie AG, Aitken IW: Postoperative fibrinolysis. Brit Med J 1:238-9, 24 Jan 70  
FEMALE/ FEVER, chemically induced/ \*FIBRINOLYSIS/ HEAT/ HUMAN/ MIDDLE AGE/ PARATHYROID NEOPLASMS, surgery/ \*POSTOPERATIVE COMPLICATIONS, etiology/ SUCCINYLCHOLINE, adverse effects
6928. White DC: Deliberate interruption of the cerebral circulation. Int Anesth Clin 7:687-99, Fall 69 (36 r)  
ANESTHETICS, pharmacodynamics/ ANOXIA/ BLOOD PRESSURE/ BODY TEMPERATURE/ BRAIN NEOPLASMS, surgery/ CARBON DIOXIDE, pharmacodynamics/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ARTERIOVENOUS FISTULA, surgery/ CEREBROVASCULAR CIRCULATION/ \*CEREBROVASCULAR DISORDERS, surgery/ HEMANGIOMA, surgery/ HUMAN/ HYPOTHERMIA, INDUCED/ OXYGEN CONSUMPTION, drug effects/ REVIEW/ VASOMOTOR SYSTEM, drug effects
6929. White HB 3d, Kaplan NO: Purification and properties of two types of diphosphopyridine nucleotide-linked glycerol 3-phosphate dehydrogenases from chicken breast muscle and chicken liver. J Biol Chem 244:6031-9, 10 Nov 69  
AMINO ACIDS, analysis/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ ANTIGENS/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CRYSTALLIZATION/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GENES/ \*GLYCEROLPHOSPHATE DEHYDROGENASE/ GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ GLYCEROLPHOSPHATE DEHYDROGENASE, isolation & purification/ HEAT/ IMMUNE SERUMS/ \*LIVER, enzymology/ METHODS/ MOLECULAR WEIGHT/ \*MUSCLES, enzymology/ NAD/ PEPTIDES, analysis/ RABBITS/ TRYPSIN/ ULTRACENTRIFUGATION
6930. White JG: A biphasic response of platelets to serotonin. Scand J Haemat 7:145-51, 1970  
ADENINE NUCLEOTIDES/ ADULT/ \*BLOOD COAGULATION, drug effects/ \*BLOOD PLATELETS, drug effects/ CHILD/ CITRATES/ FEMALE/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ \*SEROTONIN, pharmacodynamics



# AUTHOR SECTION

6931. White JG: A search for the platelet secretory pathway using electron dense tracers.  
Amer J Path 58:31-49, Jan 70  
ADENINE NUCLEOTIDES/ \*BLOOD  
PLATELETS, secretion/ CELL MEMBRANE  
PERMEABILITY/ EPINEPHRINE/ HUMAN/  
LANTHANUM/ MICROSCOPY, ELECTRON/  
PLATELET ADHESIVENESS/ RUTHENIUM/  
STAINS AND STAINING/ THROMBIN
6932. White JG: The interplatelet zone.  
Amer J Path 58:19-29, Jan 70  
\*BLOOD PLATELETS/ CELL MEMBRANE/  
HUMAN/ MICROSCOPY, ELECTRON/  
PEROXIDASES/ PLATELET ADHESIVENESS/  
RUTHENIUM/ STAINS AND STAINING/  
SURFACE PROPERTIES/ THORIUM DIOXIDE
6933. White JG: Effect of atropine on platelet structure and function. Scand J Haemat 6:236-45, 1969  
ADENINE NUCLEOTIDES, metabolism/  
\*ATROPINE, pharmacodynamics/ BLOOD  
PLATELETS, cytology/ \*BLOOD PLATELETS,  
drug effects/ BLOOD PLATELETS,  
physiology/ CLOT RETRACTION/  
DENSITOMETRY/ HUMAN/ MICROSCOPY,  
ELECTRON/ PLATELET ADHESIVENESS,  
drug effects
6934. White JG, Davis RB: Alterations of platelet ultrastructure in patients with carcinoid syndrome.  
Amer J Path 56:519-31, Sep 69  
\*BLOOD PLATELETS/ HUMAN/ LIVER  
NEOPLASMS, pathology/ \*MALIGNANT  
CARCINOID SYNDROME, pathology/  
MICROSCOPY, ELECTRON/ NEOPLASM  
METASTASIS/ \*ORGANOIDS
6935. White MJ: The wonderful world of U. RN 32:47-9, Oct 69  
BLOOD COAGULATION/ HEMORRHAGE,  
physiopathology/ SPECIAL LIST NURSING
6936. White MT, Morgan A, Hopton D: Postoperative pancreatitis. A study of seventy cases.  
Amer J Surg 120:132-7, Aug 70  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ BILIARY TRACT DISEASES, surgery/  
CHILD/ CHILD, PRESCHOOL/ COMMON BILE  
DUCT, surgery/ FEMALE/  
GASTROINTESTINAL DISEASES, surgery/  
GASTROINTESTINAL SYSTEM, surgery/  
HUMAN/ INFANT/ MALE/ MIDDLE AGE/  
\*PANCREATITIS/ \*POSTOPERATIVE  
COMPLICATIONS/ POSTOPERATIVE  
COMPLICATIONS, prevention & control/  
TRYPSIN INHIBITORS, physiology
6937. Whitecar JP Jr, Bodey GP, Hill CS Jr, et al: Effect of L-asparaginase on carbohydrate metabolism.  
Metabolism 19:581-6, Aug 70  
ADRENAL GLAND NEOPLASMS, drug  
therapy/ ADRENAL GLAND NEOPLASMS,  
pathology/ ADULT/ ASPARAGINASE,  
administration & dosage/ ASPARAGINASE,  
adverse effects/ \*ASPARAGINASE,  
pharmacodynamics/ BLOOD SUGAR, analysis/  
\*CARBOHYDRATES, metabolism/ CHILD,  
PRESCHOOL/ FEMALE/ FIBRINOGEN,  
analysis/ GLUCOSE TOLERANCE TEST/  
HUMAN/ HYPERGLYCEMIA, chemically  
induced/ INSULIN, blood/ ISLANDS OF  
LANGERHANS, drug effects/ ISLANDS OF  
LANGERHANS, pathology/ LEUKEMIA, drug  
therapy/ MALE/ MIDDLE AGE/ MULTIPLE  
MYELOMA, drug therapy/  
RADIOIMMUNOASSAY/ SERUM ALBUMIN,  
analysis/ SOMATOTROPIN, blood
6938. Whitfield CD, Steers EJ Jr, Welsbach H: Purification and properties of 5-methyltetrahydropteroyltryglutamate-homocysteine transmethylase.  
J Biol Chem 245:390-401, 25 Jan 70  
AMMONIUM COMPOUNDS/ CARBON  
ISOTOPES/ CHEMISTRY/  
CHROMATOGRAPHY/ CHROMATOGRAPHY,  
ION EXCHANGE/ CRYSTALLIZATION/  
CULTURE MEDIA/ ELECTROPHORESIS,  
DISK/ ENZYME REPRESSION/ ESCHERICHIA  
COLI, drug effects/ \*ESCHERICHIA COLI,  
enzymology/ ESCHERICHIA COLI, isolation &  
purification/ FOLIC ACID/ GEL  
FILTRATION/ HOMOCYSTEINE/  
MAGNESIUM/ MATHEMATICS/ METHIONINE,  
pharmacodynamics/ METHODS/ MOLECULAR  
WEIGHT/ MUTATION/ PEPTIDES/  
PRECIPITATION/ PROTAMINES/  
SPECTROPHOTOMETRY/ \*TRANSFERASES/  
TRANSFERASES, antagonists & inhibitors/  
TRANSFERASES, biosynthesis/  
TRANSFERASES, isolation & purification/  
ULTRACENTRIFUGATION/ ULTRAVIOLET  
RAYS/ VIBRATION
6939. Wholey MH, Stockdale R, Hung TK: A percutaneous balloon catheter for the immediate control of hemorrhage. Radiology 95:65-71, Apr 70  
ANIMAL EXPERIMENTS/ BIOMEDICAL  
ENGINEERING/ CAROTID ARTERY  
DISEASES, therapy/ CAROTID ARTERY  
THROMBOSIS, complications/  
\*CATHETERIZATION, instrumentation/  
CEREBRAL ANEURYSM, complications/  
CEREBRAL HEMORRHAGE, therapy/ DOGS/  
HEMATURIA, therapy/ HEMORRHAGE,  
GASTROINTESTINAL, therapy/ \*HEMOSTASIS,  
instrumentation/ HUMAN/ ILIAC ARTERY/  
KIDNEY NEOPLASMS, complications/  
METHODS/ \*PUNCTURES/ SPLENIC ARTERY
6940. Wichert K: Wartość niektórych badań układu hemostatycznego w rozpoznawaniu hemofilii.  
Roczni Pom Akad Med Swierczewski 15:329-43, 1969  
(Pol)  
ADOLESCENCE/ ADULT/ CHILD/ CHILD,  
PRESCHOOL/ ENGLISH ABSTRACT/  
HEMOPHILIA, blood/ \*HEMOPHILIA,  
diagnosis/ HEMOSTASIS/ HUMAN/  
\*PROTHROMBIN TIME/  
\*THROMBELASTOGRAPHY
6941. Wider JA, Marshall JR: Hysterotomy and insertion of an intrauterine device for endometrial sclerosis: importance of long term followup.  
Fertil Steril 21:240-3, Mar 70  
ADHESIONS, surgery/ ADULT/  
\*ENDOMETRIUM/ FEMALE/ FLUOROCARBON  
POLYMERS/ HUMAN/ \*INTRAUTERINE  
DEVICES/ SCLEROSIS, surgery/ TIME  
FACTORS/ UTERINE DISEASES, surgery/  
\*UTERUS, surgery
6942. Wiczorek V, Brodtkorb W, Remde W: Subarachnoidalbutung bei verstärkter Fibrinolyse.  
Munchen Med Wschr 112:366-9, 27 Jan 70 (Ger)  
ADOLESCENCE/ ANTIFIBRINOLYTIC  
AGENTS, therapeutic use/ \*BLOOD  
COAGULATION DISORDERS, complications/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ ENGLISH ABSTRACT/  
\*FIBRINOLYSIS/ HUMAN/ MALE/  
SUBARACHNOID HEMORRHAGE, drug  
therapy/ \*SUBARACHNOID HEMORRHAGE,  
etiology
6943. Wiedermann D, Wiedermannová D, Vaerman JP, et al: A longitudinal study of serum alpha-1-antitrypsin, alpha-2-macroglobulin, transferrin, immunoglobulins IgG, IgA and IgM, and H- and O-agglutinin titers in children following infection with Salmonella enteritidis. J Infect Dis 121:74-7, Jan 70  
ADOLESCENCE/ ANTIBODIES, analysis/  
CHILD/ CHILD, PRESCHOOL/ GAMMA  
GLOBULIN, 7S, analysis/ GAMMA GLOBULIN,  
19S, analysis/ GEL DIFFUSION TESTS/  
HUMAN/ MACROGLOBULINS, analysis/  
\*SALMONELLA FOOD POISONING, blood/  
SALMONELLA FOOD POISONING,  
immunology/ \*SERUM GLOBULINS, analysis/  
TRANSFERRIN, analysis/ \*TRYPSIN  
INHIBITORS, blood
6944. Wiedmeier VT, Stekiel WJ, Smith JJ: The mechanism of colloid shock. J Reticuloendothel Soc 7:716-30, Jun 70  
ACID PHOSPHATASE, metabolism/ ANIMAL  
EXPERIMENTS/ BLOOD CELL COUNT/  
BLOOD FLOW VELOCITY/ BLOOD  
PLATELETS/ BLOOD PRESSURE/ COLLOIDS/  
DOGS/ FIBRINOGEN, blood/  
GLUCURONIDASE, metabolism/



# AUTHOR SECTION

- HEMATOCRIT/ LEUKOCYTE COUNT/  
PLASMA VOLUME/ \*POLYSTYRENES,  
pharmacodynamics/ \*SHOCK, chemically  
induced/ \*SILICON, pharmacodynamics
6945. Wieggershausen B, Deptalla H: Der Einfluss einiger  
Lokalanästhetika auf die erregende Wirkung von  
Bradykinin am glatten Muskel. II. Die Verstärkung  
der Bradykininkontraktion am  
Meerschweinchenileum.  
Arch Int Pharmacodyn 182:1-13, Nov 69 (Ger)  
ACETYLCHOLINE, pharmacodynamics/  
AMINOCAPROIC ACID, pharmacodynamics/  
\*ANESTHETICS, LOCAL, pharmacodynamics/  
ANGIOTENSIN, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*BRADYKININ,  
pharmacodynamics/ CAFFEINE,  
pharmacodynamics/ COCAINE,  
pharmacodynamics/ COMPARATIVE STUDY/  
DRUG SYNERGISM/ ELEDIOISIN,  
pharmacodynamics/ ENGLISH ABSTRACT/  
GUINEA PIGS/ HISTAMINE,  
pharmacodynamics/ ILEUM, drug effects/ IN  
VITRO/ LIDOCAINE, pharmacodynamics/  
MALE/ \*MUSCLE CONTRACTION, drug  
effects/ \*MUSCLE, SMOOTH/ PROCAINE,  
pharmacodynamics/ SEROTONIN,  
pharmacodynamics/ TETRACAINE,  
pharmacodynamics
6946. Wiepjes GJ, Prop FJ: Improved method for preparation  
of single-cell suspensions from mammary glands of  
adult virgin mouse. Exp Cell Res 61:451-4, Aug 70  
ANIMAL EXPERIMENTS/ CELL LINE/  
CLOSTRIDIOPETIDASE A/  
DEOXYRIBONUCLEASE/ HYALURONIDASE/  
\*MAMMAE/ METHODS/ MICE/ \*TISSUE  
CULTURE/ TRYPSIN
6947. Wiernik PH, Serpick AA: Pulmonary embolus in acute  
myelocytic leukemia. Cancer 24:581-4, Sep 69  
ADOLESCENCE/ ADULT/ BLOOD CELL  
COUNT/ BLOOD PLATELETS/ BLOOD  
TRANSFUSION/ FEMALE/ HUMAN/  
\*LEUKEMIA, MYELOBLASTIC, complications/  
LEUKEMIA, MYELOBLASTIC, therapy/  
MALE/ MIDDLE AGE/ \*PULMONARY  
EMBOLISM, etiology/ THROMBOPENIA,  
complications
6948. Wiese CF: Materialekrav til blodbeholdere.  
Nord Med 83:728-9, 1970 (Dan)  
\*BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ DENMARK/ GLASS/  
POLYVINYL
6949. Wigglesworth JS: Vascular anatomy of the human  
placenta and its significance for placental pathology.  
J Obstet Gynaec Brit Comm 76:979-89, Nov 69  
FEMALE/ FETUS, growth & development/  
FIBRIN/ HEMATOMA, pathology/ HUMAN/  
INFARCTION, pathology/ MATERNAL-FETAL  
EXCHANGE/ MATERNAL MORTALITY/  
METHODS/ PLACENTA, anatomy & histology/  
\*PLACENTA, blood supply/ \*PLACENTA,  
pathology/ PLACENTA, radiography/  
PLACENTA DISORDERS, pathology/  
PREGNANCY/ REGIONAL BLOOD FLOW/  
THROMBOSIS, pathology
6950. Wigle DT, Dixon GH: Transient incorporation of  
methionine at the N-terminus of protamine newly  
synthesized in trout testis cells.  
Nature (London) 227:676-80, 15 Aug 70  
AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ ARGININE, metabolism/  
CARBON ISOTOPES/ CYCLOHEXIMIDE,  
pharmacodynamics/ MALE/ \*METHIONINE,  
metabolism/ PEPTIDES, analysis/ PEPTIDES,  
biosynthesis/ \*PROTAMINES, biosynthesis/  
RADIOAUTOGRAPHY/ RIBOSOMES,  
metabolism/ SALMONIDAE/ SULFUR  
ISOTOPES/ TESTIS, cytology/ \*TESTIS,  
metabolism
6951. Wijnja L, Koopmans RK, Nieweg HO: The influence of  
infection on the degree of bone marrow insufficiency.  
Acta Med Scand 187:203-11, 3 Mar 70  
ADULT/ AGED/ BLOOD PLATELET  
DISORDERS/ BLOOD TRANSFUSION/ \*BONE
- MARROW DISEASES, complications/ FEMALE/  
HUMAN/ \*INFECTION, complications/  
LEUKOCYTE COUNT/ MALE
6952. Wikler M, Titani K, Putnam FW: The amino acid  
sequence of a lambda type Bence-Jones protein. II.  
Chymotryptic peptides.  
J Biol Chem 245:2158-70, 25 Apr 70  
ALKYLATION/ AMINO ACID SEQUENCE/  
AMINO ACIDS, analysis/ \*BENCE JONES  
PROTEIN/ CHROMATOGRAPHY, ION  
EXCHANGE/ CHYMOTRYPSIN/ HUMAN/  
PEPTIDES, analysis
6953. Wilimowska-Pelc A, Mejbaum-Katzenellenbogen:  
W/łaściwości antytrypsynowe białek trzustki  
hydliczej rozpuszczalnych w kwasie  
trójchloroctowym.  
Acta Pol Pharm 26:609-16, 1969 (Pol)  
ANIMAL EXPERIMENTS/ CATTLE/  
ELECTROPHORESIS/ ENGLISH ABSTRACT/  
\*PANCREATIC EXTRACTS, pharmacodynamics/  
\*PROTEINS, pharmacodynamics/  
TRICHLOROACETIC ACID/ \*TRYPSIN  
INHIBITORS, pharmacodynamics
6954. Wilkins RH, Brody IA: Sturge-Weber syndrome.  
Arch Neurol (Chicago) 21:554-6, Nov 69  
ADULT/ \*ANGIOMATOSIS, diagnosis/  
ANGIOMATOSIS, history/ CHILD/ DIAGNOSIS,  
DIFFERENTIAL/ FEMALE/ HISTORICAL  
ARTICLE/ HISTORY OF MEDICINE, 19TH  
CENT./ HISTORY OF MEDICINE, 20TH  
CENT./ HUMAN
6955. Wilkinson AE: Some aspects of thoracic trauma.  
Proc Mine Med Officers Ass 48:11-6, May-Jul 69  
BRONCHIAL SPASM, etiology/ CONTUSIONS,  
complications/ DIAPHRAGMATIC HERNIA,  
TRAUMATIC, complications/ HEART  
INJURIES/ HEMATOMA, etiology/  
HEMOTHORAX, etiology/ HUMAN/  
INTUBATION, INTRATRACHEAL/ LUNG,  
physiopathology/ PNEUMOTHORAX, etiology/  
RESPIRATION, ARTIFICIAL/ RESPIRATORY  
INSUFFICIENCY, etiology/ RESPIRATORY  
INSUFFICIENCY, therapy/ SHOCK, etiology/  
SHOCK, therapy/ \*THORACIC INJURIES/  
THORACIC INJURIES, complications/  
THORACIC INJURIES, mortality/ THORACIC  
INJURIES, physiopathology/ THORACIC  
INJURIES, radiography/ THORACIC INJURIES,  
therapy/ TRACHEOTOMY
6956. Wilkinson DI: Positional isomers of monoene and diene  
fatty acids of human skin epidermal cells.  
Arch Biochem 136:368-71, Feb 70  
ACETATES, metabolism/ CARBON ISOTOPES/  
CHROMATOGRAPHY, GAS/ \*FATTY ACIDS,  
analysis/ HUMAN/ LINOLEIC ACID,  
biosynthesis/ OXIDATION-REDUCTION/ \*SKIN,  
analysis/ SKIN, cytology/ SKIN, metabolism/  
TISSUE CULTURE/ TRYPSIN
6957. Willems A: Procédé personnel de tympanoplastie dans  
l'otite adhésive.  
J Franc Otorhinolaryng 18:303-4, May 69 (Fre)  
ADHESIONS/ HUMAN/ METHODS/ \*OTITIS,  
surgery/ \*TYMPANOPLASTY
6958. Williams BT, Schenk WG Jr: A hemostatic vascular  
cuff. Rev Surg (Phila) 27:75-6, Jan-Feb 70  
\*HEMOSTASIS, instrumentation/ \*VASCULAR  
SURGERY
6959. Williams R: Transplantation of the liver in man.  
Brit Med J 1:585-93, 7 Mar 70 (47 ref.)  
ADULT/ ANIMAL EXPERIMENTS/  
ANTIBODIES, analysis/ BLOOD  
COAGULATION DISORDERS, etiology/ CHILD,  
PRESCHOOL/ DOGS/  
ELECTROENCEPHALOGRAPHY/ FEMALE/  
GREAT BRITAIN/ HEPATIC COMA, diagnosis/  
HISTOCOMPATIBILITY TESTING/ HUMAN/  
INFECTION, etiology/ LEUKOCYTES,  
immunology/ \*LIVER, transplantation/ LIVER  
CIRRHOSIS, immunology/ LIVER DISEASES,  
mortality/ LIVER DISEASES, surgery/ MALE/  
METHODS/ MIDDLE AGE/ POSTOPERATIVE  
COMPLICATIONS/ RATS/ REVIEW/ TISSUE



## AUTHOR SECTION

- DONORS/ TISSUE PRESERVATION/  
TRANSPLANTATION, HOMOLOGOUS/  
TRANSPLANTATION IMMUNOLOGY
6960. Williams RE, Corse J: Phage-typing for coagulase-negative staphylococci. *J Med Microbiol* 3:Plx, Feb 70  
\*BACTERIOPHAGE TYPING/ COAGULASE/  
\*STAPHYLOCOCCUS, classification
6961. Williams TE, Arango L, Donaldson MH, et al: Vitamin K requirement of normal infants on soy protein formula. Does 27 micrograms of vitamin K per liter meet the minimum daily requirement?  
*Clin Pediatr (Phila)* 9:79-82, Feb 70  
AVITAMINOSIS, complications/ BLOOD  
CHEMICAL ANALYSIS/ \*DIETARY  
PROTEINS/ HUMAN/  
\*HYPOPROTHROMBINEMIAS, diagnosis/  
HYPOPROTHROMBINEMIAS, etiology/  
INFANT/ INFANT, NEWBORN/ \*INFANT  
NUTRITION/ INTESTINAL ABSORPTION/  
NUTRITIONAL REQUIREMENTS/ OCCULT  
BLOOD/ SOY BEANS/ \*VITAMIN K,  
administration & dosage
6962. Williams TJ, Kempers RD: The management of postpartum hemorrhage.  
*Surg Clin N Amer* 49:1151-60, Oct 69  
FEMALE/ GENITALIA, FEMALE, injuries/  
HEMATOMA, diagnosis/ HEMATOMA, surgery/  
\*HEMORRHAGE, POSTPARTUM/  
HEMORRHAGE, POSTPARTUM, diagnosis/  
HEMORRHAGE, POSTPARTUM, etiology/  
HEMORRHAGE, POSTPARTUM, therapy/  
HUMAN/ HYSTERECTOMY/ PLACENTA  
DISORDERS, diagnosis/ PLACENTA  
DISORDERS, therapy/ PREGNANCY/  
UTERINE INERTIA, diagnosis/ UTERINE  
INERTIA, therapy
6963. Williamson AR: The biosynthesis of multichain proteins. *Essays Biochem* 5:139-75, 1969 (104 ref.)  
ALKALINE PHOSPHATASE/ ANTIBODY  
FORMATION/ CHYMOTRYPSIN, biosynthesis/  
ESCHERICHIA COLI/ GENETIC CODE/  
GENETICS, BIOCHEMICAL/ GENOTYPE/  
GLOBINS, biosynthesis/ HEME/ HEMOGLOBIN,  
biosynthesis/ HYDRO-LYASES, biosynthesis/  
INSULIN, biosynthesis/ MUTATION/  
PHENOTYPE/ \*PROTEINS, biosynthesis/  
REVIEW/ RNA, MESSENGER/ TRYPTOPHAN/  
ZINC
6964. Williamson JR: Control of energy metabolism in hamster brown adipose tissue.  
*J Biol Chem* 245:2043-50, 25 Apr 70  
ACETONE, metabolism/ ADENINE  
NUCLEOTIDES, metabolism/ ADENOSINE  
TRIPHOSPHATE, metabolism/ \*ADIPOSE  
TISSUE, metabolism/ ANIMAL  
EXPERIMENTS/ ANTIMYCIN A,  
pharmacodynamics/ ARSENIC,  
pharmacodynamics/ BISHYDROXYCOUMARIN,  
pharmacodynamics/ BROWN FAT, cytology/  
BROWN FAT, drug effects/ BROWN FAT,  
metabolism/ EPINEPHRINE, antagonists &  
inhibitors/ EPINEPHRINE, pharmacodynamics/  
FATTY ACIDS, metabolism/  
GLYCEROPHOSPHATES, metabolism/  
HAMSTERS/ MALATES, metabolism/ MALE/  
MALONATES, pharmacodynamics/  
MITOCHONDRIA, metabolism/ NITRILES,  
pharmacodynamics/ NOREPINEPHRINE,  
pharmacodynamics/ OLEIC ACID,  
pharmacodynamics/ OLIGOMYCIN,  
pharmacodynamics/ OXYGEN CONSUMPTION,  
drug effects/ PHENYLHYDRAZINE,  
pharmacodynamics/ STIMULATION,  
CHEMICAL/ SUCCINATES, metabolism/  
TRIGLYCERIDES, metabolism/ TRIOSSES,  
metabolism/ UNCOUPLING AGENTS,  
pharmacodynamics
6965. Willis AT, Williams K: Some cultural reactions of *Clostridium tetani*. *J Med Microbiol* 3:291-301, May 70  
CLOSTRIDIUM TETANI, enzymology/  
CLOSTRIDIUM TETANI, growth &  
development/ \*CLOSTRIDIUM TETANI,  
metabolism/ CULTURE MEDIA/  
DEOXYRIBONUCLEASE, analysis/ GELATIN,  
metabolism/ MILK, metabolism/ PEPTIDE  
HYDROLASES, analysis/ PHOSPHATASES,  
analysis/ PROTEINS, metabolism/ RENNIN/  
TETANUS ANTITOXIN, pharmacodynamics
6966. Wilson C, Kibler RF, Shapira R: Analysis with trinitrobenzenesulfonic acid of peptides separated on paper. *Anal Biochem* 35:371-6, Jun 70  
AMINO ACIDS, analysis/ BENZENE  
DERIVATIVES/ \*CHROMATOGRAPHY,  
PAPER/ ELECTROPHORESIS/ \*INDICATORS  
AND REAGENTS/ METHODS/ NERVE TISSUE  
PROTEINS, analysis/ \*PEPTIDES, analysis/  
\*SULFONIC ACIDS/ TRYPSIN
6967. Wilson DB, Dintzis H: Initiation of the alpha chain of rabbit hemoglobin. *Sympos Quant Biol* 34:313-7, 1969  
AMINO ACIDS, analysis/ AMINO ACIDS,  
metabolism/ ANIMAL EXPERIMENTS/ BLOOD  
PROTEINS, biosynthesis/ CARBON ISOTOPES/  
GEL FILTRATION/ GLOBINS, biosynthesis/  
\*HEMOGLOBIN, biosynthesis/ HYDANTOINS/  
ISOLEUCINE, metabolism/ PEPTIDES/  
PEPTIDES, analysis/ \*PEPTIDES, biosynthesis/  
PHENYLHYDRAZINE/ RABBITS/  
\*RETICULOCYTES, metabolism/ RIBOSOMES,  
metabolism/ TRYPSIN/ VALINE, analysis
6968. Wilson GA, Bott KF: Effects of lysozyme on competence for *Bacillus subtilis* transfection. *Biochim Biophys Acta* 199:464-75, 18 Feb 70  
\*BACILLUS SUBTILIS, drug effects/  
BACTERIOPHAGE/ CELL WALL, physiology/  
CENTRIFUGATION/ \*DNA, VIRAL/ HEAT/  
MAGNESIUM SULFATE/ MURAMIDASE,  
antagonists & inhibitors/ \*MURAMIDASE,  
pharmacodynamics/ OSMOLAR  
CONCENTRATION/ PROTEIN BINDING/  
PROTEIN DENATURATION/ PROTOPLASTS/  
SUCROSE/ TRYPSIN
6969. Wilson JB, Wrightstone RN, Hulsman TH: Haemoglobin alpha chain duplication in Barbary sheep, *Ammotragus lervia*, Pallas, 1777. *Nature (London)* 226:354-5, 25 Apr 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ CHROMOSOME MAPPING/  
CHYMOTRYPSIN/ \*HEMOGLOBIN, analysis/  
HEMOLYSIS/ PEPTIDES, analysis/ \*SHEEP/  
\*SPECIES SPECIFICITY
6970. Wilson JD: The measurement of the exchangeable pools of cholesterol in the baboon.  
*J Clin Invest* 49:655-65, Apr 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ CHOLESTEROL, analysis/  
CHOLESTEROL, blood/ \*CHOLESTEROL,  
metabolism/ CHROMATOGRAPHY, GAS/ DIET,  
ATHEROGENIC/ KINETICS/ MALE/  
MATHEMATICS/ MODELS, BIOLOGIC/  
MONKEYS/ TIME FACTORS/ TRITIUM
6971. Wilson RB, Hartroft WS: Pathogenesis of myocardial infarcts in rats fed a thrombogenic diet. *Arch Path (Chicago)* 89:457-69, May 70  
ANIMAL EXPERIMENTS/ AORTA, pathology/  
ARTERIOSCLEROSIS, pathology/ BLOOD  
PLATELETS/ CORONARY DISEASE, etiology/  
CORONARY DISEASE, pathology/ \*DIET,  
ATHEROGENIC, adverse effects/ FATTY  
STREAK, ARTERIAL, etiology/ HEART  
VENTRICLE, pathology/ LIPOIDOSIS, etiology/  
MALE/ \*MYOCARDIAL INFARCT, etiology/  
MYOCARDIAL INFARCT, pathology/  
NECROSIS/ RATS/ THROMBOSIS, etiology/  
VITAMINS
6972. Wilson RB, Wilson WD: Hepatotoxicity of tolbutamide in dogs. *J Amer Vet Med Ass* 156:1557-66, 1 Jun 70  
ALKALINE PHOSPHATASE, blood/  
ALKALINE PHOSPHATASE, metabolism/  
ANIMAL EXPERIMENTS/ ASPARTATE  
AMINOTRANSFERASE, blood/ ASPARTATE  
AMINOTRANSFERASE, metabolism/ BLOOD  
SUGAR, analysis/ BODY WEIGHT/ DIABETES  
MELLITUS, veterinary/ DOG DISEASES, drug  
therapy/ DOGS/ GLUCOSE, metabolism/  
\*HEPATITIS, TOXIC, etiology/ HEPATITIS,  
TOXIC, pathology/ KIDNEY, pathology/



# AUTHOR SECTION

- LIVER, analysis/ \*LIVER, drug effects/  
LIVER, metabolism/ LIVER, pathology/ LIVER  
FUNCTION TESTS/ MICROSCOPY,  
ELECTRON/ MYOCARDIUM, pathology/  
PANCREAS, pathology/ PROTHROMBIN TIME/  
SULFOBROMOPHTHALEIN, diagnostic use/  
TOLBUTAMIDE, therapeutic use/  
\*TOLBUTAMIDE, toxicity
6973. Wilson SE, Woolley MM: Primary necrotizing  
enterocolitis in infants.  
Arch Surg (Chicago) 99:563-6, Nov 69  
ANTIBIOTICS, therapeutic use/ ASCITIC  
FLUID, microbiology/ CECUM, pathology/  
COLON, pathology/ \*ENTERITIS,  
complications/ ENTERITIS, drug therapy/  
ENTERITIS, etiology/ ESCHERICHIA COLI,  
isolation & purification/ FECES, microbiology/  
ILEUM, pathology/ INFANT MORTALITY/  
\*INFANT, NEWBORN, DISEASES/  
KLEBSIELLA, isolation & purification/  
NECROSIS, etiology/ OTITIS MEDIA,  
complications/ PROTEUS, isolation &  
purification/ PSEUDOMONAS, isolation &  
purification/ STAPHYLOCOCCUS, isolation &  
purification/ THROMBOPENIA, diagnosis
6974. Wilson WL, Bisei HF, Cole D, et al: Prolonged  
low-dosage administration of hexamethylmelamine  
(NC 13875). Cancer 25:568-70, Mar 70  
ANTACIDS, therapeutic use/ ANTIEMETICS,  
therapeutic use/ \*ANTINEOPLASTIC AGENTS,  
administration & dosage/ \*ANTINEOPLASTIC  
AGENTS, adverse effects/ BLOOD  
PLATELETS, drug effects/ CENTRAL  
NERVOUS SYSTEM, drug effects/  
GASTROINTESTINAL SYSTEM, drug effects/  
HEMATOPOIESIS, drug effects/ HUMAN/  
LEUKOCYTES, drug effects/ \*LUNG  
NEOPLASMS, drug therapy/ \*OVARIAN  
NEOPLASMS, drug therapy/ SKIN, drug  
effects/ TIME FACTORS/ TRIETHYLENE  
MELAMINE, adverse effects
6975. Winefordner JD, McCarthy WJ, St. John PA:  
Phosphorimetry as an analytical approach in  
biochemistry.  
Meth Biochem Anal 15:369-483, 1967 (170 ref.)  
ANIMAL EXPERIMENTS/ ANTICOAGULANTS,  
blood/ ASPIRIN, blood/ ASPIRIN, urine/  
ATROPINE, urine/ BLOOD CHEMICAL  
ANALYSIS/ CHEMISTRY, PHYSICAL/  
CHLORPROMAZINE, blood/  
CHROMATOGRAPHY/ COCAINE, blood/  
COCAINE, urine/ COLD/ ENZYMES, analysis/  
EQUIPMENT AND SUPPLIES/ HEAT/  
\*LUMINESCENCE/ LUMINESCENCE,  
instrumentation/ METHODS/ NITROPHENOLS,  
urine/ NUCLEIC ACIDS, analysis/  
PHENOBARBITAL, blood/ PROCAINE, blood/  
PROTEINS, analysis/ REVIEW/ SOLVENTS/  
SULFONAMIDES, blood/ TIME FACTORS
6976. Wingate MB: Recent advances in investigation and  
treatment of infertility.  
Canad Med Ass J 101:43-9, 1 Nov 69 (57 ref.)  
ABORTION, complications/ ABORTION,  
HABITUAL, etiology/ ADHESIONS,  
complications/ ADNEXAL DISEASES,  
complications/ AMENORRHEA, complications/  
CHROMOSOME ABERRATIONS/  
CLOMIPHENE, therapeutic use/ FALLOPIAN  
TUBES/ FEMALE/ GONADOTROPINS,  
therapeutic use/ HERMAPHRODITISM/  
HORMONES/ HUMAN/ KLINEFELTER'S  
SYNDROME/ MALE/ OVULATION/ REVIEW/  
SEX CHROMATIN/ \*STERILITY/ STERILITY,  
familial & genetic/ STERILITY, immunology/  
STERILITY, FEMALE, drug therapy/  
STERILITY, FEMALE, etiology/ STERILITY,  
MALE, etiology/ TURNER'S SYNDROME/  
UTERINE DISEASES, complications
6977. Winkel P, Juhl E, Tygstrup N: The prognostic value of  
clinical and laboratory data in patients with cirrhosis.  
Scand J Gastroent Suppl 7:181-7, 1970  
ASCITES/ HUMAN/ LIVER CIRRHOSIS,  
blood/ LIVER CIRRHOSIS, classification/  
\*LIVER CIRRHOSIS, diagnosis/ LIVER  
FUNCTION TESTS/ NEVUS/ PROGNOSIS/  
PROTHROMBIN TIME/ SERUM ALBUMIN,  
analysis
6978. Winkelman J, Wybenga DR, Ibbott FA: Phenotyping of  
hyperlipoproteinemias. Effect on electrophoretic  
pattern of serum storage at ambient, refrigerator, or  
freezing temperatures. Clin Chem 16:507-11, Jun 70  
BLOOD PRESERVATION/ \*BLOOD PROTEIN  
DISORDERS, familial & genetic/ BLOOD  
PROTEIN ELECTROPHORESIS/ CELLULOSE  
COLD/ DRUG STABILITY/ FREEZING/  
HUMAN/ \*LIPOPROTEINS, blood/  
\*PHENOTYPE/ PROTEIN DENATURATION
6979. Winterhoff D: Vergleichende Untersuchungen zur  
Pathogenitätsbestimmung bei Staphylokokken.  
Arch Hyg Bakt 153:67-71, Feb 69 (Ger)  
COAGULASE/ COMPARATIVE STUDY/  
CULTURE MEDIA/ EGG YOLK/ ENGLISH  
ABSTRACT/ HEMOLYSIS/ HUMAN  
MANNITOL/ METHODS/ PHOSPHATASES/  
PIGMENTS/ STAPHYLOCOCCUS, enzymology  
\*STAPHYLOCOCCUS, pathogenicity  
SUPPURATION, microbiology
6980. Winther FO, Gulihagen L: POR-8, et nytt  
vasokonstriktorsk medikament. Hemostatisk  
virkning ved tonsillektomier.  
T Norsk Laegeforen 89:1422-3, 15 Sep 69 (Nor)  
ENGLISH ABSTRACT/ \*HEMOSTATICS,  
therapeutic use/ HUMAN/ TONSIL, blood  
supply/ TONSILLECTOMY/  
\*VASOCONSTRICTOR AGENTS, therapeutic  
use/ VASOPRESSIN, therapeutic use
6981. Winther O: Resistance to testosterone as a stimulator  
of blood fibrinolytic activity in patients with cancer of  
the breast. Lancet 1:825, 21 Mar 70  
ADULT/ AGED/ BLOOD COAGULATION  
TESTS/ \*BREAST NEOPLASMS, blood  
\*FIBRINOLYSIS, drug effects/ HUMAN/  
LYMPHATIC METASTASIS/ MIDDLE AGE/  
NEOPLASM METASTASIS/ STIMULATION,  
CHEMICAL/ TESTOSTERONE, administration  
& dosage/ \*TESTOSTERONE,  
pharmacodynamics
6982. Wlontzek H: Leberschädigung durch Marcumar.  
Deutsch Med Wschr 95:356, 13 Feb 70 (Ger)  
ADULT/ \*BISHYDROXYCOUMARIN, adverse  
effects/ FEMALE/ HUMAN/ \*LIVER  
DISEASES, chemically induced
6983. Wlontzek H: Zur Frage der Leberschädigung durch  
Marcumar.  
Ther Gegenw 108:1614 passim, Nov 69 (Ger)  
\*ANTICOAGULANTS, adverse effects  
HUMAN/ \*LIVER DISEASES, chemically  
induced/ MALE/ MIDDLE AGE
6984. Wlontzek H: Knochenmarksschädigung durch  
Chloramphenicol. Kasuistischer Beitrag.  
Munchen Med Wschr 111:2267-71, 31 Oct 69 (Ger)  
ANEMIA, APLASTIC, chemically induced  
ANEMIA, APLASTIC, complications/ ANEMIA,  
APLASTIC, drug therapy/ ASTHMA, drug  
therapy/ BLOOD TRANSFUSION/ \*BONE  
MARROW DISEASES, chemically induced  
BONE MARROW DISEASES, prevention &  
control/ CASE REPORT  
\*CHLORAMPHENICOL, adverse effects/  
CHLORAMPHENICOL, therapeutic use  
ENGLISH ABSTRACT/ ERYTHROCYTES  
HEMORRHAGE, etiology/ HUMAN  
LEUKOPENIA, chemically induced/ MALE  
MIDDLE AGE/ PENICILLIN, therapeutic use  
PREDNISONE, therapeutic use  
THROMBOPENIA, chemically induced
6985. Wipf VK, Mullins AM, Passbach FL Jr: Acid  
mucopolysaccharides and porcine muscle quality.  
J Anim Sci 30:355-9, Mar 70  
CHONDROITIN, analysis/ HEPARIN, analysis  
\*HEXOSAMINES, analysis/ HYALURONIC  
ACID, analysis/ \*MUCOPOLYSACCHARIDES,  
analysis/ \*MUSCLES, analysis/ SULFURIC  
ACIDS, analysis/ \*SWINE, metabolism
6986. Wipf VK, Mullins AM, Passbach FL Jr: Variation in acid  
mucopolysaccharide content of porcine muscles.



# AUTHOR SECTION

- J Anim Sci 30:360-3, Mar 70  
CHONDROITIN, analysis/ HEPARIN, analysis/  
HYALURONIC ACID, analysis/  
\*MUCOPOLYSACCHARIDES, analysis/  
\*MUSCLES, analysis/ SULFATES, analysis/  
SWINE, anatomy & histology/ \*SWINE,  
metabolism
6987. Wira C, Munck A: Specific glucocorticoid receptors in thymus cells. Localization in the nucleus and extraction of the cortisol-receptor complex. J Biol Chem 245:3436-8, 10 Jul 70  
ANIMAL EXPERIMENTS/ CELL NUCLEUS/  
GEL FILTRATION/ HEAT/  
\*HYDROCORTISONE, pharmacodynamics/  
MICROSCOPY, ELECTRON/ OSMOLAR  
CONCENTRATION/ PEPTIDE HYDROLASES/  
RATS/ \*RECEPTORS, DRUG/ \*THYMUS  
GLAND, drug effects/ TRITIUM
6988. Wirth W, Wagner H, Themann H, et al: Licht- und elektronenmikroskopische Untersuchungen zum lokalen Schwartzman-Phänomen. Z Ges Exp Med 151:35-54, 19 Sep 69 (Ger)  
ANIMAL EXPERIMENTS/ COMPARATIVE  
STUDY/ ENDOTOXINS/ INJECTIONS/  
LEUKOCYTES/ LYSOSOMES/ MICROSCOPY,  
ELECTRON/ RABBITS/ SALMONELLA/  
\*SHWARTZMAN PHENOMENON, pathology/  
\*SKIN, pathology/ THROMBOSIS, pathology/  
TIME FACTORS
6989. Wirtz KW, Zilversmit DB: Participation of soluble liver proteins in the exchange of membrane phospholipids. Biochim Biophys Acta 193:105-16, 14 Oct 69  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ \*CELL MEMBRANE,  
metabolism/ CEPHALINS, metabolism/  
DIALYSIS/ FEMALE/ HYDROGEN-ION  
CONCENTRATION/ LECITHINS, metabolism/  
LEUCINE, metabolism/ LIPOPROTEINS, blood/  
LIVER, metabolism/ \*MICROSOMES, LIVER,  
metabolism/ \*MITOCHONDRIA, LIVER,  
metabolism/ PHOSPHOLIPASE/  
\*PHOSPHOLIPIDS, metabolism/ PHOSPHORUS  
ISOTOPES/ PRECIPITATION/ \*PROTEINS,  
metabolism/ RATS/ SULFATES/  
TEMPERATURE/ TRITIUM/ TRYPSIN/  
ULTRACENTRIFUGATION
6990. Wiseman GM, Caird JD: Mode of action of the alpha toxin of Staphylococcus aureus. Canad J Microbiol 16:47-50, Jan 70  
ALBUMINS/ CASEIN/ CELL MEMBRANE,  
drug effects/ \*ERYTHROCYTES, drug effects/  
FIBRINOGEN/ GUINEA PIGS/ HEMOGLOBIN/  
HEMOLYSIS, drug effects/ HORSES/  
RABBITS/ SHEEP/ SPECIES SPECIFICITY/  
\*STAPHYLOCOCCUS/ \*TOXINS,  
pharmacodynamics
6991. Wiśniewski T: Leczenie farmakologiczne zespołu zylakowego. Wlad Lek 22:1775-81, 1 Oct 69 (Pol)  
ANALGESICS AND ANTIPYRETICS,  
therapeutic use/ ANTICOAGULANTS,  
therapeutic use/ ANTI-INFLAMMATORY  
AGENTS, therapeutic use/ BIOFLAVONOIDS,  
therapeutic use/ DIURETICS, therapeutic use/  
HUMAN/ NIKETHAMIDE, therapeutic use/  
\*VARICOSE VEINS, drug therapy
6992. Witt I, Müller H, Künzer W: Isolierung und Charakterisierung von fetalem Fibrinogen. Klin Wschr 47:785-7, 15 Jul 69 (Ger)  
ADULT/ AMINO ACIDS, analysis/ BLOOD  
COAGULATION TESTS/ BLOOD PROTEIN  
ELECTROPHORESIS/ CHEMISTRY/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ENGLISH ABSTRACT/ FETUS, analysis/  
FIBRINOGEN, analysis/ \*FIBRINOGEN,  
isolation & purification/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ \*INFANT,  
NEWBORN/ PEPTIDES, analysis
6993. Woessner S, Sans-Sabrafen J, Simo Camps E, et al: Megacariocytosis aguda maligna pancitopenizante. Sangre (Barc) 15:89-97, 1970 (Spa)  
AGED/ BONE MARROW DISEASES,  
classification/ DIAGNOSIS, DIFFERENTIAL/  
ENGLISH ABSTRACT/ HEMORRHAGIC
- THROMBOCYTHEMIA, diagnosis/ HUMAN/  
MALE/ MEGAKARYOCYTES/  
\*MYELOPROLIFERATIVE DISORDERS/  
\*THROMBOPENIA, complications
6994. Wohlman A, Syed M, Avakian S: Enhancement of drug activity by chymotrypsin. Penicillin penetration into granulomatous lesions and inflammatory fluids. Experientia 25:953-4, 15 Sep 69  
ANIMAL EXPERIMENTS/ \*CHYMOTRYPSIN,  
pharmacodynamics/ \*DRUG SYNERGISM/  
\*EXUDATES AND TRANSUDATES,  
metabolism/ \*GRANULOMA, metabolism/  
INFLAMMATION, chemically induced/  
\*INFLAMMATION, metabolism/ PENICILLIN  
G, blood/ \*PENICILLIN G, metabolism/  
RATS/ STAPHYLOCOCCUS, drug effects/  
STIMULATION, CHEMICAL/ TURPENTINE
6995. Wojcik JD, Van Horn DL, Webber AJ, et al: Mechanism whereby platelets support the endothelium. Transfusion 9:324-35, Nov-Dec 69  
ANIMAL EXPERIMENTS/ BLOOD CELL  
COUNT/ \*BLOOD PLATELETS, metabolism/  
BLOOD PLATELETS, radiation effects/  
BLOOD TRANSFUSION/ CAPILLARIES,  
metabolism/ \*EPITHELIUM, metabolism/  
GUINEA PIGS/ ISOFLUOROPHATE,  
metabolism/ MICROSCOPY, ELECTRON/  
\*RADIATION EFFECTS/  
RADIOAUTOGRAPHY/ THROMBOPENIA,  
etiology/ TRITIUM
6996. Wójtowicz M, Snieżyński C: Priapismus. Pol Przegl Chir 41:Suppl 11a:1626, Nov 69 (Pol)  
ADULT/ ENGLISH ABSTRACT/ HEPARIN,  
therapeutic use/ HUMAN/ HYALURONIDASE,  
therapeutic use/ HYDROCORTISONE,  
therapeutic use/ MALE/ MIDDLE AGE/  
PRIAPISM, drug therapy/ \*PRIAPISM, surgery
6997. Woldow A, Goldberg H, Gratz M: Long-term daily outpatient heparin therapy in hyperlipemic and normolipemic atherosclerotic states. Angiology 21:180-7, Mar 70  
ADULT/ AGED/ \*ARTERIOSCLEROSIS, drug  
therapy/ CORONARY DISEASE, drug therapy/  
DIET, ATHEROGENIC/  
ELECTROCARDIOGRAPHY/ FAT TOLERANCE  
TEST/ FEMALE/ HEPARIN, administration &  
dosage/ \*HEPARIN, therapeutic use/  
HOSPITAL OUTPATIENT CLINICS/ HUMAN/  
\*HYPERLIPEMIA, drug therapy/  
HYPERLIPEMIA, prevention & control/  
MALE/ MIDDLE AGE/ TRIGLYCERIDES,  
blood
6998. Wolf B, Lausarot PM, Lesnaw JA, et al: Preparation of polymeric protein markers and an investigation of their behavior in sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Biochim Biophys Acta 200:180-3, 20 Jan 70  
CARBONATES/ CARBONIC ANHYDRASE/  
CARBOXYPEPTIDASES/ CATTLE/  
ELECTROPHORESIS, DISK/  
LACTOGLOBULINS/ MOLECULAR WEIGHT/  
MYOGLOBIN/ OVALBUMIN/ \*POLYMERS,  
analysis/ \*PROTEINS, analysis/  
RIBONUCLEASE/ SERUM ALBUMIN,  
BOVINE/ SURFACE-ACTIVE AGENTS/  
TOBACCO MOSAIC VIRUS/ TRYPSIN/ VIRAL  
PROTEINS
6999. Wolf B, Lesnaw JA, Reichmann ME: A mechanism of the irreversible inactivation of bovine pancreatic ribonuclease by diethylpyrocarbonate. A general reaction of diethylpyrocarbonate. A general reaction of diethylpyrocarbonate with proteins. Europ J Biochem 13:519-25, Apr 70  
ANHYDRIDES/ \*ANTI-INFECTIVE AGENTS/  
ASPARTIC ACID/ CARBONATES/  
CHEMISTRY/ DETERGENTS/  
ELECTROPHORESIS/ GELS/ GLUTAMATES/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ LYSINE/ MALATES/  
MOLECULAR WEIGHT/ PEPTIDES, analysis/  
PROTEINS/ \*RIBONUCLEASE, antagonists &  
inhibitors/ SULFURIC ACIDS/ TRYPSIN
7000. Wolf DP, Fischer EH, Krebs EG: Amino acid sequence



## AUTHOR SECTION

- of the phosphorylated site in rabbit liver glycogen phosphorylase.  
**Biochemistry (Wash)** 9:1923-9, 28 Apr 70  
 ADENOSINE TRIPHOSPHATE/ \*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/  
 ANIMAL EXPERIMENTS/ BINDING SITES/  
 CHROMATOGRAPHY, DEAE-CELLULOSE/  
 ENZYME ACTIVATION/  
 \*GLUCOSYLTRANSFERASES, analysis/  
 GLYCOGEN/ KINETICS/ LIVER, enzymology/  
 MOLECULAR WEIGHT/ \*PHOSPHORUS/  
 PHOSPHORUS ISOTOPES/ PHOSPHORYLASE  
 KINASE/ RABBITS/ TRYPSIN/  
 ULTRACENTRIFUGATION
7001. Wolf DS: Cavernous hemangioma. A case report.  
**J Amer Podiat Ass** 59:446-7, Nov 69  
 ADULT/ FEMALE/ \*HEMANGIOMA,  
 CAVERNOUS/ HUMAN/ \*TOES
7002. Wolf P: Oral contraceptives and low antithrombin-3 activity. **Lancet** 1:144, 17 Jan 70  
 \*ANTITHROMBIN, analysis/  
 \*CONTRACEPTIVES, ORAL, adverse effects/  
 FEMALE/ HUMAN/ THROMBOSIS, chemically induced
7003. Wolf PS, Genton E: The accuracy of pulmonary angiography in assessing resolution of experimental thromboemboli. **Circulation** 41:59-66, Jan 70  
 ANIMAL EXPERIMENTS/ DOGS/  
 FIBRINOLYTIC AGENTS, therapeutic use/  
 \*PULMONARY ARTERY, radiography/  
 PULMONARY CIRCULATION/ PULMONARY  
 EMBOLISM, pathology/ \*PULMONARY  
 EMBOLISM, radiography
7004. Wolf RH, Felsenfeld O, Brannon RB, et al: Low protein intake and response to Escherichia coli 055 infection in patas monkeys. **Amer J Dig Dis** 15:819-33, Sep 70  
 ANIMAL EXPERIMENTS/ \*ANTIBODY  
 FORMATION/ ANTIBODY PRODUCING  
 CELLS/ CARBON ISOTOPES/ DISEASE  
 MODELS, ANIMAL/ DNA, analysis/  
 \*ESCHERICHIA COLI INFECTIONS,  
 immunology/ FEMALE/ \*GAMMA GLOBULIN,  
 biosynthesis/ ILEUM, enzymology/  
 IMMUNOGLOBULINS, biosynthesis/  
 INTESTINES, pathology/ LYSINE, metabolism/  
 MALE/ MONKEYS/ OPSONINS, analysis/  
 PEPTIDE HYDROLASES, analysis/ \*PROTEIN  
 DEFICIENCY, immunology/ \*PROTEINS,  
 biosynthesis/ RIBOSOMES/ RNA, analysis/  
 SPECIES SPECIFICITY/ THYMIDINE,  
 metabolism/ TRITIUM
7005. Wolfe SM, Shulman NR: Inhibition of platelet energy production and release reaction by PGE<sub>1</sub>, theophylline and cAMP.  
**Biochem Biophys Res Commun** 41:128-34, 9 Oct 70  
 ADENINE NUCLEOTIDES, metabolism/  
 \*ADENINE NUCLEOTIDES, pharmacodynamics/  
 ADENOSINE CYCLIC 3',5'-PHOSPHATE,  
 pharmacodynamics/ ADULT/ BLOOD  
 PLATELETS, drug effects/ \*BLOOD  
 PLATELETS, metabolism/ BUTYRATES,  
 pharmacodynamics/ CALCIUM, metabolism/  
 HUMAN/ LACTATES, biosynthesis/ MALE/  
 PLATELET ADHESIVENESS, drug effects/  
 \*PROSTAGLANDINS, pharmacodynamics/  
 \*THEOPHYLLINE, pharmacodynamics/  
 THROMBIN, antagonists & inhibitors/  
 THROMBIN, pharmacodynamics
7006. Wolff MJ: Acquired hemangiomata.  
**Arch Derm (Chicago)** 100:501-2, Oct 69  
 AGED/ \*ANGIOMA, SCLEROSING, etiology/  
 ANGIOMA, SCLEROSING, pathology/ CASE  
 REPORT/ FEMALE/ HUMAN/ \*SKIN  
 NEOPLASMS, etiology/ SKIN NEOPLASMS,  
 pathology
7007. Wolff S: The transition from interphase to prophase induced by trypsinization of isolated fixed *Vicia faba* nuclei. **Exp Cell Res** 57:457-62, Oct 69  
 \*CELL NUCLEUS, drug effects/  
 CHROMOSOMES/ DNA/ IN VITRO/ \*MITOSIS,  
 drug effects/ PLANTS/ \*TRYPSIN,  
 pharmacodynamics
7008. Wolna E, Wolny M, Ingliot AD: Inhibition of some enzymes by nonsteroid anti-inflammatory compounds at high temperature.  
**Arch Immun Ther Exp** 17:795-805, 1969  
 ALDOLASE, antagonists & inhibitors/  
 ANIMAL EXPERIMENTS/ ANTHRANILIC  
 ACID, pharmacodynamics/  
 \*ANTI-INFLAMMATORY AGENTS,  
 pharmacodynamics/ \*ENZYMES, antagonists &  
 inhibitors/ GLYCERALDEHYDEPHOSPHATE  
 DEHYDROGENASE, antagonists & inhibitors/  
 \*HEAT/ HYDRO-LYASES, antagonists &  
 inhibitors/ PHOSPHOPYRUVATE  
 HYDRATASE, antagonists & inhibitors/  
 RABBITS/ TRYPSIN INHIBITORS
7009. Wolosker M, Kauffman P, Cinelli Júnior M, et al: Diagnóstico e tratamento dos traumatismos arteriais: análise de 95 casos.  
**Rev Ass Med Brasil** 15:321-30, Aug 69 (Por)  
 ADOLESCENCE/ ADULT/ AGED/  
 \*ANEURYSM, surgery/ \*ARTERIES, injuries/  
 ENGLISH ABSTRACT/ HEMATOMA, surgery/  
 \*HEMORRHAGE, surgery/ HUMAN/  
 \*ISCHEMIA, surgery/ MALE/ MIDDLE AGE/  
 SUTURES/ WOUNDS, GUNSHOT
7010. Wong KH, Pickett MJ, Froman S: Simplified method for obtaining cell wall tuberculs from mycobacteria. **Amer Rev Resp Dis** 102:641-2, Oct 70  
 ANIMAL EXPERIMENTS/  
 \*BACTERIOLOGICAL TECHNIQUES/ \*CELL  
 WALL, analysis/ CENTRIFUGATION/  
 DEOXYRIBONUCLEASE/ GEL DIFFUSION  
 TESTS/ GUINEA PIGS/ METHODS/  
 \*MYCOBACTERIUM TUBERCULOSIS, analysis/  
 RIBONUCLEASE/ SKIN TESTS/ SPECIES  
 SPECIFICITY/ TRYPSIN/ \*TUBERCULIN,  
 isolation & purification
7011. Woodley JF, Kenny AJ: The presence of pancreatic proteases in particulate preparations of rat intestinal mucosa. **Biochem J** 115:18P-19P, Nov 69  
 ANIMAL EXPERIMENTS/ BILE DUCTS,  
 physiology/ \*INTESTINAL MUCOSA,  
 enzymology/ INTESTINE, SMALL, enzymology/  
 \*PANCREATIC JUICE, enzymology/ \*PEPTIDE  
 HYDROLASES, analysis/ RATS
7012. Woods AH: A closed system for large-scale lymphocyte purification. **Blood** 35:39-43, Jan 70  
 BLOOD COAGULATION/ BLOOD  
 SEDIMENTATION/ \*BLOOD SPECIMEN  
 COLLECTION/ GLASS/ HEPARIN,  
 pharmacodynamics/ HUMAN/  
 LYMPHOCYTES/ NYLON
7013. Woody GL, Brenner N, Foster RL: A comparison study of 175 duplicate determinations using the Electra 500 and the standard fibrometers.  
**Techn Bull Regist Med Techn** 39:266-9, Dec 69  
 AUTOANALYSIS, instrumentation/  
 COMPARATIVE STUDY/ HUMAN/ METHODS/  
 \*PROTHROMBIN TIME, instrumentation
7014. Woolcock AJ, Blackburn CR, Freeman MH, et al: Studies of chronic (nontuberculous) lung disease in New Guinea populations. The nature of the disease.  
**Amer Rev Resp Dis** 102:575-90, Oct 70  
 ADHESIONS, occurrence/ ADULT/  
 BRONCHITIS, occurrence/ CHRONIC  
 DISEASE/ DYSPNEA, occurrence/  
 ENVIRONMENTAL EXPOSURE/ FEMALE/  
 HUMAN/ \*LUNG DISEASES, occurrence/  
 LUNG DISEASES, physiopathology/ MALE/  
 MIDDLE AGE/ NEW GUINEA/ PLEURAL  
 DISEASES, occurrence/ PULMONARY  
 EMPHYSEMA, occurrence/ PULMONARY  
 FIBROSIS, occurrence/ RESPIRATORY  
 FUNCTION TESTS/ \*RESPIRATORY  
 INSUFFICIENCY, occurrence/ SEX FACTORS/  
 TIME FACTORS
7015. Woolf N, Carstairs KC: The survival time of platelets in experimental mural thrombi. **J Path** 97:595-601, Apr 69  
 ANIMAL EXPERIMENTS/ ANTIGENS/  
 AORTA, ABDOMINAL, injuries/ \*AORTIC  
 DISEASES, physiopathology/ BLOOD  
 PLATELETS, immunology/ \*BLOOD  
 PLATELETS, physiopathology/ FLUORESCENT



## AUTHOR SECTION

- ANTIBODY TECHNIC/ SWINE/ THROMBOSIS,  
etiology/ THROMBOSIS, immunology/  
\*THROMBOSIS, physiopathology/ TIME  
FACTORS
7016. Woolf N, Sacks MI, Davies MJ: Aortic plaque morphology in relation to coronary artery disease. Amer J Path 57:187-97, Oct 69  
ADULT/ AGED/ ANGINA PECTORIS,  
pathology/ \*AORTA, pathology/  
\*ARTERIOSCLEROSIS, pathology/  
\*CORONARY DISEASE, pathology/ FEMALE/  
FIBRIN/ FLUORESCENT ANTIBODY  
TECHNIC/ HUMAN/ IMMUNE SERUMS/  
MALE/ MICROTOMY/ MIDDLE AGE/  
MYOCARDIAL INFARCT, pathology
7017. Wormsley KG: The response to infusion of a combination of secretin and pancreozymin in health and disease. Scand J Gastroent 4:623-32, 1969  
ADULT/ BICARBONATES, analysis/  
BICARBONATES, secretion/ BILE PIGMENTS,  
analysis/ CHLORIDES, analysis/ DUODENAL  
ULCER, physiopathology/ HUMAN/ MALE/  
MIDDLE AGE/ \*PANCREAS, physiology/  
PANCREAS, physiopathology/ PANCREATIC  
DISEASES, physiopathology/  
PANCREOZYMIN, pharmacodynamics/  
\*SECRETIN, pharmacodynamics/ TRYPSIN,  
secretion
7018. Wormsley KG: Stimulation of pancreatic secretion by intraduodenal infusion of bile-salts. Lancet 2:586-8, 19 Sep 70  
AMYLASE, secretion/ BICARBONATES,  
secretion/ \*BILE ACIDS AND SALTS,  
administration & dosage/ BILE ACIDS AND  
SALTS, pharmacodynamics/ DUODENUM/  
HUMAN/ HYPERTONIC SOLUTIONS/  
INFUSIONS, PARENTERAL/ ISOTONIC  
SOLUTIONS/ PANCREAS, drug effects/  
PANCREAS, enzymology/ \*PANCREAS,  
secretion/ PANCREOZYMIN, administration &  
dosage/ SECRETIN, administration & dosage/  
STIMULATION, CHEMICAL/ TRYPSIN,  
secretion
7019. Wormsley KG: Response to duodenal acidification in man. 3. Comparison with the effects of secretin and pancreozymin. Scand J Gastroent 5:353-60, 1970  
BICARBONATES, secretion/ BILE PIGMENTS,  
secretion/ BODY WEIGHT/ CELIAC DISEASE,  
metabolism/ CHLORIDES, secretion/  
DUODENAL ULCER, metabolism/  
DUODENUM, secretion/ HUMAN/  
\*HYDROCHLORIC ACID, pharmacodynamics/  
\*INTESTINAL SECRETIONS, drug effects/  
\*JEJUNUM, secretion/ PANCREOZYMIN,  
pharmacodynamics/ SECRETIN,  
pharmacodynamics/ TRYPSIN, secretion
7020. Wörner H: Intraorale Chirurgie bei Hämophilien. DDZ 24:351-5, Aug 70 (Ger)  
\*HEMOPHILIA, complications/  
\*HEMORRHAGE, ORAL, prevention & control/  
HUMAN/ \*SURGERY, ORAL
7021. Worowski K, Farbiszewski R: Udział lipidów i lipoproteidów w procesie hemostazy. Postepy Biochem 16:51-66, 1970 (201 ref.) (Pol)  
\*BLOOD COAGULATION/ \*BLOOD  
PLATELETS, physiology/ BLOOD VESSELS,  
physiology/ CHYLOMICRONS/ ENGLISH  
ABSTRACT/ FIBRIN, physiology/  
FIBRINOGEN, physiology/ FIBRINOLYSIS/  
\*HEMOSTASIS/ HUMAN/ LIPIDS, blood/  
\*LIPIDS, physiology/ LIPOPROTEINS, blood/  
\*LIPOPROTEINS, physiology/ PROTHROMBIN,  
physiology/ REVIEW/ THROMBIN, physiology
7022. Worowski K, Gabryelewicz A, Prokopowicz J, et al: The fibrinolytic system in patients with right ventricular failure treated with Novurit. Thromb Diath Haemorrh 23:500-3, 30 Jun 70  
ADULT/ \*BLOOD COAGULATION, drug  
effects/ BLOOD PRESSURE/ COMPARATIVE  
STUDY/ \*DIURETICS, MERCURIAL, adverse  
effects/ FIBRINOGEN, analysis/  
\*FIBRINOLYSIS, drug effects/ \*HEART  
DISEASES, drug therapy/ HEART
- VENTRICLE/ HEMATOCRIT/ HUMAN/  
HYDROCHLOROTHIAZIDE, pharmacodynamics/  
MIDDLE AGE/ PLASMINOGEN, analysis
7023. Worowski K, Glowinski S: Krzepnięcie krwi i fibrynoliza po krwotoku u psa. Acta Physiol Pol 20:655-62, Jul-Aug 69 (Pol)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION DISORDERS, etiology/ DOGS/  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
\*HEMORRHAGE, complications/ MALE/  
\*PLASMINOGEN/ \*PROTHROMBIN
7024. Worowski K, Prokopowicz J: Effect of mercuric chloride on the arterial blood pressure of dogs. Bull Acad Pol Sci [Biol] 17:349-51, 1969  
ANGIOTENSIN, metabolism/ ANIMAL  
EXPERIMENTS/ \*BLOOD PRESSURE, drug  
effects/ CHLORIDES/ DOGS/ FEMALE/  
FIBRINOGEN, metabolism/ FIBRINOLYSIS,  
metabolism/ \*FIBRINOLYSIS/ MALE/  
\*MERCURY, pharmacodynamics/ MERCURY  
POISONING
7025. Woźniowski G: Der Hirudin-Toleranz-Test nach einem Operationstrauma und in der postoperativen Phase. Zbl Chir 94:450-3, 5 Apr 69 (Ger)  
\*BLOOD COAGULATION DISORDERS,  
diagnosis/ BLOOD COAGULATION TESTS/  
CHOLECYSTECTOMY/ GASTRECTOMY/  
\*HIRUDIN, diagnostic use/ HUMAN/  
\*POSTOPERATIVE COMPLICATIONS,  
diagnosis/ THORAX, surgery/  
THYROIDECTOMY/ TIME FACTORS
7026. Wray GW, Gimlin DM, Abdel-Hady SN, et al: Effect of fluorophenylalanine on bacteriophage MS2 replication. J Virol 5:165-72, Feb 70  
ADSORPTION/ CARBON ISOTOPES/ CELL  
MEMBRANE, metabolism/ CENTRIFUGATION,  
DENSITY GRADIENT/ CESIUM/ CHLORIDES/  
CHROMATOGRAPHY, PAPER/  
CHYMOTRYPSIN, metabolism/ COLIPHAGES,  
drug effects/ \*COLIPHAGES, growth &  
development/ COLIPHAGES, metabolism/  
DEPRESSION, CHEMICAL/ ESCHERICHIA  
COLI, metabolism/ \*FLUORINE,  
pharmacodynamics/ IMMUNE SERUMS/  
\*PHENYLALANINE, pharmacodynamics/  
RIBONUCLEASE, metabolism/ RNA,  
MESSENGER, metabolism/ RNA, VIRAL,  
metabolism/ TRITIUM/ VIRAL PROTEINS,  
metabolism/ \*VIRUS REPLICATION, drug  
effects
7027. Wray JB: The biochemical characteristics of the fracture hematoma in man. Surg Gynec Obstet 130:847-52, May 70  
ALKALINE PHOSPHATASE, blood/  
ALKALINE PHOSPHATASE, metabolism/  
BLOOD PROTEINS, analysis/ BLOOD  
PROTEINS, metabolism/ \*FRACTURES,  
complications/ HEMATOMA, enzymology/  
\*HEMATOMA, metabolism/ HUMAN/  
HYDROGEN-ION CONCENTRATION/  
LACTATES, blood/ LACTATES, metabolism/  
PHOSPHORUS, blood/ PHOSPHORUS,  
metabolism
7028. Wright DJ, Jenkins DE Jr: Simplified method for estimation of serum and plasma viscosity in multiple myeloma and related disorders. Blood 36:516-22, Oct 70  
ALKYLATING AGENTS, therapeutic use/  
\*BLOOD VISCOSITY/ DENSITOMETRY,  
instrumentation/ GAMMA GLOBULIN, analysis/  
HUMAN/ HYPERGAMMAGLOBULINEMIA,  
blood/ MACROGLOBULINEMIA, blood/  
\*MULTIPLE MYELOMA, blood/ MULTIPLE  
MYELOMA, therapy/ PLASMAPHERESIS
7029. Wright IS: Recent developments in antithrombotic therapy. Ann Intern Med 71:823-31, Oct 69 (30 ref.)  
ANTICOAGULANTS, pharmacodynamics/  
\*ANTICOAGULANTS, therapeutic use/  
ASPIRIN, therapeutic use/ DRUG  
ANTAGONISM/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ PROTHROMBIN  
TIME/ REVIEW/ STREPTOKINASE,



# AUTHOR SECTION

- therapeutic use/ \*THROMBOSIS, drug therapy/  
VENOMS
7030. Wright KA, Hales H: Cytochemistry of the pellicle of bloodstream forms of *Trypanosoma* (Trypanozoon) brucei. *J Parasit* 56:871-83, Aug 70  
ANIMAL EXPERIMENTS/ CARBOHYDRATES/  
\*CELL MEMBRANE/ HISTOCYTOCHEMISTRY/  
MICE/ MICROSCOPY, ELECTRON/  
PROTEINS/ \*TRYPANOSOMA, cytology/  
TRYPANOSOMA, metabolism/ TRYPsin,  
metabolism
7031. Wright MG, Gibberd FB: Retinitis pigmentosa, haemangioma, diabetes mellitus, psoriasis, hypertension. *Proc Roy Soc Med* 63:628, Jun 70  
AGED/ \*DIABETES MELLITUS, complications/  
FEMALE/ \*HEMANGIOMA, complications/  
HUMAN/ \*HYPERTENSION, complications/  
NERVOUS SYSTEM DISEASES, etiology/  
\*PSORIASIS, complications/ \*RETINITIS  
PIGMENTOSA, complications/ THUMB
7032. Wright PW, Goodhead B: Prevention of hemorrhagic pancreatitis with fibrinolysin or heparin. *Arch Surg (Chicago)* 100:42-6, Jan 70  
ANIMAL EXPERIMENTS/ DOGS/  
\*FIBRINOLYSIN, therapeutic use/  
HEMORRHAGE, chemically induced/  
HEMORRHAGE, pathology/ \*HEMORRHAGE,  
prevention & control/ \*HEPARIN, therapeutic  
use/ PANCREAS, blood supply/  
PANCREATITIS, chemically induced/  
PANCREATITIS, pathology/ \*PANCREATITIS,  
prevention & control/ TRYPsin
7033. Wrightstone RN, Wilson JB, Miller A, et al: The structure of goat hemoglobins. IV. A third beta chain variant (betaE) with three apparent amino acid substitutions. *Arch Biochem* 138:451-6, Jun 70  
\*AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ GLUTAMATES, analysis/  
\*GOATS/ \*HEMOGLOBIN, analysis/  
HISTIDINE, analysis/ LYSINE, analysis/  
TRYPsin
7034. Wu KC: Amino acid sequence in all the tryptic peptides from the alpha polypeptide chain of AII component of chicken hemoglobin. *Acta Med Nagasaki* 14:42-71, Oct 69  
\*AMINO ACID SEQUENCE/ ANIMAL  
EXPERIMENTS/ \*CHICKENS/  
CHROMATOGRAPHY/ CHROMATOGRAPHY,  
PAPER/ \*HEMOGLOBIN, analysis/ \*PEPTIDES,  
analysis/ PEPTIDES, isolation & purification/  
TRYPsin, pharmacodynamics
7035. Wulf RJ, Mertz ET: Studies on plasminogen. 8. Species specificity of streptokinase. *Canad J Biochem* 47:927-31, Oct 69  
ANIMAL EXPERIMENTS/ CASEIN/ CATS/  
CATTLE/ COLORIMETRY/ DOGS/  
ELECTROPHORESIS/ ENZYME ACTIVATION/  
FEMALE/ FIBRINOLYTIC AGENTS/ GELS/  
HUMAN/ MALE/ MANOMETRY/ METHODS/  
MICE/ MONKEYS/ \*PLASMINOGEN/  
PLASMINOGEN, isolation & purification/  
RABBITS/ RATS/ SERUM GLOBULINS/  
SHEEP/ SPECIES SPECIFICITY/ STARCH/  
\*STREPTOKINASE/ SWINE
7036. Wunderlich R: Vergleichende Untersuchungen über die Aktivitäten der Laktat-Dehydrogenase und der Malat-Dehydrogenase bei Staphylokokken. *Zbl Bakt [Orig]* 209:569-71, 1969 (Ger)  
BACTERIAL PROTEINS, analysis/  
COAGULASE/ \*LACTATE DEHYDROGENASE,  
metabolism/ \*MALATE DEHYDROGENASE,  
metabolism/ MANNITOL, metabolism/  
STAPHYLOCOCCUS, analysis/  
\*STAPHYLOCOCCUS, enzymology
7037. Wüthrich B: Hautveränderungen und Asthma bronchiale durch biologisch aktive Waschmittel. *Deutsch Med Wschr* 95:1538, 17 Jul 70 (Ger)  
\*ASTHMA, etiology/ CHEMICAL INDUSTRY/  
\*DERMATITIS, CONTACT, etiology/  
ENVIRONMENTAL EXPOSURE/ HUMAN/  
OCCUPATIONAL DISEASES, chem synthesis/
- PEPTIDE HYDROLASES, adverse effects/  
SKIN TESTS/ \*SOAPS, adverse effects
7038. Wüthrich B, Ott F: Berufsasthma durch Proteasen in der Waschmittelindustrie. *Schweiz Med Wschr* 99:1584-6, 1 Nov 69 (Ger)  
ADULT/ \*ASTHMA, chemically induced/  
ASTHMA, immunology/ ASTHMA, prevention  
& control/ \*CHEMICAL INDUSTRY/ ENGLISH  
ABSTRACT/ ENVIRONMENTAL EXPOSURE/  
GEL DIFFUSION TESTS/  
HEMAGGLUTINATION TESTS/ HUMAN/  
MALE/ MIDDLE AGE/ \*OCCUPATIONAL  
DISEASES, chemically induced/  
OCCUPATIONAL DISEASES, immunology/  
OCCUPATIONAL DISEASES, prevention &  
control/ \*PEPTIDE HYDROLASES, adverse  
effects/ SKIN TESTS
7039. Wyatt RJ, Kupfer DJ, Scott J, et al: Longitudinal studies of the effect of monoamine oxidase inhibitors on sleep in man. *Psychopharmacologia (Berlin)* 15:236-44, 1969  
BLOOD PLATELETS, drug effects/  
DEPRESSION/ FEMALE/ HUMAN/  
HYDRAZINES, pharmacodynamics/  
ISOCARBOXAZID, pharmacodynamics/  
ISONIAZID, pharmacodynamics/ MALE/  
\*MONOAMINE OXIDASE INHIBITORS,  
pharmacodynamics/ PARGYLINE,  
pharmacodynamics/ PHENELZINE,  
pharmacodynamics/ PLACEBOS/ SLEEP, drug  
effects/ \*SLEEP, REM, drug effects/ SLEEP  
STAGES, drug effects/ TRYPTAMINES, urine
7040. Wybran J: Etude de la conservation des lymphocytes en azote liquide. *Nouv Rev Franc Hemat* 9:627-32, Sep-Oct 69 (Fre)  
\*BLOOD PRESERVATION/ DIMETHYL  
SULFOXIDE/ ENGLISH ABSTRACT/  
\*FREEZING/ HUMAN/ LYMPHOCYTE  
TRANSFORMATION/ \*LYMPHOCYTES/  
LYMPHOCYTES, immunology/ MITOSIS/  
\*NITROGEN/ PLANT AGGLUTININS/ TIME  
FACTORS/ TISSUE CULTURE
7041. Wycoff HD: Production of fibrinogen following an endotoxin injection. *Proc Soc Exp Biol Med* 133:940-3, Mar 70  
ANIMAL EXPERIMENTS/ CARBON  
ISOTOPES/ \*ENDOTOXINS, pharmacodynamics/  
ESCHERICHIA COLI/ FEMALE/  
\*FIBRINOGEN, biosynthesis/ GLYCINE,  
metabolism/ \*POLYSACCHARIDES,  
BACTERIAL, pharmacodynamics/ RATS/  
SALMONELLA TYPHIMURIUM/  
SALMONELLA TYPHOSA/ SERRATIA  
MARCESCENS/ STAPHYLOCOCCUS/  
STIMULATION, CHEMICAL
7042. Wynands JE, Sheridan CA, Batra MS, et al: Coronary artery disease. *Anesthesiology* 33:260-81, Aug 70 (218 ref.)  
AGED/ ANESTHESIA/ ANGINA PECTORIS,  
surgery/ ARRHYTHMIA, drug therapy/  
BLOOD COAGULATION DISORDERS, drug  
therapy/ BLOOD GAS ANALYSIS/ BLOOD  
PRESSURE DETERMINATION/ \*CORONARY  
DISEASE, surgery/ CORONARY VESSELS,  
physiopathology/ DOGS/  
ELECTROCARDIOGRAPHY/ HEART,  
physiopathology/ HEART RATE/ HEART  
SURGERY, mortality/ HEMATOCRIT/  
HEMODYNAMICS/ HUMAN/ HYPERTENSION/  
HYPOTENSION, therapy/ ISCHEMIA,  
physiopathology/ MALE/ MYOCARDIAL  
INFARCT, diagnosis/ MYOCARDIAL INFARCT,  
surgery/ OXYGEN, blood/ POSTOPERATIVE  
CARE/ PREOPERATIVE CARE/ REGIONAL  
BLOOD FLOW/ REVIEW
- Y
7043. Yamagami I, Suzuki Y, Ito M, et al: [Influence of various drugs on the tissue permeability. 2] *Folia Pharmacol Jap* 65:236-44, 20 May 69 (Jap)  
AMINOPYRINE, administration & dosage/  
ANIMAL EXPERIMENTS/ ANTHRANILIC  
ACID, administration & dosage/  
ANTI-INFLAMMATORY AGENTS,



## AUTHOR SECTION

- administration & dosage/ ASCORBIC ACID,  
administration & dosage/ BARBITURATES,  
administration & dosage/ CAMPHOR,  
administration & dosage/ \*CELL MEMBRANE  
PERMEABILITY, drug effects/  
CHLORCYCLIZINE, administration & dosage/  
CHLOROQUINE, administration & dosage/  
CYPROHEPTADINE, administration & dosage/  
DINITROPHENOLS, administration & dosage/  
DIPHENHYDRAMINE,  
administration & dosage/ DRUG SYNERGISM/  
ENGLISH ABSTRACT/ IMIDAZOLES,  
administration & dosage/ INDOMETHACIN,  
administration & dosage/ INJECTIONS,  
SUBCUTANEOUS/ PEPTIDE HYDROLASES,  
administration & dosage/ RATS/ ROUTIN,  
administration & dosage/ SALICYLIC ACID,  
administration & dosage/ STEROIDS,  
administration & dosage/ SYMPATHOLYTICS,  
administration & dosage
7044. Yamagami I, Suzuki Y, Ito M, et al: [Influence of various drugs on tissue permeability. (4)]  
Folia Pharmacol Jap 66:19-35, 1970 (Jap)  
\*AMINOCAPROIC ACID, pharmacodynamics/  
AMINOPYRINE, pharmacodynamics/ ANIMAL  
EXPERIMENTS/ \*ANTI-HISTAMINICS,  
pharmacodynamics/ \*ANTI-INFLAMMATORY  
AGENTS, pharmacodynamics/ BARBITURATES,  
pharmacodynamics/ CHLORCYCLIZINE,  
pharmacodynamics/ \*CHLOROQUINE,  
pharmacodynamics/ CHYMOTRYPSIN,  
antagonists & inhibitors/ CHYMOTRYPSIN,  
pharmacodynamics/ CONNECTIVE TISSUE,  
drug effects/ CYCLIZINE, pharmacodynamics/  
CYCLOHEXANECARBOXYLIC ACIDS,  
pharmacodynamics/ CYPROHEPTADINE,  
pharmacodynamics/ DEXAMETHASONE,  
pharmacodynamics/ DIPHENHYDRAMINE,  
pharmacodynamics/ DYES/ ENGLISH  
ABSTRACT/ FLUFENAMIC ACID,  
pharmacodynamics/ \*GLUCOCORTICOIDES,  
pharmacodynamics/ HISTAMINE, antagonists &  
inhibitors/ HISTAMINE, pharmacodynamics/  
HYALURONIDASE, antagonists & inhibitors/  
HYALURONIDASE, pharmacodynamics/  
INDOMETHACIN, pharmacodynamics/ MALE/  
PEPTIDE HYDROLASES, antagonists &  
inhibitors/ PEPTIDE HYDROLASES,  
pharmacodynamics/ \*PERMEABILITY/  
PHENYLBUTAZONE, pharmacodynamics/  
PREDNISOLONE, pharmacodynamics/ RATS/  
SALICYLATES, pharmacodynamics
7045. Yamagami K: [Fibrinoid formation in the cornea]  
Folia Ophthal Jap 21:8-14, Jan 70 (Jap)  
ANIMAL EXPERIMENTS/ ARTHUS  
PHENOMENON, pathology/ \*CORNEA,  
pathology/ ENGLISH ABSTRACT/ \*FIBRIN,  
analysis/ HISTOCYTOCHEMISTRY/ RABBITS
7046. Yamagiwa H, Yano S, Katsui Y, et al: [Autopsy case of cavernous hemangioma of the liver associated with anemia, thrombopenia and subcutaneous hemorrhage] Naika 24:759-61, Oct 69 (Jap)  
AGED/ \*ANEMIA, complications/ AUTOPSY/  
FEMALE/ HEMANGIOMA, CAVERNOUS,  
complications/ \*HEMANGIOMA, CAVERNOUS,  
pathology/ \*HEMORRHAGE, complications/  
HUMAN/ LIVER, pathology/ LIVER  
NEOPLASMS, complications/ \*LIVER  
NEOPLASMS, pathology/ \*THROMBOPENIA,  
complications
7047. Yamaguchi M, Ishikawa T, Iida Y, et al:  
[Immunological study on the middle ear effusion]  
J Otolaryng Jap 72:1313-22, Aug 69 (Jap)  
ADULT/ AGED/ ANIMAL EXPERIMENTS/  
\*EAR, MIDDLE, immunology/  
ELECTROPHORESIS/ \*EXUDATES AND  
TRANSUDATES, immunology/ FEMALE/  
FIBRINOGEN, analysis/ GEL DIFFUSION  
TESTS/ GOATS/ HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ LYMPH,  
immunology/ MACROGLOBULINS, analysis/  
MALE/ MIDDLE AGE/ MUCIN, analysis/  
OTITIS MEDIA, immunology/ PROTEINS,  
analysis/ RABBITS/ STAPHYLOCOCCUS,  
immunology
7048. Yamamoto G: Isolation and some properties of oligomycin-sensitive adenosine triphosphatase from beef heart mitochondria and its morphological study.  
Acta Med Okayama 24:143-59, Apr 70  
\*ADENOSINE TRIPHOSPHATASE/  
ADENOSINE TRIPHOSPHATASE, isolation &  
purification/ ADENOSINE TRIPHOSPHATE/  
AMMONIUM COMPOUNDS, pharmacodynamics/  
CATTLE/ CENTRIFUGATION, DENSITY  
GRADIENT/ HEAT/ MICROSCOPY,  
ELECTRON/ \*MITOCHONDRIA, enzymology/  
MYOCARDIUM, enzymology/ \*OLIGOMYCIN,  
pharmacodynamics/ POTASSIUM CHLORIDE/  
SULFATES, pharmacodynamics/ TRYPSIN,  
pharmacodynamics/ UREA, pharmacodynamics
7049. Yamamoto G, Oda T, Tsukamoto H: Activation and isolation of mitochondrial adenosine triphosphatase by ultrasonic irradiation.  
Acta Med Okayama 24:49-64, Feb 70  
ADENOSINE TRIPHOSPHATASE, antagonists  
& inhibitors/ \*ADENOSINE  
TRIPHOSPHATASE, isolation & purification/  
\*ADENOSINE TRIPHOSPHATASE, metabolism/  
AZIDES, pharmacodynamics/ CATTLE/  
DINITROPHENOLS, pharmacodynamics/  
HYDROGEN-ION CONCENTRATION/  
MAGNESIUM, pharmacodynamics/  
MICROSCOPY, ELECTRON/ \*MITOCHONDRIA,  
enzymology/ MITOCHONDRIA, LIVER,  
enzymology/ MYOCARDIUM, cytology/  
OLIGOMYCIN, pharmacodynamics/  
OXIDOREDUCTASES/ PROTAMINES/ RATS/  
SUCCINATE DEHYDROGENASE/  
TEMPERATURE/ \*ULTRASONICS
7050. Yamamoto H: [Fibrinolytic activity in radicular cysts]  
Shikwa Gaku 70:435-47, Mar 70 (Jap)  
ENGLISH ABSTRACT/ \*FIBRINOLYSIS/  
HUMAN/ \*RADICULAR CYST, enzymology
7051. Yamamoto S, Kabuta H, Nakagawa Y: Inhibition of herpes virus adsorption on cells by protamine.  
Kurume Med J 16:83-9, 1969  
\*ADSORPTION/ AMINO ACIDS,  
pharmacodynamics/ CELL LINE/  
\*HERPESVIRUS HUMANIS, drug effects/  
HERPESVIRUS HUMANIS, physiology/  
KIDNEY/ MONKEYS/ \*PROTAMINES,  
pharmacodynamics/ SULFATES/ TRYPSIN,  
pharmacodynamics
7052. Yamamoto T, Oka H, Suzuki Y, et al: [Postoperative electroencephalographic studies of traumatic intracranial hematoma]  
Brain Nerve (Tokyo) 21:1079-87, Oct 69 (Jap)  
ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ CHILD/ CHRONIC DISEASE/  
\*ELECTROENCEPHALOGRAPHY/ ENGLISH  
ABSTRACT/ EPILEPSY, etiology/ FEMALE/  
\*HEAD INJURIES, complications/ HEMATOMA,  
etiology/ \*HEMATOMA, physiopathology/  
HEMATOMA, surgery/ HEMATOMA,  
EPIDURAL, surgery/ HEMATOMA,  
SUBDURAL, surgery/ HUMAN/ MALE/  
MIDDLE AGE/ \*SKULL FRACTURES,  
complications
7053. Yamamoto T, Okukuki K: Redox state of cytochrome a and its sensitivity to proteinases.  
J Biochem (Tokyo) 67:505-6, Mar 70  
CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/  
\*CYTOCHROMES/ IRON/  
OXIDATION-REDUCTION/ \*PEPTIDE  
HYDROLASES/ TIME FACTORS
7054. Yamamura Y: [Liver function tests and enzymes]  
Iryo 23:855-65, Jul 69 (Jap)  
ACETYLESTERASE, blood/ ADULT/ AGED/  
ALANINE AMINOTRANSFERASE, blood/  
ANIMAL EXPERIMENTS/ ASPARTATE  
AMINOTRANSFERASE, blood/  
COLORIMETRY/ ELECTROPHORESIS/  
ENGLISH ABSTRACT/ \*ENZYME TESTS/  
\*ENZYMES, blood/ FEMALE/ FIBRINOLYSIN,  
biosynthesis/ GLUCOCORTICOIDES,  
pharmacodynamics/ HEPATITIS, blood/  
HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/  
LIVER, pathology/ LIVER CIRRHOSIS/



# AUTHOR SECTION

- \*LIVER FUNCTION TESTS/ MALE/ MICE/  
MIDDLE AGE
7055. Yamamura Y: [Enzyme preparation--clinical study]  
Jap J Clin Med 28:Suppl:644-7, 25 Mar 70 (Jap)  
HUMAN/ \*NUCLEOTIDYLTRANSFERASES,  
therapeutic use/ \*OXIDOREDUCTASES,  
therapeutic use/ \*PEPTIDE HYDROLASES,  
therapeutic use
7056. Yamanaka M: [Adhesion and aggregation of blood  
platelets] Acta Haemat Jap 32:32-7, Feb 69 (Jap)  
ADENOSINE TRIPHOSPHATE/ ANIMAL  
EXPERIMENTS/ \*BLOOD PLATELETS,  
physiology/ COLLAGEN/ ENGLISH  
ABSTRACT/ PLATELET ADHESIVENESS/  
RABBITS
7057. Yamanaka M: [Hemorrhagic diathesis (excluding  
thrombopenia, leukemia and aplastic anemia)]  
Naika 25:1220-2, Jun 70 (Jap)  
\*HEMORRHAGIC DIATHESIS, drug therapy/  
HEMOSTATICS, therapeutic use/ HUMAN
7058. Yamanaka M, Isobe J, Kono Y: [Blood coagulation tests  
in the hematological laboratory--equipment and  
management]  
Jap J Clin Path 16:Suppl 16:19-28, 1969 (Jap)  
\*BLOOD COAGULATION TESTS/ BLOOD  
COAGULATION TESTS, instrumentation
7059. Yamasaki H, Endo K, Saeki K: Plasma histamine and  
coagulation time of the blood in dogs after  
administration of different histamine releasers.  
Acta Med Okayama 23:453-64, 1969  
ANAPHYLAXIS/ ANIMAL EXPERIMENTS/  
\*BLOOD COAGULATION, drug effects/  
BLOOD PRESSURE, drug effects/  
\*COMPOUND 48-80, pharmacodynamics/ DOGS/  
FEMALE/ FEMORAL ARTERY/ \*HISTAMINE,  
blood/ HISTAMINE LIBERATION/  
INJECTIONS, INTRAVENOUS/ MALE/  
\*POLYVINYLPIRROLIDONE,  
pharmacodynamics/ \*SURFACE-ACTIVE  
AGENTS, pharmacodynamics/ TIME FACTORS
7060. Yamasaki M, Yoshida K, Arima K: ATP-inhibited  
ribonuclease of *Bacillus subtilis*. I. Purification and  
general properties.  
Biochim Biophys Acta 209:463-74, 1970  
ACID PHOSPHATASE, metabolism/  
\*ADENOSINE TRIPHOSPHATE,  
pharmacodynamics/ ALKALINE  
PHOSPHATASE, metabolism/ \*BACILLUS  
SUBTILIS, enzymology/ CHROMATOGRAPHY,  
ION EXCHANGE/ CHROMATOGRAPHY,  
PAPER/ DEOXYRIBONUCLEASE, metabolism/  
ELECTROPHORESIS, DISK/ GEL  
FILTRATION/ HEAT/ HYDROGEN-ION  
CONCENTRATION/ KINETICS/ METHODS/  
PEPTIDE HYDROLASES, metabolism/  
PHOSPHATASES, metabolism/  
RIBONUCLEASE, antagonists & inhibitors/  
\*RIBONUCLEASE, isolation & purification
7061. Yamasaki N, Kikutani M, Sonenberg M: Peptides of a  
biologically active tryptic digest of bovine growth  
hormone. Biochemistry (Wash) 9:1107-14, 3 Mar 70  
ALANINE, analysis/ AMINO ACIDS, analysis/  
ANIMAL EXPERIMENTS/ ARGININE,  
analysis/ BIOLOGICAL ASSAY/ BONE AND  
BONES, drug effects/ CATTLE/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
ELECTROPHORESIS, DISK/ GEL  
FILTRATION/ HYPOPHYSECTOMY/  
MOLECULAR WEIGHT/ \*PEPTIDES, analysis/  
PEPTIDES, physiology/ PHENYLALANINE,  
analysis/ PITUITARY GLAND, physiology/  
RATS/ SERINE, analysis/ \*SOMATOTROPIN,  
analysis/ TRYPSIN/  
ULTRACENTRIFUGATION/ VALINE, analysis
7062. Yamashita J, Fukumitsu T: [Spontaneous  
intracerebellar hematoma; report of a case and review  
of surgically treated cases in the literature]  
Brain Nerve (Tokyo) 22:983-8, Aug 70 (Jap)  
CASE REPORT/ CEREBELLAR DISEASES,  
diagnosis/ CEREBELLAR DISEASES,  
pathology/ CEREBELLAR DISEASES,  
radiography/ \*CEREBELLAR DISEASES,  
surgery/ HEMATOMA, diagnosis/ HEMATOMA,  
pathology/ HEMATOMA, radiography/  
\*HEMATOMA, surgery/ HUMAN/ MALE/  
MIDDLE AGE
7063. Yamazaki H, Murase H, Ijiri H, et al: The appearance  
and destruction of platelet-clumping substance in  
serum added with trypsin.  
Thromb Diath Haemorrh 23:469-76, 30 Jun 70  
ADSORPTION/ ANIMAL EXPERIMENTS/  
BARIUM SULFATE/ \*BLOOD PLATELETS,  
drug effects/ EDTA/ HEPARIN,  
pharmacodynamics/ HYDROGEN-ION  
CONCENTRATION/ MALE/ PLATELET  
ADHESIVENESS, drug effects/ RABBITS/  
\*TRYPSIN, pharmacodynamics
7064. Yamazaki H, Murase H, Shimamoto T, et al:  
Chromatographic and electrophoretic separation of  
platelet-clumping substance in rabbit plasma.  
Jap J Physiol 20:261-71, 15 Jun 70  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*BLOOD PLATELETS/  
\*CHROMATOGRAPHY/ CHROMATOGRAPHY,  
DEAE-CELLULOSE/ CHROMATOGRAPHY, ION  
EXCHANGE/ \*ELECTROPHORESIS/ GEL  
FILTRATION/ IMMUNOELECTROPHORESIS/  
MALE/ RABBITS
7065. Yamazaki H, Sano T, Odakura T, et al:  
Electrocardiographic and hematological changes by  
exercise test in coronary patients and  
pyridinolcarbamate pretreatment. A double-blind  
crossover trial. Amer Heart J 79:640-7, May 70  
ADULT/ AGED/ ANGINA PECTORIS,  
physiopathology/ BLOOD COAGULATION  
TESTS/ BLOOD PLATELETS, analysis/  
\*CARBAMATES/ CLINICAL RESEARCH/  
COMPARATIVE STUDY/ CORONARY  
DISEASE, drug therapy/ \*CORONARY  
DISEASE, physiopathology/  
ELECTROCARDIOGRAPHY/ \*EXERCISE  
TEST/ FEMALE/ HUMAN/ MALE/ MIDDLE  
AGE/ PLACEBOS/ PROTHROMBIN TIME
7066. Yanagimachi R, Noda YD: Physiological changes in the  
postnuclear cap region of mammalian spermatozoa: a  
necessary preliminary to the membrane fusion  
between sperm and egg cells.  
J Ultrastruct Res 31:486-93, Jun 70  
ANIMAL EXPERIMENTS/ CELL MEMBRANE/  
FEMALE/ \*FERTILIZATION/  
GONADOTROPINS, CHORIONIC,  
pharmacodynamics/ HAMSTERS/  
HYALURONIDASE, pharmacodynamics/ MALE/  
MICROSCOPY, ELECTRON/ MICROSCOPY,  
PHASE CONTRAST/ OVUM, drug effects/  
\*SPERMATOOZOA, physiology/ TRYPSIN,  
pharmacodynamics
7067. Yankee RA, Grumet FC, Rogentine GN: Platelet  
transfusion The selection of compatible platelet  
donors for refractory patients by lymphocyte HL-A  
typing. New Eng J Med 281:1208-12, 27 Nov 69  
ADULT/ ALLELES/ \*ANEMIA, APLASTIC,  
therapy/ ANTIGENS/ BLOOD CELL COUNT/  
\*BLOOD DONORS/ BLOOD GROUPS/ \*BLOOD  
PLATELETS/ \*BLOOD TRANSFUSION/  
CHROMIUM ISOTOPES/ FEMALE/  
GENOTYPE/ HISTOCOMPATIBILITY/  
\*HISTOCOMPATIBILITY TESTING/ HUMAN/  
IMMUNE SERUMS/ \*LYMPHOCYTES,  
immunology/ MALE/ METHODS/ MIDDLE  
AGE/ PHENOTYPE
7068. Yasargil MG: Möglickkeiten und Grenzen der  
Gefäßschirurgie des Zentralnervensystems.  
Bull Schweiz Akad Med Wiss 24:487-93, Jul 69 (Ger)  
ARTERIOVENOUS FISTULA, surgery/ BRAIN  
NEOPLASMS, surgery/ CEREBRAL  
ANEURYSM, surgery/ CEREBRAL EMBOLISM  
AND THROMBOSIS, surgery/  
\*CEREBROVASCULAR DISORDERS, surgery/  
ENGLISH ABSTRACT/ HEMANGIOMA,  
surgery/ HUMAN/ MICROSURGERY
7069. Yasuda Y, Takahashi N, Murachi T: The composition  
and structure of carbohydrate moiety of stem  
bromelain. Biochemistry (Wash) 9:25-32, 6 Jan 70  
\*BROMELAINS, analysis/ \*CARBOHYDRATES,



# AUTHOR SECTION

- analysis/ FUCOSE, analysis/ GLUCOSAMINE, analysis/ GLYCOSIDE HYDROLASES/ KIDNEY, enzymology/ LIVER, enzymology/ MANNOSE, analysis/ OLIGOSACCHARIDES, analysis/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PERIODIC ACIDS/ \*PLANTS, enzymology/ SNAILS/ SWINE/ XYLOSE, analysis
7070. Yasugi T, Sasa E: [Currently used therapeutic agents for arteriosclerosis-with special reference to a protein anabolic hormone, clofibrate (C.P.I.B.)] Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)  
ANABOLIC STEROIDS, therapeutic use/  
ANDROGENS, therapeutic use/  
\*ANTICHOLESTEREMIC AGENTS, therapeutic use/  
\*ARTERIOSCLEROSIS, drug therapy/  
CLOFIBRATE, therapeutic use/ DEXTRAN, therapeutic use/ FATTY ACIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PHOSPHOLIPIDS, therapeutic use/  
\*PROPIONATES, therapeutic use/ REVIEW/ RIBOFLAVIN, therapeutic use/ THYROXINE, therapeutic use
7071. Yasugi T, Sasa E: [Currently used therapeutic agents for arteriosclerosis-with special reference to a protein anabolic hormone, clofibrate (C.P.I.B.)] Jap J Clin Med 28:1470-4, May 70 (25 ref.) (Jap)  
ANABOLIC STEROIDS, therapeutic use/  
ANDROGENS, therapeutic use/  
\*ANTICHOLESTEREMIC AGENTS, therapeutic use/  
\*ARTERIOSCLEROSIS, drug therapy/  
CLOFIBRATE, therapeutic use/ DEXTRAN, therapeutic use/ FATTY ACIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PHOSPHOLIPIDS, therapeutic use/  
\*PROPIONATES, therapeutic use/ REVIEW/ RIBOFLAVIN, therapeutic use/ THYROXINE, therapeutic use
7072. Yasunaga K: [Effect of chlorophenoxy-isobutyric ester on platelet adhesiveness and aggregation in the patients with arteriosclerosis and diabetes mellitus] Jap Arch Intern Med 16:393-403, Oct 69 (Jap)  
AGED/ \*ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTICHOLESTEREMIC AGENTS, therapeutic use/  
\*ARTERIOSCLEROSIS, drug therapy/ \*BLOOD PLATELETS, drug effects/ \*BUTYRATES, pharmacodynamics/ BUTYRATES, therapeutic use/ \*DIABETES MELLITUS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEMAGGLUTINATION, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY
7073. Yatzidis H, Psimenos G, Oreopoulos D, et al: Bilateral subcapsular hematoma after needle biopsy of one kidney. Angiology 20:580-4, Nov 69  
ADULT/ AUTOPSY/ \*BIOPSY, adverse effects/ \*HEMATOMA, etiology/ HEMATOMA, pathology/ HUMAN/ HYPERTENSION, complications/ \*KIDNEY, pathology/ MALE
7074. Yeh KC, Loucas SP, Haddad HM: Light-scattering investigation of protamine sulfate. J Pharm Sci 58:1163-4, Sep 69  
CHEMISTRY/ MOLECULAR WEIGHT/ \*PROTAMINES/ SPECTROPHOTOMETRY/ SULFATES
7075. Yeung JM: Effect of normal menstrual cycle on platelet adhesiveness. Henry Ford Hosp Med J 18:193-200, Fall 70  
\*BLOOD PLATELETS/ FEMALE/ HUMAN/ MALE/ \*MENSTRUATION/ PLATELET ADHESIVENESS
7076. Ygge J: Studies on blood coagulation and fibrinolysis in conditions associated with an increased incidence of thrombosis. Methodological and clinical investigations. Scand J Haemat Suppl 11:1+, 1970  
ADULT/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ \*PLASMINOGEN, analysis/ PLASMINOGEN, metabolism/ PUERPERIUM/ SURGERY, OPERATIVE/ \*THROMBOSIS, enzymology/ TIME FACTORS
7077. Ygge J: Variation in the individual subject of some parameters in blood coagulation and fibrinolysis. A longitudinal study in young, healthy women. Scand J Haemat 6:343-7, 1969  
ADULT/ BLOOD CELL COUNT/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ \*BLOOD PLATELETS, physiology/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ HUMAN/ PLASMINOGEN, analysis/ PROTHROMBIN TIME/ STATISTICS
7078. Ygge J: Changes in blood coagulation and fibrinolysis during the postoperative period. Amer J Surg 119:225-32, Mar 70  
ADULT/ BLOOD CELL COUNT/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHOLECYSTECTOMY/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ \*FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ GASTRECTOMY/ GOITER, surgery/ HEMOSTASIS/ HUMAN/ INTESTINAL DISEASES, surgery/ KIDNEY CALCULI, surgery/ LAPAROTOMY/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ PROSTATECTOMY/ PROTHROMBIN, analysis/ \*SURGERY, OPERATIVE/ TIME FACTORS/ URETERAL CALCULI, surgery
7079. Yim DW, Wakabayashi A, Hirai J, et al: Nonthrombogenic extracorporeal portosystemic shunt. Arch Surg (Chicago) 100:367-71, Apr 70  
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CARBON/ \*CATHETERIZATION/ CATHETERIZATION, instrumentation/ DOGS/ \*ESOPHAGEAL VARICES, surgery/ \*EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, instrumentation/ HEPARIN/ METHODS/ POLYURETHANES/ POLYVINYLS/ \*PORTAL VEIN, surgery/ \*THROMBOSIS, prevention & control/ UMBILICAL VEINS
7080. Yin ET, Wessler S: Heparin-accelerated inhibition of activated factor X by its natural plasma inhibitor. Biochim Biophys Acta 201:387-90, 24 Feb 70  
BLOOD COAGULATION, drug effects/ \*FACTOR X, antagonists & inhibitors/ \*HEPARIN, pharmacodynamics/ HUMAN/ TIME FACTORS
7081. Yip LC, Hodes ME: Trypsin esterase binding and its relation to the radiation-leukemia protection (RLP) factor. Proc Soc Exp Biol Med 133:1285-8, Apr 70  
\*ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ \*BLOOD/ \*ESTERASES/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ \*LEUKEMIA, RADIATION-INDUCED, prevention & control/ \*MACROGLOBULINS, analysis/ MICE/ \*PROTEIN BINDING/ RABBITS/ SHEEP/ \*SPLEEN, analysis/ TISSUE EXTRACTS, analysis/ \*TRYPSIN
7082. Yodfat Y: Toxic effects of chloramphenicol. A survey of children treated in general practice. Israel J Med Sci 5:1184-7, Nov-Dec 69  
ANEMIA, APLASTIC, chemically induced/ BLOOD CELL COUNT/ BLOOD PLATELETS/ \*BONE MARROW DISEASES, chemically induced/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, administration & dosage/ \*CHLORAMPHENICOL, adverse effects/ ERYTHROCYTES/ HEMOGLOBIN/ HUMAN/ INFANT/ IRON, blood/ JEWS/ LEUKOCYTES/ RETICULOCYTES
7083. Yogo I: [Biological characteristics of urinary HCG, with special reference to the synthetic HCG. 3. Studies on



# AUTHOR SECTION

- inactivation of synthetic HCG]  
J Jap Obstet Gynec Soc 21:1293-300, Nov 69 (Jap)  
AMINOPEPTIDASES/ ANIMAL  
EXPERIMENTS/ BIOLOGICAL ASSAY/  
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/  
CYANATES/ ENZYMES/ FEMALE/  
\*GONADOTROPINS, CHORIONIC/  
GONADOTROPINS, CHORIONIC, chem  
synthesis/ HEAT/ POTASSIUM/ RATS/ UREA
7084. Yokomura E: Induction of phagocytosis of iron colloid  
by Ehrlich ascites tumor cells with polycationic  
substances. Gann 60:439-47, Aug 69  
ANIMAL EXPERIMENTS/ BROMIDES,  
pharmacodynamics/ \*CARCINOMA, EHRlich  
TUMOR, immunology/ CHONDROITIN,  
pharmacodynamics/ \*COLLOIDS/  
CYTOCHROMES, pharmacodynamics/  
HEPARIN, pharmacodynamics/ HISTONES,  
pharmacodynamics/ IN VITRO/ \*IRON/  
MACROPHAGES, immunology/ MICE/  
MICROSCOPY, ELECTRON/ \*PHAGOCYTOSIS,  
drug effects/ PROTAMINES,  
pharmacodynamics/ SERUM ALBUMIN,  
BOVINE/ SODIUM, pharmacodynamics/  
SULFATES, pharmacodynamics
7085. Yokono O, Miyake K, Oda T, et al: [Methods of  
biochemical diagnosis of pancreatic diseases]  
Naika 26:204-10, Aug 70 (Jap)  
AMYLASE, metabolism/ HUMAN/ LIPASE,  
metabolism/ \*PANCREATIC DISEASES,  
diagnosis/ PANCREATIC DISEASES,  
enzymology/ TRYPSIN, metabolism
7086. Yokoyama M: New technique for the creation of an  
atrial septal defect. Jap Heart J 11:177-82, Mar 70  
ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION/ DOGS/ \*HEART SEPTAL  
DEFECTS, ATRIAL/ METHODS/ PULMONARY  
CIRCULATION/ THROMBOSIS, etiology/  
\*TRANSPOSITION OF GREAT VESSELS,  
surgery
7087. Yoshida H: [Thrombelastographic studies on blood  
coagulation during antigen-antibody reaction]  
Jap J Allerg 19:82-90, Feb 70 (Jap)  
ANAPHYLAXIS, blood/ ANIMAL  
EXPERIMENTS/ \*ANTIGEN-ANTIBODY  
REACTIONS/ \*BLOOD COAGULATION/  
FIBRINOGEN, analysis/ IN VITRO/  
OVALBUMIN/ RABBITS/  
\*THROMBELASTOGRAPHY
7088. Yoshida N: [Active site of trypsin and chymotrypsin;  
catalytic site and substrate binding site]  
Protein (Tokyo) 15:1125-6, Oct 70 (Jap)  
\*BINDING SITES/ \*CHYMOTRYPSIN/  
\*TRYPSIN
7089. Yoshida T, Hunter RL, Benacerraf B:  
Immunosuppressive effect of the depletion of  
circulating lymphocytes by chronic irradiation of the  
rat spleen. J Immun 104:1111-6, May 70  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ \*ANTIBODY FORMATION,  
radiation effects/ ANTIGENS/  
CHROMATOGRAPHY, THIN LAYER/  
DINITROPHENOLS/ GAMMA GLOBULIN/  
HYPERSENSITIVITY, DELAYED, immunology/  
IMMUNITY, radiation effects/ LYMPH  
NODES, immunology/ \*LYMPHOCYTES,  
immunology/ LYMPHOCYTES,  
radiation effects/ LYMPHOPENIA, etiology/  
PHOSPHORUS ISOTOPES/ POLYETHYLENES/  
PRECIPITIN TESTS/ \*RADIATION EFFECTS/  
RATS/ SPLEEN, immunology/ \*SPLEEN,  
radiation effects/ TRITIUM
7090. Yoshida T, Paul WE, Benacerraf B: Genetic control of  
the specificity of anti-DNP antibodies. I. Differences  
in the specificity of anti-DNP antibody produced by  
mammalian species. J Immun 105:306-13, Aug 70  
AMINOCAPROIC ACID/ ANILINE  
COMPOUNDS/ ANIMAL EXPERIMENTS/  
\*ANTIBODIES, analysis/ ANTIBODY  
FORMATION/ ANTIBODY SPECIFICITY/  
ANTIGEN-ANTIBODY REACTIONS/  
\*DINITROPHENOLS/ FIBRINOGEN/  
FREUND'S ADJUVANT/ GAMMA GLOBULIN/  
GUINEA PIGS/ HAPTENS/ HEMOCYANIN/  
IMMUNIZATION/ MOLLUSCA/  
NITROBENZENES/ RABBITS/ \*SPECIES  
SPECIFICITY/ TRITIUM
7091. Yoshida T, Yoshida H, Kasukawa R:  
Thrombelastographic studies on coagulation under  
influence of antigen-antibody reactions.  
Int Arch Allerg 38:627-34, 1970  
ANIMAL EXPERIMENTS/ ANTIBODIES/  
\*ANTIGEN-ANTIBODY REACTIONS/  
ANTIGENS/ BLOOD CELL COUNT/ \*BLOOD  
COAGULATION/ BLOOD PLATELETS/  
FIBRINOGEN, analysis/ IMMUNIZATION/  
OVALBUMIN/ RABBITS/ SERUM ALBUMIN,  
BOVINE/ \*THROMBELASTOGRAPHY
7092. Yoshida Y, Kumaoka H: Purification of cytochrome  
b5-like hemoprotein from anaerobically grown yeast.  
Blochim Biophys Acta 189:461-3, 1969  
AIR/ CARBON MONOXIDE/ CULTURE  
MEDIA/ CYTOCHROMES, analysis/  
\*CYTOCHROMES, isolation & purification/  
\*HEME, isolation & purification/ METHODS/  
NAD/ NADP/ OXIDATION-REDUCTION/  
PIGMENTS, analysis/ \*PLANT PROTEINS,  
isolation & purification/ \*SACCHAROMYCES,  
analysis/ SACCHAROMYCES, drug effects/  
SOLUBILITY/ SPECTRUM ANALYSIS/  
TRYPSIN
7093. Yoshinaga M, Mayumi M, Yamamoto S, et al:  
Immunoglobulin G as possible precursor of  
chemotactic factor.  
Nature (London) 225:1138-9, 21 Mar 70  
ARTHUS PHENOMENON, immunology/  
BURNS, immunology/ \*CHEMOTAXIS/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
FILTRATION/ \*GAMMA GLOBULIN, 7S,  
analysis/ IMMUNOELECTROPHORESIS/  
\*INFLAMMATION, immunology/  
NEUTROPHILS, drug effects/ PEPTIDE  
HYDROLASES/ RABBITS
7094. Yoshinaga M, Yamamoto S, Kiyota S, et al: [Mechanism  
of leukocyte migration in microcirculation]  
Saishin Igaku 25:1641-52, Aug 70 (102 ref.) (Jap)  
ANIMAL EXPERIMENTS/ BACTERIA/  
\*BLOOD CIRCULATION/ \*CAPILLARIES,  
physiopathology/ CAPILLARY  
PERMEABILITY/ \*CELL MOVEMENT/  
CHEMOTAXIS/ COMPLEMENT/ HUMAN/  
INFECTION, physiopathology/  
INFLAMMATION, physiopathology/  
\*LEUKOCYTES, physiopathology/  
MICROCIRCULATION, physiopathology/  
PEPTIDE HYDROLASES, pharmacodynamics/  
RABBITS/ REVIEW
7095. Yoshioka K, Kita E, Furouchi T, et al: [Clinical  
observations on hemophilia]  
Iryo 24:95-103, Feb 70 (Jap)  
ADULT/ BLOOD COAGULATION TESTS/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
\*HEMOPHILIA/ HUMAN/ INFANT/ MALE/  
PEDIGREE
7096. Yoshioka Y: [Studies on intestinal absorption of  
proteolytic enzyme]  
Sapporo Med J 36:41-52, Jul-Aug 69 (Jap)  
ANIMAL EXPERIMENTS/ ENGLISH  
ABSTRACT/ HUMAN/ \*INTESTINAL  
ABSORPTION/ PEPTIDE HYDROLASES,  
antagonists & inhibitors/ PEPTIDE  
HYDROLASES, blood/ \*PEPTIDE  
HYDROLASES, metabolism/ RABBITS
7097. Young JD, Leung CY: Immunochemical studies on  
lysozyme and carboxymethylated lysozyme.  
Biochemistry (Wash) 9:2755-62, 7 Jul 70  
AMINO ACIDS, analysis/ ANIMAL  
EXPERIMENTS/ ANTIGEN-ANTIBODY  
REACTIONS/ CHICKENS/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHYMOTRYPSIN/ COMPLEMENT FIXATION  
TESTS/ CROSS REACTIONS/ CYANIDES/  
GEL FILTRATION/ IMMUNE SERUMS/  
IODINE ISOTOPES/ MODELS, STRUCTURAL/  
\*MURAMIDASE/ OVUM, enzymology/  
PEPTIDES/ RABBITS/ TRYPSIN



## AUTHOR SECTION

7098. Young MC, Kolmen SN: Recovery of fibrinogen in fibrinolytic dogs. Influence of split products. Thromb Diath Haemorrh 23:50-7, 28 Feb 70  
\*AFIBRINOGENEMIA, metabolism/  
AMINOCAPROIC ACID, pharmacodynamics/  
AMMONIUM COMPOUNDS/ ANIMAL  
EXPERIMENTS/ BLOOD PROTEINS, analysis/  
DENSITOMETRY/ DOGS/ ENZYME  
ACTIVATION/ EXCHANGE TRANSFUSION/  
FIBRINOGEN, analysis/ \*FIBRINOGEN,  
metabolism/ FIBRINOLYSIS, drug effects/  
HEAT/ HEMATOCRIT/ LYMPH, analysis/  
PLASMINOGEN/ PRECIPITATION/  
STREPTOKINASE/ SULFATES
7099. Younger RK, Butts WH, Scott HW Jr: Effects of an anion exchange resin (cholestyramine) on atherogenesis in rhesus monkeys. Amer Surg 35:886-8, Dec 69  
ANIMAL EXPERIMENTS/  
\*ARTERIOSCLEROSIS, prevention & control/  
\*CHOLESTYRAMINE, pharmacodynamics/  
DIET, ATHEROGENIC/  
HYPERCHOLESTEREMIA, prevention & control/ IODINE ISOTOPES/ MONKEYS/  
TIME FACTORS
7100. Younger RK, Shepard GH, Butts WH, et al: Comparison of the protective effects of cholestyramine and ileal bypass in rhesus monkeys on an atherogenic regimen. Surg Forum 20:101-3, 1969  
ANIMAL EXPERIMENTS/  
ARTERIOSCLEROSIS, pathology/  
\*ARTERIOSCLEROSIS, prevention & control/  
\*CHOLESTYRAMINE, therapeutic use/  
COMPARATIVE STUDY/ DIET,  
ATHEROGENIC/ \*HYPERCHOLESTEREMIA,  
prevention & control/ \*ILEUM, surgery/  
METHODS/ MONKEYS
7101. Yousef IM, Emery RS, Askew EW, et al: Comparison of several enzymes and components of milk, blood, and tissues between cows and ewes. J Dairy Sci 52:1577-81, Oct 69  
ACETATES, analysis/ \*ADIPOSE TISSUE,  
analysis/ ANIMAL EXPERIMENTS/ \*BLOOD  
PROTEINS, analysis/ \*CASEIN, analysis/  
\*CATTLE, metabolism/ \*ENZYMES,  
metabolism/ FATS, analysis/ FATTY ACIDS,  
analysis/ FEMALE/ GLYCERIDES, analysis/  
LEUCINE, analysis/ LIPOPROTEIN LIPASE,  
analysis/ \*LIVER, analysis/ \*MAMMAE,  
analysis/ \*MILK, analysis/ \*SHEEP,  
metabolism/ TRIGLYCERIDES, biosynthesis
7102. Yu RJ, Harmon SR, Wachter PE, et al: Amino acid composition and specificity of a keratinase of Trichophyton mentagrophytes. Arch Biochem 135:363-70, Dec 69  
ACRYLATES/ AMIDES/ \*AMINO ACIDS,  
analysis/ ANIMAL EXPERIMENTS/  
ANTIGENS/ AUTOANALYSIS/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CHROMATOGRAPHY, ION EXCHANGE/  
CHROMATOGRAPHY, THIN LAYER/  
CULTURE MEDIA/ ELECTROPHORESIS,  
DISK/ ESTERS/ GEL DIFFUSION TESTS/  
GELS/ HYDROGEN-ION CONCENTRATION/  
IMMUNE SERUMS/ KERATIN/ MALE/  
METHODS/ \*PEPTIDE  
PEPTIDOHYDROLASES/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, isolation &  
purification/ PROTEINS/ RABBITS/  
SPECTROPHOTOMETRY/ \*TRICHOPHYTON,  
enzymology/ ULTRACENTRIFUGATION/  
ULTRAVIOLET RAYS
7103. Yu SH, Viswanatha T: Alpha-chymotrypsin-catalyzed hydrolysis of N-furylacryloyl-tyrosine derivatives. Europ J Biochem 11:347-52, Dec 69  
\*ACRYLATES/ CHEMISTRY/  
\*CHYMOTRYPSIN/ CHYMOTRYPSIN,  
antagonists & inhibitors/ \*FURANS/  
HYDROGEN-ION CONCENTRATION/  
KINETICS/ SPECTROPHOTOMETRY/  
STEREISOMERS/ \*TYROSINE
7104. Yudkin J: Dietary prevention of atherosclerosis. Lancet 1:418, 21 Feb 70
- ANIMAL EXPERIMENTS/  
ARTERIOSCLEROSIS, etiology/  
\*ARTERIOSCLEROSIS, prevention & control/  
CHOLESTEROL, blood/ DIET/ \*DIET,  
ATHEROGENIC/ DIETARY  
CARBOHYDRATES/ HUMAN/ RABBITS/  
RATS/ TRIGLYCERIDES, blood
7105. Yunis AA: Drug-induced bone marrow injury. Advances Intern Med 15:357-76, 1969 (101 ref.)  
ADULT/ AGRANULOCYTOSIS, chemically  
induced/ ANEMIA, APLASTIC, chemically  
induced/ \*BONE MARROW DISEASES,  
chemically induced/ BONE MARROW  
DISEASES, therapy/ CHILD, PRESCHOOL/  
CHLORAMPHENICOL, adverse effects/  
DIPHENYLHYDANTOIN, adverse effects/  
HEMOGLOBINURIA, PAROXYSMAL,  
chemically induced/ HUMAN/ LEUKEMIA,  
chemically induced/ REVIEW/  
\*THROMBOPENIA, chemically induced/  
THROMBOPENIA, therapy
- ### Z
7106. Zaborski F, Nita Z, Septol-Nowak J, et al: Dwa przypadki zatoru wodami płodowymi. Pol Tyg Lek 25:223-5, 9 Feb 70 (Pol)  
ADULT/ CESAREAN SECTION/ \*EMBOLISM,  
AMNIOTIC FLUID/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ LABOR  
COMPLICATIONS/ PREGNANCY
7107. Zacharski LR, Bowie EJ, Titus JL, et al: Cell-culture synthesis of a factor VIII-like activity. Mayo Clin Proc 44:784-92, Nov 69  
BLOOD COAGULATION TESTS/ FACTOR  
VIII, analysis/ \*FACTOR VIII, biosynthesis/  
FACTOR IX, analysis/ FIBROBLASTS/ HELA  
CELLS/ HEMOPHILIA, metabolism/ HUMAN/  
IN VITRO/ KIDNEY/ LIVER/ MONKEYS/  
THROMBOPLASTIN, pharmacodynamics/ TIME  
FACTORS/ \*TISSUE CULTURE
7108. Zaets TL, Nikulin VI: K voprosu o roli glukokortikoidnoi i mineralokortikoidnoi sekretsi v narusheniiakh belkovogo obmena posle termicheskoi travmy. Dokl Akad Nauk SSSR 192:246-9, May-Jun 70 (Rus)  
ADRENALECTOMY/ ANIMAL EXPERIMENTS/  
\*BURNS, metabolism/ \*CORTISONE,  
physiology/ \*DESOXYCORTICOSTERONE,  
physiology/ KIDNEY, enzymology/ LIVER,  
enzymology/ MALE/ METHIONINE,  
metabolism/ MUSCLES, enzymology/  
\*PEPTIDE HYDROLASES, metabolism/ RATS/  
SULFUR ISOTOPES
7109. Zagalski J: Rola czynnika urazowego w powstawaniu naczynek krwionośnych skóry. Pat Pol 20:153-61, Apr-Jun 69 (Pol)  
ADOLESCENCE/ ADULT/ \*BIRTH INJURY,  
complications/ CHILD/ CHILD, PRESCHOOL/  
ENGLISH ABSTRACT/ \*FACIAL NEOPLASMS,  
etiology/ FEMALE/ \*HEMANGIOMA, etiology/  
HEMANGIOMA, CAVERNOUS, etiology/  
HUMAN/ INFANT/ INFANT, NEWBORN/  
MALE/ MIDDLE AGE/ \*SKIN, injuries/ SKIN  
NEOPLASMS, etiology/ TONGUE NEOPLASMS,  
etiology
7110. Zagórski W, Kaniuga Z, Mateuffel-Cymborowska M, et al: Oxidation of reduced nicotinamide adenine dinucleotide by Mycobacterium phlei. Acta Microbiol Pol [A] 1:135-44, 1969  
BISHYDROXYCOUMARIN, pharmacodynamics/  
CELL MEMBRANE, metabolism/  
CHROMATOGRAPHY, DEAE-CELLULOSE/  
CYANIDES, pharmacodynamics/ CYCLIC  
N-OXIDES, pharmacodynamics/ CYTOPLASM,  
metabolism/ \*MYCOBACTERIUM, enzymology/  
\*NAD, metabolism/ OXIDATION-REDUCTION/  
\*OXIDOREDUCTASES, analysis/ OXYGEN  
CONSUMPTION/ QUINACRINE,  
pharmacodynamics/ QUINOLINES,  
pharmacodynamics/ ULTRASONICS
7111. Zahavi J, Danon D, Dreyfuss F, et al: A method for automatic recording of the osmotic fragility of blood platelets. Thromb Diath Haemorrh 23:182-8, 28 Feb 70



## AUTHOR SECTION

- ADULT/ AUTOMATIC DATA PROCESSING/  
\*BLOOD PLATELETS/ FEMALE/ HUMAN/  
MALE/ METHODS/ MIDDLE AGE/ \*OSMOTIC  
FRAGILITY/ OSMOTIC FRAGILITY,  
instrumentation
7112. Zahnley JC, Davis JG: Determination of  
trypsin-inhibitor complex dissociation by use of the  
active site titrant, p-nitrophenyl  
p'-guanidinobenzoate.  
Biochemistry (Wash) 9:1428-33, 17 Mar 70  
AMIDINES/ \*BENZOATES/ BINDING SITES/  
CHICKENS/ \*GUANIDINES/ KINETICS/  
MUCOPROTEINS/ OVALBUMIN/ SOY BEANS/  
TIME FACTORS/ TRYPSIN/ \*TRYPSIN  
INHIBITORS
7113. Zaikin AN: Sezonnye kolebania gemoglobina,  
eritrotsitov, ROE i fibrinogena u donorov v uslovlakh  
Nikolaevskoi oblasti.  
Probl Gemat 14:62-3, Mar 69 (Rus)  
\*BLOOD DONORS/ \*BLOOD  
SEDIMENTATION/ \*ERYTHROCYTE COUNT/  
FEMALE/ \*FIBRINOGEN/ \*HEMOGLOBIN/  
HUMAN/ MALE/ \*SEASONS
7114. Zaikina NA, Elinov NP: Influence of fungal  
plasmocoagulase on some microbial infections.  
Mycopathologia 39:187-95, 28 Nov 69  
ANIMAL EXPERIMENTS/ CANDIDA/  
\*COAGULASE, pharmacodynamics/  
ESCHERICHIA COLI INFECTIONS/  
LEUKOCYTES/ MICE/ \*MONILIASIS,  
enzymology/ \*PHAGOCYTOSIS, drug effects/  
POLYSACCHARIDES, BACTERIAL,  
pharmacodynamics/ \*STAPHYLOCOCCAL  
INFECTIONS, enzymology/ STAPHYLOCOCCUS
7115. Zaikina NA, Elinov NP: O peptidaznoi aktivnosti  
mikrobnoi plazmokoagulazy.  
Vop Med Khim 15:183-9, Mar-Apr 69 (Rus)  
AMIDOHYDROLASES/ \*AMINOPEPTIDASES/  
BLOOD COAGULATION/ \*CANDIDA,  
enzymology/ CHELATING AGENTS/  
\*COAGULASE/ COAGULASE, antagonists &  
inhibitors/ COBALT/ ENGLISH ABSTRACT/  
KIDNEY, enzymology/ LEUCINE  
AMINOPEPTIDASE/ MAGNESIUM/  
MANGANESE/ PEPTIDES/ PLANT  
PROTEINS/ POLYSACCHARIDES/  
\*STAPHYLOCOCCUS, enzymology
7116. Zaikina NA, Elinov NP: Endofaktor  
drozhzhopodobnykh gribov i ego uchastie u protsesse  
koagulyatsii plazmy.  
Probl Gemat 13:37-40, Jan 68 (Rus)  
\*BLOOD COAGULATION, drug effects/  
\*CANDIDA, analysis/ ENGLISH ABSTRACT/  
HEMOSTATICS, isolation & purification/  
\*HEMOSTATICS, pharmacodynamics/  
PLASMA/ PROTHROMBIN, metabolism/  
THROMBIN, biosynthesis
7117. Zaikova MV, Zus' GS: Printsipy vybora metoda  
blefaroplastiki. Vestn Oftal 2:68-72, Jan-Feb 70 (Rus)  
BURNS, surgery/ ENGLISH ABSTRACT/  
\*EYELID DISEASES, surgery/ EYELIDS,  
abnormalities/ EYELIDS, injuries/ \*EYELIDS,  
surgery/ FACIAL NEOPLASMS, surgery/  
HEMANGIOMA, surgery/ HUMAN/ MALE/  
METHODS/ SKIN, transplantation/ \*SURGERY,  
PLASTIC
7118. Zaitsev VF, Orlova PN: Posleoperatsionnyi infarkt  
miokarda u bol'nykh zlokachestvennykh  
novoobrazovaniyami. Kardiologiya 9:34-9, Mar 69 (Rus)  
ADOLESCENCE/ ADULT/ AGED/ BLOOD  
COAGULATION/ COLECTOMY/ ENGLISH  
ABSTRACT/ FEMALE/ GASTRECTOMY/  
GASTROINTESTINAL NEOPLASMS, surgery/  
GYNECOLOGIC NEOPLASMS, surgery/  
HUMAN/ HYSTERECTOMY/ KIDNEY  
NEOPLASMS, surgery/ LIP NEOPLASMS,  
surgery/ MALE/ MIDDLE AGE/  
\*MYOCARDIAL INFARCT, etiology/  
NEOPLASMS, blood/ \*NEOPLASMS, surgery/  
NEPHRECTOMY/ PAROTID NEOPLASMS,  
surgery/ PNEUMONECTOMY/  
\*POSTOPERATIVE COMPLICATIONS
7119. Zajaczkowski T: Nadciśnienie tętnicze krwi po  
obrazeniu nerki.  
Pol Przegl Chir 41:1546-9, Nov 69 (30 ref.) (Pol)  
HEMATOMA, complications/ HUMAN/  
\*HYPERTENSION, RENAL, etiology/  
KIDNEY, injuries/ KIDNEY DISEASES,  
complications/ RENAL ARTERY  
OBSTRUCTION, complications/ REVIEW
7120. Zajarías S: Anticoagulantes en la cardiopatía  
isquémica.  
Arch Inst Cardiol Mex 39:732-5, Sep-Oct 69 (Spa)  
\*ANTICOAGULANTS, therapeutic use/  
\*CORONARY DISEASE, drug therapy/  
HUMAN
7121. Zaneveld JJ, Srivastava PN, Williams WL: Inhibition by  
seminal plasma of acrosomal enzymes in intact sperm.  
Proc Soc Exp Biol Med 133:1172-4, Apr 70  
ANIMAL EXPERIMENTS/ EPIDIDYMIS/  
MALE/ \*NEURAMINIDASE, antagonists &  
inhibitors/ RABBITS/ \*SEMEN/  
\*SPERMATOZOA, enzymology/ \*TRYPSIN  
INHIBITORS
7122. Zaneveld LJ, Srivastava PN, Williams WL: Relationship  
of a trypsin-like enzyme in rabbit spermatozoa to  
capacitation. J Reprod Fertil 20:337-9, Nov 69  
ANIMAL EXPERIMENTS/ EJACULATION/  
EPIDIDYMIS/ FEMALE/ LYSOSOMES/  
analysis/ MALE/ MERCAPTOETHANOL/  
RABBITS/ SEMEN, analysis/ \*SPERMATOZOA,  
enzymology/ \*TRYPSIN, analysis/ TRYPSIN  
INHIBITORS, analysis
7123. Zanini S, Galvani A, Dazzi L: Rilevi e considerazioni su  
di un caso di porpora emorragica  
ipergammaglobulinemica di incerto inquadramento  
nosologico. Fracastoro 62:335-44, Jul-Aug 69 (Ita)  
BLOOD COAGULATION TESTS/ \*BLOOD  
PROTEIN DISORDERS/ BLOOD PROTEIN  
ELECTROPHORESIS/ BONE MARROW  
EXAMINATION/ FEMALE/ \*GAMMA  
GLOBULIN/ HUMAN/ LIVER, pathology/  
MIDDLE AGE/ \*PURPURA,  
HYPERGLOBULINEMIC
7124. Zanonato A: Observações sobre os anticorpos contra a  
estreptoquinase na população de Porto Alegre.  
Hospital (Rio) 76:1497-507, Oct 69 (Por)  
ADOLESCENCE/ ADULT/ AGE FACTORS/  
AGED/ \*ANTIBODIES/ BRAZIL/ CHILD/  
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ INFANT/ MALE/  
MIDDLE AGE/ NEUTRALIZATION TESTS/  
RACIAL STOCKS/ SEX FACTORS/  
STREPTOCOCCAL INFECTIONS, enzymology/  
\*STREPTOKINASE, pharmacodynamics
7125. Zaporozhchenko AA: O metodakh opredeleniia  
aktivnosti fibrinoliticheskoi sistemy (obzor  
literatury) Lab Delo 8:474-7, 1969 (Rus)  
\*BLOOD COAGULATION TESTS/  
\*FIBRINOLYSIS/ HUMAN/ METHODS
7126. Zarowny DP, Rose I: Acute subdural hematoma during  
maintenance hemodialysis.  
Canad Med Ass J 103:634, 26 Sep 70  
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/  
HEMATOMA, SUBDURAL, diagnosis/  
\*HEMATOMA, SUBDURAL, etiology/  
\*HEMODIALYSIS, adverse effects/ \*HEPARIN,  
adverse effects/ HUMAN/ KIDNEY,  
POLYCYSTIC, complications/ MALE/ MIDDLE  
AGE/ SUBARACHNOID HEMORRHAGE,  
diagnosis/ TIME FACTORS
7127. Zastrow R: Die chronische Pankreatitis--Symptomatik,  
Diagnostik, Therapie.  
Z Aerzt Fortbild (Jena) 63:1028-31, 1 Oct 69 (Ger)  
AMYLASE, blood/ CHRONIC DISEASE/  
CHYMOTRYPSIN, analysis/ CYTODIAGNOSIS/  
DIET THERAPY/ DUODENUM, secretion/  
FECES, analysis/ HUMAN/ INTESTINAL  
SECRETIONS, analysis/ PAIN/ PANCREATIN,  
therapeutic use/ \*PANCREATITIS, diagnosis/  
PANCREATITIS, pathology/ PANCREATITIS,  
radiography/ PANCREATITIS, therapy/  
RADIOISOTOPE SCANNING/ TOLBUTAMIDE,  
diagnostic use



# AUTHOR SECTION

7128. Zatz M, Barondes SH: Incorporation of mannose into mouse brain lipid.  
Biochem Biophys Res Commun 36:511-7, 7 Aug 69  
ANIMAL EXPERIMENTS/ \*BRAIN, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ \*GLYCOLIPIDS, biosynthesis/ GUANINE NUCLEOTIDES/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ \*LIPIDS, biosynthesis/ MALE/ MANGANESE/ \*MANNOSE, metabolism/ MICE/ \*MICROSOMES, metabolism/ PEPTIDE HYDROLASES/ PYRUVATES/ STREPTOMYCES, enzymology/ TIME FACTORS
7129. Zauberman H: Tensile strength of choriorretinal lesions produced by photocoagulation, diathermy, and cryopexy. Brit J Ophthal 53:749-52, Nov 69  
ADHESIONS, pathology/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ CATS/ CHOROID, injuries/ CHOROID, pathology/ \*CRYOGENIC SURGERY/ \*ELECTROCOAGULATION/ EYE INJURIES, etiology/ \*EYE INJURIES, pathology/ \*LIGHT COAGULATION/ RETINA, injuries/ RETINA, pathology
7130. Zauberman H, Magora A: Surgery of paretic muscles in ophthalmoplegia of thyroid origin.  
Ophthalmologica (Basel) 159:333-8, 1969  
ADHESIONS, occurrence/ AGED/ DIPLOPIA, surgery/ EXOPHTHALMOS, surgery/ EYE DISEASES, diagnosis/ FEMALE/ HUMAN/ \*HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, drug therapy/ MALE/ MIDDLE AGE/ \*OCULOMOTOR MUSCLES, surgery/ OCULOMOTOR PARALYSIS, etiology/ \*OCULOMOTOR PARALYSIS, surgery/ STRABISMUS, surgery
7131. Zavadich IB: Sostolanie svertyvalushchei i protivosvertyvalushchei sistemy krovi bol'nykh novooobrazovaniyami pochek i mochevogo puzyrja.  
Vop Onkol 16:97-9, May 70 (Rus)  
AGED/ \*BLADDER NEOPLASMS, blood/ \*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ FACTOR V, analysis/ FACTOR VII, analysis/ FIBRINOGEN, analysis/ FIBRINOLYTIC AGENTS, blood/ HUMAN/ \*KIDNEY NEOPLASMS, blood/ MIDDLE AGE/ PROTHROMBIN, analysis/ TIME FACTORS
7132. Zawilska K, Jazienicki B: Wplyw indukowanej fibrynolizy na przebieg kliniczny zawału serca i zawału płuc. Pol Arch Med Wewn 43:1055-63, Jul 69 (Pol)  
ADULT/ \*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ASPARTATE AMINOTRANSFERASE, blood/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ \*MYOCARDIAL INFARCT, drug therapy/ \*PULMONARY EMBOLISM, drug therapy
7133. Zbinden G, Mehrishi JN, Tomlin S: Assessment of damage to human platelets after aggregation and other injuries by microscopic observation and estimation of serotonin uptake.  
Thromb Diath Haemorrh 23:261-75, 1970  
ADENINE NUCLEOTIDES, pharmacodynamics/ \*BLOOD PLATELETS, metabolism/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ ELECTROPHORESIS/ FREEZING/ HEPARIN, pharmacodynamics/ \*HISTOLOGICAL TECHNIQS, adverse effects/ HUMAN/ LYSINE, pharmacodynamics/ ORNITHINE, pharmacodynamics/ OSMOTIC PRESSURE/ PLATELET ADHESIVENESS, drug effects/ PROTAMINES, pharmacodynamics/ \*SEROTONIN, metabolism/ SODIUM CHLORIDE/ STEARIC ACID, pharmacodynamics/ TRITIUM
7134. Zbinden G, Tomlin S: Effect of debrisoquin, guanethidine and tyramine on platelet function and blood coagulation.  
Arch Int Pharmacodyn 181:153-69, Sep 69  
ADENINE NUCLEOTIDES, pharmacodynamics/ \*AMIDINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ \*ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ BLOOD CELLS, drug effects/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, analysis/ \*BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ CHEMISTRY/ FEMALE/ FIBRINOLYSIS, drug effects/ GLASS/ \*GUANETHIDINE, pharmacodynamics/ \*ISOQUINOLINES, pharmacodynamics/ MALE/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN TIME/ RABBITS/ SEROTONIN, metabolism/ SNAKES/ TANNINS, pharmacodynamics/ THROMBOPLASTIN, metabolism/ \*TYRAMINE, pharmacodynamics/ VENOMS, pharmacodynamics
7135. Zeffren E: Enzyme-inhibitor interactions studied via fluorine magnetic resonance. II. Model for the trifluoroacetylphenylalanine-alpha-chymotrypsin interaction. Arch Biochem 137:291-3, Mar 70  
\*AMINO ACIDS/ CHEMISTRY/ \*CHYMOTRYPSIN, antagonists & inhibitors/ FLUORINE/ FLUOROACETATES/ NUCLEAR MAGNETIC RESONANCE/ PHENYLALANINE
7136. Zeitler E, Martin M, Schoop W: Angiographische Befunde bei chronischer arterieller Verschlusskrankheit vor und nach Streptokinasebehandlung.  
Fortschr Roentgenstr 111:498-510, Oct 69 (Ger)  
ANGIOGRAPHY/ \*AORTA, ABDOMINAL, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ \*FEMORAL ARTERY, radiography/ HUMAN/ \*ILIAC ARTERY, radiography/ MIDDLE AGE/ PROGNOSIS/ \*STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ \*THROMBOSIS, radiography
7137. Zeller J, Okagaki T, Richart RM: Fibrinolytic activity in cervical and endometrial neoplasia.  
Amer J Obstet Gynec 107:1071-8, 1 Aug 70  
\*ADENOCARCINOMA, metabolism/ \*CARCINOMA/ \*CARCINOMA, EPIDERMAL, metabolism/ CERVIX DISEASES, metabolism/ \*CERVIX NEOPLASMS, metabolism/ CERVIX UTERI, pathology/ \*ENDOMETRIUM/ FEMALE/ FIBRIN FILM AND FOAM/ \*FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ PEPTIDE HYDROLASES, metabolism/ PLASMINOGEN, metabolism/ \*UTERINE NEOPLASMS, metabolism
7138. Zemlianikaia EP, Matveev KI: Izuchenie toksinoobrazovaniia u Cl. Perfringens tipov D i E v dinamike. Zh Mikrobiol 46:102-5, Sep 69 (Rus)  
CLOSTRIDIUM PERFRINGENS, enzymology/ \*CLOSTRIDIUM PERFRINGENS, metabolism/ ENGLISH ABSTRACT/ \*PEPTIDE HYDROLASES, metabolism/ \*TOXINS, biosynthesis
7139. Zemlianitskaia EP, Matveev KI: Deistvie proteoliticheskikh fermentov na aktivatsiiu prototoksinov Cl. perfringens tipov D i E.  
Zh Mikrobiol 46:57-60, Aug 69 (Rus)  
ASPERGILLUS, enzymology/ CLOSTRIDIUM, enzymology/ \*CLOSTRIDIUM PERFRINGENS, drug effects/ ENGLISH ABSTRACT/ \*PEPTIDE HYDROLASES, pharmacodynamics/ \*TOXINS/ TOXINS, biosynthesis
7140. Zemskov IuA, Linke VG, Odintsov AI: Sluchai spontannogo pnevmotoraksa s gazovoi émboliei pri intratrakheal'nom vliyanii tripsina.  
Klin Med (Moskva) 48:146-7, May 70 (Rus)  
ADULT/ CASE REPORT/ \*EMBOLISM, AIR, etiology/ FEMALE/ HUMAN/ \*PNEUMOTHORAX, etiology/ \*TRYPSIN, administration & dosage/ TRYPSIN, adverse effects/ TUBERCULOSIS, PULMONARY
7141. Zemskov IuA, Linke VG, Odintsov AI: Spontannyi pnevmotoraks s gazovoi émboliei pri intratrakheal'nom vliyanii tripsina.  
Vrach Delo 8:149, Aug 69 (Rus)  
ADULT/ CASE REPORT/ \*EMBOLISM, AIR, etiology/ FEMALE/ HUMAN/



# AUTHOR SECTION

- \*PNEUMOTHORAX, chemically induced/  
TRACHEA/ TRYPSIN, administration &  
dosage/ \*TRYPSIN, adverse effects
7142. Zenner O: Durch Medikamente verursachte Purpura.  
Z Haut Geschlechtskr 45:471-82, 15 Jun 70 (Ger)  
AGED/ DIAGNOSIS, DIFFERENTIAL/ DRUG  
HYPERSENSITIVITY, therapy/ HUMAN/  
HYPERSENSITIVITY, drug therapy/ IN  
VITRO/ MALE/ MIDDLE AGE/  
PREDNISOLONE, therapeutic use/ \*PURPURA,  
chemically induced/ PURPURA, drug therapy/  
\*PURPURA, THROMBOPENIC, chemically  
induced
7143. Zeppezauer M, Lindman B, Forsén S, et al: A <sup>81</sup>Br  
nuclear magnetic resonance study of bromide ion  
binding to proteins in aqueous solution.  
Biochem Biophys Res Commun 37:137-42, 24 Sep 69  
ALCOHOL OXIDOREDUCTASES/ ANIMAL  
EXPERIMENTS/ BINDING SITES/  
BROMIDES/ BROMINE/ CARBONIC  
ANHYDRASE/ CERULOPLASMIN/  
CHEMISTRY/ CHLORINE/ CHYMOTRYPSIN/  
FIBRINOLYSIS/ HORSES/ HUMAN/  
HYDROGEN-ION CONCENTRATION/ LIVER,  
enzymology/ METHODS/ MURAMIDASE/  
\*NUCLEAR MAGNETIC RESONANCE/  
\*PROTEINS/ RADIOISOTOPES/ RUBIDIUM/  
SERUM ALBUMIN/ TEMPERATURE
7144. Zetterqvist E: Elimination of iodine-labelled fibrinogen  
in intravascular coagulation and in the normal state.  
Experimental and clinical studies.  
Acta Physiol Scand Suppl:7-41, 1969 (112 ref.)  
AMINOCAPROIC ACID/ ANIMAL  
EXPERIMENTS/ ANTICOAGULANTS,  
pharmacodynamics/ \*ANTIFIBRINOLYTIC  
AGENTS, pharmacodynamics/ ANTIGENS,  
analysis/ BLOOD CELL COUNT/ BLOOD  
COAGULATION, analysis/ \*BLOOD  
COAGULATION DISORDERS, blood/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ BLOOD PLATELETS/  
CHROMATOGRAPHY/ DOGS/  
EPIDERMOLYSIS BULLOSA, blood/  
FIBRINOGEN, administration & dosage/  
\*FIBRINOGEN, metabolism/ FIBRINOLYSIS/  
\*GEL FILTRATION/ HEMATOCRIT/  
IMMUNOELECTROPHORESIS/ INJECTIONS,  
INTRAVENOUS/ IODINE ISOTOPES/  
KALLIKREIN-TRYPSIN INACTIVATOR/  
LIVER CIRRHOSIS, blood/ PEPTIDES,  
analysis/ POLYCYTHEMIA VERA, blood/  
POTASSIUM IODIDE,  
administration & dosage/ REVIEW/  
THROMBIN/ THROMBIN, administration &  
dosage/ THROMBOPLASTIN, administration &  
dosage/ THROMBOSIS, blood
7145. Zhak SP, Mitskevich AI, Shtefan EE: Fibrinolytichna  
aktivnist' toksyniv Cl. perfringens, Cl. oedematies i  
Cl. septicum pry mono- i zmishanli hazovli infektsii.  
Mikrobiol Zh (Kiev) 31:271-2, May-Jun 69 (Ukr)  
ANIMAL EXPERIMENTS/ \*CLOSTRIDIUM,  
metabolism/ \*CLOSTRIDIUM INFECTIONS,  
etiology/ \*CLOSTRIDIUM PERFRINGENS,  
metabolism/ ENGLISH ABSTRACT/  
\*FIBRINOLYSIS/ GUINEA PIGS/ \*TOXINS
7146. Zhelezovskaya IB: Kontsentratsiya vitamina v krvi i  
svyaz' ee s soderzhaniam belkov, vkholesterina i  
beta-lipoproteidov krvi bol'nykh aterosklerozom.  
Vop Med Khim 15:506-12, Sep-Oct 69 (Rus)  
ADULT/ AGED/ BLOOD PROTEIN  
ELECTROPHORESIS/ \*BLOOD PROTEINS,  
analysis/ CARDIOVASCULAR DISEASES,  
blood/ \*CAROTENOIDS, blood/  
CHOLELITHIASIS, blood/ \*CHOLESTEROL,  
blood/ \*CORONARY DISEASE, blood/  
DIABETES MELLITUS, blood/ ENGLISH  
ABSTRACT/ FEMALE/ \*FIBRINOGEN,  
analysis/ HUMAN/ HYPERTHYROIDISM,  
blood/ INFLAMMATION, blood/ KIDNEY  
CALCULI, blood/ \*LIPOPROTEINS, blood/  
MALE/ MIDDLE AGE/ MYOCARDIAL  
INFARCT, blood/ OBESITY, blood/ SERUM  
ALBUMIN, analysis/ SERUM GLOBULINS,  
analysis/ SEX FACTORS/ \*VITAMIN A, blood
7147. Zhenchevskii RA: Vnutribriushinnoe vvedenie  
fibrinolizina i svertyvaemost' krovi.  
Sovet Med 32:32-6, Dec 69 (Rus)  
ADHESIONS, surgery/ ANIMAL  
EXPERIMENTS/ \*BLOOD COAGULATION,  
drug effects/ BLOOD COAGULATION  
FACTORS, analysis/ BLOOD COAGULATION  
TESTS/ ENGLISH ABSTRACT/  
\*FIBRINOLYSIS, administration & dosage/  
HUMAN/ INJECTIONS, INTRAPERITONEAL/  
RABBITS
7148. Zhikhare LIn, Burmeister MF: Soderzhanie lipidov i  
pokazatel' svertyvalushchei sistemy krovi u zhitel'ei  
Latviskoj SSR v zavisimosti ot pitania.  
Vop Pitani 28:33-7, Sep-Oct 69 (Rus)  
ADULT/ \*BLOOD COAGULATION/ BLOOD  
COAGULATION TESTS/ CALCIUM, blood/  
CHOLESTEROL, blood/ CORONARY DISEASE,  
occurrence/ DIET/ DIETARY PROTEINS/  
ENVIRONMENT/ FATTY ACIDS, blood/ FISH  
PRODUCTS/ HEPARIN, blood/ HUMAN/  
LATVIA/ \*LIPIDS, blood/ MALE/ MIDDLE  
AGE/ \*NUTRITION SURVEYS/ RURAL  
HEALTH/ TIME FACTORS
7149. Zhivoderov VM, Chebanova NA: Nekotorye pokazateli  
svertyvalushchei i antisvertyvalushchei sistemy krovi  
pri gipertonicheskikh krizakh.  
Kardiologiya 9:106-10, Aug 69 (Rus)  
ADULT/ AGED/ \*BLOOD COAGULATION/  
BLOOD COAGULATION TESTS/ ENGLISH  
ABSTRACT/ FACTOR VIII, analysis/  
FIBRINOGEN, analysis/ FIBRINOLYSIS/  
HEPARIN, blood/ HEPARIN, diagnostic use/  
HUMAN/ \*HYPERTENSION, blood/ MIDDLE  
AGE/ PROTHROMBIN, analysis/ THROMBIN,  
analysis/ TIME FACTORS
7150. Zhudina AI, Puchkov IG, Shcherbakova MG:  
Eksperimental'no-gistologicheskoe i  
patomorfologicheskoe issledovanie nekotorykh  
sarkom miagkikh tkanei.  
Vop Onkol 16:46-54, May 70 (Rus)  
ENGLISH ABSTRACT/ \*FIBROSARCOMA,  
pathology/ \*HEMANGIOEPICITOMA,  
pathology/ HUMAN/ IN VITRO/  
\*LEIOMYOMA, pathology/  
\*LEIOMYOSARCOMA, pathology/  
\*LIPOSARCOMA, pathology/  
\*RHABDOMYOSARCOMA, pathology/  
\*SYNOVIOMA, pathology/ TISSUE CULTURE
7151. Zhukov EA, Iushkovskaya ZP: Izmenenie  
koagulogrammy pri plastike ven polubiotologicheskimi  
protezhami zavisimosti ot vida shva.  
Eksp Khir Anest 14:29-32, Sep-Oct 69 (Rus)  
ANIMAL EXPERIMENTS/ \*BLOOD  
COAGULATION/ \*BLOOD VESSEL  
PROSTHESIS/ DOGS/ ENGLISH ABSTRACT/  
\*SUTURES/ \*VEINS, surgery
7152. Zhuravlev IuN, Stavinskaya LI: Obiologicheskoi  
polnotsennosti krovi, ispol'zuemoi dlia reinfuzii.  
Vestn Khir Grekov 104:110-3, May 70 (Rus)  
BLOOD PRESERVATION/ \*BLOOD  
TRANSFUSION/ CHROMIUM ISOTOPES/  
ENGLISH ABSTRACT/ ERYTHROCYTE  
AGING/ HUMAN/ METHODS/ SURGERY,  
OPERATIVE
7153. Zhuravlev VS, Totalskaya AA: O  
tromboplastinobrazovanii pri makroglobulinemii  
Val'denstrema i mielomnoi bolezni.  
Probl Gemat 14:27-33, Jul 69 (Rus)  
BLOOD PLATELETS, cytology/ ENGLISH  
ABSTRACT/ HUMAN/  
\*MACROGLOBULINEMIA, blood/  
MICROSCOPY, ELECTRON/ \*MULTIPLE  
MYELOMA, blood/ \*THROMBOPLASTIN,  
biosynthesis
7154. Zhuravleva NI: Effektivnost' terapii proteoliticheskimi  
fermentami bol'nykh obstruktsionoi emfizemoi  
legkikh. Sovet Med 32:58-61, 1969 (Rus)  
ADULT/ BRONCHITIS, complications/  
CHRONIC DISEASE/ ENGLISH ABSTRACT/  
HUMAN/ MIDDLE AGE/ PULMONARY  
EMPHYSEMA, complications/ \*PULMONARY  
EMPHYSEMA, drug therapy/ PULMONARY



# AUTHOR SECTION

FIBROSIS, complications/ \*TRYPSIN, therapeutic use

7155. Ziegler H, Böhme H, Reichmann G: Stoffwechselphysiologische Untersuchungen über den Abbau von Proteinen durch *Mikrosporium gypseum* und *Mikrosporium canis*. *Derm Mschr* 155:835-56, 1969 (Ger)  
CASEIN, metabolism/ CULTURE MEDIA/ CYSTINE, metabolism/ ENGLISH ABSTRACT/ GELATIN, metabolism/ GLUTAMATES, metabolism/ KERATIN, metabolism/ MICROSPORIUM, enzymology/ MICROSPORIUM, growth & development/ \*MICROSPORIUM, metabolism/ PEPTIDE HYDROLASES, biosynthesis/ POTASSIUM, metabolism/ \*PROTEINS, metabolism/ SODIUM, metabolism
7156. Ziegler TF, Miller ML: Adsorption of fibrinogen on modified polytetrafluoroethylene surfaces. *J Biomed Mat Res* 4:259-68, Jun 70  
\*ADSORPTION/ ANIMAL EXPERIMENTS/ DOGS/ \*FIBRINOGEN/ \*FLUOROCARBON POLYMERS/ PROTEIN DENATURATION/ SOLVENTS/ SULFONIC ACIDS/ SURFACE PROPERTIES/ \*THROMBOSIS, prevention & control/ TRITIUM
7157. Zierdt CH, Golde DW: Deoxyribonuclease-positive *Staphylococcus epidermidis* strains. *Appl Microbiol* 20:54-7, Jul 70  
AGAR/ BACTERIOLOGICAL TECHNIQUES/ BACTERIOPHAGE TYPING/ COAGULASE, metabolism/ DEOXYRIBONUCLEASE, analysis/ \*DEOXYRIBONUCLEASE, metabolism/ \*STAPHYLOCOCCUS/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification
7158. Zieve PD, Schmukler M: Stimulation by glucose of fatty acid synthesis in human platelets. *Amer J Physiol* 219:1009-13, Oct 70  
\*ACETIC ACIDS, metabolism/ ANDROSTERONE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ \*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CYANIDES, pharmacodynamics/ FATTY ACIDS, antagonists & inhibitors/ \*FATTY ACIDS, biosynthesis/ FLUORIDES, pharmacodynamics/ FRUCTOSE, pharmacodynamics/ GALACTOSE, pharmacodynamics/ \*GLUCOSE, pharmacodynamics/ GLYCOLYSIS/ HEXOSES, pharmacodynamics/ HUMAN/ IODOACETATES, pharmacodynamics/ KREBS CYCLE/ LACTATES, biosynthesis/ MANNOSE, pharmacodynamics/ METHYLENE BLUE, pharmacodynamics/ THROMBIN, pharmacodynamics
7159. Zimmermann S, Rogos R: Zur Diagnostik des Plasmozytoms. *Z Ges Inn Med* 24:385-90, 1 Jul 69 (Ger)  
ADULT/ AGED/ AMYLOIDOSIS, etiology/ ANEMIA, etiology/ BENCE JONES PROTEIN, urine/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ BONE MARROW, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ IMMUNOELECTROPHORESIS/ INFECTION, etiology/ KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE/ PLASMA CELLS, pathology/ PLASMACYTOMA, blood/ PLASMACYTOMA, complications/ \*PLASMACYTOMA, diagnosis/ PROGNOSIS
7160. Zimmermann WE, Hutschenreuther S: Untersuchungen zur Entstehung und Behandlung der Fettembolie. *Langenbecks Arch Chir* 325:297-306, 1969 (Ger)  
ACIDOSIS, RESPIRATORY, complications/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD VOLUME/ BLOODLETTING/ CATS/ DEXTRAN, therapeutic use/ EMBOLISM, FAT, chemically induced/ \*EMBOLISM, FAT, drug therapy/ \*EMBOLISM, FAT, etiology/ EMBOLISM, FAT, prevention & control/ ENGLISH ABSTRACT/ FRACTURES, complications/ HEPARIN, therapeutic use/ LIPIDS/ LIPIDS, metabolism/ PHOSPHOLIPIDS, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ TROMETHAMINE, therapeutic use
7161. Zimnicki Z: Badania tromboelastograficzne układu krzepnięcia krwi i fibrynolizy u chorych znieczulanych eterem. *Pol Przegl Chir* 42:340-6, Apr 70 (Pol)  
ADULT/ \*ANESTHESIA, GENERAL/ \*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ \*ETHERS, pharmacodynamics/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MIDDLE AGE/ \*THROMBELASTOGRAPHY
7162. Zingg W, Shepley DJ: Biorheology and blood flow. *Canad J Surg* 13:177-82, Apr 70 (14 ref.)  
BLOOD CIRCULATION/ BLOOD FLOW VELOCITY/ BLOOD VESSELS/ BLOOD VISCOSITY/ BODY TEMPERATURE/ CAPILLARIES/ ERYTHROCYTES/ HUMAN/ PHYSICS/ PLASMA/ REVIEW/ \*RHEOLOGY
7163. Zingg W, Sulev JC, Morgan CD: Relationship between viscosity and hematocrit in blood of normal persons and burn patients. *Canad J Physiol Pharmacol* 48:202-5, Mar 70  
\*BLOOD VISCOSITY/ \*BURNS, blood/ \*HEMATOCRIT/ HUMAN
7164. Zinsser O, Upplieger J, Künzer W: Über das Verhalten der Blutgerinnung in Abhängigkeit von der H<sup>+</sup>-Ionen-Konzentration. *Klin Wschr* 47:713-7, 1 Jul 69 (Ger)  
ACID-BASE EQUILIBRIUM/ BICARBONATES, pharmacodynamics/ \*BLOOD/ \*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CARBON DIOXIDE, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ \*HYDROGEN-ION CONCENTRATION/ IN VITRO/ LACTATES, pharmacodynamics/ POTASSIUM, blood/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics
7165. Zivkovic RV, Detwiler TC: Thrombin-induced release of glycolytic intermediates from rat platelets. *Biochim Biophys Acta* 201:502-5, 24 Mar 70  
ADENINE NUCLEOTIDES, secretion/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ CALCIUM/ COLD/ GLYCEROPHOSPHATES, secretion/ GLYCOLYSIS/ HEXOSEPHOSPHATES, secretion/ MAGNESIUM/ RATS/ \*THROMBIN, pharmacodynamics/ TIME FACTORS
7166. Zivković RV, Zivković MS, Srinivasan S: Uticaj trombina na distribuciju adenin nukleotida u ispranim trombocitima pacova. *Acta Med Iugosl* 24:27-33, 1970 (Cro)  
\*ADENINE NUCLEOTIDES, blood/ ANIMAL EXPERIMENTS/ \*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ \*EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ RATS/ THROMBIN, antagonists & inhibitors/ \*THROMBIN, pharmacodynamics
7167. Zlotkin E, Blondheim SA, Shulov AS: Effect of the venom of scorpion *Leiurus quinquestriatus* on the tympanic nerve of the locust *Locusta migratoria migratorioides*. *Toxicon* 8:47-9, May 70  
ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ EAR, MIDDLE, innervation/ INSECTS/ MYELIN SHEATH, drug effects/ NEURONS, drug effects/ PEPTIDE HYDROLASES/ \*PERIPHERAL NERVES, drug effects/ PERMEABILITY/ \*SCORPIONS/ \*VENOMS, pharmacodynamics
7168. Zlotnick A, Shahin W, Rachmilewitz EA: Studies in cryofibrinogenemia. *Acta Haemat (Basel)* 42:8-17, 1969  
AMINOCAPROIC ACID/ BLOOD PROTEIN



# AUTHOR SECTION

- DISORDERS, etiology/ BLOOD PROTEIN  
DISORDERS, immunology/ \*BLOOD PROTEIN  
DISORDERS, metabolism/ BLOOD PROTEINS,  
analysis/ BLOOD SEDIMENTATION/  
CARCINOMA, metabolism/ \*COLD/  
COLLAGEN DISEASES, metabolism/  
CRYOGLOBULINS, analysis/  
ELECTROPHORESIS/ \*FIBRINOGEN/  
FIBRINOGEN, analysis/ FIBRINOLYSIN/  
HEPARIN/ HODGKIN'S DISEASE, metabolism/  
HUMAN/ IMMUNE SERUMS/  
IMMUNOELECTROPHORESIS/ LEUKEMIA,  
LYMPHOCYTIC, metabolism/  
MACROGLOBULINEMIA, metabolism/  
MYOCARDIAL INFARCT, metabolism/  
NEOPLASM METASTASIS, metabolism/  
PAPER
7169. Zlotnik EI, Oleshkevich FV, Pavlovets MV: Atipichnoe  
techenie gemorraticheskogo perioda pri oslozhenii  
razryva anevrizmy arterial'nym spazmom i  
vnutrimozgovoi gematomoi.  
Zh Nevropat Psikhlat Korsakov 70:212-6, 1970 (Rus)  
ADULT/ \*CEREBRAL ANEURYSM,  
complications/ CEREBRAL ANGIOGRAPHY/  
CEREBRAL HEMORRHAGE, complications/  
\*CEREBRAL HEMORRHAGE, etiology/  
\*CEREBROVASCULAR DISORDERS, diagnosis/  
ENGLISH ABSTRACT/ FEMALE/ HEMATOMA,  
etiology/ HUMAN/ MALE/ MIDDLE AGE/  
RUPTURE, SPONTANEOUS/ SPASM
7170. Zoch E: Dünnschichtchromatographische  
direktmethode zum nachweis von enzymwirkungen.  
J Chromatogr 48:558-9, 6 May 70 (Ger)  
CHEMISTRY/ \*CHROMATOGRAPHY, THIN  
LAYER/ \*ENZYMES, metabolism/ METHODS/  
PEPTIDE HYDROLASES/ PEPTIDES
7171. Zoch E: Über die Inhaltsstoffe des Handelspapains.  
Arzneimittelforschung 19:1593-7, Sep 69 (73 ref.)  
(Ger)  
ALKALOIDS, analysis/ AMINO ACIDS,  
analysis/ AMYLASE, analysis/  
CARBOHYDRATES, analysis/ ENGLISH  
ABSTRACT/ ENZYMES, analysis/ ESTERASES,  
analysis/ FATS, analysis/ \*FRUIT/ HUMAN/  
LIPASE, analysis/ MURAMIDASE, analysis/  
\*PAPAIN, analysis/ PAPAIN, isolation &  
purification/ PAPAIN, therapeutic use/  
PEPTIDE HYDROLASES, analysis/ PEPTIDE  
PEPTIDOHYDROLASES, analysis/  
PHOSPHATASES, analysis/ PHOSPHOLIPIDS,  
analysis/ PLANT PROTEINS, analysis/  
PLANTS, MEDICINAL, analysis/ REVIEW/  
STEROLS, analysis/ TRANSFERASES, analysis
7172. Zola-Słeczek E: Układ krzepnięcia krwi w miażdżycy.  
Pol Tyg Lek 25:28-9, 5 Jan 70 (Pol)  
\*ARTERIOSCLEROSIS, blood/ \*BLOOD  
COAGULATION/ HUMAN
7173. Zola-Słeczek E: Wpływ lipemii pośliskowej na generację  
trombiny w osoczu o osób zdrowych i chorych na  
miażdżycę. Pol Tyg Lek 25:244-6, 16 Feb 70 (Pol)  
ADULT/ \*ARTERIOSCLEROSIS, metabolism/  
DIETARY FATS, metabolism/ ENGLISH  
ABSTRACT/ FEMALE/ HUMAN/ \*LIPIDS,  
blood/ MALE/ MIDDLE AGE/ \*THROMBIN,  
biosynthesis
7174. Zola-Słeczek E: Badania własne nad układem  
krzepnięcia krwi u chorych na miażdżycę.  
Pol Tyg Lek 25:288-91, 23 Feb 70 (Pol)  
ADULT/ \*ARTERIOSCLEROSIS, blood/  
ARTERIOSCLEROSIS, etiology/ \*BLOOD  
COAGULATION/ BLOOD COAGULATION  
FACTORS, analysis/ ENGLISH ABSTRACT/  
FEMALE/ HUMAN/ MALE/ MIDDLE AGE
7175. Zola-Słeczek E, Sarnowska KM: Układ krzepnięcia krwi  
w obrazie tromboelastograficznym w dychawicy  
oskrzelowej. Pol Tyg Lek 25:1083-5, 20 Jul 70 (Pol)  
ADULT/ \*ASTHMA, blood/ \*BLOOD  
COAGULATION/ CHRONIC DISEASE/  
ENGLISH ABSTRACT/ FEMALE/  
FIBRINOLYSIN, antagonists & inhibitors/  
HUMAN/ MALE/ MIDDLE AGE/  
\*THROMBELASTOGRAPHY
7176. Zollinger HU: Die pathologische Anatomie  
glomerulärer Erkrankungen im Kindesalter.  
Mschr Kinderheilk 117:311-29, Apr 69 (Ger)  
ADULT/ BASEMENT MEMBRANE/  
CAPILLARIES, pathology/ CHILD/ CHILD,  
PRESCHOOL/ CHRONIC DISEASE/ FEMALE/  
GLOMERULONEPHRITIS, complications/  
GLOMERULONEPHRITIS, congenital/  
\*GLOMERULONEPHRITIS, pathology/ HUMAN/  
INFANT/ INFANT, NEWBORN/ \*KIDNEY  
GLOMERULUS, pathology/ LEUKOCYTES/  
MALE/ MICROSCOPY, ELECTRON/  
NEPHROSIS, LIPOID, pathology/ PURPURA,  
THROMBOTIC THROMBOPENIC, pathology/  
STREPTOCOCCAL INFECTIONS, pathology
7177. Zöllner N, Gröbner W: Die Wirkung von Cumarin-,  
Indandion- und Benzofuran-Derivaten auf die renale  
Harnsäureausscheidung.  
Deutsch Med Wschr 94:2652-4, 19 Dec 69 (Ger)  
\*BENZOFURANS, pharmacodynamics/  
BISHYDROXYCOUMARIN, pharmacodynamics/  
CHEMISTRY/ \*COUMARINS,  
pharmacodynamics/ HUMAN/ \*PHENINDIONE,  
pharmacodynamics/ \*URIC ACID, urine/  
VITAMIN K, antagonists & inhibitors/  
ZOXAZOLAMINE, pharmacodynamics
7178. Zöllner N, Wolfram H, Wolfram G: Die enzymatische  
Bestimmung der Mono-, Di- und Triglyceride des  
Serums nach dünnsschichtchromatographischer  
Trennung. Z Klin Chem 7:339-45, Jul 69 (Ger)  
CHROMATOGRAPHY, THIN LAYER/  
ENGLISH ABSTRACT/ \*GLYCERIDES, blood/  
GLYCERIN, analysis/ HYPERLIPEMIA/  
LACTATE DEHYDROGENASE/ LIPOPROTEIN  
LIPASE/ LIPOPROTEIN LIPASE, antagonists  
& inhibitors/ PHOSPHOTRANSFERASES/  
PROTAMINES/ PYRUVATE KINASE/  
\*TRIGLYCERIDES, blood
7179. Zolotareva MM, Vodneva RE: Osobennosti kliniki i  
lechenia ostrykh i khronicheskikh sosudistykh  
raststroistv razlichnoi etiologii v zritel'nom nerve.  
Vestn Oftal 81:61-5, 1968 (Rus)  
ANTICOAGULANTS, therapeutic use/  
\*CEREBROVASCULAR DISORDERS/  
CEREBROVASCULAR DISORDERS,  
complications/ CEREBROVASCULAR  
DISORDERS, etiology/ CEREBROVASCULAR  
DISORDERS, therapy/ ENGLISH ABSTRACT/  
EYE DISEASES, diagnosis/ EYE DISEASES,  
etiology/ EYE DISEASES, therapy/ FEMALE/  
HUMAN/ MALE/ MIDDLE AGE/ \*OPTIC  
NERVE, blood supply/ OXYGEN INHALATION  
THERAPY/ PARASYMPATHOLYTICS,  
therapeutic use/ TISSUE THERAPY/  
VASODILATOR AGENTS, therapeutic use/  
VITAMINS, therapeutic use
7180. Zolotukhin NA, Pi'n PP, Chun'kov MIA: Primenenie  
kontrikala pri lechenii stafylokokkovogo sepsisa.  
Vestn Khir Grekov 103:118-9, Sep 69 (Rus)  
ADULT/ HUMAN/ MALE/ PEPTIDE  
HYDROLASES, antagonists & inhibitors/  
\*SEPTICEMIA, drug therapy/  
\*STAPHYLOCOCCAL INFECTIONS, drug  
therapy
7181. Zolotukhin SI, Mironova MI: Vliyanie antibiotikov na  
adgelyvnye svoystva trombositov.  
Farmakol Toksik 32:460-3, Jul-Aug 69 (Rus)  
ANIMAL EXPERIMENTS/ \*ANTIBIOTICS,  
pharmacodynamics/ \*BLOOD PLATELETS,  
drug effects/ CALCIUM CHLORIDE,  
pharmacodynamics/ CHLORAMPHENICOL,  
pharmacodynamics/ CHLORTETRACYCLINE,  
pharmacodynamics/ COMPARATIVE STUDY/  
CYCLOSERINE, pharmacodynamics/ ENGLISH  
ABSTRACT/ ERYTHROMYCIN,  
pharmacodynamics/ HEPARIN, administration  
& dosage/ \*HEPARIN ANTAGONISTS,  
pharmacodynamics/ KANAMYCIN,  
pharmacodynamics/ LIVER EXTRACTS,  
pharmacodynamics/ MONOMYCIN,  
pharmacodynamics/ NEOMYCIN,  
pharmacodynamics/ OLEANDOMYCIN,  
pharmacodynamics/ OLIVOMYCIN,  
pharmacodynamics/ OXYTETRACYCLINE,  
pharmacodynamics/ PENICILLIN,



## AUTHOR SECTION

- pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ POLYMYXIN, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RABBITS/ RISTOMYCIN, pharmacodynamics/ STREPTOMYCIN, pharmacodynamics/ TETRACYCLINE, pharmacodynamics/ VANCOMYCIN, pharmacodynamics/ VIOMYCIN, pharmacodynamics
7182. Zoltán L: Some remarks to the operability of the centrally located arteriovenous angiomias. *Progr Brain Res* 30:403-8, 1968  
\*ARTERIOVENOUS FISTULA, surgery/  
\*BRAIN NEOPLASMS, surgery/  
\*HEMANGIOMA, surgery/ HUMAN/  
POSTOPERATIVE COMPLICATIONS
7183. Zook EG, Glover JL: Erosion aneurysm secondary to pharyngomaxillary abscess. *Amer Surg* 36:460-2, Jul 70  
\*ABSCESSES, complications/ ADOLESCENCE/  
\*ANEURYSM, etiology/ ANEURYSM, surgery/  
AORTIC COARCTATION, complications/  
\*CAROTID ARTERY DISEASES, etiology/  
CAROTID ARTERY DISEASES, surgery/ CASE REPORT/ FACIAL PARALYSIS, etiology/  
HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ INFECTION, complications/  
MALE/ \*MAXILLARY DISEASES, complications/ \*NECK/ NECK, surgery/  
PAROTITIS, complications/ \*PHARYNGEAL DISEASES, complications
7184. Zosin P, Georgescu L, Roth L, et al: Acute haemorrhagic syndrome due to intravascular coagulation. *Rom Med Rev* 13:16-22, Jul-Sep 69  
\*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, pathology/  
CORONARY DISEASE, complications/  
ELECTROCARDIOGRAPHY/ FEMALE/  
FIBRINOLYSIS/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/  
KIDNEY, pathology/ LIVER, pathology/  
MIDDLE AGE/ MYOCARDIUM, pathology/  
\*SHOCK, HEMORRHAGIC, etiology
7185. Zoutendyk A: Progress in blood transfusion and immuno-haematology. *Proc Mine Med Officers Ass* 48:1-4, May-Jul 69  
AFRICA/ BLOOD GROUP INCOMPATIBILITY/  
BLOOD PLATELETS/ \*BLOOD TRANSFUSION/ FACTOR VIII, isolation & purification/ GAMMA GLOBULIN, therapeutic use/ HUMAN/ \*IMMUNOLOGY/ RH FACTORS/ \*SEROOTHERAPY
7186. Zubairov DM, Gritsuk GN, Vladimirova LF, et al: Vlianie luchevoego porazheniia na tromboplasticheskuiu aktivnost' tkanei. *Radiobiologiya* 10:432-4, May-Jun 70 (Rus)  
ANIMAL EXPERIMENTS/ AORTA, metabolism/ \*BLOOD COAGULATION, radiation effects/ BONE MARROW, metabolism/ BRAIN, metabolism/  
CEPHALINS, metabolism/ FEMALE/ MALE/  
RABBITS/ \*RADIATION INJURY, EXPERIMENTAL, metabolism/ SPLEEN, metabolism/ \*THROMBOPLASTIN, metabolism
7187. Zubairov DM, Popova LG: Metod izucheniiia kontaktnoi fazy svertyvaniia krovi. *Lab Delo* 8:471-3, 1969 (Rus)  
\*FACTOR XI, analysis/ \*FACTOR XII, analysis/ HUMAN/ METHODS
7188. Zubrod CG: The treatment of acute lymphocytic leukemia. *J Chronic Dis* 22:633-5, Mar 70  
ANIMAL EXPERIMENTS/ \*ANTINEOPLASTIC AGENTS, therapeutic use/ ASPARAGINASE, therapeutic use/ BLOOD PLATELETS/ BONE MARROW CELLS/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/  
DISEASE MODELS, ANIMAL/ DRUG SYNERGISM/ HEMORRHAGE, complications/  
HUMAN/ INFECTION/ LEUKEMIA L1210, pathology/ \*LEUKEMIA, LYMPHOBLASTIC, complications/ \*LEUKEMIA, LYMPHOBLASTIC, drug therapy/ \*LEUKEMIA, LYMPHOBLASTIC, mortality/ LEUKEMIA, MYELOBLASTIC, therapy/ MERCAPTOPYRINE, therapeutic use/  
METHOTREXATE, therapeutic use/ MICE/  
PREDNISONE, therapeutic use/ PROGNOSIS/  
THROMBOPENIA, drug therapy/  
VINCISTINE, therapeutic use
7189. Zubrod CG: The clinical toxicities of L-asparaginase in treatment of leukemia and lymphoma. *Pediatrics* 45:555-9, Apr 70  
\*ASPARAGINASE, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD UREA NITROGEN/ DRUG HYPERSENSITIVITY, etiology/ HUMAN/  
HYPOTENSION, chemically induced/  
\*LEUKEMIA, drug therapy/ LIVER, drug effects/ \*LYMPHOMA, drug therapy/  
NEUROLOGIC MANIFESTATIONS/  
PANCREATITIS, chemically induced/  
URTICARIA, chemically induced
7190. Zuck TF, Bergin JJ: Heparin-exchange phenomenon. *Lancet* 2:210, 25 Jul 70  
\*BLOOD COAGULATION DISORDERS, drug therapy/ \*BLOOD TRANSFUSION, adverse effects/ EXCHANGE TRANSFUSION/  
EXCHANGE TRANSFUSION, mortality/  
HEPARIN, blood/ \*HEPARIN, therapeutic use/  
HUMAN/ MALE
7191. Zucker MB, Peterson J: Effect of acetylsalicylic acid, other nonsteroidal anti-inflammatory agents, and dipyridamole on human blood platelets. *J Lab Clin Med* 76:66-75, Jul 70  
ADENINE NUCLEOTIDES, pharmacodynamics/  
\*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ \*ASPIRIN, pharmacodynamics/ \*BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/  
CENTRIFUGATION/ CONNECTIVE TISSUE, metabolism/ \*DIPYRIDAMOLE, pharmacodynamics/ DRUG SYNERGISM/  
EPINEPHRINE, pharmacodynamics/  
FLUFENAMIC ACID, pharmacodynamics/  
HUMAN/ INDOMETHACIN, pharmacodynamics/  
MEFENAMIC ACID, pharmacodynamics/  
PHENYLBUTAZONE, pharmacodynamics/  
\*SEROTONIN, diagnostic use/ SODIUM SALICYLATE, pharmacodynamics/  
SULFINPYRAZONE, pharmacodynamics
7192. Zucker S, Brosious E, Cooper GR: One-stage prothrombin time survey. *Amer J Clin Path* 53:340-7, Mar 70  
ANALYSIS OF VARIANCE/  
ANTICOAGULANTS, therapeutic use/  
HUMAN/ LABORATORIES, standards/  
METHODS/ \*PROTHROMBIN TIME, standards/  
THROMBOPLASTIN/ UNITED STATES
7193. Zucker S, Cathey MH, Sox PJ, et al: Standardization of laboratory tests for controlling anticoagulant therapy. *Amer J Clin Path* 53:348-54, Mar 70  
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ \*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BRAIN/ CATTLE/  
COMPARATIVE STUDY/ COUMARINS, therapeutic use/ FACTOR VII, analysis/  
FACTOR X, analysis/ HUMAN/  
HYPOPROCONVERTINEMIA, blood/  
HYPOPROTHROMBINEMIAS, blood/  
\*INDICATORS AND REAGENTS, standards/  
METHODS/ \*PROTHROMBIN TIME, standards/  
RABBITS/ \*THROMBOPLASTIN, standards/  
WARFARIN, therapeutic use
7194. Zühlke H, Lippmann HG, Wilke W: Fraktionierung handelsüblichen Insulins. II. Aktivierung von Proinsulin durch Trypsin. *Acta Biol Med German* 23:361-4, 1969 (Ger)  
ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ CATTLE/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ GEL FILTRATION/ GELS/ INSULIN, isolation & purification/ \*INSULIN, pharmacodynamics/  
POLYMERS/ RABBITS/ \*TRYPSIN, pharmacodynamics



## AUTHOR SECTION

7195. Zühlke V, Hermann G, Faul P: Immunologische Untersuchungen über die Ausscheidung von Fibrinogenspaltprodukten im Harn nierentransplanterter Patienten als mögliches Zeichen einer Abstossungsreaktion. *Langenbecks Arch Chir* 325:725-31, 1969 (Ger)  
ENGLISH ABSTRACT/ \*FIBRINOGEN, urine/ GEL DIFFUSION TESTS/ \*GRAFT VS HOST REACTION/ HUMAN/ IMMUNOELECTROPHORESIS/ \*KIDNEY, transplantation/ POSTOPERATIVE COMPLICATIONS, diagnosis/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY
7196. Zürn H: Die Problematik einer gezielten medikamentösen Blutstillung und Gerinnungsförderung bei pathologischer Blutungsneigung. *Deutsch Gesundh* 24:2353-60, 11 Dec 69 (174 ref.) (Ger)  
AMINOCAPROIC ACID, administration & dosage/ ANTIFIBRINOLYTIC AGENTS, administration & dosage/ BENZOATES, administration & dosage/ \*BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, physiology/ CALCIUM, blood/ CORTISONE, administration & dosage/ EPINEPHRINE, administration & dosage/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ \*HEMOSTASIS/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH/ PROTHROMBIN TIME/ REVIEW/ THROMBIN, analysis/ THROMBOSIS, physiopathology/ VITAMIN B 12, administration & dosage
7197. Zürn H: Untersuchungen über die Beeinflussung der Thrombozytenfunktion durch Flavonderivate. *Folia Haemat (Leipzig)* 92:550-2, 1969 (Ger)  
\*BLOOD PLATELETS, drug effects/ DRUG ANTAGONISM/ ERYTHROCYTES, drug effects/ \*FLAVONES, pharmacodynamics/ HEMOSTASIS, drug therapy/ HUMAN/ OSMOTIC FRAGILITY/ PECTINS, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ THROMBOSIS, prevention & control
7198. Zwart D, Leeftang P, Vorstenbosch CJ van: Studies on an eperythrozoon associated with bovine thrombocytes. *Zbl Bakt [Orig]* 210:82-105, May 69  
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, microbiology/ CATTLE/ \*CATTLE DISEASES, microbiology/ EPERYTHROZON, cytology/ EPERYTHROZON, drug effects/ \*EPERYTHROZON, isolation & purification/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ NEOARSPHENAMINE, pharmacodynamics/ SPLENECTOMY, veterinary
7199. Zwilling R: Separation of the similarly charged iso-enzymes of *Astacus leptodactylus* trypsin for quantitative amino acid analysis and specificity studies. *Experientia* 26:564, 15 May 70  
\*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ \*CRUSTACEA, metabolism/ \*ELECTROPHORESIS, DISK/ \*ISOENZYMES, isolation & purification/ METHODS/ \*TRYPSIN, isolation & purification
7200. Zwilling R, Motzeszowicz-Podzun I, Breddin K: Die Wirkung der trypsinähnlichen Protease aus *Astacus leptodactylus* (Crustacea) auf die Blutgerinnung. *Thromb Diath Haemorrh* 23:360-8, 1970 (Ger)  
ANIMAL EXPERIMENTS/ \*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CATTLE/ CRUSTACEA, enzymology/ ENZYME ACTIVATION/ \*PEPTIDE HYDROLASES, pharmacodynamics/ PROTHROMBIN/ THROMBIN/ TRYPSIN, pharmacodynamics
7201. Zwilling R, Tomášek V: Amino-acid composition of crayfish trypsin. *Nature (London)* 228:57-8, 3 Oct 70  
\*AMINO ACIDS, analysis/ CATTLE/ \*CRUSTACEA/ ELECTROPHORESIS, DISK/ EVOLUTION/ SHARKS/ \*TRYPSIN, analysis
7202. Zwinger A, Schönfeld V, Mareš J, et al: Die Applikation eines intrauterinen Antikonzektionspessars bei der Behandlung der Uterus-Synechien infertiler Frauen. *Zbl Gynaek* 91:63-7, 11 Jan 69 (Ger)  
ABORTION, HABITUAL, etiology/ \*ABORTION, HABITUAL, prevention & control/ ADHESIONS/ FEMALE/ HUMAN/ HYSTEROSALPINGOGRAPHY/ \*INTRAUTERINE DEVICES/ POSTOPERATIVE CARE/ PREGNANCY/ STERILITY, FEMALE, etiology/ \*STERILITY, FEMALE, surgery/ UTERINE DISEASES, surgery/ \*UTERUS, abnormalities
7203. Zyk N, Citri N, Moyed HS: Alteration of the conformational response and inhibition of xanthosine 5'-phosphate aminase by adenine glycosides. *Biochemistry (Wash)* 9:677-83, 3 Feb 70  
ADENINE/ \*ANTIBIOTICS/ CULTURE MEDIA/ ESCHERICHIA COLI, enzymology/ GUANIDINES/ HEAT/ KINETICS/ \*LIGASES/ LIGASES, antagonists & inhibitors/ MUTATION/ \*NUCLEOSIDES/ NUCLEOTIDES/ PEPTIDE HYDROLASES/ PYROPHOSPHATES/ TRYPSIN/ UREA
7204. Zykova KI: Primenenie trupnoi krvi pri lechenii tromboembolicheskikh zabolevani. *Voennomed Zh* 12:72-3, Dec 69 (Rus)  
BLOOD PRESERVATION/ \*BLOOD TRANSFUSION/ \*CADAVER/ FIBRINOLYSIS/ HUMAN/ MILITARY MEDICINE/ \*THROMBOEMBOLISM, therapy/ USSR

## ANONYMOUS

### Amer Heart J

7205. Streptokinase therapy in acute major pulmonary embolism. *Amer Heart J* 79:574-8, Apr 70  
HUMAN/ \*PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, administration & dosage/ \*STREPTOKINASE, therapeutic use

### Amer J Hosp Pharm

7206. Determination of purity of toluidine blue O by thin layer chromatography (TLC). *Amer J Hosp Pharm* 26:540-2, Sep 69  
CHROMATOGRAPHY, THIN LAYER/ HEMOSTATICS, analysis/ \*INDICATORS AND REAGENTS, analysis/ \*PHENOTHIAZINES, analysis

### Anesth Analg (Paris)

7207. Transplantations rénales et anesthésiologie. *Anesth Analg (Paris)* 27:161-206, Mar-Apr 70 (Fre)  
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ \*ANESTHESIA/ ANESTHESIA, GENERAL/ ANESTHETICS/ BLOOD GROUPS/ CADAVER/ CHILD/ FEMALE/ GRAFT VS HOST REACTION/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HISTOCOMPATIBILITY TESTING/ HUMAN/ \*KIDNEY, transplantation/ KIDNEY FAILURE, ACUTE, surgery/ KIDNEY FAILURE, CHRONIC, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREANESTHETIC MEDICATION/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PREOPERATIVE CARE/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

### Berlin Munchen Tierärztl Wschr

7208. Kavernöses Hämangiom in der Wirbelsäule eines Hundes.



# AUTHOR SECTION

Berlin Munchen Tieraerztl Wschr 82:444, 15 Nov 69  
(Ger)

\*DOG DISEASES/ DOGS/ \*HEMANGIOMA,  
CAVERNOUS, veterinary/ MALE/ \*SPINAL  
NEOPLASMS, veterinary

## Bibl Haemat

7209. Probleme bei der Beschaffung und Herstellung von  
Immunglobulin-Anti-D.

Bibl Haemat 32:150-64, 1969 (Ger)

\*BLOOD DONORS/ BLOOD PRESERVATION/  
BLOOD PROTEINS, analysis/  
CHROMATOGRAPHY, ION EXCHANGE/  
\*ERYTHROBLASTOSIS, FETAL, prevention &  
control/ FEMALE/ \*GAMMA GLOBULIN, 7S,  
isolation & purification/ GAMMA GLOBULIN,  
7S, therapeutic use/ HUMAN/  
IMMUNIZATION/ IMMUNIZATION  
SCHEDULE/ MALE/ PLASMAPHERESIS

## Blut

7210. Zur Therapie mit Chloramphenicol.

Blut 20:125-6, Feb 70 (Ger)

AGRANULOCYTOSIS, chemically induced/  
ANEMIA, APLASTIC, chemically induced/  
BILIARY TRACT DISEASES, drug therapy/  
BRONCHITIS, drug therapy/  
CHLORAMPHENICOL,  
administration & dosage/  
\*CHLORAMPHENICOL, adverse effects/  
CHRONIC DISEASE, drug therapy/  
GERMANY, WEST/ LEUKEMIA, chemically  
induced/ MENINGITIS, drug therapy/  
MIYAGAWANELLA INFECTIONS, drug  
therapy/ RICKETTSIAL DISEASES, drug  
therapy/ SALMONELLA INFECTIONS, drug  
therapy/ SOCIETIES, MEDICAL/  
THROMBOPENIA, chemically induced/  
UNITED STATES/ UNITED STATES FOOD  
AND DRUG ADMINISTRATION/ URINARY  
TRACT INFECTIONS, drug therapy

## Bol Odont (B Air)

7211. Odontologia práctica.

Bol Odont (B Air) 37-8, Jan-Jun 69 (Spa)

ANTICOAGULANTS, therapeutic use/  
HEMORRHAGE, ORAL, prevention & control/  
HEMOSTATICS/ SPECIAL LIST DENTAL/  
TOOTH EXTRACTION

## Brit Med J

7212. Control of anticoagulants. Brit Med J 4:125-6, 18 Oct 69

\*ANTICOAGULANTS, therapeutic use/ GREAT  
BRITAIN/ HUMAN/ \*PROTHROMBIN TIME,  
standards/ \*THROMBOPLASTIN, standards

7213. Fibrinolysis and menstrual bleeding.

Brit Med J 1:61-2, 10 Jan 70

AMINOCAPROIC ACID, therapeutic use/  
FEMALE/ \*FIBRINOLYSIS/ HUMAN/  
MENORRHAGIA, drug therapy/  
\*MENSTRUATION

7214. Pancreatic extracts. Brit Med J 2:161-3, 18 Apr 70

ADULT/ AGED/ BICARBONATES, therapeutic  
use/ BILE ACIDS AND SALTS/ CYSTIC  
FIBROSIS, drug therapy/ HUMAN/ INFANT/  
LIPASE/ MALABSORPTION SYNDROMES,  
drug therapy/ PANCREATIC DISEASES, drug  
therapy/ \*PANCREATIC EXTRACTS,  
administration & dosage/ PANCREATIC  
EXTRACTS, adverse effects/ PANCREATIC  
NEOPLASMS, drug therapy/ PANCREATITIS,  
drug therapy/ POSTGASTRECTOMY  
SYNDROMES, drug therapy/ TABLETS,  
ENTERIC-COATED/ TRYPSIN

7215. Abdominal emergencies and anticoagulation.

Brit Med J 1:706, 21 Mar 70

\*ABDOMEN, ACUTE, chemically induced/  
ABDOMEN, ACUTE, drug therapy/ ABDOMEN,  
ACUTE, therapy/ \*ANTICOAGULANTS,  
adverse effects/ HEMORRHAGE,  
GASTROINTESTINAL, chemically induced/  
HUMAN/ VITAMIN K, therapeutic use

7216. Entrapment neuropathies. Brit Med J 1:645, 14 Mar 70

HEMATOMA, etiology/ HUMAN/ ISCHEMIA,  
etiology/ NEURITIS, diagnosis/ \*NEURITIS,  
etiology/ \*PRESSURE

7217. Long-term anticoagulant treatment after myocardial  
infarction. Brit Med J 1:514-5, 28 Feb 70

\*ANTICOAGULANTS, administration & dosage/  
ANTICOAGULANTS, adverse effects/  
FEMALE/ HEMORRHAGE, chemically induced/  
HUMAN/ MALE/ MIDDLE AGE/  
\*MYOCARDIAL INFARCT, drug therapy/  
MYOCARDIAL INFARCT, mortality

7218. Enzyme detergents. Brit Med J 1:518, 28 Feb 70

\*DERMATITIS, CONTACT, etiology/  
\*DETERGENTS, adverse effects/ FEMALE/  
HUMAN/ \*PEPTIDE HYDROLASES, adverse  
effects

7219. Haemostasis and the uterus. Brit Med J 1:553-4, 6 Jun 70

FACTOR VIII, blood/ FEMALE/  
\*HEMOSTASIS/ HUMAN/ PREGNANCY/  
\*UTERUS, physiology

## Cah Coll Med Hop Paris

7220. Pathologie cardio-vasculaire.

Cah Coll Med Hop Paris 10:1367-84, 30 Dec 69 (Fre)

AGE FACTORS/ AGED/ ANTICOAGULANTS,  
adverse effects/ ARRHYTHMIA, drug therapy/  
ARTERIOSCLEROSIS, drug therapy/  
ARTERITIS, drug therapy/  
\*CARDIOVASCULAR DISEASES, drug therapy/  
CORONARY DISEASE, drug therapy/  
FEMALE/ HEART FAILURE, CONGESTIVE,  
drug therapy/ HUMAN/ HYPERTENSION,  
drug therapy/ LUNG DISEASES,  
drug therapy/ MALE

## Calif Med

7221. Differential diagnosis of platelet dysfunction.

Calif Med 112:66-76, Mar 70

ADOLESCENCE/ BLOOD PLATELET  
DISORDERS/ \*BLOOD PLATELET  
DISORDERS, diagnosis/ DIAGNOSIS,  
DIFFERENTIAL/ HUMAN/ MALE

7222. Von Willebrands disease. Distinction from other  
syndromes associated with a long bleeding time, and  
from hemophilia. Calif Med 111:113-9, Aug 69

ADULT/ CASE REPORT/ DIAGNOSIS,  
DIFFERENTIAL/ FACTOR VIII/  
HEMOPHILIA, diagnosis/ HUMAN/ \*VON  
WILLEBRAND'S DISEASE, diagnosis

7223. The clinical importance of pharmacogenetics.

Calif Med 111:291-7, Oct 69

ABNORMALITIES, complications/ ADULT/  
AGED/ CHILD, PRESCHOOL/ CHROMOSOME  
ABNORMALITIES, chemically induced/ DRUG  
HYPERSENSITIVITY/ DRUG THERAPY,  
adverse effects/ DRUG TOLERANCE/ DRUGS,  
metabolism/ FEMALE/ GENOTYPE/  
GLUCOSEPHOSPHATE DEHY- DROGENASE  
DEFICIENCY, etiology/ HEMOLYSIS/  
HUMAN/ ISONIAZID, metabolism/ MALE/  
\*PHARMACOGENETICS/ PRIMAQUINE,  
pharmacodynamics/ WARFARIN, metabolism

## Canad Med Ass J

7224. Chemical mediators of the vascular phenomena of  
acute inflammation.

Canad Med Ass J 101:96-8, 1 Nov 69

ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
CAPILLARIES/ CAPILLARY PERMEABILITY/  
HISTAMINE/ HUMAN/ \*INFLAMMATION,  
physiopathology/ KININS/ LEUKOCYTES/  
MICROSCOPY, ELECTRON/ PEPTIDE  
HYDROLASES/ RATS/ SEROTONIN

## Circulation

7225. Coronary heart disease in seven countries. XVII. The

diet. Circulation 41:Suppl 1:162+, Apr 70

ADULT/ ANALYSIS OF VARIANCE/  
CHOLESTEROL, blood/ \*CORONARY  
DISEASE, occurrence/ \*DIET, ATHEROGENIC/  
DIETARY FATS, analysis/ FATTY ACIDS,  
analysis/ FINLAND/ FOOD ANALYSIS/ FOOD  
HABITS/ GREECE/ HUMAN/  
INTERNATIONAL COOPERATION/ JAPAN/  
MALE/ MEDITERRANEAN ISLANDS/ MIDDLE  
AGE/ NETHERLANDS/ NUTRITION/  
NUTRITION SURVEYS/ SEASONS/ UNITED  
STATES/ YUGOSLAVIA



# AUTHOR SECTION

## Clin Pharmacol Ther

7226. Cytarabine (Cytosar).  
Clin Pharmacol Ther 11:155-60, Jan-Feb 70  
ADULT/ ANIMAL EXPERIMENTS/ BLOOD  
PLATELET DISORDERS, chemically induced/  
CHILD/ CHILD, PRESCHOOL/ \*CYTARABINE/  
CYTARABINE, administration & dosage/  
CYTARABINE, adverse effects/ CYTARABINE,  
metabolism/ CYTARABINE, toxicity/ DOGS/  
HUMAN/ LEUKEMIA, MYELOCYTIC, drug  
therapy/ LEUKOPENIA, chemically induced/  
RATS

## Cuore Circ

7227. Indirizzi di massima per la terapia anticoagulante.  
Cuore Circ 54:35-8, Feb 70 (Ita)  
\*ANTICOAGULANTS, therapeutic use/  
\*BLOOD COAGULATION DISORDERS, drug  
therapy/ CEREBROVASCULAR DISORDERS,  
drug therapy/ HUMAN/ \*MYOCARDIAL  
INFARCT, drug therapy/  
THROMBOEMBOLISM, drug therapy/  
\*THROMBOPHLEBITIS, drug therapy

## Drug Ther Bull

7228. Chemotherapy in malignant disease.  
Drug Ther Bull 8:13-6, 13 Feb 70  
ANEMIA, chemically induced/  
ANTINEOPLASTIC AGENTS, adverse effects/  
\*ANTINEOPLASTIC AGENTS, therapeutic use/  
BLOOD PLATELET DISORDERS, chemically  
induced/ BONE MARROW, drug effects/  
HUMAN/ LEUKOPENIA, chemically induced

## J Amer Vet Med Ass

7229. Case records of the Angell Memorial Animal Hospital.  
J Amer Vet Med Ass 155:1508-13, 1 Nov 69  
\*DOG DISEASES, pathology/ DOGS/  
HEMANGIOENDOTHELIOMA, pathology/  
\*HEMANGIOENDOTHELIOMA, veterinary/  
HEMORRHAGE, veterinary/ \*LUNG  
NEOPLASMS, veterinary/ MALE/ NEOPLASM  
METASTASIS/ SPLENIC NEOPLASMS,  
pathology/ \*SPLENIC NEOPLASMS, veterinary

## J Arkansas Med Soc

7230. Idiopathic thrombocytopenia pupura: Harris.  
J Arkansas Med Soc 66:492-5, May 70  
CHILD/ FEMALE/ HUMAN/ PREDNISONE,  
therapeutic use/ \*PURPURA,  
THROMBOPENIC/ PURPURA,  
THROMBOPENIC, diagnosis/ PURPURA,  
THROMBOPENIC, drug therapy/ PURPURA,  
THROMBOPENIC, etiology

## J Indian Med Ass

7231. Need for whole blood--not fractionated plasma.  
J Indian Med Ass 53:571, 16 Jun 69  
\*BLOOD BANKS/ \*BLOOD PRESERVATION/  
HUMAN/ INDIA/ \*PLASMA

## J Kentucky Med Ass

7232. Study of maternal mortality.  
J Kentucky Med Ass 68:75-6, Feb 70  
ADULT/ \*BLOOD COAGULATION  
DISORDERS, complications/ CASE REPORT/  
\*CEREBRAL HEMORRHAGE, etiology/  
FEMALE/ HUMAN/ \*MATERNAL  
MORTALITY/ PREGNANCY/ \*PREGNANCY  
COMPLICATIONS, mortality
7233. From the files of the Committee for the Study of  
Maternal Mortality.  
J Kentucky Med Ass 67:885-7, Dec 69  
ADULT/ CASE REPORT/ \*EMBOLISM,  
AMNIOTIC FLUID, mortality/ FEMALE/  
HUMAN/ \*MATERNAL MORTALITY/  
PREGNANCY/ PREGNANCY COMPLICATIONS

## J Mount Sinai Hosp NY

7234. Small bowel appearance in anaphylactoid purpura.  
Radiological notes.  
J Mount Sinai Hosp NY 36:434-9, Sep-Oct 69  
CASE REPORT/ HUMAN/ \*INTESTINE,  
SMALL, radiography/ MALE/ \*PURPURA,  
THROMBOTIC THROMBOPENIC, radiography

## JAMA

7235. An exercise in futility. JAMA 213:862-3, 3 Aug 70

\*ANTICOAGULANTS, therapeutic use/  
CORONARY DISEASE, drug therapy/ HUMAN

7236. Guides to the evaluation of permanent impairment. The  
hematopoietic system. JAMA 213:1314-24, 24 Aug 70  
ADULT/ AGED/ ANEMIA, diagnosis/ BLOOD  
PLATELETS, physiopathology/ \*BONE  
MARROW DISEASES, diagnosis/ CHILD/  
DISABILITY EVALUATION/ ERYTHROCYTES,  
physiopathology/ FEMALE/ \*HEMATOLOGIC  
DISEASES, diagnosis/ \*HEMATOPOIETIC  
SYSTEM/ HEMORRHAGE, diagnosis/ HUMAN/  
LEUKEMIA, diagnosis/ LEUKOCYTES,  
physiopathology/ MALE/ MIDDLE AGE/  
POLYCYTHEMIA, diagnosis/  
RETICULOENDOTHELIAL SYSTEM,  
physiopathology

7237. George McClellan (1796-1847), Philadelphia surgeon.  
JAMA 211:1692, 9 Mar 70  
ALCOHOL, ETHYL, adverse effects/  
\*ALCOHOLISM, complications/ BLOOD  
PLATELETS, drug effects/ HUMAN/  
\*THROMBOPENIA, chemically induced

7238. Disseminated intravascular coagulation after  
transurethral prostatic resection.  
JAMA 210:338-9, 13 Oct 69  
\*BLOOD COAGULATION DISORDERS,  
etiology/ HUMAN/ MALE/  
PROSTATECTOMY, adverse effects/  
URETHRA, surgery

7239. Alpha-1-antitrypsin deficiency emphysema.  
JAMA 210:1094-5, 10 Nov 69  
\*BLOOD PROTEIN DISORDERS, complications/  
BLOOD PROTEIN DISORDERS, familial &  
genetic/ HUMAN/ LUNG DISEASES,  
complications/ \*PULMONARY EMPHYSEMA,  
complications/ \*TRYPSIN INHIBITORS

7240. Hemophilia prophylaxis. JAMA 212:2256-7, 29 Jun 70  
BLOOD TRANSFUSION/ FACTOR VIII,  
therapeutic use/ FACTOR XIII, therapeutic  
use/ FEES, MEDICAL/ \*HEMOPHILIA,  
prevention & control/ HEMOPHILIA, therapy/  
HUMAN/ PLASMA/ VON WILLEBRAND'S  
DISEASE, therapy

## Jap J Allerg

7241. [6th symposium: Complement]  
Jap J Allerg 19:137-59, Feb 70 (Jap)  
ANIMAL EXPERIMENTS/  
ANTIGEN-ANTIBODY REACTIONS/  
ARTHRITIS, RHEUMATOID, immunology/  
\*COMPLEMENT/ COMPLEMENT FIXATION  
TESTS/ DERMATITIS, ATOPIC, immunology/  
FLUORIDES/ GUINEA PIGS/ HEMOLYSIS/  
HEMOPHILIA, immunology/ HUMAN/  
IMMUNE SERUMS/ LIVER DISEASES,  
immunology/ MICE/ RABBITS

## Lancet

7242. Prevention of venous thrombosis.  
Lancet 1:395-6, 21 Feb 70  
ADULT/ AGE FACTORS/ ANTICOAGULANTS,  
therapeutic use/ HUMAN/ LEG, blood supply/  
MIDDLE AGE/ POSTOPERATIVE CARE/  
\*POSTOPERATIVE COMPLICATIONS,  
prevention & control/ PULMONARY  
EMBOLISM, prevention & control/  
\*THROMBOEMBOLISM, prevention & control/  
\*THROMBOPHLEBITIS, prevention & control
7243. Vascular factors in acute pancreatitis.  
Lancet 2:830-1, 18 Oct 69  
ACUTE DISEASE/ ANIMAL EXPERIMENTS/  
DEXTRAN, therapeutic use/ DOGS/ EDEMA,  
complications/ HEMORRHAGE,  
GASTROINTESTINAL, complications/  
HEPARIN, therapeutic use/ HUMAN/  
NECROSIS/ PANCREAS, blood supply/  
PANCREATITIS, drug therapy/  
\*PANCREATITIS, etiology/ \*VASCULAR  
DISEASES, complications

7244. Collaborative analysis of long-term anticoagulant  
administration after acute myocardial infarction. An  
international anticoagulant review group.



# AUTHOR SECTION

Lancet 1:203-9, 31 Jan 70

ACUTE DISEASE/ ADOLESCENCE/ ADULT/  
AGED/ ANGINA PECTORIS, complications/  
\*ANTICOAGULANTS, administration & dosage/  
CLINICAL RESEARCH/ FEMALE/  
FOLLOW-UP STUDIES/ HUMAN/ MALE/  
MIDDLE AGE/ MYOCARDIAL INFARCT,  
complications/ \*MYOCARDIAL INFARCT, drug  
therapy/ MYOCARDIAL INFARCT, mortality/  
PLACEBOS/ SEX FACTORS

7245. Long-term anticoagulants after acute myocardial infarction. Lancet 1:226-7, 31 Jan 70  
ACUTE DISEASE/ \*ANTICOAGULANTS,  
administration & dosage/ CLINICAL  
RESEARCH/ FEMALE/ FOLLOW-UP  
STUDIES/ HUMAN/ MALE/ \*MYOCARDIAL  
INFARCT, drug therapy/ MYOCARDIAL  
INFARCT, mortality/ SEX FACTORS

7246. Antitrypsin deficiency in chronic obstructive lung disease. Lancet 1:71, 10 Jan 70  
AGING/ ALPHA GLOBULIN/ BRONCHITIS,  
enzymology/ \*BRONCHITIS, etiology/  
ENVIRONMENTAL EXPOSURE/ GENES,  
RECESSIVE/ HETEROZYGOSE/  
HOMOZYGOSE/ HUMAN/ \*METABOLISM,  
INBORN ERRORS, complications/  
PULMONARY EMPHYSEMA, enzymology/  
\*PULMONARY EMPHYSEMA, etiology/  
SMOKING/ \*TRYPSIN INHIBITORS

7247. Plasma-proteins and oral contraceptives.  
Lancet 1:72-3, 10 Jan 70  
BLOOD COAGULATION DISORDERS,  
chemically induced/ \*BLOOD PROTEINS/  
COLD/ CONTRACEPTIVES, ORAL, adverse  
effects/ \*CONTRACEPTIVES, ORAL,  
pharmacodynamics/ ESTROGENS,  
pharmacodynamics/ FEMALE/ FIBRINOGEN,  
analysis/ GAMMA GLOBULIN, 7S, analysis/  
HUMAN/ MACROGLOBULINS, analysis/  
PREGNANCY/ SERUM ALBUMIN, analysis/  
THROMBOSIS, chemically induced/  
TRANSCORTIN, analysis

7248. Control of anticoagulant treatment.  
Lancet 2:990-1, 8 Nov 69  
\*ANTICOAGULANTS, administration & dosage/  
GREAT BRITAIN/ HUMAN/ \*PROTHROMBIN  
TIME, standards/ \*THROMBOPLASTIN,  
standards

7249. Standardisation of heparin. Lancet 1:1215-6, 6 Jun 70  
BIOLOGICAL ASSAY/ CATTLE/ \*HEPARIN,  
standards/ INTESTINAL MUCOSA/ LUNG/  
SHEEP/ SWINE/ WORLD HEALTH  
ORGANIZATION

7250. Warfarin-resistant rats. Lancet 1:987-8, 9 May 70  
\*RATS/ RODENT CONTROL/  
RODENTICIDES/ \*WARFARIN

7251. Trypsin inhibitors. Lancet 1:601-2, 21 Mar 70  
ANIMAL EXPERIMENTS/ INTESTINES, drug  
effects/ PANCREAS, drug effects/  
PANCREAS, enzymology/ RATS/ SOY BEANS/  
TRYPSIN INHIBITORS, analysis/ \*TRYPSIN  
INHIBITORS, pharmacodynamics

7252. Streptokinase for pulmonary embolism.  
Lancet 2:253-4, 1 Aug 70  
ANGIOGRAPHY/ FIBRINOLYTIC AGENTS,  
therapeutic use/ HEPARIN, therapeutic use/  
HUMAN/ \*PULMONARY EMBOLISM, drug  
therapy/ \*STREPTOKINASE, therapeutic use

7253. Management of haemophilic haemarthrosis.  
Lancet 1:1376-7, 27 Jun 70  
AMINOCAPROIC ACID, therapeutic use/  
CHILD/ FACTOR VIII, therapeutic use/  
HEMARTHROSIS, drug therapy/  
HEMARTHROSIS, etiology/ HEMARTHROSIS,  
surgery/ \*HEMARTHROSIS, therapy/  
\*HEMOPHILIA, complications/ HUMAN/  
MALE/ PREDNISOLONE, therapeutic use

Med J Aust

7254. Catecholamines, disseminated intravascular coagulation and shock. Med J Aust 1:785-6, 18 Apr 70

ANIMAL EXPERIMENTS/ BLOOD  
COAGULATION DISORDERS, chemically  
induced/ \*BLOOD COAGULATION  
DISORDERS, complications/  
\*CATECHOLAMINES/ CATECHOLAMINES,  
physiology/ EPINEPHRINE, adverse effects/  
FIBRINOGEN, pharmacodynamics/ MONKEYS/  
RABBITS/ \*SHOCK, chemically induced/  
SHOCK, etiology/ THROMBIN,  
pharmacodynamics

7255. Thrombolytic therapy in acute myocardial infarction.  
Med J Aust 2:348, 22 Aug 70  
ACUTE DISEASE/ \*FIBRINOLYTIC AGENTS,  
therapeutic use/ HUMAN/ \*MYOCARDIAL  
INFARCT, drug therapy/ STREPTOKINASE,  
therapeutic use

Med Lett Drugs Ther

7256. Konyne. Med Lett Drugs Ther 11:80, 19 Sep 69  
\*BLOOD COAGULATION FACTORS/ BLOOD  
COAGULATION FACTORS, administration &  
dosage/ CHRISTMAS DISEASE, drug therapy/  
FACTOR VII/ FACTOR IX/ FACTOR X/  
HUMAN

7257. Treatment of shock associated with bacterial sepsis.  
Med Lett Drugs Ther 11:93-5, 14 Nov 69  
ANTIBIOTICS, therapeutic use/ BLOOD  
VOLUME/ GLUCOCORTICOIDS, therapeutic  
use/ HEPARIN, therapeutic use/ HUMAN/  
PLASMA SUBSTITUTES/ \*SEPTICEMIA,  
complications/ SEPTICEMIA, drug therapy/  
\*SHOCK, TOXIC, drug therapy/  
SYMPATHOLYTICS, therapeutic use/  
SYMPATHOMIMETICS, therapeutic use

7258. Hemofil and other factor VIII concentrates.  
Med Lett Drugs Ther 11:96, 14 Nov 69  
\*BLOOD COAGULATION DISORDERS,  
therapy/ BLOOD TRANSFUSION/ \*FACTOR  
VIII, therapeutic use/ \*HEMOPHILIA,  
therapy/ HUMAN

Nature (London)

7259. Mapping human genes.  
Nature (London) 227:226-7, 18 Jul 70  
CELL LINE/ \*CHROMOSOME MAPPING/  
CLONE CELLS/ CYTOGENETICS/ \*GENES,  
STRUCTURAL/ GENETICS, HUMAN/ HUMAN/  
HYBRIDIZATION/ IN VITRO/ LACTATE  
DEHYDROGENASE/ LEUKOCYTES/ LINKAGE  
(GENETICS)/ PEPTIDE HYDROLASES/  
SENDAI VIRUS

7260. The universal initiator.  
Nature (London) 227:659-60, 15 Aug 70  
ANIMAL EXPERIMENTS/ BACTERIA,  
metabolism/ CARCINOMA, EHRICH TUMOR,  
metabolism/ CELL-FREE SYSTEM/  
FORMALDEHYDE, metabolism/ GENETIC  
CODE/ GLOBINS, biosynthesis/ \*METHIONINE,  
metabolism/ \*PEPTIDES, biosynthesis/  
PROTAMINES, biosynthesis/ \*PROTEINS,  
biosynthesis/ RETICULOCYTES, metabolism/  
RIBOSOMES, metabolism/ RNA, SOLUBLE,  
metabolism/ SALMONIDAE/ TESTIS,  
metabolism

7261. Rats march on. Nature (London) 227:1289, 26 Sep 70  
AGRICULTURE/ ANIMALS, DOMESTIC/  
GENES, DOMINANT/ GOVERNMENT  
AGENCIES/ GREAT BRITAIN/  
PHARMACOGENETICS/ \*RATS/  
\*RODENTICIDES/ VITAMIN K/ VITAMINS/  
\*WARFARIN

New Eng J Med

7262. Mechanism of pancreatic autodigestion.  
New Eng J Med 283:487-8, 27 Aug 70  
ACUTE DISEASE/ CARBOXYPEPTIDASES,  
metabolism/ CHYMOTRYPSIN, metabolism/  
HUMAN/ PANCREATITIS, enzymology/  
\*PANCREATITIS, etiology/ PEPTIDE  
HYDROLASES, metabolism/ PHOSPHOLIPASE,  
metabolism/ TRYPSIN, metabolism/ TRYPSIN  
INHIBITORS, metabolism

7263. Case records of the Massachusetts General Hospital.  
Weekly clinicopathological exercises. Case 1-1970.



# AUTHOR SECTION

- New Eng J Med 282:38-44, 1 Jan 70  
 ANGIOGRAPHY/ AUTOPSY/ BRAIN,  
 pathology/ CASE REPORT/ CEREBRAL  
 HEMORRHAGE, diagnosis/ \*CEREBRAL  
 HEMORRHAGE, pathology/ CEREBRAL  
 VENTRICLES, pathology/ DIABETES  
 MELLITUS, pathology/ DIAGNOSIS,  
 DIFFERENTIAL/ HEMATOMA, pathology/  
 HUMAN/ \*HYPERTENSION, pathology/ MALE/  
 MIDDLE AGE/ MYOCARDIAL INFARCT,  
 pathology/ \*PULMONARY EMBOLISM,  
 pathology/ SUBARACHNOID HEMORRHAGE,  
 diagnosis/ THROMBOPHLEBITIS, pathology
7264. Case records of the Massachusetts General Hospital.  
 Weekly clinicopathological exercises. Case 48-1969.  
 New Eng J Med 281:1234-40, 27 Nov 69  
 ABDOMEN/ AGED/ AUTOPSY/ CASE  
 REPORT/ DIAGNOSIS, DIFFERENTIAL/  
 HEMORRHAGE, GASTROINTESTINAL,  
 pathology/ HEMOTHORAX, pathology/  
 HUMAN/ LUNG, pathology/ LUNG  
 NEOPLASMS, pathology/ LYMPH NODES,  
 pathology/ LYMPHATIC METASTASIS/ MALE/  
 MEGAKARYOCYTES/ SARCOMA, RETICULUM  
 CELL, diagnosis/ \*SARCOMA, RETICULUM  
 CELL, pathology/ THROMBOPENIA, diagnosis/  
 \*THROMBOPENIA, pathology
7265. Case records of the Massachusetts General Hospital.  
 Weekly clinicopathological exercises. Case 24-1970.  
 New Eng J Med 282:1310-7, 4 Jun 70  
 AGED/ AUTOPSY/ BLOOD COAGULATION  
 DISORDERS, pathology/ BLOOD  
 TRANSFUSION, adverse effects/ CASE  
 REPORT/ CEREBRAL EMBOLISM AND  
 THROMBOSIS, pathology/ DIAGNOSIS,  
 DIFFERENTIAL/ DUODENAL ULCER,  
 pathology/ ENDOCARDITIS, BACTERIAL,  
 diagnosis/ ENDOCARDITIS, SUBACUTE  
 BACTERIAL, diagnosis/ \*ENDOCARDITIS,  
 SUBACUTE BACTERIAL, pathology/ FEMALE/  
 HALOTHANE, adverse effects/ \*HEPATITIS,  
 pathology/ HEPATITIS, HOMOLOGOUS  
 SERUM, pathology/ HEPATITIS, TOXIC,  
 pathology/ HUMAN/ MITRAL VALVE  
 STENOSIS, pathology/ MITRAL VALVE  
 STENOSIS, surgery/ NECROSIS/  
 PYELONEPHRITIS, pathology/ RHEUMATIC  
 HEART DISEASE, pathology/  
 \*STAPHYLOCOCCAL INFECTIONS, pathology
7266. Case records of the Massachusetts General Hospital.  
 Weekly clinicopathological exercises. Case 52-1969.  
 New Eng J Med 281:1414-9, 18 Dec 69  
 AGED/ ANEURYSM, MYCOTIC, diagnosis/  
 \*ANEURYSM, MYCOTIC, pathology/ AORTIC  
 ANEURYSM, complications/ \*AORTIC  
 ANEURYSM, pathology/ AORTIC DISEASES,  
 complications/ AORTIC DISEASES, diagnosis/  
 \*AORTIC DISEASES, pathology/ AORTIC  
 RUPTURE, complications/ AORTIC RUPTURE,  
 pathology/ AORTOGRAPHY/ AUTOPSY/ CASE  
 REPORT/ DIAGNOSIS, DIFFERENTIAL/  
 ELECTROCARDIOGRAPHY/ ESCHERICHIA  
 COLI INFECTIONS, complications/  
 \*ESCHERICHIA COLI INFECTIONS, pathology/  
 HEMATOMA, etiology/ HEMATOMA,  
 pathology/ HUMAN/ MALE/ SYPHILIS,  
 CARDIOVASCULAR, complications/ SYPHILIS,  
 CARDIOVASCULAR, diagnosis/ \*SYPHILIS,  
 CARDIOVASCULAR, pathology/ THORACIC  
 RADIOGRAPHY
7267. Case records of the Massachusetts General Hospital.  
 Weekly clinicopathological exercises. Case 44-1970.  
 New Eng J Med 283:919-27, 22 Oct 70  
 ABSCESS, pathology/ ADOLESCENCE/  
 \*ASPERGILLOSIS, pathology/ AUTOPSY/  
 BRAIN ABSCESS, pathology/ CASE REPORT/  
 CHRONIC DISEASE/ DERMATOMYCOSSIS,  
 pathology/ DIAGNOSIS, DIFFERENTIAL/  
 FEMALE/ HEART DISEASES, pathology/  
 \*HEPATITIS, pathology/ HUMAN/ KIDNEY  
 DISEASES, pathology/ LIVER, pathology/  
 LIVER DISEASES, diagnosis/ \*LIVER  
 DISEASES, pathology/ LUNG ABSCESS,  
 pathology/ LUNG DISEASES, FUNGAL,  
 pathology/ MYOCARDIUM, pathology/
- NECROSIS/ SEPTICEMIA, pathology/  
 THROMBOPENIA, pathology
- New York J Med  
 7268. Correlation conferences in radiology and pathology.  
 Skull lesion. New York J Med 70:1875-8, 15 Jul 70  
 CASE REPORT/ FEMALE/ \*HEMANGIOMA,  
 radiography/ HUMAN/ MIDDLE AGE/ \*SKULL  
 NEOPLASMS, radiography
- Nurs Clin N Amer  
 7269. Drugs used in the care of the cardiac patient.  
 Nurs Clin N Amer 4:645-9, Dec 69  
 ANTICOAGULANTS, therapeutic use/  
 CARDIAC GLYCOSIDES, therapeutic use/  
 DIURETICS, therapeutic use/ HEART  
 DISEASES, drug therapy/ MYOCARDIAL  
 DEPRESSANTS, therapeutic use/ SPECIAL  
 LIST NURSING
- Nutr Rev  
 7270. Response of human beings to vitamin K 1.  
 Nutr Rev 27:287-9, Oct 69 (10 ref.)  
 ADULT/ AGE FACTORS/ ANIMAL  
 EXPERIMENTS/ BLOOD COAGULATION  
 FACTORS, biosynthesis/ BODY WEIGHT/  
 CHICKENS/ DEPRESSION, CHEMICAL/  
 FEMALE/ HUMAN/ MALE/ METABOLISM,  
 drug effects/ MIDDLE AGE/  
 \*PHYTONADIONE, pharmacodynamics/  
 PROTHROMBIN, metabolism/ PROTHROMBIN  
 TIME/ REVIEW/ SEX FACTORS/  
 STIMULATION, CHEMICAL/ TIME FACTORS/  
 VITAMIN K, physiology/ WARFARIN,  
 antagonists & inhibitors/ WARFARIN,  
 pharmacodynamics
7271. Pancreatic enlargement by trypsin inhibitor and low  
 molecular weight compounds.  
 Nutr Rev 27:266-9, Sep 69 (6 ref.)  
 AMIDINES/ ANIMAL EXPERIMENTS/  
 ANTHROPOMETRY/ CHICKENS/  
 DEPRESSION, CHEMICAL/ DIET/ GROWTH,  
 drug effects/ HEAT/ MOLECULAR WEIGHT/  
 PANCREAS, anatomy & histology/  
 \*PANCREAS, drug effects/ RATS/ REVIEW/  
 SOY BEANS/ SPECIES SPECIFICITY/  
 STIMULATION, CHEMICAL/ \*TRYPSIN  
 INHIBITORS
- Ohio Med J  
 7272. Maternal deaths from hemorrhage due to ruptured  
 uterus and associated afibrinogenemia, with  
 statistical analysis of 75 cases.  
 Ohio Med J 65:1240-2, Dec 69  
 \*AFIBRINOGENEMIA, complications/ FEMALE/  
 HUMAN/ \*MATERNAL MORTALITY/  
 PREGNANCY/ PREGNANCY  
 COMPLICATIONS/ \*UTERINE HEMORRHAGE,  
 complications/ \*UTERINE RUPTURE,  
 complications
- Polliclinico [Prat]  
 7273. La terapia dell'emofilia con frazioni plasmatiche.  
 Milano, 23 Aprile 1968.  
 Polliclinico [Prat] 75:1017-9, 29 Jul 68 (Ita)  
 \*FACTOR VIII, therapeutic use/  
 \*HEMOPHILIA, therapy/ HUMAN
- Soins  
 7274. Transfusion sanguine; principaux produits utilisés en  
 transfusion et leurs indications.  
 Soins 15:27-8, Jan 70 (Fre)  
 BLOOD CELLS/ BLOOD COAGULATION  
 FACTORS/ BLOOD TRANSFUSION/ SPECIAL  
 LIST NURSING
- Southern Med J  
 7275. Surgical Grand Rounds from the University of  
 Mississippi Medical Center.  
 Southern Med J 63:1021-9, Sep 70  
 ABDOMEN, ACUTE, surgery/ ABDOMINAL  
 INJURIES, diagnosis/ \*ABDOMINAL INJURIES,  
 surgery/ ADULT/ CASE REPORT/ COMMON  
 BILE DUCT, surgery/ HEMATOMA, surgery/  
 \*HEPATECTOMY/ HUMAN/ \*LIVER, injuries/  
 MALE/ WOUNDS, GUNSHOT, diagnosis/  
 \*WOUNDS, GUNSHOT, surgery



## AUTHOR SECTION

### T Norsk Laegeforen

7276. Kontrollav behandling med antikoagulantia ved reiser i utlandet. T Norsk Laegeforen 90:713, 1 Apr 70 (Nor)  
\*ANTICOAGULANTS, therapeutic use/  
HUMAN/ TRAVEL

7277. Et nytt antifibrinolytisk middel (cyklokapron) med effekt ved menoragi.

T Norsk Laegeforen 89:1437, 15 Sep 69 (Nor)  
\*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ FEMALE/ HUMAN/ \*MENORRHAGIA, drug therapy

### Texas Med

7278. Clinicopathologic conference.

Texas Med 66:78-85, Jul 70

\*BLOOD COAGULATION DISORDERS, pathology/ CASE REPORT/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HEMANGIOMA, CAVERNOUS, complications/ \*HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MALE/ SPLENIC NEOPLASMS, complications/ \*SPLENIC NEOPLASMS, pathology/ STOMACH NEOPLASMS, complications/ \*STOMACH NEOPLASMS, pathology

### Ugeskr Laeg

7279. Diagnosen af det kroniske subdurale haematom hos voksne. Ugeskr Laeg 132:279-80, 5 Feb 70 (Dan)  
ADULT/ ANTICOAGULANTS, adverse effects/ CEREBRAL ANGIOGRAPHY/ CEREBROVASCULAR DISORDERS, diagnosis/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ DURA MATER, injuries/ ELECTROENCEPHALOGRAPHY/ \*HEMATOMA, SUBDURAL, diagnosis/ HEMATOMA, SUBDURAL, etiology/ HUMAN/ SKULL, radiography

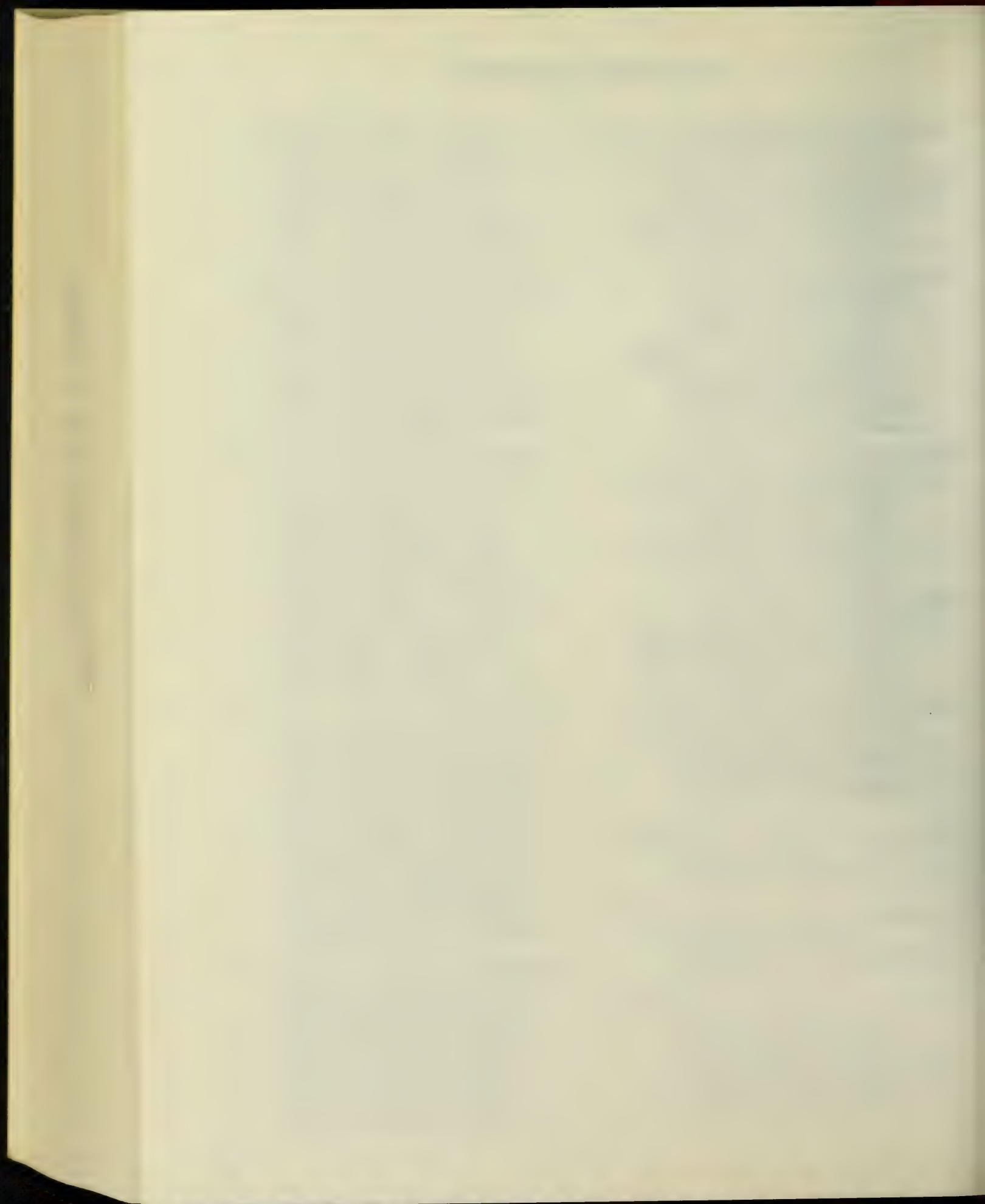
### Z Haut Geschlechtskr

7280. Erlanger Dermatologenabend.

Z Haut Geschlechtskr 44:Suppl:105-14, 1 Aug 69 (Ger)

ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGAMMAGLOBULINEMIA, diagnosis/ AGED/ ANGIOMATOSIS, diagnosis/ BLASTOMYCOSIS, diagnosis/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ EHLERS-DANLOS SYNDROME, diagnosis/ FEMALE/ HUMAN/ INFANT, NEWBORN/ KERATOSIS, diagnosis/ KERATOSIS FOLLICULARIS, diagnosis/ LICHEN PLANUS, diagnosis/ LYMPHANGIOMA, diagnosis/ MALE/ MIDDLE AGE/ MYCOSIS FUNGOIDES, diagnosis/ PORPHYRIA, diagnosis/ PYODERMA, diagnosis/ \*SKIN DISEASES, diagnosis/ SYPHILIS, CUTANEOUS, diagnosis/ XERODERMA PIGMENTOSUM, diagnosis







# SUBJECT INDEX

## A

- ABDOMEN: 542, 2189, 2656, 2793, 4076, 4235, 4844, 4860, 5762, 6193, 6398, 6839, 6845, 7264  
 ABDOMEN, ACUTE: 497, 1101, 3292-3294, 3865, 5824, 6181, 7215, 7275  
 ABDOMINAL INJURIES: 113, 896, 1706, 1774, 1904, 1971, 2419, 2518, 5616, 5632, 6181, 7275  
 ABDOMINAL NEOPLASMS: 5674  
 ABDOMINAL WALL: 673, 1916, 3500, 5678, 6205  
 ABDUCENT NERVE: 5409  
 ABETALIPOPROTEINEMIA: 1155  
 ABNORMALITIES: 1560, 1955, 2554, 4345, 4829, 4874, 5403, 5647, 5696, 6306, 7223  
 ABNORMALITIES, DRUG-INDUCED: 599, 610, 1225  
 ABNORMALITIES, MULTIPLE: 691, 1256, 3073, 3118, 4424, 4428, 4507, 5670, 6034, 6170, 6770  
 ABO FACTORS: 110, 139, 184, 608, 812, 900, 1039, 1054, 1352, 1453, 2333, 2488, 3439, 3447, 3728, 3909, 3934, 3937, 5767, 6142, 6357, 6634, 6881  
 ABOMASUM: 2420  
 ABORTION: 32, 137, 1285, 3613, 5242, 5924, 6648, 5676  
 ABORTION, CRIMINAL: 3483, 3613, 4859, 4976, 6621  
 ABORTION, HABITUAL: 6976, 7202  
 ABORTION, LEGAL: 6622  
 ABORTION, MISSED: 2725  
 ABORTION, SEPTIC: 2987, 3394, 3751, 5014, 6137  
 ABORTION, THERAPEUTIC: 138, 1960, 2724, 5893, 6277, 6620  
 ABORTION, VETERINARY: 4225  
 ABRUPTIO PLACENTAE: 379, 581, 649, 1158, 1875, 2146, 2557, 3219, 3239, 3414, 4550, 4582, 5767, 5924, 6046, 6137, 6648  
 ABSCESS: 323, 895, 1470, 1714-1715, 3780, 3865, 3881, 5763, 6120, 6288, 6550, 7183, 7267  
 ABSENTEISM: 753, 1184  
 ABSORPTION: 32, 1313, 1513, 1848, 2206, 2488, 2541, 2555, 3408, 3527, 3932, 3937-3938, 4143, 4473, 4549, 4624, 4941, 5388, 5812, 6174, 6444, 6551, 6855  
 ACCIDENTS: 5331  
 ACCIDENTS, TRAFFIC: 1234, 1305, 1322, 2419, 3526, 4685, 4987, 5135, 5584, 6227, 6420, 6530  
 ACCLIMATIZATION: 95, 107, 2711, 3146, 5727  
 ACENOCUMAROL: 48, 85, 734, 1149, 1857, 2440, 2691, 2991, 3634, 3756, 4236, 4284, 4757, 5183-5184, 6834-6836  
 ACETABULUM: 818, 4434, 6239  
 ACETALDEHYDE: 6609  
 ACETAMINOPHEN: 261, 4238  
 ACETANILIDE: 942  
 ACETATES: 163, 611, 1511, 1551, 1628, 1847, 1939, 2437, 2693, 2717, 2924, 3035, 3060, 3090, 3198, 3657, 3731, 4038, 4221, 4267, 4341, 4574, 4822, 5107, 5120, 5554, 5568, 5759, 6185, 6359, 6440, 6915, 6956, 7101  
 ACETAZOLAMIDE: 2827, 3562, 3608, 5386, 6451  
 ACETIC ACIDS: 119, 251, 264, 426, 605, 741, 771, 908, 934, 981, 1581, 1607, 1810, 1907, 2159, 2182, 2217, 2702, 2748, 2983, 4024, 4403, 4538, 4759, 4834, 5381, 5422, 5531, 5808, 6108, 6249, 6788, 6809, 7158  
 ACETOACETATES: 533  
 ACETONE: 249-250, 657, 957, 1539, 1628, 1791, 2015, 2765, 2802, 2847, 2912, 3401, 4510, 4799, 5808, 5895, 6027, 6686, 6964  
 ACETOPHENONES: 2063, 2757, 5926  
 ACETRIZOIC ACID: 6318  
 ACETYLCOLINE: 980, 1768, 1816, 1940, 2008-2007, 2843-2844, 2888, 3007, 3600, 4512, 4683, 6033, 6945  
 ACETYLCOLINESTERASE: 1408, 2522, 2622, 3007, 3049, 4045, 4074-4075, 4387, 4683, 6202, 8537  
 ACETYLCYSTEINE: 3678, 6566  
 ACETYLENE: 4412  
 ACETYLERASE: 7054  
 ACHILLES TENDON: 69, 1939, 6171  
 ACHLORHYDRIA: 2870  
 ACHONDROPLASIA: 6750  
 ACHROMOBACTER: 2449, 3399  
 ACID-BASE EQUILIBRIUM: 398, 409, 416, 930, 1199, 1566, 1689, 1744, 2668, 2878, 3254, 3354, 3687, 3744, 3854, 4346, 4536, 4584, 5544, 5648, 6005, 6048, 6260, 6320, 6426, 6882, 6911, 7164  
 ACID PHOSPHATASE: 122, 169, 263, 310, 546, 564, 681-682, 772, 1320, 1790, 1849, 2539-2541, 2657, 2659, 2793, 3164, 3252, 3423, 3425, 3623, 4277, 4401, 4618, 4895, 5377-5378, 5769, 6105, 6168, 6473, 6944, 7060  
 ACIDOSIS: 580-581, 694, 751, 764, 2410, 2849, 3466-3467, 4437, 4981, 5058, 5738, 5760, 5824, 6048, 6681, 6911  
 ACIDOSIS, DIABETIC: 1011  
 ACIDOSIS, RESPIRATORY: 580, 751, 3519, 6703, 7160  
 ACIDS: 2, 1317-1318, 1614, 1690, 2231, 2444, 2655, 3405, 3827, 4563, 4688, 5526, 5765, 5882, 5938, 6201, 6880  
 ACNE: 3870  
 ACOUSTIC NERVE: 3535  
 ACRIDINES: 426, 838, 1808, 2288, 2598, 3101, 4758, 5876  
 ACRODERMATITIS: 2196, 3996, 6374  
 ACRYLATES: 126, 450, 613, 628, 796, 892, 934, 937, 1154, 1564, 1763, 1770, 1885, 2028, 2353, 2517-2518, 2555, 2633, 2810, 3147, 3347, 3590, 3860, 4052, 4070, 4095, 4491-4492, 4723, 4819, 4910, 5022, 5188, 5353, 5428, 5808, 6042, 6280, 6331, 7102-7103  
 ACRYLIC RESINS: 818, 1563, 2158, 2655, 2718, 4549, 5490, 6450  
 ACTINOMYCETES: 1385, 6795  
 ACTINOMYCETALAE: 6596  
 ACTINOMYCIN: 2439, 4043, 6191  
 ACTION POTENTIALS: 2312, 3601, 3967, 4512, 4928, 7167  
 ACTIVITIES OF DAILY LIVING: 189  
 ACUPUNCTURE: 4689  
 ACUTE DISEASE: 25, 64, 82, 125, 127, 135, 172, 214, 220, 234, 293, 296, 385, 408, 443, 447, 487, 689, 843, 887, 905, 1028, 1086, 1131, 1172, 1392, 1525, 1538, 1579, 1617, 1852, 1887, 1933, 1964, 2272, 2335, 2433, 2366, 2397, 2454, 2461, 2511, 2577, 2632, 2694, 2751, 2788, 2884, 3009, 3024, 3185, 3197, 3203, 3262, 3306, 3367, 3421, 3429, 3440, 3519, 3562, 3591, 3612, 3650, 3768, 3770, 3952, 3976, 4115, 4219, 4264, 4300, 4336, 4343, 4407, 4420, 4541, 4568, 4599, 5030, 5117, 5137, 5207, 5288, 5452, 5509, 5605, 5703, 5716, 5761, 5814, 5931, 5950, 6059, 6133, 6140, 6452, 6755, 6821, 6854, 6936, 7052, 7224, 7243-7245, 7255, 7262, 7280  
 ACUTE YELLOW ATROPHY: 2024, 3632  
 ACYLTRANSFERASES: 1408, 1525, 2662, 3619, 4852, 5145, 6105, 6440  
 ADAPTATION, BIOLOGICAL: 3880  
 ADAPTATION, OCULAR: 4624  
 ADAPTATION, PHYSIOLOGICAL: 107, 428, 820-821, 1344, 6813  
 ADAPTATION, PSYCHOLOGICAL: 58, 6080  
 ADDISON'S DISEASE: 5065, 5799  
 ADENINE: 11, 806, 900-901, 1317, 2231, 2659, 4686-4688, 4775, 5435, 5854, 5882-5883, 6236-6237, 6489, 7203  
 ADENINE NUCLEOTIDES: 14, 114, 191, 238, 249-250, 397, 412, 459-460, 478, 530, 563, 598, 639-640, 642, 661, 697, 699, 779, 871-872, 886, 996, 1019, 1033, 1280, 1308, 1337-1338, 1347, 1477, 1532, 1644, 1665-1666, 1744, 1826, 1902, 2009, 2061, 2183, 2214, 2266, 2268, 2310, 2416, 2453, 2502, 2515, 2539-2540, 2620, 2649, 2659-2662, 2701-2702, 2730, 2807, 2824, 3092, 3181, 3234, 3236-3237, 3250, 3296, 3305, 3369, 3424, 3485, 3496, 3574, 3584, 3597, 3652, 3831-3832, 4020, 4032-4033, 4070, 4073, 4091, 4341, 4423, 4452, 4470-4471, 4586, 4681-4682, 4686-4688, 4728, 4756, 4830, 4933, 4995, 5029, 5115, 5132-5133, 5167, 5238, 5338, 5347, 5402, 5422, 5520, 5565, 5592, 5597-5599, 5623, 5665, 5770, 5854, 5859, 5888, 5900, 5937, 5977, 6056, 6070, 6097, 6142, 6179, 6297, 6307, 6370, 6424, 6456, 6459, 6524, 6531, 6617, 6717, 6773, 6864, 6895, 6897, 6930-6931, 6933, 6964, 7005, 7133-7134, 7165-7166, 7191  
 ADENOCARCINOMA: 12, 90, 320, 439, 512, 716, 835, 1035, 1106, 1752-1753, 1873, 2140, 2173, 2554, 3364, 3431, 3640, 3777, 3812, 3876, 3937, 4035, 4069, 4140, 5081, 5142, 5312, 5333, 5491, 5525, 5541, 5872, 6007, 6215, 6333, 7137  
 ADENOCARCINOMA, PAPILLARY: 355  
 ADENOFIBROMA: 5082  
 ADENOIDECTOMY: 1954, 3173, 5221, 6427  
 ADENOIDS: 5864  
 ADENOMA: 1035, 2203, 2919, 3674, 4006, 4140, 5081-5082, 5385, 5525, 5559, 5684, 5983, 6078, 6629, 6796-6799  
 ADENOMA, CHROMOPHOBIC: 4999  
 ADENOSINE CYCLIC 3',5'-PHOSPHATE: 14, 250, 563, 1033-1034, 1338, 1953, 2780, 2941, 3250, 3530, 4032-4033, 4091, 4833, 5415, 5592, 5599, 5665, 5770, 6104, 6370, 6619, 6717, 7005  
 ADENOSINE TRIPHOSPHATASE: 38, 169, 250, 966, 1019, 1027, 1107, 1551, 1601, 1629, 1857, 1902, 2175, 2327, 2445, 2570, 2704, 2749, 2838, 3129, 3424, 3844, 4052, 4565-4566, 4756, 5119, 5787, 6105, 6150, 6326, 6440, 6459, 6875, 7048-7049  
 ADENOSINE TRIPHOSPHATE: 191, 249, 372, 1111-1112, 1317, 1383-1384, 1394, 1551, 1607, 1751, 1755, 2159, 2230, 2305, 2329, 2407, 2479, 2539, 2662, 2704, 2933, 2941, 3066, 3129, 3423, 3497, 3582, 3844, 3998, 4033, 4158, 4290, 4566, 4686, 4688, 4713, 4756, 4822, 4852, 5023, 5119, 5435-5436, 5615, 5765, 5793, 5854, 5895, 5898, 5937, 6167, 6211-6212, 6222, 6224, 6236-6237, 6265, 6310, 6424, 6617, 6717, 6865-6866, 6875, 6897, 6964, 7000, 7048, 7056, 7060  
 ADENOVIRUS: 431, 486, 945, 2142, 4061, 4639, 6305  
 ADENOVIRUS INFECTIONS: 4017  
 ADENYL CYCLASE: 2175, 4033, 5422, 5770, 6717  
 ADHESIONS: 65, 70, 152, 204, 225, 260, 298, 341, 470, 499, 513, 542, 626, 671, 767, 801, 1008, 1138, 1255, 1262, 1274, 1279, 1311, 1418, 1429, 1533, 1563-1564, 1797, 1845, 1865, 1881, 1899, 1908, 1960, 2105, 2224, 2287, 2328, 2405, 2466, 2478, 2596, 2700, 2734, 2793-2794, 2942, 3066, 3143, 3199, 3284, 3361, 3493, 3578, 3696-3699, 3796, 3821, 3836, 3931, 3991, 3995, 4054, 4069, 4076, 4081, 4235, 4275, 4355, 4390, 4424, 4465-4466, 4483, 4554, 4578, 4649, 4782, 4808, 4844, 4859, 4976, 4990, 5012, 5040, 5140, 5143, 5239, 5278, 5319, 5350, 5440, 5490, 5528, 5581, 5602, 5636, 5647, 5653, 5680, 5695, 5762, 5802, 5815, 5867, 5989, 6018, 6152, 6277, 6412, 6469, 6478, 6554, 6620, 6688, 6744, 6766, 6794, 6845, 6941, 6957, 6976, 7014, 7129-7130, 7147, 7202  
 ADIPEXIVENESS: 529, 869, 933, 1055, 2254, 2383, 3489-3490, 3747, 4148, 4435, 5170, 5521, 6067, 6285, 6342, 6865  
 ADIPIC ACID: 3504  
 ADIPOSE TISSUE: 356, 533, 545, 987, 1249, 1270, 1975, 2115, 2238, 2324, 2456, 2711, 3081, 3202, 3320, 3545, 3575, 3772, 4018, 4109, 5325, 5415, 5422, 5506, 5582-5583, 5585, 5715, 5723, 5831, 5884, 5934, 6089, 6126, 6301, 6472, 6964, 7101  
 ADJUVANTS, IMMUNOLOGIC: 1089, 6247-6248, 8889  
 ADMINISTRATION, ORAL: 464, 517-518, 882, 1149, 1575, 1580, 2646, 2673, 2798, 3761, 3934, 4132, 4389, 5027, 5884, 6275, 6333, 6914  
 ADNEXA UTERI: 3931, 5278  
 ADNEXAL DISEASES: 32, 70, 140, 6976  
 ADNEXITIS: 6040  
 ADOLESCENCE: 32, 36-37, 41, 65, 70, 110, 112, 132, 137-138, 146, 160, 165, 167, 169, 172, 210, 238, 246, 251, 260, 273, 276, 279, 283, 293, 313, 354, 356-357, 360, 378-379, 381, 408, 419, 433, 436, 455, 465, 468, 471, 476, 484, 487, 497, 514, 535, 539, 547, 550, 565, 578, 616, 621, 627, 647, 653, 679-680, 692, 717, 721-722, 736, 738, 745, 751, 768, 790, 809, 828, 834, 843, 848, 855, 874, 881, 884, 896, 904, 923, 934, 1011, 1022, 1039, 1042, 1048, 1052, 1055, 1066, 1071, 1085, 1092, 1094, 1100, 1115, 1134, 1170, 1183-1184, 1186, 1193-1194, 1207, 1214-1215, 1243, 1253, 1258, 1262, 1266, 1271, 1305, 1314, 1322, 1326, 1328, 1335, 1355, 1361, 1368-1370, 1389, 1398-1399, 1461, 1484-1485, 1498, 1503, 1538, 1540, 1549, 1582, 1586, 1606, 1609, 1639, 1671, 1673, 1675, 1686, 1691, 1694, 1703, 1707, 1728, 1760-1762, 1767, 1776, 1810, 1815, 1823, 1837-1839, 1882, 1893, 1897, 1906, 1908, 1917, 1940, 1945, 1950, 1952, 1962, 1973, 1999, 2013, 2024, 2030, 2041, 2054-2055, 2088-2089, 2092, 2120, 2151, 2169, 2174, 2189, 2195, 2208, 2245, 2247, 2262, 2267, 2273, 2283, 2332, 2334, 2344, 2364, 2368, 2394, 2401, 2419, 2446, 2451, 2461, 2465, 2478, 2507, 2512, 2514, 2546, 2552, 2569, 2601, 2606, 2626, 2656, 2665, 2672, 2694, 2705-2706, 2709, 2755, 2784, 2788, 2812, 2818-2819, 2822, 2827, 2829, 2831, 2841, 2848, 2856, 2917-2918, 2923, 2938, 2940, 2942-2943, 2955, 2987, 3009, 3012, 3033, 3054, 3091, 3099, 3141, 3143, 3158, 3161, 3173, 3177, 3179-3180, 3185-3187, 3199, 3211, 3275, 3281, 3290, 3302-3303, 3319, 3322, 3351, 3358, 3363, 3368, 3384, 3391-3392, 3411, 3413, 3418, 3429, 3440,



# SUBJECT INDEX

3452-3453, 3465, 3478, 3483, 3486, 3492, 3494,  
3502, 3529, 3531, 3540-3541, 3556, 3563, 3570,  
3604, 3609, 3626, 3637, 3640, 3645, 3651, 3667,  
3674, 3689, 3716-3717, 3738-3739, 3745, 3747, 3749,  
3762, 3787-3788, 3799, 3808, 3851, 3867, 3897,  
3902, 3909, 3946, 3968, 3972, 3992, 4006, 4010,  
4043, 4056, 4065, 4080, 4098, 4100, 4103,  
4130-4131, 4133, 4136, 4141, 4160, 4165, 4184  
4209, 4229, 4299-4300, 4306, 4343, 4351, 4353,  
4365, 4372, 4381, 4385, 4391-4392, 4397-4398, 4411,  
4424, 4429, 4461, 4487, 4528, 4539, 4543, 4575,  
4578, 4590-4592, 4594, 4602-4607, 4610, 4614, 4623,  
4640, 4646, 4652, 4656, 4671, 4677-4678, 4725,  
4730, 4778, 4784-4785, 4789, 4793, 4812, 4814,  
4841, 4851, 4863, 4865, 4877, 4905, 4919, 4921,  
4938, 4962-4963, 4965, 4997, 5032, 5036, 5052,  
5061, 5065, 5068, 5121, 5130-5131, 5139, 5150,  
5152-5154, 5166, 5187, 5195, 5211, 5215, 5223,  
5236, 5241, 5253, 5268, 5278, 5293-5294, 5299,  
5306, 5316, 5320, 5366, 5392, 5409, 5416, 5439,  
5448, 5466, 5478, 5509, 5519, 5532, 5549, 5558,  
5578-5578, 5580-5581, 5587-5588, 5593-5594, 5604,  
5606-5608, 5618, 5621, 5652, 5654, 5687-5688, 5699,  
5708, 5726, 5729-5730, 5744, 5747, 5757, 5762,  
5790, 5814, 5816, 5822, 5827, 5841, 5864, 5862,  
5911, 5935, 5946, 5955, 5987, 5998, 6003, 6008,  
6010, 6015, 6030, 6038-6039, 6053, 6063, 6066,  
6073, 6078-6080, 6090, 6093, 6099, 6120, 6125,  
6165, 6170, 6175, 6181, 6225, 6232-6234, 6284,  
6289, 6304, 6323, 6338, 6343, 6353, 6358, 6360,  
6365, 6372, 6388, 6404, 6409, 6419-6420, 6481,  
6493, 6495, 6501, 6540, 6550, 6572, 6594, 6608,  
6612, 6645, 6656, 6664, 6678-6679, 6685, 6687,  
6690, 6693, 6714, 6744-6746, 6749-6750, 6759, 6768,  
6782, 6784, 6794, 6798, 6798, 6805-6806, 6833,  
6845-6846, 6852, 6891, 6912, 6936, 6940, 6942-6943,  
6947, 7009, 7052, 7109, 7118, 7124, 7183, 7221,  
7244, 7267, 7280

ADOLESCENT PSYCHOLOGY: 6418  
ADRENAL CORTEX HORMONES: 25, 77, 102,  
347, 382, 599, 587, 1353, 1439, 1914, 1950, 2024,  
2220, 2615, 2728, 2896, 3089, 3187, 3196, 3515,  
3743, 3805, 3829, 3885, 4217, 4339, 4370, 4380,  
4462, 4936, 5177, 5530, 5566, 5607, 5763, 5842,  
5940, 6328, 6355, 6391, 6501, 6595, 6815, 7207  
ADRENAL GLAND DISEASES: 3771, 3905, 3975,  
4012, 6452

ADRENAL GLAND HYPERFUNCTION: 1344  
ADRENAL GLAND HYPOFUNCTION: 2193, 3004,  
3975

ADRENAL GLAND NEOPLASMS: 1281, 2618,  
3144, 4495, 5525, 6253-6254, 6937

ADRENAL GLANDS: 171, 334, 477, 481, 695, 703,  
2073, 2084, 2175, 2213, 2789, 3468, 3564, 3583,  
3771, 3775, 3885, 3951, 3963, 4109-4110, 4141,  
4436, 4438, 4702, 4705, 4971, 5083, 5399, 5415,  
5707, 5979, 6241, 6391, 6638, 6822

ADRENAL MEDULLA: 3564, 3975, 6210-6212

ADRENALECTOMY: 2843, 3518, 3564, 3775, 4239,  
4495, 5358, 6536, 6821-6822, 7108

ADRENERGIC ALPHA RECEPTOR  
BLOCKADERS: 2841, 3424, 3885

ADRENERGIC BETA RECEPTOR BLOCKADERS:  
942, 2841, 6630

ADRENOCROME: 282, 3863, 5348, 5472, 6182,  
6435

ADRENOGENITAL SYNDROME: 4936

ADSORPTION: 373, 486, 632-633, 677, 878, 949,  
992, 1045, 1777, 1923, 2298, 2348, 2727, 2779,  
2810, 2928, 2950, 3016, 3045, 3599, 3701, 4001,  
4070, 4670, 4693-4694, 5277, 5351, 5370, 6027,  
6143, 6190, 6204, 6348, 6502, 6615, 6775, 6848,  
7026, 7051, 7063, 7156

ADULT: 8-9, 12, 16, 23, 28, 30-32, 35-37, 41-42, 46,  
48-49, 59, 65, 67, 70, 72, 79, 82, 90, 94, 100, 103,  
106, 110, 120, 123-124, 126-127, 132, 137-138,  
146-147, 156, 160, 165, 167, 169, 172, 175,  
184-185, 187, 194, 202, 210-211, 213-215, 231, 238,  
240, 242, 246, 248, 251, 260, 267, 272-273, 276,  
279-280, 283, 288, 291, 294, 296, 308, 313-315,  
320, 340-341, 345, 354, 359, 378-379, 381-382, 398,  
400-401, 405, 419, 430, 433, 442, 453, 455-456,  
462, 466, 468, 470-472, 476, 484, 487, 498, 504,  
508, 512, 519, 528, 534-536, 538, 548, 550, 553,  
566, 572-573, 578, 580, 591, 596-597, 599, 601,  
606, 616, 621-622, 626, 646-647, 653, 665, 672,  
693, 710, 716-718, 729, 735-736, 738, 748, 751,  
761, 768, 770, 772, 778, 789-791, 808-809, 814,  
819, 826, 828, 833-834, 843, 865, 874-875, 881,  
886, 896, 905, 908-909, 921-923, 927, 941-942, 950,

952, 954-955, 960, 964, 974, 983, 985, 1003, 1010,  
1022, 1031, 1035, 1038-1039, 1042, 1048-1050,  
1052-1053, 1055, 1063, 1071, 1080, 1085, 1087-1088,  
1094-1095, 1100, 1124, 1126, 1134, 1136, 1143,  
1153, 1158, 1164, 1167, 1170, 1175, 1184, 1186,  
1193-1194, 1196-1197, 1207, 1209, 1214, 1220-1222,  
1224, 1227, 1232, 1234, 1243, 1254, 1256, 1262,  
1266, 1271, 1274, 1278, 1280, 1285-1286, 1291,  
1293, 1305-1306, 1309-1310, 1314, 1323-1326, 1329,  
1335-1336, 1349, 1355, 1357, 1359, 1361-1363,  
1368-1370, 1388, 1392-1393, 1396, 1398-1399, 1423,  
1430, 1437, 1443-1444, 1453, 1466, 1472, 1485,  
1489, 1491, 1494, 1497-1500, 1503, 1506, 1508,  
1513, 1515, 1518, 1522, 1524-1528, 1532-1533, 1538,  
1545, 1549, 1555-1557, 1559, 1568-1569, 1572-1573,  
1575, 1577, 1582-1583, 1586, 1598, 1605-1606, 1611,  
1615, 1617, 1619, 1651, 1658-1659, 1670-1673, 1675,  
1677, 1683, 1686, 1691, 1694, 1701, 1706-1707,  
1720-1721, 1728-1729, 1734, 1754, 1756, 1759-1762,  
1772, 1774, 1776, 1778, 1780-1781, 1784-1787, 1806,  
1810, 1814, 1823, 1831, 1837-1839, 1841-1842, 1844,  
1847, 1850, 1852, 1856, 1865-1866, 1873, 1877,  
1886-1887, 1897, 1899, 1903, 1908  
1911-1912, 1914, 1916-1917, 1928-1927, 1934, 1940,  
1943, 1945, 1950, 1960, 1970, 1973, 1980, 1991,  
1995, 1998-1999, 2003, 2022, 2024, 2029-2031, 2046,  
2054, 2056, 2076, 2082, 2085-2086, 2088-2089,  
2092-2093, 2095-2097, 2099, 2106, 2116, 2120, 2123,  
2129-2130, 2134, 2137, 2143, 2146, 2163, 2168-2169,  
2174, 2179, 2183, 2195, 2208, 2214, 2226, 2228,  
2231, 2236, 2242, 2245-2248, 2262-2263, 2273, 2277,  
2287, 2293, 2301, 2313, 2320, 2331-2332, 2334,  
2344, 2347, 2351, 2354, 2358, 2364, 2366,  
2371-2372, 2374, 2384, 2386, 2391, 2394, 2401,  
2419, 2443, 2446, 2450-2451, 2459, 2461-2463,  
2465-2466, 2478, 2489, 2507, 2510-2512, 2514, 2518,  
2522, 2529-2530, 2535-2537, 2543, 2548, 2558-2559,  
2568-2570, 2572, 2577, 2592, 2599, 2601, 2605-2606,  
2618, 2624, 2626-2627, 2639, 2656, 2665, 2671-2672,  
2674, 2676-2677, 2688, 2690-2691, 2694, 2705-2706,  
2712, 2715, 2733-2735, 2740, 2742, 2755, 2772,  
2774-2775, 2783-2785, 2788, 2801, 2821-2822, 2827,  
2829-2831, 2835-2836, 2841, 2855-2856, 2861, 2866,  
2870, 2874, 2879, 2889, 2891, 2893, 2904, 2909,  
2917-2918, 2923, 2931, 2936, 2938, 2940, 2942-2943,  
2948, 2954-2955, 2964-2965, 2972-2973, 2987, 2991,  
2995-2997, 3001, 3005, 3009, 3012, 3022, 3024,  
3030, 3033, 3039, 3042, 3071, 3073, 3087-3088,  
3091, 3100, 3102, 3110, 3113-3114, 3133, 3141,  
3143, 3146, 3149, 3154-3155, 3158-3161, 3172-3173,  
3177, 3180, 3185-3187, 3198, 3201, 3205, 3208,  
3211, 3220, 3225, 3229-3230, 3239-3240, 3242, 3249,  
3254, 3262, 3268, 3275, 3278, 3282-3283, 3286,  
3290, 3302, 3306, 3310-3311, 3319, 3324, 3327-3329,  
3344, 3350, 3352, 3358, 3362-3363, 3380, 3382,  
3384, 3391-3392, 3394, 3411, 3413-3414, 3416, 3418,  
3428-3429, 3437-3440, 3442, 3445, 3448, 3452-3453,  
3463, 3465, 3478, 3484, 3486, 3500-3503, 3507-3508,  
3517, 3526, 3529, 3531-3532, 3540-3541, 3544, 3548,  
3552, 3557, 3563, 3567, 3570, 3576, 3589, 3613,  
3616, 3624, 3626, 3632, 3635, 3637, 3640-3641,  
3645, 3651, 3654, 3656, 3663, 3669, 3674, 3684,  
3689, 3692, 3702, 3716-3717, 3725  
3735, 3738, 3741, 3743, 3745, 3747, 3751,  
3761-3762, 3780, 3782, 3787-3788, 3792, 3794,  
3798-3799, 3808, 3811, 3815, 3820, 3824, 3829,  
3845-3848, 3851, 3853, 3859, 3865, 3867, 3869,  
3879, 3882, 3909, 3912-3913, 3929-3931, 3939, 3942,  
3946-3947, 3954, 3968, 3972, 3976, 3978-3979, 3981,  
3992, 4006, 4010, 4015, 4029, 4035, 4042-4043,  
4054-4057, 4065-4066, 4069, 4076-4077, 4083, 4093,  
4096, 4100, 4103, 4120-4121, 4126, 4130-4131,  
4133-4134, 4136-4138, 4141, 4145, 4147, 4153, 4160,  
4184-4185, 4188, 4191, 4199-4200, 4206, 4215, 4220,  
4227, 4229, 4245, 4249, 4275, 4277, 4284, 4287,  
4295-4296, 4299-4300, 4304, 4306, 4321, 4336-4338,  
4342, 4348, 4351, 4359, 4365, 4372, 4381,  
4385-4386, 4388, 4391, 4395, 4397-4398, 4407, 4411,  
4413, 4416, 4423, 4425, 4428-4430, 4432, 4450,  
4458-4460, 4463-4464, 4478, 4487, 4490, 4492,  
4498-4499, 4507, 4534, 4539, 4543, 4546-4547, 4554,  
4558, 4569, 4575, 4578-4579, 4591-4592, 4594, 4596,  
4599, 4602-4607, 4614, 4619, 4623-4624, 4626, 4634,  
4636, 4640, 4646-4647, 4651, 4661, 4671, 4673,  
4677-4678, 4685, 4688, 4696, 4703, 4708, 4710,  
4716, 4718-4719, 4725, 4729-4730, 4737, 4740, 4743,  
4748, 4750-4751, 4767, 4769-4771, 4774, 4777-4778,  
4784-4785, 4789, 4807-4808, 4812, 4826, 4836, 4843,  
4849, 4851, 4856, 4859, 4863, 4871, 4873, 4877,  
4882, 4900, 4908, 4919, 4921, 4925, 4929, 4931,

4942, 4944, 4947-4948, 4956, 4959, 4962-4963, 4965,  
4970, 4976, 4987, 4989-4991, 4997, 5002, 5005,  
5008-5010, 5032, 5035, 5039, 5052, 5054, 5061,  
5065, 5068, 5076, 5083, 5094, 5097, 5109, 5117,  
5124, 5129-5131, 5134-5137, 5140, 5149-5150, 5164,  
5166, 5170, 5175, 5182-5184, 5187, 5189, 5195,  
5199, 5202, 5212-5213, 5218, 5223, 5225-5226,  
5232-5233, 5236, 5239, 5241, 5247, 5250-5251, 5253,  
5266, 5268, 5270, 5272, 5274-5275, 5279, 5293,  
5306, 5308, 5315-5316, 5320, 5326, 5333, 5342,  
5344, 5350, 5359, 5361, 5366, 5382, 5385, 5392,  
5399, 5412, 5414, 5416, 5425, 5432, 5444-5446,  
5449, 5452-5453, 5459, 5461, 5466, 5471, 5474,  
5478, 5491  
5492-5493, 5495, 5499-5501, 5506-5509, 5518-5519,  
5521, 5530, 5544-5545, 5549-5550, 5553, 5559,  
5565-5566, 5576-5581, 5587, 5589, 5594, 5604,  
5606-5608, 5618, 5625, 5631, 5644, 5664, 5668,  
5676, 5678, 5687-5688, 5696, 5698-5699, 5701, 5703,  
5708, 5713, 5717-5718, 5722, 5726-5727, 5729-5730,  
5739, 5744, 5747, 5752, 5757-5758, 5762, 5768-5769,  
5774, 5788, 5790, 5801, 5805, 5812, 5811, 5814,  
5816, 5819, 5822, 5826-5827, 5834, 5841, 5843,  
5846, 5851-5852, 5856, 5859, 5864, 5872, 5882,  
5884, 5886, 5893-5894, 5898, 5904, 5911, 5915,  
5919, 5924, 5935, 5946-5947, 5952, 5955, 5959,  
5976-5977, 5987, 5996, 6000-6001, 6010, 6012, 6017,  
6030-6032, 6053, 6063, 6068, 6073, 6078-6079, 6088,  
6090, 6099, 6101, 6107, 6111, 6113, 6117, 6122,  
6125, 6133, 6145, 6156, 6169-6170, 6174-6177,  
6181-6182, 6186, 6192-6194, 6202, 6209, 6214-6215,  
6225, 6227, 6229, 6232, 6234, 6239-6240, 6242,  
6257, 6259-6260, 6264, 6271, 6285, 6289, 6294,  
6296, 6298, 6317, 6322, 6324, 6329, 6334,  
6337-6338, 6342-6343, 6353-6354, 6356, 6365,  
6367-6369, 6375-6376, 6388, 6396, 6406, 6409, 6413,  
6419-6420, 6425-6426, 6431, 6435, 6442, 6445,  
6447-6448, 6471, 6480-6481, 6483, 6486, 6489, 6493,  
6495, 6500-6501, 6503, 6509, 6513, 6515, 6525,  
6530, 6540-6541, 6546, 6551, 6557-6558, 6563, 6572,  
6576, 6588, 6594, 6604, 6612, 6616, 6621-6622,  
6645, 6652-6656, 6659, 6664, 6669, 6678-6681, 6685,  
6688, 6690, 6693, 6699, 6701, 6707-6708, 6714-6716,  
6722, 6727, 6736, 6744-6746, 6749, 6755, 6759,  
6764, 6782, 6784, 6794, 6798, 6803, 6806,  
6833-6836, 6845-6846, 6852, 6856, 6859, 6867,  
6871-6872, 6882, 6887-6888, 6897-6898, 6906,  
6911-6912, 6923, 6930, 6936-6937, 6940-6941, 6947,  
6951, 6954, 6959, 6981-6982, 6992, 6996-6997, 7001,  
7005, 7009, 7014, 7016-7017, 7022, 7038, 7047,  
7052, 7054, 7065, 7067, 7073, 7076-7078, 7095,  
7105-7106, 7109, 7111, 7118, 7124, 7132, 7140-7141,  
7146, 7148-7149, 7154, 7159, 7161, 7169, 7173-7176,  
7180, 7207, 7214, 7222-7223, 7225-7226, 7232-7233,  
7236, 7242, 7244  
7270, 7275, 7279-7280

AERES: 1135

AEROBACTER: 1181

AEROBACTER AEROGENES: 450, 695, 2282, 3280,  
4001

AEROMONAS: 1259-1260, 2736, 3731

AEROSOLS: 827, 1483, 1537, 1770, 1933, 2008,  
2162, 2385, 2518, 4095, 6339

AESULUS: 345, 1451, 2390, 2688, 2977, 3386,  
3787, 3792, 3813, 4077, 4121, 4226, 4442, 4467,  
4649, 5295, 5720, 5734, 5826, 6455, 6747, 6788

AFIBRINOGENEMIA: 56, 419, 512, 849, 1018,  
1180-1181, 1407, 1423, 1532, 1548, 1553, 1685,  
1723, 1894, 1945, 2091, 2117, 2146, 2213, 2242,  
2264, 2266, 2462, 2613-2614, 3068, 3142, 3239-3240,  
3394, 3414-3415, 3556, 3749, 3768, 3773, 3897,  
4106, 4868, 4903, 5002, 5015, 5299, 5344, 5454,  
5559, 56



# SUBJECT INDEX

- 1781, 1811, 1814-1815, 1884, 1909, 1950, 1977,  
2005, 2085, 2185, 2189, 2303, 2347, 2367-2368,  
2396, 2406, 2422, 2450, 2485, 2478, 2484, 2492,  
2569, 2626, 2705, 2750, 2784, 2787, 2919, 2962,  
3002, 3139, 3255, 3392, 3413, 3546, 3552, 3615,  
3640, 3734, 3796, 3894, 3964, 4066, 4133, 4209,  
4218, 4231, 4304, 4326, 4357, 4372, 4478, 4524,  
4543, 4567, 4606, 4623, 4671, 4718, 4737, 4812,  
4832, 4836, 4845, 4874, 4964, 4981, 5139, 5153,  
5213, 5263, 5280, 5409, 5580-5581, 5586, 5613,  
5654, 5685, 5688, 5718, 5753, 5774, 5833, 5840,  
5897, 5913, 5934, 5996, 6032, 6080, 6133, 6158,  
6169, 6205, 6234, 6242, 6296, 6343, 6391, 6413,  
6493, 6495, 6512, 6685, 6769, 6805, 7124, 7220,  
7242, 7270
- AGED: 8-9, 12, 31, 36-37, 46, 48-49, 65, 70, 82, 85,  
93, 109-110, 120, 124, 127, 146-147, 166, 169, 189,  
194, 207, 210-211, 236, 246, 253, 260, 273, 276,  
279, 283, 294, 296, 311, 320, 354, 361, 382, 422,  
456, 466, 468, 471, 476, 487, 505, 528, 534-536,  
550, 560, 564, 573, 596-597, 601, 616, 626, 647,  
687, 695, 710, 714, 716, 730, 736, 760, 768, 778,  
790-791, 801, 823, 843, 874-875, 881, 885-886, 896,  
908-909, 922-923, 947, 952, 954-955, 961, 974, 982,  
1008, 1010, 1031, 1039, 1055, 1060-1061, 1067-1069,  
1072, 1080, 1088, 1092, 1127, 1167, 1170, 1173,  
1203-1205, 1227, 1254, 1263, 1286, 1280, 1286,  
1291, 1309-1310, 1324, 1335, 1339, 1349, 1357,  
1366, 1368, 1370, 1386, 1398, 1392-1393, 1395,  
1418, 1453, 1459, 1491, 1443, 1453, 1472, 1494,  
1499-1500, 1518, 1522, 1524, 1526, 1549, 1554,  
1606, 1610-1611, 1617, 1642, 1658-1659, 1666, 1686,  
1691, 1694, 1703, 1710, 1718, 1728, 1739, 1750,  
1757, 1776, 1778, 1780-1781, 1786-1787, 1806, 1810,  
1823, 1830, 1845, 1847, 1852, 1859, 1870, 1873,  
1887, 1903, 1909, 1950, 1958, 1995, 1998-1999,  
2017, 2031, 2036, 2040, 2054, 2089, 2092,  
2096-2097, 2106, 2134, 2143, 2169, 2185, 2199,  
2228, 2245, 2263, 2277, 2286, 2295, 2301, 2315,  
2328, 2332, 2347, 2356, 2364, 2374, 2384, 2394,  
2411, 2418-2419, 2422, 2443, 2455, 2461, 2463,  
2465, 2476, 2478, 2492, 2497, 2507, 2510-2512,  
2529, 2535-2538, 2543, 2568, 2577, 2592, 2624-2627,  
2639, 2656, 2671-2672, 2674, 2678, 2688, 2690-2691,  
2706, 2714, 2755, 2783-2784, 2822, 2827, 2830,  
2836, 2841, 2855-2856, 2868, 2870, 2873, 2879,  
2918, 2923, 2931, 2936, 2955, 2962, 2991, 3001,  
3056, 3110, 3113-3114, 3154, 3158-3160, 3171, 3179,  
3186-3187, 3199, 3201, 3208, 3214, 3225, 3261,  
3263, 3268, 3277, 3290, 3302, 3306, 3324, 3358,  
3364, 3409, 3411, 3413, 3440, 3444-3445, 3448,  
3478, 3489, 3501-3502, 3517, 3521, 3540-3541, 3551,  
3570, 3576, 3598, 3635, 3640, 3663, 3674, 3687,  
3689, 3717, 3748, 3751, 3762, 3769-3771, 3780,  
3787, 3799, 3811-3812, 3821, 3823, 3851, 3867,  
3912  
3930, 3954, 3968, 3976, 4010, 4012, 4015, 4035,  
4040, 4043, 4057, 4065, 4069, 4077, 4103, 4127,  
4133-4134, 4159, 4200, 4219, 4231, 4245, 4262,  
4277, 4299-4300, 4304, 4356, 4359, 4372, 4388,  
4404, 4414, 4418, 4432, 4459, 4479, 4487,  
4498-4499, 4527, 4539, 4543, 4581, 4570, 4575,  
4577, 4591-4592, 4594, 4599, 4640, 4646-4647, 4671,  
4677, 4685, 4712, 4718, 4726, 4730, 4737, 4750,  
4767, 4774, 4777-4778, 4784-4785, 4807, 4812, 4832,  
4849-4850, 4856, 4860, 4863, 4873, 4881-4883, 4900,  
4908, 4942, 4962-4965, 5032, 5041, 5058, 5068,  
5094, 5097, 5109, 5117, 5121, 5136-5137, 5149-5150,  
5166, 5170, 5182, 5195, 5205, 5208, 5218, 5223,  
5225, 5232, 5253, 5266, 5268, 5275, 5302,  
5315-5316, 5318, 5331, 5354, 5366, 5382, 5386,  
5417, 5447, 5474, 5478, 5491, 5493, 5495, 5501,  
5518-5519, 5521, 5545, 5553, 5576, 5581, 5584,  
5594, 5606, 5608, 5613, 5618, 5646, 5656,  
5687-5688, 5696, 5699, 5703, 5708, 5713, 5726,  
5730, 5735, 5739, 5744, 5762, 5764, 5774, 5814,  
5816, 5832, 5840, 5846, 5848-5849, 5859, 5882,  
5925, 5930, 5935, 5946, 5977, 6010, 6030, 6032,  
6068, 6079, 6084, 6090, 6098-6099, 6117, 6133,  
6156, 6169, 6175, 6186, 6193, 6202, 6205, 6216,  
6231-6232, 6242, 6260, 6275, 6285, 6289-6290, 6294,  
6296, 6299, 6305, 6342-6343, 6353, 6365, 6375-6376,  
6381, 6409, 6413, 6431, 6435, 6447, 6469, 6483,  
6486, 6493, 6525-6526, 6530, 6540, 6560, 6570,  
6572, 6576, 6618, 6636, 6656, 6667, 6679, 6685,  
6693, 6708, 6714, 6716, 6745-6746, 6768-6769,  
6784-6785, 6796, 6806, 6834, 6856, 6859, 6871,  
6888, 6908, 6923, 6936, 6951, 6981, 6993, 6997,  
7006, 7009, 7016, 7031, 7042, 7046-7047, 7052,  
7054, 7065, 7072, 7118, 7124, 7130-7131, 7142,  
7146, 7149, 7159, 7214, 7220, 7223, 7236, 7244,  
7264-7266, 7280
- AGGLUTINATION: 933, 1024, 1666, 2411, 2805,  
3234, 3936, 4045, 6717
- AGGLUTINATION TESTS: 286, 1313, 2005, 2299,  
2506, 3713, 3935, 4058, 4165, 4439, 4765, 4857,  
5050, 5523, 5966, 6054, 6425, 6682
- AGING: 189, 1408, 2516, 3263, 3270-3271, 3652,  
3711, 4860, 5153, 6241, 6679, 7246
- AGNOSIA: 236, 1739, 3506, 3663
- AGRANULOCYTOSIS: 702, 972, 1254, 1433, 2045,  
3520, 4003, 4696, 4814, 4884, 5606-5608, 5757,  
6284, 6361, 6540, 6704-6705, 6715, 7105, 7210
- AGRAPHIA: 236
- AGRICULTURE: 7261
- AIR: 2573, 2641, 3843, 4412, 7092
- AIR IONIZATION: 1365
- AIR MICROBIOLOGY: 449, 2162, 6339
- AIR POLLUTION: 4571, 6655
- AIRWAY RESISTANCE: 3651
- ALANINE: 128, 205, 264, 565, 712, 744, 807, 934,  
998, 1405, 1684, 1907, 2049, 2593, 2828, 3044,  
3048, 3450, 3545, 3622, 3636, 4119, 4225, 4240,  
4846, 5262, 5513, 5923, 6009, 6022, 6069, 6384,  
6535, 6822, 7061
- ALANINE AMINOTRANSFERASE: 62, 627, 759,  
854, 988, 1109, 1131, 1199, 1344, 1489, 1525, 1767,  
2073, 2522, 3062, 3464, 3519, 3608, 3691, 4236,  
4790, 5274, 5375, 5712, 6202, 6233, 6867, 7054
- ALBINISM: 2116
- ALBUMINS: 191, 259, 543, 648, 953, 1000, 1473,  
1692, 1896, 2663, 2912, 3456, 3648, 4261, 4366,  
4405, 4419, 4444, 4672, 4835, 5270, 5745, 5791,  
6041, 6990
- ALBUMINURIA: 2005, 4576
- ALCOHOL DRINKING: 614, 5543
- ALCOHOL, ETHYL: 509, 951, 1117, 1308, 1345,  
1348, 1580, 1749, 1942, 2225, 2305, 2599, 2704,  
2792, 2802, 2971, 2984-2986, 3167, 3449, 3888,  
3901, 4177, 4272, 4523, 4799, 4930, 5206,  
5264-5265, 5342, 5732, 5918, 6027, 6035, 6106,  
6119, 6307, 6556, 6658, 6861, 7237
- ALCOHOL, METHYL: 951, 1942, 4175-4177, 5240,  
6027
- ALCOHOL OXIDOREDUCTASES: 832, 944, 1454,  
1703, 2113, 2225, 2971, 2984-2986, 5512, 5619,  
5623, 6578, 6708, 7143
- ALCOHOL, PROPYL: 4177
- ALCOHOL BEVERAGES: 3587
- ALCOHOLIC INTOXICATION: 2046, 5543
- ALCOHOLISM: 1212, 1309, 2134, 2599, 2971, 3901,  
5035, 5263, 5508, 5543, 7237
- ALCOHOLS: 515, 810, 1110, 1474, 2044, 2444, 2565,  
2808, 2847, 2941, 2971, 3401, 3659, 3792, 4260,  
6027, 6440, 6632, 6748
- ALDEHYDE-LYASES: 150, 787, 2204, 3066
- ALDEHYDES: 1056, 1408, 2156, 2230-2231, 2282,  
2696, 2933, 2969, 4416, 4627, 5240, 5914, 6082,  
6196
- ALDOLASE: 151, 183, 1433-1434, 1474, 3246,  
3270-3271, 5561, 7008
- ALDOSTERONE: 1917, 2313, 3805, 3892, 5959, 6391
- ALDRICH SYNDROME: 321, 2045, 2268, 2327, 3471
- ALFALFA: 1416
- ALGAE: 3665
- ALGAE, GREEN: 5281
- ALGINATES: 5768
- ALKALIES: 2, 210, 6173
- ALKALINE PHOSPHATASE: 468, 546, 591, 759,  
772, 976, 986, 1344, 1478, 1525, 1538, 1850, 1718,  
1767, 1790, 1917, 2269, 2305, 2451, 2462, 2488,  
2519, 2570, 2736, 2783, 2960, 2973, 2975, 3008,  
3027, 3030, 3134, 3164, 3358, 3519, 3621, 3623,  
3691, 3710, 3889, 3920, 3945, 4116, 4150, 4236,  
4426, 4568, 4618, 4666, 4700-4701, 4790, 5007,  
5274, 5356, 5375, 5465, 5712, 5895, 6013, 6105,  
6220, 6336, 6619, 6963, 6972, 7027, 7060
- ALKALOIDS: 886, 7171
- ALKALOSIS: 5760, 6911
- ALKANES: 2653, 6724
- ALKENES: 1602
- ALKYLATING AGENTS: 1846, 2519, 4310, 5205,  
5667, 5797, 5926, 5940, 6013, 6926, 7028
- ALKYLATION: 45, 104, 151, 428, 515, 686, 771,  
787, 953, 1512, 1653, 1864, 2182, 2225, 2298, 2722,  
2748, 2875-2876, 2939, 2984, 3209, 3379, 3455,  
3553, 3627, 3668, 3962-3963, 4349, 4537, 5064,  
5066-5067, 5087, 5902, 5926, 6178, 6221, 6462,  
6529, 6545, 6626, 6808, 6952
- ALLANTOIN: 1820, 5721
- ALLELES: 1130, 1726, 1733, 2433, 3660, 4415,  
5366, 5620, 6461, 6579, 6812, 7067
- ALLERGENS: 3, 3252, 6247-6248, 6737
- ALLOPURINOL: 347, 4358, 5468
- ALLOXAN DIABETES: 2493, 3732, 5219, 5884,  
6453, 6792, 6905
- ALLOYS: 4269, 5729-5730
- ALOE: 4217
- ALOPECIA: 1897, 2195, 2690-2691, 2823, 5333
- ALPHA GLOBULIN: 147, 273, 405, 415, 842, 927,  
1113, 1261, 1549, 1626, 1732, 1737, 1919,  
2770-2771, 2958, 3062, 3524-3525, 3534, 3683-3684,  
4004, 4062, 4136, 4296, 4545, 4895, 4942, 5346,  
5786, 6156, 6605, 6790, 6803, 6841, 6861, 7081,  
7246
- ALPORT'S SYNDROME: 1134, 6073
- ALTITUDE: 95, 5274, 5822
- ALUMINUM: 1603, 2545, 3045, 3701, 6027, 6143
- ALUMINUM SILICATES: 2950, 3958
- ALVEOLAR PROCESS: 2058
- AMANTADINE: 6760
- AMAUROTIC FAMILIAL IDIOCY: 3992, 4846
- AMBULATORY CARE: 48, 753, 3114, 3595, 4117,  
4737, 4876, 6920
- AMEBIASIS: 6053
- AMEBICIDES: 3034
- AMELOBLASTOMA: 6729
- AMELOBLASTS: 6255
- AMELOGENESIS: 6255
- AMENORRHEA: 1090, 4054, 4859, 6976
- AMIDES: 348, 469, 559, 1464, 1667, 1716, 1808,  
2444, 2684-2685, 2913, 3279, 3742, 4658, 4735,  
5097, 5246, 5405, 5477, 5707, 5759, 5781, 6314,  
6575, 6632, 6724, 6926, 7102
- AMIDINES: 1276, 1773, 2033-2034, 4663, 6724, 7112,  
7134, 7271
- AMIDOHYDROLASES: 546, 741, 781, 1918, 2567,  
3134, 3279, 6548, 6575, 6847, 7115
- AMINES: 20, 179, 205, 257, 344, 727, 1297, 1773,  
2542, 2574, 2655, 2810, 3169, 3945, 3967, 4148,  
5080, 5623, 6006, 6251, 6383, 6575, 6732
- AMINO ACID METABOLISM, INBORN ERRORS:  
6003
- AMINO ACID SEQUENCE: 104, 145, 223, 241, 266,  
304, 348, 565, 592-595, 686, 706, 712-713, 744,  
860, 884, 953, 978-979, 1001, 1013, 1117, 1171,  
1179, 1231, 1299-1300, 1340-1341, 1348, 1380,  
1495-1496, 1576, 1647, 1653, 1833, 1932, 1943,  
2217, 2256, 2308, 2379-2380, 2393, 2432-2433, 2515,  
2593, 2595, 2621, 2623, 2722, 2741, 2748, 2752,  
2764-2766, 2826, 2864, 2875-2876, 2924, 2939,  
2984-2986, 2999, 3044, 3046, 3212, 3315, 3353,  
3355, 3379, 3530, 3553, 3627, 3636, 3672, 3688,  
3806, 3921, 4028, 4064, 4088, 4108, 4175-4176,  
4193, 4213, 4242, 4274, 4310, 4347, 4349, 4415,  
4476, 4538, 4609, 4658-4659, 4692, 4724, 4759,  
4766, 4768, 4824, 4837, 4928, 5000, 5021, 5053,  
5060, 5066-5067, 5078, 5087, 5169, 5178, 5281,  
5327, 5413, 5547, 5612, 5637, 5817, 5905-5906,  
6131, 6146-6147, 6157, 6178, 6220-6221, 6295, 6335,  
6430, 6443, 6457, 6461-6463, 6527-6529, 6783, 6950,  
6952, 7000, 7034
- AMINO ACIDS: 29, 45, 66, 104, 128, 130, 150-151,  
180, 196, 266, 297, 326, 335, 370, 386, 426-427,  
493, 515, 565, 611, 613, 628, 664, 668, 686, 700,  
713, 727-728, 746, 771, 787, 829, 852, 860-861,  
864, 928, 935-936, 953, 978, 989, 998, 1001, 1017,  
1096-1097, 1102, 1107, 1122, 1152, 1154, 1200,  
1216, 1231, 1299, 1340-1341, 1348, 1364, 1381,  
1405-1406, 1440, 1476, 1482, 1495, 1576, 1653,  
1676, 1684, 1775, 1889, 1921, 1923, 1943, 1978,  
2001, 2019, 2028, 2038, 2048, 2129-2130, 2135,  
2145, 2156, 2182, 2197, 2204, 2241, 2257, 2308,  
2389, 2393, 2444, 2452, 2566, 2593, 2616, 2621,  
2638, 2653, 2655, 2684, 2686-2687, 2722, 2738,  
2741, 2748, 2752, 2757, 2803, 2823, 2828,  
2875-2876, 2881, 2895, 2951, 2958, 2974, 2985-2986,  
2999, 3013-3014, 3048, 3063, 3083, 3085, 3109,  
3116, 3138, 3145, 3209, 3212, 3221, 3270-3271,  
3279, 3347, 3353, 3374, 3379, 3427, 3450, 3454,  
3460, 3553, 3621, 3627, 3629, 3650, 3658,  
3664-3665, 3668, 3672, 3688, 3706, 3714, 3731,  
3733, 3752, 3754, 3850, 3854, 3891, 3922, 3926,  
3949, 3982-3983, 3986, 4030, 4068, 4106, 4161,  
4167, 4193, 4222, 4267-4268, 4273-4274, 4310-4311,  
4313, 4349, 4367, 4373, 4375, 4399, 4403, 4415,  
4444, 4448, 4506, 4509, 4515, 4525, 4538, 4555,  
4609, 4659, 4663, 4760, 4764, 4768, 4796,  
4810-4811, 4824, 4846, 4870, 4935, 5000, 5021,  
5025, 5064, 5067, 5087, 5107, 5169, 5222, 5246,



# SUBJECT INDEX

- 5277, 5281, 5327, 5405, 5413, 5434, 5441, 5612, 5617, 5637, 5649, 5651, 5759, 5771, 5776-5777, 5781, 5808, 5818, 5824, 5858, 5885, 5914, 5922, 5944, 5967, 6009, 6014, 6042, 6083, 6118-6119, 6131, 6146-6147, 6149, 6157, 6167, 6171, 6178, 6204, 6220-6221, 6263, 6301-6302, 6325-6326, 6335, 6341, 6348, 6366, 6384, 6401, 6433, 6440, 6443, 6457, 6463, 6467, 6528, 6535, 6542, 6544-6545, 6546, 6559, 6575, 6603, 6626, 6665, 6684, 6783, 6808, 6817, 6926, 6929, 6952, 6968-6967, 6969, 6992, 7000, 7033, 7051, 7061, 7097, 7102, 7135, 7171, 7199, 7201
- AMINO ALCOHOLS: 2, 1110, 4027
- AMINO SUGARS: 984, 4367, 4794, 6544-6545, 6853
- AMINOACID OXIDOREDUCTASES: 1482, 6336
- AMINOBOENZOIC ACID: 2472-2473, 2620, 2669, 3963, 4220, 5920, 6746
- AMINO BUTYRIC ACID: 1405, 3374, 3460, 6535
- AMINOCAPROIC ACID: 89, 180, 183, 314, 394, 520, 742, 803, 857-859, 1159, 1486-1489, 1562, 1583, 1608, 1656, 1711, 1819, 1842, 1850, 1956, 2003, 2034, 2065, 2121, 2166, 2208, 2242, 2339-2340, 2353, 2533, 2611, 2620, 2633, 2669, 2724-2725, 2749, 2760, 2846, 2915, 3080, 3107, 3112, 3155, 3233, 3363, 3432, 3510, 3562, 3570, 3705, 3729, 3736, 3876, 3973-3974, 4021, 4034, 4109, 4239, 4407, 4448, 4630, 4632, 4684, 4720, 4872, 4911-4913, 4937, 4972, 4998, 5192, 5223, 5439, 5468, 5583, 5585, 5594, 5660, 5724-5725, 5866, 5870, 6103, 6180, 6266, 6344, 6481, 6509, 6516, 6535, 6635, 6642, 6647, 6675, 6746, 6751, 6753, 6757, 6825, 6840, 6945, 7044, 7089-7090, 7098, 7144, 7168, 7196, 7213, 7253
- AMINOGLUTATHIONE: 6391
- AMINOHYDROLASES: 312, 1019, 1051, 1791, 2659, 2661-2662, 3027, 3498, 4687, 5512, 5619, 6644
- AMINOPEPTIDASES: 348, 1246, 1653, 1918, 2237, 2241, 2657, 2684-2685, 3623, 3944-3945, 5087, 5413, 5945, 6522, 7083, 7115
- AMINOPHYLLINE: 2866, 3198, 5665, 5840
- AMINOPROPIONITRILE: 332-333
- AMINOPYRINE: 730, 3468, 6516, 7043-7044
- AMINOSALICYLIC ACID: 2291, 2856, 3867
- AMINOTRANSFERASES: 106, 398, 477, 856, 1064, 1525, 1749, 1905, 1917, 2713, 2960, 3920, 3984, 4324, 4568, 4656, 4702, 6062, 6904
- AMITRIPTYLINE: 73, 5347, 6470
- AMMONIA: 1064, 1073, 1131, 3450, 3493, 3519, 5210, 5781, 6355, 6878, 6915
- AMMONIUM CHLORIDE: 1016, 4230
- AMMONIUM COMPOUNDS: 139, 148, 178, 199, 249-250, 402, 635, 832, 892, 1012, 1065, 1345, 1371, 1501, 1696, 1698, 1751, 1891, 1942, 2028, 2048, 2212, 2238, 2348, 2430, 2444, 2704, 3049, 3109, 3139, 3248, 3279, 3450, 3668, 3793, 3873, 3899, 3908, 3917, 3944-3945, 4158, 4311, 4683, 4713-4714, 5373, 5389, 5413, 5428, 5612, 5697, 5723, 5787, 5794, 5895, 6027, 6106, 6164, 6280, 6395, 6457, 6502, 6603, 6617, 6646, 6650, 6775, 6919, 6929, 6938, 6989, 7048, 7098
- AMNESIA: 1739
- AMNION: 1883, 2146, 2190, 2408, 3376, 4910
- AMNIOTIC FLUID: 1195, 1543, 2777, 3466-3467, 4169, 5647, 5886, 5981, 5983-5984, 6611
- AMOBARBITAL: 372, 782, 1201, 3037, 3472, 4051, 5412
- AMOEBAS: 2800, 3649, 5349
- AMPHETAMINE: 2082, 6058
- AMPHIBIA: 145, 1790, 5349
- AMPICILLIN: 410, 1206, 2313, 3851, 5737
- AMPUTATION: 419, 1172, 1894, 2334, 2514, 3444, 5453, 5698, 6125, 6334, 6431, 6530, 6799, 6923
- AMYGDALOID BODY: 6676
- AMYLASE: 115, 203, 296, 309, 336, 385, 428, 501, 505, 525, 594-597, 684, 748, 820, 825, 944, 1021, 1097, 1140, 1561, 1567, 1652, 1830, 2035, 2104, 2129-2130, 2134, 2451, 2525, 2552, 2562, 2750, 2782-2783, 2946, 3010, 3078, 3153, 3252, 3316-3317, 3323, 3341, 3528, 3574, 3608, 3610, 3631, 3677, 3949, 4063, 4167, 4233, 4270-4271, 4324, 4441, 4508, 4511, 4892-4893, 5076, 5091, 5146, 5187, 5203, 5317, 5752, 5769, 5856, 6023-6024, 6033, 6091, 6158, 6213, 6270, 6359, 6367, 6672-6674, 6733, 6821, 6855, 7018, 7085, 7127, 7171
- AMYLOID: 422, 2892
- AMYLOIDOSIS: 695, 1368, 2196, 2852, 3996, 4112, 5843, 6473, 7159
- ANABOLIC STEROIDS: 95, 2476, 3089, 3548, 3709, 6663, 6665, 7070-7071
- ANALGESIA: 2431
- ANALGESICS AND ANTIPYRETICS: 24, 91, 128, 730, 850, 965, 1119, 1479, 1588, 2036, 2767-2769, 2897-2898, 3562, 4449, 4689, 4965, 5058, 5468, 6489, 6991
- ANALYSIS OF VARIANCE: 584, 757, 1188, 1303, 2594, 4194, 5586, 7192-7193, 7225
- ANAPHYLAXIS: 72, 171, 259, 1114, 1333, 1407, 1578, 1768, 1804, 1866, 2070, 2312, 2342, 2390, 2674, 2843-2844, 3121, 3174, 3825, 4232, 4289, 4734, 5168, 5298, 5448, 5624, 5748, 6110, 6247-6248, 6608, 6671, 6919, 7059, 7087
- ANAPLASMA: 6289
- ANATOMY, COMPARATIVE: 2900
- ANCYLOSTOMA: 3603
- ANDROGENS: 1837-1839, 2273, 3257, 4426, 7070-7071
- ANDROSTANES: 5428, 5807
- ANDROSTERONE: 1757, 7158
- ANEMIA: 468, 623, 816, 905, 910, 1021, 1025, 1252, 1254, 1295, 1522, 1654, 1685, 1735, 1765, 1877, 1967, 2005, 2138, 2310, 2492, 2854, 3289, 3384, 3453, 3549, 3588, 3865, 4068, 4159, 4215, 4389, 4418, 4619, 4641, 5057, 5215, 5227, 5731, 5764, 5851, 5921, 5940, 6007, 6079, 6099, 6187, 6207, 6303, 6477, 6814, 7046, 7159, 7228, 7236
- ANEMIA, APLASTIC: 101, 578, 583, 702, 1039, 1050, 1256, 1277, 1433, 1605, 1682, 2045, 2273, 2930, 3453, 3479, 3504, 3743, 4292, 5215, 5318, 5696, 5890, 5997, 6170, 6271, 6284, 6361, 6595, 6710, 6770, 6984, 7067, 7082, 7105, 7210
- ANEMIA, HEMOLYTIC: 124, 126, 258, 516, 553, 695, 702, 715-716, 803, 835-836, 991, 1084-1085, 1155, 1360, 1430, 1505, 1598, 2099-2100, 2116, 2283, 2409, 2774, 3047, 3426, 3478-3479, 3520, 3558, 3596, 3604, 3624, 3652, 3750, 3883-3884, 4008, 4215, 4228, 4340, 4430, 4461, 4547, 4814, 4891, 5006, 5035, 5111, 5124, 5205, 5227, 5249-5250, 5303, 5330, 5390, 5425, 5460, 5604, 5730, 5754, 5824, 5890, 5952, 5997, 6089, 6373, 6397, 6537, 6736, 6882
- ANEMIA, HEMOLYTIC, ACQUIRED: 414, 761, 1087, 1336, 2187, 2255, 2948, 3820, 4249, 5129, 5453, 5607
- ANEMIA, HEMOLYTIC, AUTOIMMUNE: 346, 439, 1048, 1254, 1352, 1914, 2512, 2626, 3502, 3669, 4043, 4402, 4925, 5215, 5566, 5606-5608, 5667, 5757, 5799, 5940, 6194, 6537, 6540, 6715, 6767, 6857
- ANEMIA, HEMOLYTIC, CONGENITAL: 81, 1048, 5215, 6008, 6271, 6445
- ANEMIA, HEMOLYTIC, CONGENITAL, NONSPHEROCYTIC: 1682
- ANEMIA, HYPOCHROMIC: 123, 656, 791, 888, 1003, 1877, 2520, 3478-3479, 3918, 4610, 5417, 5654, 5851, 5890, 5943
- ANEMIA, MACROCYTIC: 1877, 3976, 3981, 6284
- ANEMIA, NEONATAL: 5527, 6697-6698
- ANEMIA, PERNICIOUS: 36, 1545, 1735, 3356, 3669, 4379, 4706, 5799, 6618
- ANEMIA, SICKLE CELL: 126, 507, 1042, 1336, 1404, 2849, 3009, 3639, 3976, 4938, 5465, 5625, 5824
- ANEMIA, SIDEROBLASTIC: 886, 2599, 3479, 3769, 3867, 5142
- ANEMIA, SPLENIC: 4292, 5743, 6271
- ANESTHESIA: 2040, 4276, 4612, 4981, 5089, 5447, 5548, 5829, 6630, 7042, 7207
- ANESTHESIA, CONDUCTION: 5028
- ANESTHESIA, DENTAL: 4533, 6814, 6869
- ANESTHESIA, GENERAL: 398, 693-694, 739, 751, 965, 1092, 1120, 1866, 2868, 2923, 5028, 5287, 6365, 7161, 7207
- ANESTHESIA, INHALATION: 416, 751, 2189, 4725
- ANESTHESIA, INTRATRACHEAL: 2245, 3647, 3718, 4348, 5215
- ANESTHESIA, INTRAVENOUS: 2420, 2792
- ANESTHESIA, LOCAL: 1092, 4308, 4533, 5287, 5306, 6869
- ANESTHESIA, OBSTETRICAL: 5028
- ANESTHESIA, SPINAL: 5028
- ANESTHETICS: 965, 2767, 4541, 5548, 5829, 6928, 7207
- ANESTHETICS, CENTRAL: 368, 661, 1479, 4019, 4217, 4471, 6551, 6945
- ANEUPLOIDY: 1791
- ANEURYSM: 22, 28, 187, 392, 1172-1173, 1392, 1459, 1582, 1677, 2436, 3437, 4743-4744, 4862, 4989, 5121, 5318, 5576, 5955, 6799, 7009, 7183
- ANEURYSM, MYCOTIC: 1173, 1194, 7266
- ANGINA PECTORIS: 328, 1825, 1913, 2106, 2301, 3225, 3254, 3287, 3579, 4098, 4231, 4489, 4596, 5137, 5729-5730, 5761, 5810, 5903, 6832, 7016, 7042, 7065, 7244
- ANGIOCARDIOGRAPHY: 6318
- ANGIOGRAPHY: 138, 202, 272, 311, 432, 669, 714, 909, 924, 1080, 1172, 1183, 1234, 1307, 1396, 1457-1458, 1497-1498, 1617, 1671, 1677, 1764, 1781, 1837-1839, 1917, 1935, 1962, 1989, 2058, 2165, 2172, 2189, 2260, 2262, 2326, 2351, 2366, 2418, 2442, 2483, 2489, 2507, 2554, 2609, 2919, 3024, 3201, 3208, 3281, 3298, 3380, 3389, 3616-3617, 3703, 3780, 3810, 4124, 4208, 4308, 4314, 4429, 4743-4744, 4761, 4785, 4989, 5108, 5121, 5290, 5301, 5316, 5408, 5576, 5588, 5668, 5704, 5718-5719, 6015, 6192, 6407, 6590, 6749, 6798, 6839, 7136, 7252, 7263
- ANGIOKERATOMA: 453, 1368, 2167, 3263, 3992, 5300, 5609
- ANGIOMA, SCLEROSING: 80, 228, 272, 381, 1066, 1307, 1325, 1335, 1389, 1428, 1837-1839, 2394, 2496, 2940, 3057, 3391, 3484, 3738, 4253, 4905, 4970, 5157, 5385, 5537, 5579, 5693, 5711, 5834, 5864, 6015, 6419, 6483, 6797-6798, 7006
- ANGIOMATOSIS: 22, 81, 248, 272, 282, 999, 1242, 1328, 1362, 1457, 1459, 1536, 1582, 1872, 1927, 1973, 2013, 2123, 2196, 2250, 2260, 2324, 2375, 2477, 2818-2819, 2833, 2891, 2973, 3073, 3163, 3275, 3292-3294, 3330, 3343, 3382, 3616, 3639, 3667, 3745, 3996, 4080, 4428-4429, 4507, 4543, 4651, 4708, 4712, 4761, 4843, 5009, 5054, 5121, 5294, 5417, 5583, 5693, 5711, 6034, 6145, 6329, 6374, 6382, 6407, 6666, 6754, 6765, 6777, 6902, 6954, 7280
- ANGIONEUROTIC EDEMA: 1124, 2196, 3996, 5227
- ANGIOSARCOMA: 1036, 1335, 1457-1458, 1577, 2173, 3099, 3392, 3745, 3812, 4284, 4459, 4543, 4953, 5068, 6007, 6030, 6333, 6729
- ANGIOTENSIN: 76, 640, 677, 1261, 1501, 2175-2176, 2747, 2944, 3279, 3800, 3967, 4573, 5059, 5133, 5481, 5714, 5959, 5979, 6475, 6571, 6945, 7024
- ANGIOTENSIN AMIDE: 1261
- ANGIOTENSINASE: 1261, 1501, 2175, 2211, 3279, 3800, 6475
- ANHYDRIDES: 1341, 1405, 2956, 3733, 4148, 4151, 4161, 4341, 4759, 6999
- ANILIDES: 483, 2804, 3752, 4745
- ANILINE COMPOUNDS: 66, 3129, 3468, 6654-6655, 7090
- ANIMAL DISEASES: 228, 2184, 2471, 4143, 6159
- ANIMAL EXPERIMENTS: 2-3, 7-8, 11-12, 14, 18-19, 24, 33, 43, 45, 51-53, 63, 71, 76, 96, 99, 103, 105, 115-116, 121-122, 133, 142, 145, 148-151, 155, 157, 162-164, 168, 171, 174, 177-180, 183, 190-191, 193, 196-197, 199-201, 204-207, 209, 212, 218-220, 224-225, 229-230, 237, 243-245, 255-257, 259, 264, 271, 275, 281-282, 284-287, 289, 298-299, 301-303, 309-310, 312, 318, 329-330, 332-334, 337-339, 342-344, 353, 358, 364-366, 368, 371-374, 377, 385, 388-390, 397, 406-407, 414, 420-421, 423, 425-429, 437-438, 440-441, 444, 446, 449, 454, 457, 464, 469-470, 474, 477, 481, 491, 494-498, 502-503, 511, 515, 520, 525, 527, 529-530, 533, 537, 542, 544-546, 549, 557, 575, 584, 589-590, 594-595, 600, 603-604, 608, 610, 612, 628-629, 631-634, 643-645, 652, 655, 657-658, 660-661, 664, 678, 681-682, 684, 694, 699, 706, 713, 719, 723, 731-732, 740, 742, 746-747, 749-750, 759, 762-764, 767, 771, 775, 777, 779, 783, 787, 798-799, 806, 810, 813, 815, 820-822, 825, 827, 830-831, 837, 840-841, 846-847, 850-852, 856-859, 864-867, 876, 889, 892, 910, 912-913, 921, 925, 931, 935-936, 966, 976, 980, 986-987, 990, 996-997, 1000, 1006, 1012-1015, 1017-1018, 1023-1024, 1027, 1033-1034, 1044, 1064, 1070, 1075, 1078-1079, 1083, 1086, 1089, 1096-1097, 1099, 1102, 1107, 1114, 1118-1119, 1122-1123, 1125, 1128, 1137, 1142, 1149, 1151, 1156, 1159-1160, 1165-1166, 1168, 1185, 1189-1190, 1206, 1210, 1216, 1218-1219, 1225, 1228, 1230, 1233, 1235, 1237, 1241, 1244-1246, 1249, 1255, 1257, 1270, 1279, 1282-1283, 1287, 1294, 1296-1297, 1299-1300, 1312, 1319, 1330, 1333, 1347-1348, 1351, 1356, 1364, 1367, 1372, 1377-1382, 1387, 1394, 1400-1402, 1405-1408, 1411, 1415, 1417, 1421, 1424, 1427-1428, 1438, 1445, 1449-1450, 1452, 1451-1455, 1460, 1463-1465, 1468, 1470-1471, 1477, 1480, 1486-1489, 1501, 1507, 1509-1511, 1516-1517, 1523, 1535, 1541, 1546, 1553, 1561, 1563-1564, 1567, 1572, 1574, 1578, 1580, 1585, 1592-1595, 1599, 1601-1602, 1604, 1607-1608, 1612, 1621, 1623, 1624, 1627-1628, 1630, 1632, 1640, 1645-1646,



# SUBJECT INDEX

1649-1650, 1653, 1657, 1660, 1663, 1668, 1678,  
1684-1685, 1687, 1689-1690, 1695, 1698-1699, 1703,  
1705, 1708-1709, 1711, 1725, 1734, 1736, 1738,  
1743-1744, 1746-1747, 1749, 1751-1753, 1764, 1768,  
1770-1772, 1779, 1790-1792, 1802-1805, 1811,  
1816-1817, 1835, 1840, 1843, 1846, 1851, 1855,  
1861-1862, 1864, 1867-1869, 1874, 1878-1879, 1881,  
1884-1885, 1889, 1896, 1899, 1905, 1910, 1915,  
1920-1923, 1929-1931, 1937, 1941, 1946-1947, 1951,  
1953, 1961, 1972, 1974-1976, 1978, 1986-1989, 1997,  
2000-2001, 2006-2009, 2015, 2026, 2032, 2035, 2048,  
2050-2052, 2057, 2059, 2061, 2067-2068, 2070, 2075,  
2080, 2084, 2102, 2105, 2107, 2109, 2111,  
2114-2115, 2119, 2127-2128, 2135, 2138, 2142, 2150,  
2153, 2157-2158, 2171-2173, 2175-2178, 2181, 2184,  
2187-2188, 2191-2192, 2195, 2201, 2204, 2209-2211,  
2215, 2218, 2221, 2224, 2233, 2252, 2254,  
2256-2257, 2265-2266, 2275-2276, 2279, 2290, 2296,  
2304-2305, 2308, 2312, 2319, 2325, 2330, 2335-2336,  
2339-2343, 2345-2346, 2348, 2350, 2358, 2361, 2365,  
2379-2382, 2389-2390, 2392-2393, 2402-2403,  
2405-2406, 2408-2409, 2411, 2413, 2415, 2420-2421,  
2424, 2427, 2429-2430, 2432, 2434, 2439, 2441,  
2447, 2452, 2456, 2479, 2482, 2493, 2495-2496,  
2498, 2502, 2508, 2517, 2520-2521, 2533-2534,  
2539-2542, 2544-2545, 2553, 2555, 2561-2563, 2567,  
2573, 2580-2583, 2589, 2600, 2602, 2610, 2612,  
2619-2622, 2627, 2630, 2632-2634, 2636, 2640, 2645,  
2650-2652, 2655, 2657, 2668-2669, 2680, 2682-2687,  
2692-2693, 2697-2698, 2701, 2704, 2711, 2718, 2720,  
2722-2723, 2726, 2729, 2737, 2739, 2744, 2747-2748,  
2758-2761, 2777, 2780-2781, 2789, 2792-2795,  
2797-2798, 2800, 2802-2803, 2805, 2814-2817,  
2825-2826, 2828, 2832, 2836-2837, 2842-2844, 2846,  
2852-2853, 2862-2863, 2865-2866, 2872, 2878, 2882,  
2885, 2887-2888, 2892, 2895, 2899-2900, 2903,  
2907-2908, 2911-2913, 2915-2917, 2924, 2934-2935,  
2941, 2949-2950, 2952, 2958, 2962-2963, 2966, 2970,  
2975, 2977, 2988, 2992, 3003-3004, 3007-3008, 3015,  
3032, 3035, 3044, 3049, 3051-3052, 3062, 3064,  
3076, 3080-3081, 3087, 3089-3090, 3094-3095, 3098,  
3101, 3108-3109, 3112, 3116, 3121-3126, 3128-3130,  
3134-3135, 3139-3140, 3143, 3145, 3148, 3153,  
3164-3170, 3174, 3181, 3184, 3188-3189, 3192-3193,  
3202, 3204, 3206, 3209-3210, 3212, 3217-3218, 3222,  
3233, 3238, 3243, 3247-3248, 3250, 3266-3267,  
3269-3271, 3273, 3279-3280, 3285, 3288-3289,  
3307-3309, 3313, 3316-3317, 3320, 3325, 3331, 3335,  
3338, 3348-3349, 3351, 3354, 3365-3366, 3374, 3378,  
3385, 3389, 3393, 3400, 3402, 3406, 3410,  
3419-3420, 3427, 3430-3431, 3433-3434, 3451,  
3457-3460, 3468-3469, 3475-3477, 3480, 3485, 3488,  
3493, 3509-3510, 3512, 3514, 3518, 3522, 3527, 3530,  
3533, 3535, 3538, 3542-3543, 3545, 3549, 3553,  
3555, 3558, 3562, 3564, 3566, 3578, 3581-3583,  
3586, 3590, 3593, 3600-3601, 3603, 3606, 3608,  
3611, 3614, 3618, 3622-3623, 3629, 3631, 3644,  
3647-3648, 3650, 3653, 3655, 3660, 3664-3666, 3668,  
3677, 3686, 3690-3691, 3696-3701, 3705-3706, 3711,  
3713-3714, 3720-3721, 3726, 3732, 3736-3737, 3752,  
3763, 3765-3766, 3772-3773, 3775-3776, 3784-3785,  
3789, 3800, 3805, 3811, 3816, 3818-3819, 3826-3827,  
3836-3838, 3840, 3842, 3849-3850, 3852, 3858, 3868,  
3871, 3874, 3877-3878, 3885-3887, 3890, 3896, 3900,  
3915, 3919, 3921, 3923, 3932-3934, 3943-3944, 3947,  
3949, 3951, 3963, 3965, 3967, 3973-3975, 3977,  
3986, 3991, 3993-3994, 4002-4004, 4007, 4009, 4011,  
4014, 4016-4020, 4026, 4030, 4035, 4047-4052,  
4059-4060, 4064, 4067, 4074-4075, 4078-4079,  
4084-4087, 4090-4091, 4095, 4100, 4108-4110, 4112,  
4115-4116, 4119, 4122, 4128-4129, 4132, 4135,  
4142-4143, 4148-4149, 4151, 4158, 4162-4163, 4165,  
4167, 4193, 4196-4197, 4201, 4215, 4218, 4226,  
4237, 4239, 4246-4247, 4250, 4260, 4274, 4279-4283,  
4286, 4289-4290, 4293, 4299, 4301, 4308, 4311-4312,  
4315, 4318, 4324-4326, 4328-4329, 4331, 4354, 4357,  
4360-4361, 4364, 4366-4368, 4371-4372, 4378-4379,  
4382-4384, 4387, 4389, 4393, 4405-4406, 4408, 4431,  
4433, 4435-4440, 4443, 4455, 4469  
4470-4471, 4473-4475, 4480, 4484, 4486, 4491, 4494,  
4497, 4500, 4503, 4505, 4508, 4510, 4512,  
4514-4517, 4520-4521, 4532, 4541, 4544-4545, 4549,  
4557, 4563-4564, 4573, 4578, 4584, 4587-4589, 4597,  
4600-4601, 4608, 4611, 4613, 4615-4616, 4618-4619,  
4628-4632, 4637-4638, 4641, 4644-4645, 4665-4668,  
4675, 4679, 4683-4684, 4693-4694, 4698, 4700-4702,  
4704-4705, 4709, 4714, 4718, 4720-4721, 4723, 4732,  
4734, 4742, 4747, 4752-4756, 4762, 4765, 4776,  
4781-4783, 4792, 4794-4796, 4803, 4819, 4821-4822,  
4829-4831, 4833-4835, 4842, 4845, 4848, 4852, 4857,

4861, 4866, 4870, 4872, 4875, 4878-4879, 4893-4897,  
4899, 4902-4904, 4906, 4909, 4911-4913, 4917, 4921,  
4923, 4930, 4932, 4935, 4940-4941, 4946, 4949-4952,  
4955, 4961, 4966, 4969, 4980, 4982-4984, 4989,  
4992-4995, 5000-5001, 5004, 5007, 5015, 5018-5019,  
5021, 5026-5027, 5038, 5044, 5048, 5059-5060,  
5062-5064, 5069, 5073, 5080-5082, 5087, 5099, 5108,  
5116, 5118, 5125, 5127-5128, 5132, 5141, 5143-5147,  
5151, 5160, 5165, 5168-5169, 5171-5173, 5179, 5186,  
5189-5192, 5194, 5196-5197, 5206, 5209-5210, 5214,  
5216, 5219, 5223-5224, 5230, 5235, 5237, 5240,  
5245, 5254-5256, 5264, 5276-5277, 5280, 5282, 5285,  
5288-5289, 5296, 5308, 5314, 5317, 5321-5322,  
5324-5325, 5328-5329, 5334, 5336-5339, 5348-5350,  
5353, 5356, 5358, 5367-5369, 5372-5375, 5377-5378,  
5380-5381, 5387-5389, 5415, 5418-5419, 5421-5424,  
5426-5427, 5429, 5434, 5437-5438, 5441, 5443, 5450,  
5456-5457, 5464, 5467-5468, 5470, 5476-5477, 5481,  
5483, 5485, 5487, 5496-5497, 5511, 5513-5514, 5528,  
5531, 5541-5542, 5547-5548, 5551, 5555, 5557, 5560,  
5562, 5568, 5572-5573, 5576, 5582-5583, 5585-5586,  
5591-5592, 5602-5603, 5611, 5617, 5624, 5636, 5649,  
5655, 5660-5661, 5665-5666, 5675, 5677, 5680, 5682,  
5684-5686, 5705-5706, 5710, 5714, 5716, 5723, 5728,  
5746, 5748-5749, 5753, 5756, 5773, 5776-5777,  
5782-5783, 5793-5796, 5802, 5807, 5812-5813,  
5815-5816, 5820-5821, 5828, 5833, 5835, 5837, 5853,  
5861-5862, 5867-5868, 5874, 5877-5878, 5884-5885,  
5888  
5889, 5895, 5899, 5905-5906, 5908, 5912-5914,  
5916-5918, 5929, 5931, 5950, 5953-5954, 5956-5957,  
5966, 5969-5972, 5974-5975, 5979, 5982, 5986, 5988,  
5992, 5994, 5999, 6002, 6009, 6019, 6028, 6033,  
6037, 6042-6044, 6046, 6050-6052, 6054, 6058-6060,  
6064-6065, 6075, 6082, 6086, 6094, 6096, 6100,  
6104, 6108, 6108-6110, 6112, 6115, 6123-6124,  
6126-6132, 6135-6136, 6139, 6146-6147, 6157, 6166,  
6171, 6179-6180, 6184, 6195, 6197-6198, 6204,  
6207-6208, 6210, 6213, 6238, 6241, 6243, 6246,  
6249-6251, 6253-6256, 6261, 6263, 6269-6270, 6272,  
6274, 6276, 6282, 6284-6287, 6301, 6315-6316,  
6325-6326, 6333, 6336, 6338, 6340-6341, 6345-6347,  
6349-6350, 6352, 6354-6355, 6359, 6364, 6366,  
6369-6370, 6378, 6383, 6390-6391, 6393-6395, 6397,  
6399, 6401, 6414, 6416, 6422-6424, 6432-6434, 6439,  
6443, 6446, 6449, 6451-6453, 6465, 6467-6468,  
6472-6473, 6475, 6477, 6485, 6487, 6496-6497, 6502,  
6507, 6510, 6515-6518, 6521, 6523-6524, 6528, 6531,  
6533-6536, 6553, 6555, 6561, 6568, 6571-6572, 6575,  
6577-6581, 6591, 6596, 6603, 6605-6607, 6609,  
6613-6614, 6619, 6623-6624, 6635-6636, 6638,  
6642-6644, 6646-6647, 6654, 6661, 6665, 6671-6674,  
6676, 6689, 6691, 6694-6696, 6704-6706, 6723, 6728,  
6733, 6742, 6747, 6753, 6756-6757, 6761, 6763,  
6766, 6772, 6779-6781, 6783, 6787, 6789, 6792-6793,  
6795-6796, 6801, 6811-6812, 6816, 6821-6822,  
6824-6825, 6828, 6832, 6840-6841, 6849, 6854-6855,  
6862, 6864, 6866, 6870, 6878, 6885, 6893, 6899,  
6903, 6905, 6914, 6916-6917, 6919, 6922, 6925,  
6929, 6939, 6944-6946, 6950, 6953, 6959, 6964,  
6967, 6969-6972, 6975, 6987-6989, 6994-6995, 7000,  
7003-7004, 7008, 7010-7011, 7015, 7023-7024, 7030,  
7032-7035, 7041, 7043-7045, 7047, 7054, 7056, 7059,  
7061, 7063-7064, 7066, 7079, 7081, 7083-7084,  
7086-7087, 7089-7091, 7094, 7096-7102, 7104, 7108,  
7114, 7121-7122, 7128-7129, 7134, 7143-7145, 7147,  
7151, 7156, 7160, 7165-7167, 7181, 7186, 7188,  
7193-7194, 7198-7200, 7224, 7226, 7241, 7243, 7251,  
7254, 7260, 7270-7271  
ANIMAL FEED: 390, 1097, 1133, 1599, 1687, 2520,  
3138, 3631, 4562, 5338  
ANIMAL NUTRITION: 309, 657, 925, 1133, 1465,  
6359  
ANIMALS, DOMESTIC: 7261  
ANIMALS, LABORATORY: 4790  
ANIMALS, NEWBORN: 105, 229, 1168, 2348, 2402,  
2415, 2420-2421, 3139, 3686, 6638  
ANKLE: 69, 1872  
ANKLE JOINT: 1484, 3979  
ANNELIDA: 6280  
ANOPHELES: 6477  
ANOXEMIA: 581, 710, 3903, 4797, 5274, 5466, 5687  
ANOXIA: 243, 582, 751, 910, 1142, 1865, 1968,  
2574, 3146, 3519, 3842, 4469, 4583, 4700-4701,  
5028, 5797, 5824, 6048, 6495, 6697, 6821, 6928  
ANTACIDS: 1649, 6974  
ANTARCTIC REGIONS: 445  
ANTERIOR CHAMBERS: 271, 470, 513, 704, 1279,  
3796, 3821, 3988, 4390, 4424, 4966, 5040, 5364  
ANTHELMINTICS: 2027, 3348, 6053

ANTHRACENES: 4574  
ANTHRANILIC ACID: 2969, 5803, 6417, 6516,  
7008, 7043  
ANTHROPOMETRY: 3796, 7271  
ANTI-ANTIBODIES: 346, 606, 1129, 1513, 1772,  
2118, 2291, 2488, 4112, 4418, 4481, 4913, 4957,  
5957, 6073, 6088, 6671  
ANTIBIOTICS: 322, 347, 408, 497, 523, 610, 638,  
667, 695, 730, 896, 1002, 1133, 1248, 1463, 1530,  
1933-1934, 1976, 2074, 2086, 2148, 2193, 2200,  
2244, 2349-2350, 2419, 2492, 2506, 2767, 2838,  
2863, 2868, 2896-2897, 2922, 2987, 3034, 3050,  
3138, 3309, 3332, 3544, 3560, 3613, 3625, 3678,  
3702, 4047, 4216-4217, 4223, 4320, 4337, 4352,  
4524, 4598-4599, 4928, 5089, 5116, 5204, 5667,  
5763, 5828, 5940, 6120, 6141, 6317, 6513, 6583,  
6596, 6853, 6973, 7181, 7203, 7257  
ANTIBIOTICS, ANTINEOPLASTIC: 502, 1382,  
2138, 2329, 4809, 6704-6706  
ANTIBODIES: 206, 285, 309, 346, 383, 436, 438,  
463, 540, 569, 730, 760, 780, 813, 839, 878, 899,  
962, 972, 977, 1028, 1089, 1109, 1151, 1193, 1290,  
1355, 1513, 1543, 1695, 1728, 2103, 2113, 2118,  
2176, 2246, 2291-2292, 2296-2297, 2348, 2368,  
2539-2541, 2561, 2726, 2810, 2848, 2851, 2894,  
2924, 2970, 3040, 3046, 3084, 3178, 3248, 3305,  
3443, 3451-3452, 3502, 3507, 3531, 3620, 3648,  
3685, 3736, 3879, 3909, 3923, 3934, 3960, 3973,  
4045, 4165, 4198, 4234, 4342, 4404, 4437, 4439,  
4545, 4569, 4613, 4639, 4742, 4758, 4838, 4845,  
4853, 4857, 4911-4913, 4956, 4961, 4977-4978, 4980,  
5051, 5053, 5071, 5102, 5111, 5151, 5227, 5303,  
5405-5406, 5429, 5434, 5449, 5569, 5677, 5709-5710,  
5784, 5966, 6027, 6054, 6061-6063, 6071-6072,  
6074-6075, 6088, 6113-6114, 6130, 6137, 6175,  
6225-6226, 6242, 6247-6248, 6465, 6489, 6496-6497,  
6502, 6579, 6715, 6758, 6848, 6856, 6943, 6959,  
7090-7091, 7124  
ANTIBODIES, HETEROTYPIC: 899, 6113, 6579  
ANTIBODY FORMATION: 23, 30, 141, 224, 284,  
437-438, 762, 848, 863, 879, 1089, 1370, 1513,  
1543, 1804, 1868, 2173, 2221, 2273, 2292, 2344,  
2367-2368, 2561-2562, 2595, 2680, 2710, 2726, 3577,  
3620, 3622, 3646, 3648, 3650, 3668, 3907, 3909,  
3934, 3938, 4119, 4144, 4569, 4577, 4613, 5034,  
5111, 5169, 5185, 5555, 5578, 5974, 6075, 6088,  
6092, 6130-6131, 6210, 6247-6248, 6300, 6494, 6540,  
6671, 6689, 6767, 6963, 7004, 7089-7090  
ANTIBODY PRODUCING CELLS: 3648, 7004  
ANTIBODY SPECIFICITY: 383, 1129, 1772, 2292,  
3451-3452, 3648, 4418, 4545, 4802, 4912-4913, 5569,  
5710, 6578, 6767, 7090  
ANTICHOLESTEREMIC AGENTS: 477, 1757, 2768,  
3548, 3570, 3638, 5671, 6472, 6498, 6557,  
7070-7072  
ANTICOAGULANTS: 6, 31, 46-47, 85, 98, 110, 112,  
137, 148, 170, 188-189, 197, 252, 256, 261, 265,  
275, 354, 357, 367, 386, 395-396, 402, 404, 414,  
418, 434-435, 461, 504, 529, 540, 576, 586,  
594-595, 610, 618, 654, 672, 674, 683, 685, 714,  
756-757, 770, 779, 785-786, 788, 791, 818, 834,  
850-851, 875, 898, 910, 940, 954-955, 958, 993,  
1003, 1031-1032, 1051, 1091, 1132, 1148-1149, 1178,  
1182, 1204, 1236, 1284, 1292, 1317-1318, 1366,  
1387, 1393, 1403, 1409, 1412, 1423, 1472, 1479,  
1491, 1504, 1530, 1534, 1574, 1589-1590, 1596,  
1602, 1622, 1648, 1670, 1674, 1685, 1703, 1710,  
1713, 1743, 1771-1772, 1780, 1823-1824, 1832, 1841,  
1854, 1868-1869, 1871, 1909, 1911, 1913, 1917,  
1926, 1933, 1950, 1969, 1994, 1998, 2009, 2036,  
2040, 2057, 2060, 2085, 2090, 2219, 2236, 2261,  
2263, 2289, 2316-2318, 2364, 2374, 2384, 2391,  
2410, 2431, 2441, 2443, 2492, 2546, 2551, 2579,  
2592, 2613-2615, 2624-2625, 2646, 2667-2668, 2681,  
2691, 2767-2769, 2773, 2801, 2822-2823, 2874, 2890,  
2897-2898, 2902-2903, 2910, 2919, 2968, 2971, 2979,  
2982, 2991, 3000, 3016, 3021, 3114, 3141, 3154,  
3176-3177, 3201, 3220, 3251, 3255, 3287, 3318,  
3356, 3383, 3405, 3430-3431, 3433, 3436-3437, 3483,  
3486, 3509, 3541, 3544, 3547-3548, 3556-3557, 3559,  
3579, 3587, 3592, 3594-3595, 3709, 3734, 3749,  
3755, 3757-3761, 3771, 3775, 3802, 3815, 3830,  
3866, 3869, 3894, 3905, 3925, 3927, 3952, 3954,  
3971, 3997, 4012-4013, 4057, 4068, 4117, 4166,  
4201, 421



# SUBJECT INDEX

4885, 4887-4888, 4925, 4944, 5020, 5030, 5032,  
5036, 5071, 5074, 5109, 5112, 5122, 5136-5137,  
5158, 5177, 5182, 5212, 5231, 5247, 5253, 5273,  
5291, 5323, 5330, 5363, 5370, 5386, 5416, 5447,  
5469, 5475, 5495, 5505, 5508, 5526, 5585, 5588,  
5613, 5622, 5626, 5656, 5669  
5688, 5702-5703, 5724, 5729, 5740, 5761, 5765,  
5772, 5810, 5828, 5836, 5853, 5859, 5903,  
5932-5933, 5935, 5991, 6035, 6043, 6079, 6098,  
6140, 6143, 6201, 6225, 6230, 6237, 6245, 6266,  
6285, 6290, 6296, 6312, 6317, 6356-6357, 6415,  
6422-6423, 6436, 6441, 6468, 6481, 6491, 6493,  
6508, 6511, 6513, 6585, 6600, 6621, 6630, 6701,  
6712, 6718, 6721, 6734, 6743, 6757, 6807, 6815,  
6832, 6844, 6864, 6920, 6924, 6975, 6983, 6991,  
7029, 7120, 7144, 7179, 7192-7193, 7211-7212, 7215,  
7217, 7220, 7227, 7235, 7242, 7244-7245, 7248,  
7269, 7276, 7279  
ANTICONSULSANTS: 1141, 1479, 1701, 2219, 2767,  
4411, 5177, 6035, 6284  
ANTIDEPRESSIVE AGENTS: 59, 661, 1479,  
2767-2769, 3712, 6555  
ANTIDIABETICS: 387, 852, 922, 1060, 1479, 1758,  
2767, 2769, 2960, 3570, 5712, 6035  
ANTIEMETICS: 1479, 6974  
ANTIFIBRINOLYTIC AGENTS: 102, 136, 153-154,  
159-160, 178, 185, 351, 394, 583, 624, 917, 1190,  
1301-1302, 1304, 1359, 1423, 1452, 1656, 1663,  
1819, 1822, 1844, 1969, 1993, 2146, 2151, 2249,  
2357, 2499, 2501, 2558-2559, 2574, 2611, 2620,  
2671, 2694, 2801, 3052, 3096, 3207, 3219, 3231,  
3233, 3312, 3374, 3473, 3510, 3523, 3628, 3716,  
3754, 4021-4022, 4062, 4108, 4191, 4220, 4232,  
4413, 4789, 4791, 4903, 4972, 4974-4975, 5017,  
5134, 5173, 5193-5194, 5216, 5372, 5398, 5509,  
5555, 5585, 5724, 5740, 5866, 5920, 6121, 6197,  
6355, 6745, 6751, 6871, 6942, 7132, 7144, 7196,  
7277  
ANTIFUNGAL AGENTS: 2057, 3386  
ANTIGEN-ANTIBODY COMPLEX: 730, 776, 2246,  
2297-2298, 2539-2540, 4119, 4613, 5975  
ANTIGEN-ANTIBODY REACTIONS: 3, 19, 110,  
171, 184, 205-206, 254, 284, 287, 388, 551, 603,  
628, 762, 839, 879, 979, 1024, 1259-1260, 1285,  
1313, 1643, 1695, 1733, 1768, 1772, 1804, 1848,  
2019, 2021, 2176, 2183, 2246, 2255, 2291, 2296,  
2298, 2348, 2544, 2583, 2810, 2851, 2950, 2970,  
3004, 3174, 3202, 3307, 3325, 3408, 3443, 3452,  
3665, 3728, 3907, 3973, 4003, 4024, 4044, 4115,  
4119, 4197-4198, 4205, 4242, 4271, 4436, 4447,  
4511, 4613, 4696, 4765, 4772, 4802, 4853, 4911,  
4913, 4957-4958, 4977-4978, 4980, 5019, 5051,  
5255-5256, 5303, 5308, 5384, 5555, 5603, 5612,  
5624, 5677, 5710, 5874, 5974, 6057, 6062, 6074,  
6092, 6113, 6130-6131, 6242, 6300, 6504, 6578,  
6671, 6795, 6856, 7087, 7090-7091, 7097, 7241  
ANTIGENIC DETERMINANTS: 628, 2296, 3325,  
4119, 5125, 6131-6132, 6144, 6289, 6481, 6848  
ANTIGENS: 19, 117, 141, 149, 175, 178, 254, 284,  
342-343, 383, 550, 628, 700, 730, 762, 892,  
900-901, 907, 972, 1089, 1122, 1128-1129, 1260,  
1285, 1290, 1298, 1313, 1333, 1355, 1367, 1370,  
1406, 1410, 1543, 1593-1594, 1690, 1771-1772, 1869,  
1895, 1941, 1958, 2221, 2246, 2291-2292, 2296,  
2300, 2312, 2342, 2346, 2369-2370, 2399, 2488,  
2490, 2539-2540, 2542, 2561-2562, 2607, 2633, 2657,  
2727, 2802, 2851, 2860, 3040, 3121, 3204, 3256,  
3307, 3408, 3422, 3443, 3495, 3518, 3577, 3728,  
3736, 3797, 3825, 3860, 3932-3936, 3938, 3960,  
3973-3974, 4030, 4045, 4061, 4115, 4118-4119, 4196,  
4270, 4289, 4367-4368, 4437, 4439, 4447, 4484-4485,  
4613, 4639, 4716, 4723, 4742, 4759-4760, 4911,  
4913, 4941, 4977-4978, 5033-5034, 5041, 5125, 5147,  
5156, 5209, 5254-5255, 5264, 5381, 5418-5419, 5443,  
5486, 5536, 5603, 5658, 5710, 5732, 5813, 5874,  
5878, 5902, 5974, 6011, 6054, 6057, 6082-6083,  
6084, 6088, 6114, 6131-6132, 6137, 6146, 6159,  
6174, 6225, 6246-6248, 6270, 6287, 6444, 6457,  
6460-6461, 6489, 6532, 6578-6579, 6610, 6795, 6817,  
6919, 6929, 7015, 7067, 7089, 7091, 7102, 7144  
ANTIHISTAMINES: 52, 72, 368, 980, 1452, 1479,  
1816, 1940, 2188, 2539, 2693, 2767, 2861, 4019,  
4471, 4486, 4599, 5235, 6110, 6355, 7044  
ANTIHYPERTENSIVE AGENTS: 31, 173, 1479,  
1794, 2767, 3348, 4867, 5380, 5508, 7134  
ANTI-INFECTION AGENTS: 1538, 2767-2768, 3034,  
3348, 5416, 5486, 6999  
ANTI-INFECTION AGENTS, LOCAL: 2161, 3945,  
4412, 5737, 6505  
ANTI-INFLAMMATORY AGENTS: 177, 179, 659,

733, 880, 980, 1114, 1119, 1403, 2058, 2188, 2755,  
2760, 2903, 3751, 3775, 3925, 4019, 4202-4203,  
4299, 4378, 4383-4384, 4467, 4513, 4667, 4946,  
4995, 5194, 5235, 5358, 5508, 5720, 5803, 6086,  
6513, 6516, 6536, 6790, 6991, 7008, 7043-7044,  
7191  
ANTI-INFLAMMATORY AGENTS, TOPICAL: 1132,  
2244  
ANTILIPIDIC AGENTS: 993, 2443, 2767, 3638,  
4879, 6472  
ANTILYMPHOCYTE SERUM: 149, 209, 284-286,  
305, 655, 1588, 2319, 3040, 4115, 4145, 4164, 4234,  
4765, 5034, 5180, 5940, 6114, 6192, 6496-6497,  
6501-6502  
ANTIMALARIALS: 347, 3532, 4018, 4569  
ANTIMETABOLITES: 326, 610, 661, 1976, 3638,  
3936, 5025, 5667  
ANTIMONY: 2027, 6082  
ANTIMYCIN A: 810, 1755, 2635, 3037, 3181, 3378,  
4451, 6964  
ANTINEOPLASTIC AGENTS: 93, 458, 610, 800,  
1309, 1370, 1530, 1664, 2205, 2583, 2767, 2823,  
3171, 3249, 3589, 3799, 3937, 4426, 4516-4517,  
4614, 4809, 4982, 5204, 5468, 5696, 5877, 5917,  
6030, 6078, 6518, 6648, 6699, 6974, 7188, 7228  
ANTINUCLEAR FACTORS: 2118, 4418  
ANTIOXIDANTS: 3138, 5504  
ANTIPROTOZOAL AGENTS: 5913  
ANTIPYRINE: 732, 851, 1702, 4779, 6707-6708  
ANTISEPSIS: 323, 2160  
ANTISTREPTOLYSIN: 838, 3413, 3451-3452, 4144,  
5449  
ANTITHROMBIN: 10, 18, 742, 1503, 1632, 1724,  
1727-1729, 1803, 1825, 1985, 2498, 3052, 3097,  
3506, 3984, 4062, 4558, 4679, 4694, 4997, 5954,  
6723, 7002  
ANTITOXINS: 1657, 3036, 3307, 3513  
ANTITUBERCULAR AGENTS: 2856, 3867, 4769  
ANTIVENOMS: 3508, 4949  
ANTIVIRAL AGENTS: 2057, 4132, 4217, 4357  
ANTS: 4047  
ANURIA: 133, 156, 337, 498, 1158, 1571, 1619,  
1780, 2005, 2099, 2548, 2674, 5738, 5760, 5919  
ANUS DISEASES: 6362  
ANUS NEOPLASMS: 6373  
AORTA: 38, 71, 169, 183, 212, 477, 621, 910, 931,  
1005, 1070, 1204, 1319, 1347, 1402, 1851, 1865,  
1929, 2008, 2084, 2302, 2701, 2865, 2916,  
2994-2995, 3033, 3206, 3221, 3238, 3247, 3529,  
3686, 3690, 3719, 3762, 3765, 4102, 4364, 4593,  
4597, 4654, 4679, 4694, 4705, 4718, 4727, 4889,  
4933, 4973, 4983, 5144-5145, 5204, 5216, 5457,  
5568, 5682, 5971, 5979, 6094, 6128, 6234, 6434,  
6439, 6524, 6695-6696, 6761, 6818, 6971, 7018,  
7186  
AORTA, ABDOMINAL: 432, 711, 1931, 1995, 2107,  
2165, 2798, 2868, 3110, 3234, 3606, 3818, 3855,  
3858, 4046, 4364, 4776, 5074, 5376, 5646, 5719,  
5956, 6100, 6128, 6362, 6375, 6523, 6694, 7015,  
7136  
AORTA, THORACIC: 76, 867, 1456, 1843, 2901,  
4083, 4693, 5329, 5464, 5542, 5828, 5955, 6112,  
6128, 6449  
AORTIC ANEURYSM: 711, 1456, 1995, 2994, 3110,  
3855, 3858, 4063, 4124, 5946, 6362, 6375, 6530,  
6636, 7266  
AORTIC ARCH SYNDROMES: 1865  
AORTIC COARCTATION: 416, 2252, 4652, 5897,  
6530, 6886, 7183  
AORTIC DISEASES: 1319, 2252, 2302, 2471, 2994,  
3208, 3789, 3818, 4046, 4083, 4314, 4981, 5048,  
5144, 5329, 5646, 5956, 6128, 6375, 6431, 6434,  
6523, 6885, 7015, 7266  
AORTIC RUPTURE: 1305, 1691, 1995, 2994, 7266  
AORTIC VALVE: 2822, 3669, 5330, 5730, 5828,  
6079  
AORTIC VALVE INSUFFICIENCY: 404, 1003,  
5730, 6324  
AORTIC VALVE STENOSIS: 1003, 1756, 5730,  
5955, 6324  
AORTOGRAPHY: 432, 456, 722, 1305, 1677, 1693,  
2507, 2514, 3540, 4140, 4428, 4662, 4987, 5329,  
6318, 6590, 7266  
APATITES: 5370  
APES: 23, 388-389, 1496, 4415, 6062  
APHASIA: 311, 1739  
APHONIA: 6762  
APICECTOMY: 4023, 5798  
APPENDICITIS: 2942, 4944, 5357, 6766, 6845  
APPENDICEAL NEOPLASMS: 5333, 5493

APPENDICITIS: 277, 1960, 6538  
APPENDIX: 2, 6550  
APPETITE: 3493  
APPETITE DEPRESSANTS: 761  
APPETITE DISORDERS: 502, 3062, 5654  
APRAXIA: 216, 236  
AQUEOUS HUMOR: 271, 300, 1279, 1951, 4966  
ARABIA: 2024  
ARABINOSIDE: 130, 4225  
ARACHIDONIC ACID: 575, 733, 1110, 4610, 5020,  
5336  
ARACHNIDA: 4142  
ARACHNIDISM: 5530  
ARACHNODACTYL: 1973, 5581  
ARACHNOID: 2324, 3075, 4953  
ARACHNOIDITIS: 5695  
ARBOVIRUS: 3164, 5995  
ARBOVIRUS INFECTIONS: 1530, 2319, 4958  
ARCHITECTURE: 4477  
ARGINASE: 2496, 3889  
ARGININE: 266, 474, 497, 505, 590, 613, 728, 744,  
852, 1124, 1276, 1341, 1345, 1380, 1628, 1684,  
1924, 2053, 2121, 2142, 2156, 2221, 2353, 2428,  
2598, 2617, 2702, 2804, 2813-2814, 2892, 2913,  
2956, 2974, 3218, 3273, 3427, 3460, 3650, 3711,  
3752, 4080, 4064, 4193, 4225, 4406, 4491-4492,  
4721, 4795, 5064, 5262, 5407, 5483, 5557, 5637,  
5649, 6002, 6050, 6154, 6249, 6341, 6393, 6461,  
6518, 6522, 6820, 6950, 7061  
ARGON: 3639  
ARIZONA: 5530  
ARM: 418, 739, 1172, 1392, 1515, 2442, 2551, 3107,  
3343, 3718, 5672, 5674, 5720, 6180, 6405  
ARMENIA: 2787  
ARRHYTHMIA: 472, 788, 1092, 2900, 3476, 3579,  
3864, 4548, 4588, 4725, 5058, 5730, 5760, 5840,  
6431, 6630, 7042, 7220  
ARSENIC: 372, 1755, 2686-2687, 3014, 5441, 6310,  
6964  
ARSENICALS: 3138  
ARTERIES: 38, 200, 243, 276, 379, 457, 638, 687,  
731, 773, 867, 1005, 1077, 1153, 1189, 1191, 1333,  
1392, 1491, 1930, 2275, 2332, 2429, 2436, 2627,  
2798, 2801, 2910, 3268, 3304, 3437, 3512, 3514,  
3596, 3718, 3770, 3858, 3903, 4196, 4279, 4593,  
5109, 5464, 5471, 5562, 5576, 5665, 5868, 6115,  
6364, 6515, 6590, 6614, 6696, 6784, 6839, 7009  
ARTERIOSCLEROSIS: 33, 71, 109, 129, 169, 173,  
212, 239, 265, 278-279, 294, 351, 560, 575, 634,  
714, 821, 874, 890, 1070, 1173, 1205, 1220, 1246,  
1319, 1331-1332, 1334, 1378-1379, 1453, 1514, 1587,  
1617, 1678, 1739, 1787, 1806, 1843, 1851,  
1929-1930, 1990, 2008, 2058, 2084, 2302, 2309-2310,  
2471, 2672, 2845, 2865, 2994, 3056, 3062, 3082,  
3206, 3221, 3238, 3242, 3247, 3402, 3529,  
3570-3571, 3686, 3720, 3762, 3765, 3770, 3789,  
3818, 3870, 3875, 3914, 3965, 3975, 4066, 4124,  
4302-4303, 4354, 4363-4364, 4514, 4520, 4561, 4594,  
4597, 4654, 4718, 4749, 4832, 4836, 4920, 4973,  
4981, 4983-4984, 5048, 5094, 5130, 5144, 5189,  
5194, 5213, 5243, 5336, 5376, 5402, 5457, 5568,  
5576, 5626, 5671, 5704, 5726, 5832-5833, 5835,  
5956, 5971, 6029, 6032, 6081, 6094, 6112, 6128,  
6234, 6242, 6342, 6344, 6364, 6396, 6406, 6434,  
6439, 6449, 6460, 6466, 6630, 6679, 6694-6695,  
6812, 6839, 6885, 6905, 6923, 6971, 6997, 7016,  
7070-7072, 7099-7100, 7104, 7172-7174, 7220  
ARTERIOSCLEROSIS OBLITERANS: 173, 500, 714,  
990, 1077, 1183, 1388, 3038, 3277, 4314, 5212,  
5991, 6375-6376  
ARTERIOVENOUS ANASTOMOSIS: 2058, 2901  
ARTERIOVENOUS FISTULA: 132, 926, 1146, 1173,  
1175, 1239, 1459, 1498, 1582, 1831, 2165, 2366,  
3155, 3230, 3462-3463, 3616, 4253, 4353, 4428-4429,  
4453, 4478, 4636, 4836, 4862, 5269, 5392, 5576,  
5819, 6407, 6796, 6798-6799, 6839, 7068, 7182  
ARTERIOVENOUS MALFORMATIONS: 132, 392,  
808, 1146, 1458-1459, 1498, 1831, 3463, 4353, 4428,  
5236, 5576, 6407, 6730, 6798  
ARTERIOVENOUS SHUNT, SURGICAL: 89, 375,  
435, 1100, 1424, 2216, 2442, 2720, 3881, 4453,  
5286, 6356  
ARTERITIS: 1194, 1366, 2911, 4154, 4229, 5524,  
6397, 7220  
ARTHRITIS: 30, 143, 1559, 1848-1869, 2280, 2713,  
3110, 3115, 3222, 3992, 4933, 5172, 5720, 6086,  
6447, 6747  
ARTHRITIS, INFECTIOUS: 3585, 3801  
ARTHRITIS, JUVENILE RHEUMATOID: 147, 1370,  
2603



# SUBJECT INDEX

- ARTHRITIS, RHEUMATOID: 9, 143-144, 146-147, 238, 1227, 1370, 1559, 1579, 1782, 2321-2322, 2482, 2497, 2512, 2603, 2909, 3413, 3570, 3633, 3707, 3955, 4068, 4229, 4275, 4372, 4934, 4936, 4946, 5121, 5449, 5667, 5799, 5909, 6156, 6425, 6447, 6746, 6787, 6857, 7241  
 ARTHROBACTER: 1963  
 ARTHRODESIS: 4138  
 ARTHROGRYPPOSIS: 6302  
 ARTHROPLASTY: 818, 4434  
 ARTHROPODS: 5349  
 ARTHUS PHENOMENON: 1099, 1287, 1367, 1804, 2684, 2915, 3819, 4197, 4474-4475, 4742, 5624, 6747, 7045, 7093  
 ARTIFICIAL ORGANS: 371  
 ARTIODACTYLA: 746  
 ASBESTOSIS: 626  
 ASCARIASIS: 4531  
 ASCARIS: 3427, 5649  
 ASCITES: 54, 801, 927, 1607, 4516, 4808, 5384, 5615, 6533, 6968, 6977  
 ASCITIC FLUID: 33, 437, 927, 1917, 2369, 3183, 5418, 6190, 6973  
 ASCOMYCETES: 1342, 3371, 5345  
 ASCORBATE DILUTION TECHNIC: 653  
 ASCORBIC ACID: 653, 811, 844, 891, 1252, 1286, 1689, 1993, 2209, 2847, 2861, 3075, 3678, 4368, 4518, 4763, 4821, 4916, 5132, 5504, 5565, 5764, 5833, 6110, 6349, 6520, 7043  
 ASCORBIC ACID DEFICIENCY: 2084, 2636, 3918, 4720, 5746, 5833, 6276  
 ASIA: 2369  
 ASPARAGINASE: 336, 458, 489, 512, 627, 631, 844, 2451, 2511, 4696, 4716, 6937, 7188-7189  
 ASPARAGINE: 384, 663, 1716, 2738, 2764, 2828, 2876, 3731, 4214, 4225, 4659, 5222, 6366, 6684, 6847  
 ASPARTATE AMINOTRANSFERASE: 62, 135, 616, 627, 759, 815, 824, 986, 1131, 1199, 1344, 1487, 1525, 1767, 2073, 2450, 2462, 2522, 3062, 3246, 3519, 3608, 4236, 4324, 4790, 4796, 4885, 5375, 5485, 5512, 5593, 6169, 6202, 6433, 6867, 6972, 7054, 7132  
 ASPARTIC ACID: 128, 565, 663, 712, 1684, 1716, 1773, 1996, 2593, 2875, 3336, 3374, 3668, 3724, 3733, 3861, 4214, 4312, 4846, 5178, 5222, 5246, 5405, 5523, 6009, 6069, 6154, 6901, 6999  
 ASPERGILLOSIS: 6504, 7287  
 ASPERGILLUS: 493, 888, 944, 3001, 3078, 3165, 3341-3342, 3528, 3708, 3853, 4799-4800, 5146, 5534-5536, 6157, 6442, 6504, 6547-6548, 6559, 7139  
 ASPHYXIA: 6574  
 ASPIRATION: 203, 1120, 3466-3467, 5028, 6426  
 ASPIRIN: 24, 178, 238, 528, 579, 661, 697, 699, 730, 733, 866, 959-960, 1118-1119, 2186, 2416, 2539, 2633, 2870, 2948, 3043, 3439, 3868, 4178, 4238, 4341, 4681-4682, 4867, 4933-4934, 4973, 4995, 5199, 5229, 5232-5233, 5565, 5597, 5663, 5737, 5861, 6067, 6099, 6240, 6422, 6486, 6489, 6524, 6536, 6687, 6746, 6894-6895, 6897, 6975, 7029, 7191  
 ASSISTED CIRCULATION: 33, 495, 1480, 4431, 4611, 5853  
 ASTHENIA: 2277  
 ASTHMA: 1071, 1704, 1732, 1870, 3231, 3570, 3797, 3946, 4936, 5152, 6138, 6471, 6495, 6671, 6964, 7037-7038, 7175  
 ASTROCYTOMA: 80, 736, 1776, 2756, 3075, 4531, 4953, 5993  
 ATAXIA TELANGIECTASIA: 1459, 2045, 6404  
 ATELECTASIS: 156, 876, 6714  
 ATHLETIC INJURIES: 855, 2419, 2665, 3859, 3913  
 ATMOSPHERIC PRESSURE: 1079, 1691, 3399, 6020  
 ATROPHY: 422, 1865, 3479, 5236, 6433, 6568  
 ATROPINE: 1578, 3608, 4390, 5168, 6933, 6975  
 ATTITUDE: 6418  
 AUDIOMETRY: 260, 676, 1776, 2889, 5832, 6018, 6073, 6480, 6688  
 AUDITORY PERCEPTION: 6073  
 AURICULAR FIBRILLATION: 5253, 5825, 6381  
 AURICULAR FLUTTER: 1217, 1780  
 AUSCULTATION: 2516, 4353, 6730, 6839  
 AUSTRIA: 2040  
 AUTOANALYSIS: 11, 45, 585, 611, 727, 795, 998, 1216, 1341, 1501, 1653, 2475, 2741, 2881, 2999, 3014, 3147, 3265, 3714, 3949, 4416, 4448, 4764, 5064, 5781, 5808, 6009, 6063, 6157, 6246, 6443, 6684, 6802, 6809, 6911, 7013, 7102  
 AUTOANTIBODIES: 19, 286, 848, 1254, 1848, 1868, 2183, 2283, 2292, 2396, 2657, 2743, 3598, 3646, 5111, 5209, 5709, 5773, 5799, 5874, 6084, 6130, 6247-6248, 6442, 6671, 6767, 6857  
 AUTOIMMUNE DISEASES: 25, 963, 967, 1254, 2283, 3933, 4043, 4159, 4164, 4407, 5156, 5667, 5709, 5799, 6084, 6130, 6397, 6857, 6890  
 AUTOLYSIS: 1486-1488, 2112, 3910, 4074, 6251  
 AUTOMATIC DATA PROCESSING: 854, 1616, 4071, 7111  
 AUTOMATION: 899, 1800, 1982, 2223, 6598, 6861  
 AUTOMOBILE DRIVING: 1479  
 AUTONOMIC DRUGS: 2788, 4239, 4867  
 AUTONOMIC DYSFUNCTION: 739  
 AUTONOMIC NERVE BLOCK: 4915  
 AUTONOMIC NERVOUS SYSTEM: 2336, 2429, 2695, 3430-3431, 6794  
 AUTOPSY: 124, 247, 474, 555, 582, 622, 695, 703, 814, 824, 1069, 1131, 1379, 1430, 1568, 1600, 1625, 1739, 1756, 1837-1839, 1845, 1887, 2170, 2213, 2248, 2315, 2332, 2418, 2532, 2632, 2714, 2728, 2818, 2871, 2994, 3005, 3061, 3632, 3865, 3946, 4012, 4041, 4068, 4254, 4275, 4386, 4395, 4438, 4606, 4674, 4808, 4931, 5249, 5342, 5425, 5464, 5559, 5581, 5584, 5625, 5668, 5713, 5735, 5907, 6208, 6357, 6372, 6508, 6588, 6677, 6709, 6729, 6736, 6843, 6886, 7046, 7073, 7263-7267  
 AUTOSOME ABNORMALITIES: 2269, 3782, 5037, 5101, 5841  
 AVIAN LEUKOSIS: 6841  
 AVIATION MEDICINE: 4914  
 AVITAMINOSIS: 1155, 3138, 5001, 6302, 6961  
 AXILLA: 4029  
 AXILLARY ARTERY: 38, 76, 1204, 1677, 5316  
 AXILLARY VEIN: 1559, 3481  
 AXONS: 2899  
 AZATHIOPRINE: 209, 287, 963, 1353, 1370, 1615, 1859, 1870, 2313, 2418, 2512, 2585, 2918, 3123, 3747, 3808, 3820, 3868, 3890, 4145, 4638, 5468, 5606-5607, 5667, 5742-5743, 6114, 6560  
 AZEPINES: 1940  
 AZIDES: 1535, 3715, 4598, 5961, 6394, 7049  
 AZO COMPOUNDS: 762, 1891, 2156, 3014, 3036, 4709, 4810, 5434, 6108, 6443, 6648  
 AZOLES: 4105, 4810  
 AZOTOBACTER: 4412, 6411
- ## B
- BACILLUS: 556, 1763, 1918, 2197, 3078, 3395, 3730, 3853, 3899, 4373-4374, 4574, 4715, 5146, 5433  
 BACILLUS CEREUS: 118, 1057, 1259, 3213, 3889, 5861  
 BACILLUS MEGATERIUM: 989, 1440, 2282, 3407, 4267-4268, 5237, 6538  
 BACILLUS SUBTILIS: 118, 199, 322, 501, 781, 805, 944, 1140, 1763, 2150, 2152, 2227, 2648, 2956-2957, 3797, 4233, 4240, 4265-4266, 4375, 5146, 5217, 5237, 5923, 6049, 6538, 6543, 6968, 7060  
 BACTRACIN: 3973-3974  
 BACK: 3484, 5674  
 BACKACHE: 723, 778, 1866, 1887, 4072, 6012  
 BACTERIA: 1259-1260, 1550, 2197, 2241, 2449, 2468, 2841, 2675, 2741, 2811, 3055, 3381, 3395, 3565, 3610, 3945, 4031, 4088, 4194, 4333, 4406, 4477, 4497, 4752, 5089, 5146, 5158, 5162, 5281, 5428, 5438, 5792, 5887, 6118, 6606, 6733, 6756, 6858, 7094, 7260  
 BACTERIAL PROTEINS: 3, 450, 998, 1108, 1273, 2860, 2906, 2928, 3223, 3619, 4240, 4357, 4572, 4923, 5433, 5486, 5657, 5895, 6013, 6640, 6689, 7036  
 BACTERIAL VACCINES: 1344, 2924, 6689  
 BACTERIOCINS: 1880, 2202, 2928, 3128, 4001, 4350, 5237  
 BACTERIOLOGICAL TECHNIQS: 226, 517-518, 1481, 2160, 2274, 2466, 2896, 2927, 2932, 3625, 3899, 4194, 4670, 4786, 5158, 5162, 5305, 5792, 5887, 6020, 6236, 6566, 6599, 6918, 7010, 7157  
 BACTERIOLYSIS: 781, 1385, 3498, 4001, 4566, 5792, 5887, 6384  
 BACTERIOPHAGE: 1880, 2348, 2561-2562, 4001, 4609, 5102, 6049, 6968  
 BACTERIOPHAGE TYPING: 690, 1058-1059, 1193, 1248, 1879, 2506, 2887, 4114, 4369, 6011, 6960, 7157  
 BACTERIURIA: 3851  
 BACTEROIDES: 127, 2640, 4939, 5395  
 BALLISTOCARDIOGRAPHY: 931  
 BALNEOLOGY: 3995, 4449, 5094, 6466  
 BALSAMS: 1232, 3751  
 BAMETHAN: 5734  
 BANDAGES: 1184, 1497, 2031, 2345-2346, 3180, 4121, 4202-4203, 4264, 5030, 6141, 6869  
 BARBITURATES: 337, 1141, 1501, 2074, 2769, 3410, 3654, 4223, 4411, 4469, 4771, 5323, 6721, 7043-7044  
 BARIUM: 2133, 3016, 4130, 6143  
 BARIUM SULFATE: 1101, 1560, 2727, 2779, 3958, 4069, 4262, 4694, 5277, 5616, 5634, 7063  
 BASAL METABOLISM: 5018  
 BASEMENT MEMBRANE: 738, 747, 847, 1165, 1915, 2181, 2749, 2798, 2911, 3116, 3438, 3614, 3907, 3926, 4328, 5524, 5878, 6671, 6858, 6921, 7176  
 BASIDIOMYCETES: 4047  
 BASILAR ARTERY: 2551, 6115  
 BASOPHILS: 1718, 3419, 4426, 4790, 5007, 5148, 6438-6439  
 BCG VACCINATION: 5118  
 BEES: 1752-1753, 2075, 5120  
 BEETLES: 2797  
 BEHAVIOR, ANIMAL: 1645  
 BEHCET'S SYNDROME: 240, 4185-4186  
 BELLADONNA: 2525  
 BENCE JONES PROTEIN: 104, 918, 2217, 2946, 3063, 4112, 4913, 4954, 5817-5818, 6088, 6443, 6461-6463, 6817, 6952, 7159  
 BENZALKONIUM CHLORIDE: 632-633, 1891, 4269, 5828, 6615, 6636  
 BENZANTHRACENES: 655, 6518  
 BENZENE: 572, 817, 2804, 2807, 3918  
 BENZENE DERIVATIVES: 51, 572, 2053, 4745, 6178, 6654, 6742, 6966  
 BENZENE HEXACHLORIDE: 6686  
 BENZIMIDAZOLES: 956, 5948  
 BENZOATES: 178, 957, 1051, 1122, 1550, 1628, 1656, 1667, 1771, 1773, 1819, 1920, 2033, 2435, 2444, 2687, 2951, 3231, 3233, 3510, 3523, 3541, 3628, 3716, 3778, 4021, 4074, 4214, 4493, 4972, 5262, 5372, 5434, 5875, 5922, 6091, 6220, 6394-6395, 6745, 6926, 7112, 7196  
 BENZOCYCLOHEPTENES: 425  
 BENZOFURANS: 980, 3712, 6832, 7177  
 BENZOPYRANS: 63, 275, 868, 2098, 2114, 2459, 3122, 4318, 4899, 6109  
 BENZOPYRENES: 851, 1230, 2582, 4574  
 BERBERI: 1056  
 BERLIN: 5961  
 BERYLLIUM: 2067  
 BETA GLOBULIN: 64, 273, 1113, 3062, 3683, 3820, 4004, 4136, 5423, 6127, 6861  
 BETAMETHASONE: 1031, 2283, 2535-2537, 2950, 4848  
 BEVERAGES: 5953  
 BIBLIOGRAPHY: 2209  
 BICARBONATES: 168, 684, 694, 981, 1016, 1445, 1699, 2197, 2552, 2783, 3009, 3198, 3323, 3668, 3687, 3879, 4714, 4943, 5035, 5413, 5752, 6190, 6213, 6367-6368, 6451, 6703, 6911, 7017-7019, 7164, 7214  
 BIGUANIDES: 1658, 1758  
 BILE: 1064, 1734, 1873, 2129, 2343, 2573, 2611, 2802, 2826, 2958, 3010, 3280, 4379, 4624, 4705, 4792, 4803, 6561, 6661, 6706, 6753  
 BILE ACIDS AND SALTS: 329, 481, 635-636, 657, 810, 821, 936-937, 1212, 1219, 1586, 1741, 1799, 1809, 2171, 2335, 2573, 2589, 2723, 2826, 3920, 4675, 4684, 4704-4705, 4792, 4803, 4930, 5076, 5794, 6661, 6854-6855, 7018, 7214  
 BILE DUCT NEOPLASMS: 1873, 1903  
 BILE DUCTS: 1378, 1873, 4123, 7011  
 BILE DUCTS, INTRAHEPATIC: 1069, 1326, 5488, 6243  
 BILE PIGMENTS: 1069, 7017, 7019  
 BILIARY FISTULA: 253, 1008  
 BILIARY TRACT: 1767, 3803  
 BILIARY TRACT DISEASES: 1212, 1525, 1570, 1767, 1873, 4691, 6312, 6936, 7210  
 BILIRUBIN: 23, 616, 799, 824, 986, 1054, 1064, 1109, 1131, 1141, 1270, 1295, 1545, 1873, 1917, 2024, 2129, 2451, 2454, 2462, 2960, 3090, 3146, 3519, 3632, 3691, 3920, 3984, 4016, 4236, 4388, 4790, 4925, 5061, 5274, 5375, 5465, 5488, 5593, 5879, 5882, 5972, 6169, 6233, 6237, 6271, 6394-6395, 6568, 6867, 6908  
 BINDING SITES: 66, 151, 263, 312, 326, 335, 366, 427, 437, 628, 762, 771, 776, 805, 810, 846, 899, 920, 1017, 1105, 1122, 1129-1130, 1159, 1202, 1231, 1240, 1276, 1298, 1356, 1380, 1391, 1412-1413, 1455, 1512, 1550, 1629, 1716, 1773, 1901, 1958,



# SUBJECT INDEX

- 1996, 2025, 2042, 2113, 2135, 2175, 2204, 2297, 2333, 2444, 2541, 2577, 2598, 2616-2617, 2633, 2708, 2717, 2743-2744, 2757, 2764-2765, 2769, 2805, 2825, 2875-2876, 2956, 2978, 2985, 2999, 3095, 3109, 3111, 3194, 3336-3337, 3379, 3398, 3443, 3455-3456, 3468, 3565, 3648, 3688, 3736, 3779, 3785, 3861, 3938, 3966, 3973, 3980, 3983, 4052, 4168, 4205, 4234, 4242, 4250, 4310-4311, 4373, 4375, 4387, 4506, 4663, 4683, 4745, 4759, 4770, 4912, 4943, 5000, 5087, 5106-5107, 5161, 5169, 5178, 5389, 5413, 5592, 5623, 5660, 5759, 5787, 5804, 5858, 5875-5876, 5906, 5922, 6009, 6064, 6091, 6108, 6118, 6155, 6150, 6154, 6157, 6178, 6198, 6220, 6295, 6310, 6443, 6465, 6521, 6551, 6559, 6578, 6613, 6752, 6789, 6819, 6889, 6903, 6917, 6926, 7000, 7088, 7112, 7143
- BIOCHEMISTRY: 861, 1034, 2353, 2638, 2804, 3597, 3921, 4105, 4448, 5784, 5895, 6222, 6224, 6457, 6783, 6922
- BIODEGRADATION: 1563-1564, 4434
- BIOFLAVONOIDS: 2476, 3548, 4210, 5699, 5720, 6520, 6991
- BIOLOGICAL ASSAY: 8, 76, 120, 331, 374, 515, 584, 604, 677, 771, 927, 990, 1206, 1348, 1501, 1546, 1628, 1652, 2130, 2176, 2534, 2627, 2692, 2809, 2825, 2851, 3087, 3099, 3145, 3279, 3308, 3600, 3649, 3668, 3706, 4108, 4110, 4260, 4368, 4384, 4684, 4698, 4731, 4805, 4870, 4921, 4950, 5222, 5381, 5777, 5908, 5979, 6158, 6335, 6468, 7061, 7083, 7249
- BIOLOGICAL CLOCKS: 3133
- BIOLOGICAL PRODUCTS: 3313, 4406, 6159, 6722
- BIOLOGICAL TRANSPORT: 368, 402, 407, 1152, 1206, 1317-1318, 1384, 1951, 2115, 2129, 2826, 3320, 3417, 4013, 4045, 4283, 4455, 4467, 4797, 4861, 5661, 6347, 6380
- BIOLOGICAL TRANSPORT, ACTIVE: 43, 811, 4052, 4928, 5080, 6019
- BIOMECHANICS: 818, 1563, 1881, 3081, 3578, 3699, 5467, 5931, 6450, 6614, 7129
- BIOMEDICAL ENGINEERING: 633, 1574, 4070, 5853, 6204, 6802, 6615, 6939
- BIOMETRY: 584
- BIOPHARMACEUTICS: 2872, 5388
- BIOPHYSICS: 386, 931, 1164, 4044
- BIOPSY: 165, 192, 254, 349, 422, 566, 738, 751, 769, 1131, 1134, 1175, 1226, 1349, 1361, 1482, 1549, 1813, 1897, 1981, 2122, 2137, 2155, 2179, 2248, 2321-2322, 2351, 2425, 2740, 2774, 2829, 2870, 2909, 3054, 3146, 3362-3363, 3491, 3615, 3799, 3820, 3907, 4147, 4478, 4590, 4603, 4619, 4740, 4808, 4860, 5036, 5392, 5485, 5488, 5524, 5556, 5578, 5843, 6034, 6073, 6089, 6105, 6125, 6148, 6165, 6227, 6299, 6563-6564, 6608, 6729, 6736, 6797, 6811, 6921, 7073
- BIOTIN: 2209, 2847, 5001, 5971
- BIOTRANSFORMATION: 850, 1061, 3653, 6733
- BIPHENYL COMPOUNDS: 3628, 5081
- BIRD DISEASES: 491, 2406
- BIRDS: 777, 1137, 2406, 2892, 3601, 5349, 5356, 5650, 6578
- BIREFRINGENCE: 2224, 2373, 2952
- BIRTH INJURY: 797, 7109
- BIRTH WEIGHT: 391, 4169, 5839, 6709, 6843, 6887
- BISHYDROXYCOUMARIN: 59, 372, 382, 830, 868, 906, 1060-1061, 1141, 1149, 1201, 1365, 1477, 1499, 1678, 1702, 1781, 1787, 2329, 2513, 2524, 2646, 2673, 2711, 2990, 3129, 3378, 3653, 3971, 4036, 4040, 4051, 4201, 4540, 4598, 4770-4771, 4861, 5230, 5673, 5861, 6036, 6043, 6230, 6569, 6641, 6707-6708, 6786, 6903, 6984, 6982, 7110, 7177
- BITES AND STINGS: 4227
- BLADDER: 201, 496, 1386, 1784, 2203, 2389, 2436, 2455, 3600, 4570, 4921, 4971, 5398, 5738, 6550
- BLADDER FISTULA: 6231
- BLADDER NEOPLASMS: 939, 1952, 2334, 2919, 3102, 6007, 6550, 7131
- BLAST INJURY: 3803, 5593
- BLASTOMYOSIS: 7280
- BLEPHAROPTOSIS: 3821, 6792
- BLINDNESS: 167, 1999, 2055, 5239, 5287, 6859
- BLISTER: 1573, 2328, 4468
- BLOOD: 126, 449, 494, 557, 657, 757, 837, 977, 981, 1163, 1327, 1382, 1475, 1481, 1619, 1645, 1685, 1777, 1798, 1887, 2124-2126, 2350, 2358, 2429, 2582, 2619, 2652, 2663, 2849, 3190, 3254, 3327-3328, 3456, 3490, 3518, 3527, 3620, 3639, 3687, 3708, 3853, 4004, 4024, 4106, 4132, 4169, 4171, 4269, 4452, 4503, 4731, 4749, 4895, 4939, 5026, 5063, 5158, 5162, 5305, 5321, 5475, 5514, 5603, 6029, 6265, 6269, 6293, 6320, 6460, 6477, 6561, 6634, 6644, 7081, 7164
- BLOOD BACTERICIDAL ACTIVITY: 263, 2348, 3866, 5158
- BLOOD BANKS: 117, 839, 854, 900-901, 1098, 1801, 2604, 2642-2643, 2778, 3157, 3381, 3866, 4071, 4688, 5589, 5883, 6258, 6598, 6861, 7231
- BLOOD-BRAIN BARRIER: 2172, 2977, 5334, 6318
- BLOOD CELL COUNT: 23, 36, 209, 243-244, 293, 320, 333, 346, 371, 446, 466, 468, 549, 579, 641, 650, 696, 730, 757, 763, 768, 791, 798-799, 809, 824, 913, 991, 1007, 1062, 1067-1068, 1079, 1088, 1109, 1114, 1223, 1256, 1314-1315, 1382, 1410, 1465, 1473, 1557, 1589, 1593-1594, 1613, 1619, 1645, 1654, 1685-1686, 1742, 1750, 1792, 1811, 1822, 1826, 1859, 1877, 1884, 1887, 2000, 2008, 2016, 2021, 2138, 2143, 2214, 2252, 2254, 2262, 2266-2267, 2276, 2310, 2319, 2334, 2406, 2418, 2423, 2425, 2435, 2454, 2497, 2520, 2585, 2649, 2672, 2689, 2706, 2775, 2820, 2836, 2960, 2967, 3015, 3033, 3053, 3099, 3121, 3132-3133, 3246, 3327-3328, 3390, 3406, 3411, 3419, 3448, 3453, 3458-3459, 3502, 3505, 3515, 3522, 3597, 3604, 3620, 3632, 3655, 3705, 3799, 3817, 3822, 3841, 3903, 3943, 3960, 4002, 4009, 4195, 4254, 4263, 4320, 4365, 4388, 4402, 4426, 4458, 4464, 4496, 4519, 4521, 4527, 4557, 4564, 4596, 4629, 4635, 4690, 4732, 4784, 4790, 4895, 4934, 4950, 4952, 4964, 4968, 5007, 5017, 5035, 5041, 5221, 5237, 5245, 5302, 5348, 5374-5375, 5410, 5426, 5431, 5437, 5473, 5497, 5517, 5523, 5543, 5825, 5838, 5654-5655, 5662, 5682, 5712, 5727, 5742, 5744, 5784, 5843, 5859, 5900, 5908, 5936, 5942, 6052-6053, 6058, 6096, 6113, 6122, 6179, 6182, 6206-6207, 6217, 6226, 6271, 6276, 6400, 6477, 6507, 6560, 6637, 6644, 6704-6705, 6715, 6757, 6763, 6773, 6811, 6840, 6851, 6870, 6896, 6944, 6947, 6995, 7067, 7077-7078, 7082, 7091, 7144
- BLOOD CELLS: 95, 701, 775, 863, 913, 933, 1434, 1595, 2027, 2045, 2314, 2332, 3781, 3822, 3882, 4102, 4116, 4755, 5042, 5237, 5245, 5560, 5812, 5953, 6042, 6052, 6094, 6184, 6389, 6705, 6715, 7134, 7274
- BLOOD CHEMICAL ANALYSIS: 133, 601, 798-799, 913, 1118-1119, 1800, 1847, 2314, 2763, 3147, 3309, 3781, 4351, 4790, 5196, 5258, 5280, 5375, 5784, 5883, 6253, 6479, 6961, 6975
- BLOOD CIRCULATION: 345, 363, 529, 594-595, 638, 719, 874, 877, 931, 1093, 1388, 1442, 1516, 2010, 2020, 2194, 3254, 3558, 3592, 3661, 3825, 4079, 4346, 4470, 4563, 4618, 5242, 5342, 5497, 5613, 5685, 5682, 6371, 6606, 6716, 6718, 6768, 6875, 7094, 7162
- BLOOD CIRCULATION TIME: 931, 1361, 1475, 3543, 4136, 5008
- BLOOD COAGULATION: 7, 27, 50, 55, 77, 81, 89, 109, 114, 129, 136, 180, 185, 209, 211, 237, 246, 257, 268, 275-277, 308, 330, 332-333, 354, 374, 394, 397, 433, 444, 448, 461, 471, 478, 500, 519-520, 557, 560, 562, 568, 598, 601, 650-651, 697, 708, 717, 724, 734-735, 737, 745, 759, 764, 819, 828, 834, 836, 871-872, 890, 903, 913, 932, 940, 943, 980-981, 1005, 1018, 1026, 1039, 1077, 1090, 1093, 1107, 1118, 1120, 1123, 1142, 1149-1150, 1156, 1190, 1199, 1213, 1241, 1244-1245, 1270-1271, 1278, 1310, 1337, 1363, 1382-1383, 1388, 1409-1410, 1413-1414, 1443, 1453, 1470, 1500, 1516, 1572, 1575, 1580-1581, 1586, 1604, 1608, 1620, 1644, 1655-1656, 1662, 1669, 1688, 1693, 1709, 1719, 1725, 1743, 1745, 1749, 1771, 1777-1778, 1787, 1829, 1852, 1874, 1944, 1967, 1979, 1987, 1990, 2002, 2027, 2032, 2046, 2056, 2059, 2061, 2075, 2083, 2106, 2108-2109, 2111, 2120, 2124-2128, 2133, 2143, 2153-2154, 2158, 2166, 2185, 2212, 2249, 2254, 2256, 2264, 2266, 2286, 2340, 2352, 2361, 2419, 2434, 2447, 2452-2454, 2472, 2504, 2531, 2553, 2567-2568, 2608, 2613-2614, 2650, 2691, 2719, 2749, 2781, 2784, 2790, 2806, 2820, 2824, 2829-2830, 2845, 2854, 2856, 2878, 2883, 2903, 2949, 2955, 3018, 3043, 3052, 3072, 3108, 3111-3112, 3159-3161, 3166, 3186-3189, 3225, 3235, 3246, 3254, 3276-3278, 3290, 3296, 3300, 3335, 3338, 3340, 3359, 3366-3367, 3369, 3384, 3416, 3424-3425, 3430-3434, 3440-3442, 3444, 3469, 3475, 3487, 3511-3512, 3522, 3558, 3590, 3645, 3647, 3649, 3652, 3654, 3661, 3719-3721, 3744, 3747, 3795, 3817, 3825, 3828, 3830, 3832, 3838, 3841, 3848, 3865, 3887, 3890, 3914, 3919, 3922, 3958-3959, 3966, 3971, 3980, 3997, 4014-4015, 4033-4034, 4065, 4070, 4094, 4099-4100, 4129-4130, 4141, 4198, 4209, 4213, 4223, 4241, 4246-4247, 4279-4282, 4303, 4319, 4325, 4327, 4331, 4346, 4388, 4394-4396, 4398, 4432, 4449, 4462-4463, 4470, 4500, 4514, 4520, 4544, 4546, 4560-4561, 4579-4584, 4587, 4597, 4600, 4603, 4629-4633, 4653, 4679, 4681-4682, 4702, 4718, 4730, 4736, 4756, 4771, 4777, 4787, 4795, 4826, 4828, 4856, 4863, 4867, 4869, 4885, 4895, 4899, 4904, 4908-4909, 4933, 4940, 4949, 4975, 5008, 5010, 5013, 5015, 5063, 5065, 5071, 5083, 5100, 5115, 5118, 5164, 5176, 5179, 5190-5192, 5208, 5213, 5229, 5244-5245, 5253, 5259-5260, 5280, 5321, 5337-5338, 5349, 5359, 5399, 5427, 5458, 5489, 5494, 5500-5501, 5505-5507, 5523, 5531, 5542, 5548, 5564, 5570, 5574, 5583, 5587, 5597, 5599, 5613, 5622, 5627, 5638, 5644, 5672, 5682, 5687, 5703, 5727, 5737, 5756, 5775-5776, 5795, 5803-5804, 5822, 5832, 5836, 5851, 5865, 5886, 5889, 5893, 5898, 5912, 5936-5937, 5950, 5957, 5964, 5981, 5985, 5989, 5992, 5996, 6005, 6009, 6016-6017, 6042, 6044, 6046, 6065, 6067-6068, 6102, 6122, 6129, 6133, 6204, 6217, 6230, 6232, 6235, 6260, 6264, 6285, 6311-6313, 6332, 6344, 6364-6365, 6380, 6392, 6398, 6406, 6424-6425, 6429, 6452, 6458, 6466, 6488, 6498, 6501, 6507, 6509, 6511, 6539, 6586, 6601-6602, 6606, 6615, 6636, 6641, 6654-6655, 6662-6663, 6687, 6711, 6731, 6740, 6742, 6759, 6773, 6775, 6780-6781, 6790, 6792, 6811, 6840, 6849, 6861, 6864, 6866, 6893-6894, 6897, 6903, 6916, 6924, 6930, 6935, 7012, 7021-7022, 7059, 7064, 7076-7078, 7080, 7086-7087, 7091, 7115-7116, 7118, 7131, 7134, 7144, 7147-7149, 7151, 7161, 7164, 7172, 7174-7175, 7186, 7198, 7200
- BLOOD COAGULATION DISORDERS: 1, 16, 54, 67, 84, 86-87, 133, 156, 166, 182, 221-222, 247, 258, 288, 305-306, 308, 311, 316, 323, 351, 380, 411, 419, 446, 452, 479, 489, 498, 510, 537, 541, 554-555, 558, 561, 580, 582, 588, 598, 614, 618, 621, 624-625, 627, 631, 649, 670, 673, 695, 716, 715, 751, 763, 803, 809, 816, 835, 876, 881, 884, 905, 917, 922, 939, 941, 943, 949, 959-960, 970, 988, 1047, 1052, 1074, 1106, 1123, 1125, 1136, 1156, 1158, 1181-1182, 1188, 1191, 1195, 1205, 1293, 1306, 1324, 1326, 1339, 1344, 1359, 1372, 1401, 1407, 1410, 1423, 1425, 1491, 1494, 1503, 1519, 1529, 1542, 1572, 1583, 1606, 1609-1611, 1637, 1639, 1708, 1742, 1760, 1766, 1785, 1803, 1810, 1819, 1821, 1825, 1828, 1842, 1844, 1850, 1875, 1886, 1945, 1968, 1980, 1993, 2005, 2009-2010, 2018, 2020, 2091, 2094, 2096-2098, 2119, 2143-2144, 2166, 2193, 2208, 2212, 2214, 2245, 2249, 2263, 2281, 2294, 2334, 2365, 2391, 2410-2412, 2427, 2448, 2451, 2460, 2463, 2492, 2503, 2528, 2558-2560, 2580, 2584, 2586, 2613-2614, 2625, 2651, 2669-2670, 2689, 2767, 2773, 2869, 2905, 2923, 2938, 2990, 3012, 3017, 3068, 3107-3108, 3110, 3149, 3158, 3198, 3206, 3214, 3224, 3299-3300, 3364, 3368, 3394, 3445, 3448, 3466-3467, 3505, 3508, 3532, 3555-3556, 3558, 3589, 3598, 3604, 3613, 3615, 3634, 3705, 3726, 3729, 3735, 3749, 3756, 3783, 3786, 3803, 3814, 3830, 3856, 3880, 3883-3886, 3897, 3915, 3929, 3939, 3943, 3976, 3980, 3985, 4002, 4005, 4008, 4062, 4090, 4099, 4104, 4123, 4131, 4135, 4184, 4187, 4206, 4211, 4213, 4221, 4229, 4232, 4245, 4254, 4288, 4302, 4318, 4321, 4332, 4372, 4399, 4411, 4418, 4420, 4430, 4436-4437, 4450, 4453, 4499, 4501, 4523-4524, 4527-4528, 4534, 4550, 4556, 4585, 4604-4605, 4634, 4685, 4703, 4725, 4728, 4746, 4791, 4807, 4820, 4825-4826, 4841, 4866-4868, 4888-4889, 4915, 4967-4969, 4972, 4974, 4997, 5004, 5014, 5024, 5043, 5049, 5061, 5075, 5085, 5123, 5134, 5138, 5150, 5195, 5205, 5212, 5214, 5242, 5248, 5258, 5267-5268, 5271, 5284, 5306, 5320, 5331, 5339, 5365, 5374, 5392, 5425, 5452, 5473, 5480, 5482, 5571, 5584-5585, 5600, 5622, 5628, 5738, 5744, 5760, 5763, 5767, 5775, 5797, 5862, 5865, 5893, 5911, 5927, 5933, 5952, 5959, 5965, 5983-5984, 5988, 5990, 6046, 6048, 6055, 6089, 6107, 6113, 6117, 6122, 6125, 6137, 6180, 6214-6215, 6218, 6235, 6264, 6276, 6281, 6371, 6376, 6406, 6414, 6425, 6427, 6431, 6445, 6456, 6486, 6506, 6508, 6514, 6532, 6587-6588, 6593-6594, 6612, 6622, 6655, 6659, 6692, 6711-6712, 6723, 6751, 6800, 6810-6811, 6814, 6826, 6840, 6895, 6925, 6942, 6959, 7023, 7025, 7042, 7144, 7164, 7189-7190, 7193, 7227, 7232, 7238, 7247, 7254, 7258, 7265, 7278
- BLOOD COAGULATION FACTORS: 17, 23, 63,



# SUBJECT INDEX

178, 209, 242, 246-247, 257-258, 282, 288, 307,  
333, 351, 412, 446, 478, 498, 519, 541, 618, 653,  
689, 698, 708, 752, 759, 774, 803, 828, 943, 965,  
1028, 1050, 1052, 1125, 1156, 1181-1182, 1275,  
1372, 1410, 1414, 1471, 1521, 1547, 1688, 1692,  
1810, 1819, 1821, 1856, 1938, 1967, 1979-1980,  
2000, 2032, 2075, 2091, 2108, 2111, 2132, 2151,  
2153, 2208, 2214, 2220, 2251, 2280, 2410,  
2453-2454, 2459, 2463, 2536-2537, 2563, 2582,  
2613-2614, 2662, 2689, 2820, 2830, 2883, 2944,  
3011, 3016, 3064, 3092, 3111, 3121, 3160-3161,  
3196, 3296-3297, 3335, 3338, 3354, 3360, 3394,  
3424, 3434, 3448, 3466-3467, 3473, 3487, 3509,  
3555-3556, 3558, 3572, 3595, 3597, 3655, 3705,  
3747, 3815, 3817, 3884-3885, 3915-3916, 3943, 3959,  
4004, 4013, 4096, 4099, 4111, 4118, 4201,  
4220-4222, 4241, 4279, 4302, 4318, 4331, 4372,  
4436-4437, 4463, 4470, 4481, 4560, 4579-4583, 4586,  
4593, 4595, 4631, 4633, 4707, 4718, 4728, 4736,  
4750, 4787, 4789-4790, 4802, 4941, 4967-4968, 4974,  
5008, 5015, 5017, 5049, 5065, 5070, 5194, 5208,  
5224, 5231, 5252, 5267-5268, 5276, 5280, 5297-5298,  
5349, 5380, 5370-5371, 5428, 5430, 5452, 5473,  
5477, 5499, 5582-5583, 5625, 5626, 5676, 5683,  
5732, 5775-5776, 5796, 5850, 5862, 5871, 5898,  
5927, 5948, 5951, 5965, 6004, 6028, 6094, 6103,  
6113, 6122, 6143, 6217, 6232, 6264, 6271, 6311,  
6363, 6400, 6422, 6425, 6427, 6484, 6486,  
6586-6587, 6594, 6663-6664, 6686, 6713, 6723, 6739,  
6773, 6781, 6864, 6878-6879, 6896, 7134, 7147,  
7174, 7193, 7256, 7270, 7274

**BLOOD COAGULATION TESTS:** 7, 10, 16-17, 23,  
55-56, 69, 74, 81, 84, 108-109, 125, 134-136, 159,  
194, 209, 211, 221-222, 232, 238-239, 242, 246-247,  
258, 270, 275, 282, 288, 308, 311, 346, 350, 355,  
374, 379, 394, 399-401, 412, 441, 445, 452, 461,  
476, 482, 534, 549, 553, 558, 570-571, 586-587,  
610, 618, 628, 649-651, 665, 685, 695-696, 698,  
708, 718, 734-735, 745, 759, 763-764, 780, 798-799,  
819, 866, 881, 884, 886, 890, 906, 913, 922, 949,  
961, 964, 970, 981, 1028, 1030, 1032, 1039,  
1046-1047, 1063, 1099, 1106, 1123, 1131, 1134,  
1149, 1156, 1158, 1177, 1181, 1188, 1192, 1205,  
1223, 1301, 1303, 1359, 1369, 1390, 1410, 1414,  
1423, 1453, 1472, 1490, 1519, 1532, 1553, 1590,  
1596, 1608, 1611, 1620, 1622, 1635-1636, 1639,  
1662, 1693, 1724, 1742-1743, 1760, 1782, 1786,  
1771-1772, 1774, 1777-1778, 1786-1787, 1800, 1810,  
1822-1823, 1826, 1842, 1852, 1874, 1886, 1926,  
1938, 1945, 1948, 1954, 1964, 1968, 1997, 2000,  
2032, 2034, 2059, 2072, 2075, 2091-2092, 2119,  
2124-2126, 2128, 2132, 2144, 2158, 2168, 2185,  
2208, 2213-2214, 2216, 2239, 2245, 2249, 2264,  
2266, 2304, 2310, 2325, 2334, 2361, 2391, 2410,  
2417, 2431, 2458-2459, 2472, 2482, 2492, 2503-2504,  
2511, 2513, 2584, 2605, 2607-2608, 2613-2614, 2658,  
2670-2671, 2675, 2679, 2689-2691, 2733, 2761-2762,  
2774, 2781, 2799, 2807, 2809, 2820, 2830, 2858,  
2858, 2870, 2883, 2938, 2968, 3011-3012, 3016,  
3043, 3065, 3082, 3091, 3097, 3110, 3141, 3156,  
3160, 3219, 3224, 3233, 3235, 3259, 3267, 3276,  
3278, 3296-3299, 3318-3319, 3321, 3360, 3369, 3384,  
3415, 3430, 3433, 3440-3441, 3448, 3487-3488, 3499,  
3508-3509, 3511, 3522, 3563, 3571, 3591, 3597-3598,  
3642-3643, 3655, 3691, 3705, 3719, 3721, 3747,  
3749, 3756, 3761, 3773, 3786, 3828, 3830, 3864,  
3886, 3896, 3904, 3940-3941, 3943, 3976, 3978-3979,  
3985, 4004, 4059, 4062, 4118, 4130-4131, 4135,  
4155, 4178, 4187, 4189, 4201, 4220, 4229, 4236,  
4238, 4245, 4247, 4254, 4256, 4280-4282, 4331,  
4372, 4411, 4423, 4432, 4436, 4438, 4445, 4463,  
4477, 4498  
4499, 4502, 4523-4524, 4528, 4534, 4536, 4582,  
4586, 4602, 4604, 4633-4634, 4638, 4654, 4669,  
4680, 4682, 4693-4694, 4728, 4730, 4757, 4770,  
4777, 4825, 4847, 4863, 4865, 4873, 4886, 4889,  
4929, 4933, 4941, 4967-4969, 4972, 5016-5017, 5032,  
5049, 5082, 5089, 5075, 5084-5086, 5115, 5118,  
5131, 5134-5135, 5138, 5149, 5159, 5167, 5179,  
5189, 5194-5195, 5198-5200, 5208, 5212, 5214, 5221,  
5228-5229, 5232, 5253, 5258, 5268, 5271-5272,  
5279-5280, 5293, 5320, 5348-5349, 5360, 5373, 5375,  
5411, 5438, 5454, 5458, 5473, 5488, 5500, 5503,  
5523, 5562, 5589, 5571, 5582-5583, 5600, 5626,  
5628, 5644, 5663, 5682-5683, 5688, 5740, 5744,  
5754, 5756, 5777, 5784, 5795, 5800, 5823, 5838,  
5847-5848, 5850, 5852, 5857, 5871, 5873, 5891,  
5909, 5920-5921, 5949, 5951, 5985, 5987-5988, 6047,  
6055, 6064, 6096, 6113, 6122, 6179, 6182, 6219,  
6276, 6294, 6344, 6360, 6375-6376, 6398, 6400,  
6425, 6456, 6458, 6474, 6480, 6484, 6486,  
6506-6507, 6515, 6532, 6585, 6587, 6598, 6600,  
6602, 6641-6642, 6659, 6668, 6676, 6678, 6686,  
6713, 6745-6746, 6757, 6780, 6840, 6860, 6870,  
6895, 6897, 6904, 6924, 6981, 6992, 7025, 7058,  
7065, 7077-7078, 7095, 7107, 7123, 7125, 7131,  
7147-7149, 7193, 7198, 7200

**BLOOD DONORS:** 79, 117, 317, 1109, 1432, 1801,  
2062, 2181, 2270, 2314, 2467, 2643, 2731, 2778,  
3150-3151, 4111, 5148, 5180, 5435, 5709, 5822,  
6063, 6116, 6224, 6236, 6488, 6660, 6763, 7067,  
7113, 7209

**BLOOD FLOW VELOCITY:** 288, 299, 362-363, 421,  
457, 594-595, 638, 784, 1004-1005, 1164, 1347,  
1382, 1424, 1460, 1646, 1910, 1947, 2010, 2178,  
2194, 2252, 2265, 2336, 2358, 2410, 2412-2413,  
2551, 2666, 2689, 2880, 3289, 3469, 3689, 3795,  
3984, 4190, 4263, 4442, 4559, 4660, 4722, 4727,  
4756, 4776, 5110, 5286, 5334, 5421, 5544, 5576,  
5672, 5936, 6450, 6515, 6574, 6728, 6944, 7162

**BLOOD GAS ANALYSIS:** 653, 710, 724, 773, 1199,  
1317, 3851, 4498, 6260, 7042

**BLOOD GROUP INCOMPATIBILITY:** 26, 184, 314,  
409, 863, 879, 972, 1352, 1531, 1819, 2674, 3447,  
3960, 4059, 4418, 5648, 5787, 6300, 6604, 7185

**BLOOD GROUPS:** 110, 609, 700, 899-901, 1109,  
1226, 1247, 1269, 1285, 1298, 1313, 1443, 1848,  
1958, 2299, 2383, 2586, 2674, 3135, 3439, 3478,  
3534, 3728, 3933, 3935, 3938, 4037, 4695, 4895,  
5569, 5843, 6028, 6125, 6142, 6280, 6289, 6444,  
6461, 6489, 6580, 6593, 6598, 6912-6913, 7067,  
7207

**BLOOD PLATELET DISORDERS:** 26, 87, 124, 184,  
305, 355, 380, 412, 479, 498, 535, 572, 579, 614,  
639-640, 642-643, 696, 702, 802, 884-886, 893, 923,  
1078, 1106, 1156, 1170, 1256, 1358, 1404, 1552,  
1575, 1583, 1745, 1782, 1956, 2009, 2077, 2214,  
2268, 2273, 2310, 2416, 2423, 2636, 2728, 2730,  
2807, 2905, 2948, 3017, 3119, 3345, 3356, 3415,  
3423-3424, 3448, 3538, 3576, 3597, 3722, 3726,  
4120, 4134, 4232, 4277, 4318, 4402, 4505, 4569,  
4586, 4604, 4696, 4865-4866, 4887-4889, 4920, 4929,  
4951, 4969, 4972, 5002, 5097, 5138, 5159, 5166,  
5238, 5242, 5425, 5521, 5610, 5628, 5671, 5757,  
6214, 6276, 6284, 6456, 6594, 6678, 6773, 6895,  
6897, 6908, 6951, 7221, 7226, 7228

**BLOOD PLATELETS:** 11, 16, 23-24, 26, 35-36, 41,  
47, 50, 73, 114, 126, 141, 149, 162-164, 184, 186,  
190-191, 208-209, 238-239, 242-243, 246-247, 259,  
269, 282, 286, 293, 310, 321, 332-333, 337,  
342-343, 358, 368-369, 383, 397, 412, 421, 424-425,  
436, 446, 459-461, 466, 469, 478-479, 482, 485,  
487, 502, 511, 520, 529-530, 549, 578-579, 583,  
598, 624, 628, 639-643, 649-651, 661, 679-680,  
697-699, 701, 710, 730, 733, 763, 768, 775, 800,  
804, 811, 824, 837, 847, 863, 869-872, 874, 885,  
893, 913, 921, 933, 961, 965, 967, 982, 991, 996,  
1000, 1007, 1019-1020, 1055, 1067-1068, 1079, 1083,  
1088, 1107, 1109-1112, 1114-1115, 1128-1130, 1145,  
1147, 1151-1152, 1156, 1170, 1205, 1207, 1220,  
1225, 1263, 1269, 1280-1283, 1285, 1294, 1298,  
1308, 1314-1315, 1320, 1329, 1337-1338, 1347, 1361,  
1382, 1394, 1410, 1417, 1423-1424, 1434, 1437,  
1465, 1473-1474, 1493, 1522, 1531-1532, 1543, 1545,  
1549, 1557, 1572, 1575, 1581, 1586, 1589,  
1593-1595, 1604-1605, 1608-1609, 1613, 1619, 1638,  
1644-1645, 1654, 1661-1662, 1665-1666, 1705,  
1708-1709, 1717, 1742-1746, 1790, 1811, 1822, 1826,  
1844, 1846, 1859, 1870, 1877, 1884, 1888, 1902,  
1910, 1929, 1931, 1949, 1953, 1956, 1980, 2004,  
2008-2009, 2016-2017, 2027, 2068, 2079, 2138, 2143,  
2181, 2187, 2206, 2237, 2252, 2254, 2258, 2262,  
2266-2268, 2273, 2276, 2283, 2285, 2291-2292, 2301,  
2304, 2310, 2327, 2334, 2346, 2371, 2383-2384,  
2398, 2406, 2409, 2411, 2418, 2423-2425, 2435,  
2453, 2464, 2495, 2497, 2503, 2519-2520, 2539-2542,  
2549-2550, 2620, 2631, 2635-2636, 2649, 2659-2662,  
2670, 2672, 2689, 2697-2698, 2701-2702, 2719-2720,  
2730-2731, 2746, 2749, 2753, 2761-2762, 2806-2807,  
2809, 2816-2817, 2820-2821, 2824, 2836, 2853, 2862,  
2882-2884, 2894, 2926, 2933, 2943, 2949-2951, 2967,  
2969-2970, 2992, 3003, 3015, 3017, 3028, 3033,  
3039-3040, 3053, 3068-3067, 3071, 3092, 3105, 3110,  
3119, 3121, 3132-3133, 3136, 3170, 3181, 3200,  
3219, 3234, 3236-3238, 3246, 3253, 3258, 3295-3296,  
3299, 3305, 3321, 3327-3328, 3333, 3345,  
3346, 3356-3357, 3369, 3390, 3398, 3406, 3423-3424,  
3453, 3457-3459, 3471-3472, 3474, 3480, 3496, 3499,  
3502, 3505, 3522, 3537, 3547, 3558, 3590, 3597,  
3614-3615, 3632, 3646, 3657, 3705, 3712, 3714,  
3720-3722, 3744, 3747, 3769, 3778, 3793, 3799,  
3804, 3817, 3822, 3828-3829, 3831-3833, 3841-3842,  
3849, 3882, 3885, 3887, 3903, 3914, 3916, 3918,  
3932-3938, 3960, 3977, 3998, 4002, 4009, 4019-4020,  
4024, 4032-4033, 4050, 4058, 4070, 4073, 4099,  
4101, 4113, 4116, 4128, 4133-4135, 4148-4150, 4152,  
4195, 4198, 4201, 4222, 4238, 4254, 4263, 4283,  
4292, 4341, 4354, 4365-4366, 4371-4372, 4380-4381,  
4393, 4401, 4419, 4423, 4426, 4451-4452, 4454-4456,  
4458, 4464, 4470-4471, 4485-4486, 4505, 4513, 4519,  
4521, 4527, 4557, 4563-4564, 4579-4581, 4586,  
4591-4592, 4596, 4627, 4631, 4635, 4645, 4647,  
4674, 4681-4682, 4686, 4690, 4694, 4719, 4728,  
4731-4732, 4734, 4742, 4765, 4780, 4784, 4790,  
4795, 4830, 4848, 4853, 4863, 4902, 4917-4918,  
4922, 4929, 4933-4934, 4950-4952, 4955-4956, 4964,  
4968, 4973-4974, 4977-4978, 4982, 4995, 5017, 5020,  
5027, 5029, 5034, 5041-5042, 5045-5047, 5055, 5060,  
5088, 5097, 5110, 5115, 5131-5133, 5138, 5155-5156,  
5159, 5167, 5170, 5176, 5185, 5206, 5221-5222,  
5229, 5238, 5245, 5267, 5288, 5298, 5302,  
5337-5339, 5343, 5347-5348, 5374, 5400, 5402, 5410,  
5414-5415, 5426, 5431, 5437, 5442-5444, 5470, 5473,  
5497, 5507, 5511, 5517-5520, 5523, 5542-5543,  
5545-5546, 5560, 5565, 5571-5572, 5582, 5595,  
5597-5599, 5613, 5625, 5654-5655, 5661, 5663,  
5665-5666, 5682, 5712, 5741-5744, 5755, 5769-5770,  
5790, 5812-5813, 5843, 5859, 5868, 5898-5900, 5908,  
5917, 5933, 5938-5937, 5942, 5974-5975, 5977, 5994,  
5999, 6003, 6017, 6019, 6028, 6052-6053, 6056-6058,  
6067, 6070, 6077, 6082, 6084, 6088, 6090,  
6096-6097, 6113-6115, 6122, 6124, 6130, 6136, 6142,  
6149-6150, 6153, 6168, 6179, 6182-6184, 6187, 6196,  
6200-6201, 6206, 6208, 6210-6212, 6214, 6217, 6226,  
6238, 6240, 6250, 6271, 6276, 6285-6289, 6297,  
6307-6309, 6342, 6389, 6396, 6399,  
6399-6400, 6417, 6422, 6424, 6444, 6451, 6456,  
6459, 6470, 6477, 6486, 6488, 6494, 6502, 6507,  
6523-6524, 6531, 6534, 6540, 6555, 6560, 6586,  
6597, 6606-6607, 6625, 6642, 6644, 6705, 6717,  
6746, 6763, 6773, 6775, 6785, 6810-6811, 6838,  
6840, 6851, 6856, 6864-6866, 6880, 6887, 6894-6897,  
6914, 6930-6934, 6944, 6947, 6971, 6974, 6995,  
7005, 7015, 7021, 7039, 7056, 7063-7065, 7067,  
7072, 7075, 7077-7078, 7082, 7091, 7111, 7133-7134,  
7144, 7153, 7158, 7165-7166, 7181, 7185, 7188,  
7191, 7196-7198, 7236-7237

**BLOOD PRESERVATION:** 36, 79, 117, 123, 148,  
188, 208, 217, 317, 409, 417, 419, 506, 519,  
608-609, 757, 774, 794, 826, 831, 839, 854,  
900-901, 929-930, 1054, 1062, 1073, 1089, 1098,  
1112, 1121, 1155, 1258, 1277, 1290, 1295, 1312,  
1317-1318, 1355, 1383-1384, 1398-1399, 1467-1469,  
1535, 1539, 1544, 1581, 1643, 1735, 1765,  
1792-1793, 1801-1802, 1954, 2051, 2109, 2160-2162,  
2230-2231, 2237, 2270, 2306, 2314, 2407, 2604,  
2629, 2642-2643, 2654, 2680, 2778, 2859, 2869,  
2883, 2885-2886, 3000, 3070, 3072, 3105, 3147,  
3150-3151, 3157, 3168, 3195, 3226, 3373, 3377,  
3381, 3404, 3446-3447, 3477, 3497, 3531, 3534,  
3687, 3723, 3839, 3866, 3903, 3906, 3964, 3970,  
3990, 3994, 4071, 4108, 4146, 4248, 4256, 4291,  
4394-4395, 4400, 4422, 4458, 4492, 4536, 4563,  
4686-4688, 4695, 4731, 4775, 4788, 4797, 4838,  
4974, 5023, 5089, 5095-5096, 5162, 5180, 5186,  
5210, 5220, 5273, 5323, 5360, 5371, 5435-5436,  
5497, 5514, 5516, 5526, 5589, 5648, 5679, 5736,  
5758, 5789, 5791, 5850, 5859, 5879-5883,  
5900, 6028, 6142, 6159, 6175, 6201, 6222-6224,  
6236-6237, 6258, 6265, 6267-6269, 6278, 6287, 6293,  
6320, 6324, 6377, 6403, 6505, 6584, 6589, 6598,  
6624, 6633-6634, 6660, 6702, 6713, 6725-6726,  
6739-6740, 6763, 6861, 6871, 6879-6881, 6911, 6913,  
6919, 6948, 6978, 7040, 7152, 7204, 7209, 7231

**BLOOD PRESSURE:** 14, 345, 363, 367, 391, 457,  
534, 537, 694, 726, 784, 858, 9



# SUBJECT INDEX

- 2413, 3331, 3400, 3458, 3702, 5750, 5761, 6816, 7042
- BLOOD PROTEIN DISORDERS:** 673, 804, 907, 918, 1106, 1145, 1344, 1467, 1540, 1568, 1685, 1745, 1748, 1814, 3120, 3303, 3411, 3679, 3684, 3897, 3946-3947, 4112, 4154, 4363, 4887-4889, 4954, 4968, 5123, 5205, 5227, 5275, 5366, 5391, 6374, 6787, 6863, 6978, 7123, 7167, 7239
- BLOOD PROTEIN ELECTROPHORESIS:** 29-30, 119, 126, 147, 154, 217, 230, 273, 415, 422, 603, 700, 769, 777, 842, 862, 875, 903, 918, 1011, 1109, 1113, 1145, 1260, 1289, 1406, 1444, 1495, 1568, 1592, 1632, 1692, 1726, 1731, 1985, 1987, 2038, 2118, 2120, 2256, 2401, 2469, 2498, 2611, 2753, 2828, 2924, 3063, 3120, 3163, 3303, 3411, 3456, 3683-3684, 3762, 3791, 3891-3892, 4000, 4004, 4111-4112, 4221, 4272, 4304, 4363, 4414, 4692, 4838, 4968, 5053, 5262, 5324, 5346, 5470, 5824, 5891, 6042, 6064, 6170, 6471, 6479, 6495, 6504, 6510-6511, 6652, 6684, 6803, 6841, 6861, 6879, 6978, 6992, 7123, 7146, 7159
- BLOOD PROTEINS:** 52, 121, 230, 263, 269, 273, 346, 388, 402, 422, 463, 502, 511, 591, 604, 619, 647, 700, 738, 803, 811, 875, 907, 928, 1016, 1042, 1044, 1064, 1107, 1109, 1113, 1151-1152, 1162, 1166, 1205, 1213, 1245, 1320, 1542-1543, 1556, 1626, 1632-1634, 1685, 1726, 1744, 1750, 1830, 1897, 1917, 1959, 2064, 2073, 2087, 2183, 2252, 2426, 2491, 2737, 2763, 2771, 2776, 2971, 2976, 3147, 3184, 3404, 3413, 3456, 3524, 3534, 3572, 3585, 3637, 3639, 3649, 3653, 3655, 3709, 3719, 3740, 3831, 3882, 3888, 3892-3893, 3916, 3920, 4004, 4053, 4111, 4136, 4169-4173, 4250, 4269, 4304, 4317, 4351, 4362-4363, 4405, 4485, 4491-4492, 4511, 4627, 4656, 4712, 4790, 4885-4886, 4895, 4897, 4916, 4954, 5071, 5083, 5165, 5202, 5237, 5245, 5275, 5285, 5324, 5355, 5421, 5423, 5430, 5465, 5470, 5517, 5569, 5621, 5751, 5857, 5898, 5930, 5953, 6042, 6058, 6097, 6149, 6156, 6187, 6306, 6494, 6505, 6551, 6576, 6625, 6638, 6671, 6775-6776, 6779, 6790, 6803, 6812, 6829, 6841, 6861, 6879, 6903, 6908, 6967, 7027, 7098, 7101, 7146, 7168, 7209, 7247
- BLOOD SEDIMENTATION:** 15, 30, 119, 135, 146-147, 188, 451, 520, 769, 776, 798-799, 933, 1121, 1151, 1382, 1618-1619, 1645, 1665, 1700, 2188, 2252, 2276, 2763, 2850, 2960, 3381, 3413, 3469, 3539, 3740, 3801, 4363, 4388, 4703, 4712, 4790, 4805, 4926-4927, 4946, 4957, 5055, 5086, 5227, 5273, 5275, 5324, 5404, 5669, 6159, 6624, 6757, 7012, 7113, 7159, 7168
- BLOOD SPECIMEN COLLECTION:** 79, 323, 350, 369, 929, 1043-1044, 1073, 1098, 1539, 1639, 2125-2126, 2275-2276, 3425, 4422, 5055, 5095, 5515, 5881, 6531, 6585, 7012
- BLOOD SUGAR:** 82, 105, 148, 255, 387, 398, 502, 533, 591, 645, 772, 799, 942, 1080, 1176, 1210, 1344, 1402, 1592, 1619, 1843, 1946, 2206, 2456, 2510, 2784, 2848, 2960, 3071, 3333, 3583, 3628, 4004, 4133, 4388, 4508, 4698, 4790, 4833, 5187, 5203, 5219, 5226, 5375, 5712, 5835, 5917, 6505, 6546, 6665, 6673-6674, 6686, 6905, 6937, 6972, 7194
- BLOOD TRANSFUSION:** 16-17, 26, 36, 74, 79, 111, 117, 123, 213, 314, 355, 409, 419, 478, 497, 533, 539, 549, 583, 616, 689, 694-695, 710, 774, 791, 803, 816, 828, 831, 839, 848, 862-863, 879, 949, 972, 1007, 1039, 1067-1068, 1101, 1120, 1158, 1170, 1213, 1215, 1245, 1256, 1258, 1263, 1277, 1295, 1312, 1352, 1355, 1423, 1432, 1467, 1531, 1557, 1593, 1620, 1705, 1723, 1735, 1765, 1772, 1774, 1793, 1801-1802, 1850, 1954, 1958, 2018, 2020, 2051, 2055, 2077, 2094, 2109, 2146, 2247, 2270, 2283, 2295, 2306, 2334, 2401, 2410, 2412, 2431, 2470, 2488, 2494, 2604, 2615, 2637, 2642, 2674, 2733, 2854, 2886, 2926, 2947, 2955, 2959, 2990, 3004, 3043, 3072, 3091, 3105, 3150-3151, 3157, 3178, 3226, 3298, 3381, 3406, 3415, 3457, 3478, 3484, 3507, 3531, 3560, 3562, 3646, 3687, 3845, 3884, 3897, 3903, 3929, 3933, 3990, 3994, 4036, 4059, 4104, 4107, 4111, 4130-4131, 4155, 4159, 4220, 4320, 4380, 4394-4395, 4400, 4405, 4407, 4418, 4440, 4458, 4471, 4563, 4577, 4584, 4599, 4737, 4788, 4925, 4929, 4938, 4974, 4999, 5126, 5174, 5204, 5242, 5331, 5342, 5370-5371, 5383, 5394, 5398, 5414, 5430, 5435-5436, 5453, 5460, 5497, 5503, 5514-5516, 5571, 5589, 5679, 5709, 5763, 5778, 5789, 5791, 5843, 5850-5851, 5857, 5879-5883, 5908, 5940, 5946, 6028, 6061-6063, 6088, 6107, 6121, 6125, 6142, 6153, 6175, 6187, 6208, 6219, 6223, 6225, 6236-6237, 6258, 6264, 6266-6268, 6278, 6328, 6349, 6371, 6377, 6413, 6426, 6442, 6468, 6476, 6489, 6494, 6515, 6552, 6593, 6595, 6604, 6633-6634, 6670, 6686, 6698, 6702-6703, 6726, 6780, 6816, 6861, 6869, 6871, 6880, 6908, 6947-6948, 6951, 6984, 6995, 7067, 7152, 7185, 7190, 7204, 7240, 7258, 7265, 7274
- BLOOD UREA NITROGEN:** 502, 682, 799, 991, 1199, 1443, 1897, 2451, 2948, 2960, 3077, 3799, 4012, 4090, 4790, 5375, 5727, 7189
- BLOOD VESSEL PROSTHESIS:** 435, 625, 632-634, 1781, 1995, 2345-2346, 2701, 3038, 4083, 4269, 4308, 4544, 4776, 6094, 6204, 6362, 6636, 7151
- BLOOD VESSELS:** 181, 272, 625, 719, 723, 731, 874, 1136, 1245, 1541, 1709, 1851, 1867, 1999, 2050, 2332, 2389, 2434, 2542, 2563, 2570, 2719, 2749, 2846, 2873, 2892, 3098, 3420, 3488, 3558, 3564, 3614, 3720, 3837, 3878, 4014, 4099, 4102, 4135, 4278, 4470, 4593, 4722, 4756, 4971, 5167, 5232, 5254, 5256, 5524, 5756, 5829, 6094, 6123-6124, 6363, 6372, 6383, 6407, 6524, 6728, 6797, 6878, 7021, 7162
- BLOOD VISCOSITY:** 30, 157, 188, 193, 299, 362-363, 391, 457, 507, 527, 568, 638, 709, 743, 766, 769, 874, 918, 931, 1004-1005, 1011, 1024, 1040-1044, 1162-1164, 1220, 1399, 1442-1443, 1453, 1460, 1475, 1493, 1566, 1618, 1700, 1788, 1834, 1944, 1947, 2073, 2079, 2087, 2118, 2172, 2194, 2232-2233, 2265, 2336, 2358, 2413, 2426, 2429, 2441, 2494, 2597, 2666, 2763, 2849-2850, 2880, 2901, 3018, 3071, 3322, 3393, 3404, 3411, 3535, 3539, 3689, 3740-3741, 3892-3893, 3895, 4004, 4079, 4112, 4138, 4332, 4414, 4440, 4446, 4612, 4660, 4722, 4725, 4727, 4938, 5205, 5275, 5334, 5421, 5451, 5466, 5691-5692, 5709, 5728, 5782, 5829, 5930, 6199, 6450, 6485, 6609, 6728, 6813, 6862, 6875, 6906, 7028, 7162-7163
- BLOOD VOLUME:** 495, 509, 601, 913, 1947, 2177, 2325, 2410, 2434, 2551, 3099, 3737, 3825, 3838, 3892, 3984, 4437, 4500, 4546, 5033, 5352, 5375, 5430, 5466, 5538, 5728, 5797, 5824, 6153, 6276, 6435, 6465, 6813, 6816, 7160, 7257
- BLOOD VOLUME DETERMINATION:** 757, 1151, 3356, 4135, 4668, 6188
- BLOODLETTING:** 3322, 4668, 7160
- BODY COMPOSITION:** 3766
- BODY CONSTITUTION:** 65, 5577
- BODY FLUIDS:** 1224, 1561, 2971, 3190, 3778, 4379, 5289, 5954, 6110, 6760
- BODY HEIGHT:** 2728, 4739, 5654
- BODY SURFACE AREA:** 5586, 6377
- BODY TEMPERATURE:** 751, 1238, 1372, 1619, 1947, 2073, 2325, 2418, 2429, 2434, 2454, 2499, 2711, 2868, 3146, 3164, 3469, 3707, 4725, 5334, 5544, 5727, 6928, 7162
- BODY TEMPERATURE REGULATION:** 99, 105, 107, 739, 1093, 2711
- BODY WEIGHT:** 71, 142, 225, 253, 477, 502, 1097, 1114, 1444, 1592, 1624, 1917, 2064, 2114, 2178, 2409, 2443, 2454, 2456, 2578, 2728, 2906, 3062, 3238, 3469, 3493, 3549, 3686, 3768, 3947, 4327, 4398, 4409, 4832, 4875, 5083, 5181, 5468, 5586, 5654, 5685-5686, 5712, 5727, 5761, 5840, 6241, 6347, 6359, 6449, 6638, 6645, 6885, 6972, 7019, 7270
- BONE AND BONES:** 161, 515, 771, 1584, 1650, 1962, 2050, 2709, 3135, 5171, 5356, 5490, 5591, 5750, 6619, 7061
- BONE CYST:** 359, 975, 2572, 3281, 6125, 6799
- BONE DEVELOPMENT:** 1650, 5171
- BONE DISEASES:** 754, 1569, 1962, 1966, 2477, 3292, 3294, 3330, 3343, 3492, 4277, 4507, 5356, 5361, 5527, 5554, 5750, 5824, 6291, 6303
- BONE DISEASES, DEVELOPMENTAL:** 6302
- BONE MARROW:** 267, 583, 824, 1244, 1522, 1552, 1846, 2027, 2045, 2268, 2542, 2599, 2618, 2714, 2853, 3309, 3406, 3459, 3515, 3799, 3871, 3918, 4557, 4673, 4698, 4845, 5511, 5610, 6088, 6207-6208, 6426, 6501, 6581, 6705, 6887, 7159, 7186, 7228
- BONE MARROW CELLS:** 33, 125, 454, 844, 1088, 1522, 1595, 2138, 2425, 2488, 3183, 3419, 3453, 3550, 3623, 3743, 3822, 4009, 4964, 5042, 5625, 5655, 6106, 6187, 6428, 6465, 6477, 7188
- BONE MARROW DISEASES:** 36, 287, 801, 1114, 1552, 3029, 3356, 3918, 4407, 4505, 4982, 6303, 6704, 6710, 6769, 6951, 6984, 6993, 7082, 7105, 7236
- BONE MARROW EXAMINATION:** 466, 468, 730, 760, 768, 824, 844, 1114, 1145, 1522, 1651, 1877, 2247, 2283, 2538, 2599, 2728, 2930, 3099, 3179, 3453, 3646, 3799, 3822, 4159, 4407, 4498, 4557, 4673, 4917, 4952, 5035, 5227, 5318, 5374, 5410, 5443, 5465, 5662, 6088, 6208, 6489, 6785, 6811, 7123
- BONE NEOPLASMS:** 630, 722, 975, 2572, 2601, 2618, 2981, 3059, 3179, 3281, 3310, 4253, 4277, 4871, 5301, 5556, 5631, 6125, 6148, 6239, 6304, 6337, 6729, 6769
- BONE REGENERATION:** 6750, 6239
- BONE RESORPTION:** 969, 1650, 1872, 5358, 5591, 6239, 6619
- BORATES:** 1348, 3055, 4244
- BORDETELLA PERTUSSIS:** 1089, 6919
- BORIC ACIDS:** 475, 611, 1773, 5738
- BORON COMPOUNDS:** 2135, 2502, 3013, 3336, 3688, 3695, 3728, 5066, 6220, 6443, 6924
- BOTULINUM TOXIN:** 3204, 3307
- BRACHIAL ARTERY:** 38, 726, 1204, 1582, 1999, 2326, 2882, 3024, 3745, 4192, 6381
- BRACHIAL PLEXUS:** 966
- BRADYCARDIA:** 167, 328, 5665
- BRADYKININ:** 246, 338-339, 594-597, 871-872, 980, 1119, 1331-1332, 1347, 1711, 1768, 1816-1817, 1940, 2176, 2377-2382, 2534, 2692, 2866, 2903, 2944, 3067, 3174, 3967, 4573, 4755, 4795, 5011, 5128, 5714, 5885, 6092, 6110, 6282, 6355, 6747, 6945
- BRAIN:** 80, 96, 99, 164, 229, 241, 293, 334, 422, 600, 780, 1033-1034, 1087, 1237, 1430, 1517, 1624-1625, 1747, 1863, 1867, 1997, 2069, 2101, 2172, 2305, 2336, 2355, 2484, 2522, 2622, 2682, 2692, 2728, 2792, 2866, 2992, 3007, 3037, 3049, 3139, 3191-3192, 3308, 3330, 3374, 3420, 3761, 3860, 4057, 4080, 4109, 4190, 4215, 4442, 4455, 4539, 4673, 4721, 4796, 4845, 4931, 4962-4963, 5144, 5230, 5264, 5377-5378, 5415, 5481, 5585, 5617, 5746, 5755, 5885, 5916, 5981-5983, 5995, 6343, 6394-6395, 6465, 6553, 6738, 6777, 7128, 7186, 7193, 7263
- BRAIN ABSCESS:** 736, 2532, 3663, 4227, 5290, 5993, 7267
- BRAIN CHEMISTRY:** 196, 201, 229, 374, 892, 928, 1270, 1624-1625, 1974, 2533, 2792, 3007, 3460, 4387, 4469, 4705, 4796, 4846, 4941, 5378, 5617
- BRAIN CONCUSSION:** 1597, 4677
- BRAIN DAMAGE, CHRONIC:** 1776
- BRAIN DISEASES:** 60-61, 215, 235, 422, 665, 1568, 2451, 2532, 3137, 3146, 3663, 4391, 4569, 4962-4963, 5236, 5290, 5688, 6777
- BRAIN EDEMA:** 548, 3535, 4936
- BRAIN INJURY, ACUTE:** 246, 546, 1597, 1600, 2484, 2522, 2532, 3526, 3663, 4300, 4442, 4677, 5695
- BRAIN NEOPLASMS:** 80, 91, 132, 216, 236, 552, 726, 736, 926, 1395, 1671, 1776, 1831, 1861, 2089, 2123, 2199, 2260, 2324, 2385, 2422, 2532, 2647, 2756, 2762, 3137, 3191, 3392, 3462-3463, 3663, 3774, 3812, 3986, 4484, 4539, 4543, 4636, 4650, 4664, 4836, 4971, 4998, 5031, 5068, 5142, 5236, 5290, 5385, 5700, 5993, 6111, 6404, 6738, 6796, 6928, 7068, 7182
- BRAIN STEM:** 3535
- BRANCHIAL REGION:** 6387
- BRANCHIOMA:** 6387
- BRAZIL:** 7124
- BREAST:** 1224, 2964-2965, 6813
- BREAST DISEASES:** 1009, 2185, 2991, 4040, 5525, 5904
- BREAST FEEDING:** 1596, 2136, 3815
- BREAST NEOPLASMS:** 512, 716, 800, 1224, 1832, 2173, 3059, 3249, 3876, 3912, 3937, 4035, 4418, 4626, 4650, 5142, 5525, 6961
- BREEDING:** 4293
- BRIDGED COMPOUNDS:** 3754
- BROMELAINS:** 346, 464, 812, 899, 1198, 2283, 2766, 3334, 3527, 3932, 4418, 5429, 6262, 6536, 7068
- BROMIDES:** 664, 1901, 2159, 2333, 2781, 3785, 3944-3945, 5059, 5483, 7084, 7143
- BROMINE:** 559, 663, 1065, 1299, 2063, 2393, 2628, 2707, 3085, 3270-3271, 4449, 4498, 4811, 5064, 5413, 5926, 6529, 7143
- BRONCHI:** 1119, 1738, 2037, 3678, 5254, 6152, 6227, 6671
- BRONCHIAL DISEASES:** 737, 1870, 2037, 2320, 3231, 6227
- BRONCHIAL NEOPLASMS:** 320, 1613, 2511, 3058, 4253, 5664
- BRONCHIAL SPASM:** 1578, 3231, 6955
- BRONCHIECTASIS:** 2664, 3306



# SUBJECT INDEX

BRONCHITIS: 1280, 1732, 1738, 1740, 1933, 3519, 3552, 3678, 3682, 4335, 4571, 4942, 5459, 6714, 7014, 7154, 7210, 7246  
BRONCHODILATOR AGENTS: 1933, 3678  
BRONCHOGRAPHY: 737, 4862, 6227  
BRONCHOPNEUMONIA: 801, 2170, 4227, 5990  
BRONCHOPULMONARY SEQUESTRATION: 2037  
BRONCHOSCOPY: 3332, 6227  
BRONCHOSPIROMETRY: 2832  
BROWN FAT: 2711, 3772, 6964  
BRUCELLA: 4225  
BRUCELLA ABORTUS: 5966  
BRUCELLOSIS: 4225  
BRUCELLOSIS, BOVINE: 4857, 5966  
BUFFERS: 369, 386, 603, 677, 794, 893, 1108, 1290, 1473, 1795, 2237, 2469, 2498, 2573, 2704, 2779, 2869, 3055, 3079, 3095, 3204, 3296, 3454, 3804, 3834, 3908, 4004, 4038, 4048, 4726, 4799, 4878, 5323, 5400, 5637, 5794, 5836, 5896, 5936, 6549, 6551, 6647, 6680  
BUNDLE-BRANCH BLOCK: 2612  
BURKITT'S LYMPHOMA: 2544, 4806, 5142, 6174, 6574  
BURNS: 218-219, 273, 524, 1470, 2108, 2189, 2191-2192, 2563, 2639, 3502, 3647, 4004, 4232, 4237, 5089, 5331, 5586, 5721, 6392, 6867, 7093, 7106, 7117, 7163  
BURNS, CHEMICAL: 1023, 5717  
BURNS, ELECTRIC: 1386, 5586  
BUTYLFAN: 93, 824, 1708, 2519, 4737, 4964, 5090, 5097, 5302, 5410, 5696, 6088  
BUTANONES: 427, 3455  
BUTTER: 390, 5336-5339  
BUTTOCKS: 2074, 2899, 4287  
BUTYLAMINES: 1264, 1581  
BUTYRATES: 384, 1757, 2028, 2279, 2444, 4033, 4403, 4514, 5592, 6788, 7005, 7072

## C

C-REACTIVE PROTEIN: 402, 591  
CACAO: 5336  
CADAVER: 123, 417, 1094-1095, 2313-2314, 3176, 4145, 5515-5516, 5578, 6278, 6561, 7204, 7207  
CADMIUM: 1464, 1511, 2133, 3218, 3460, 3844, 5787, 6335  
CAFFEINE: 24, 105, 3338, 3401, 4032-4033, 4091, 4224, 4542, 4620, 5665, 6945  
CALCANEUS: 6125  
CALCIFICATION, PHYSIOLOGIC: 3052, 5750  
CALCINOSIS: 215, 626, 969, 2471, 3780, 3881, 4434, 4712, 5376  
CALCIPHYLAXIS: 6821  
CALCIUM: 43, 136, 191, 281, 365, 372-373, 385, 461, 668, 742, 751, 799, 892, 914, 978-979, 1096, 1107, 1231, 1464, 1473, 1511, 1551, 1572, 1629, 1657, 1696, 1778, 1830, 1902, 2001, 2133, 2153, 2197, 2279-2280, 2312, 2445, 2453, 2608, 2662, 2816, 2883, 2978, 2988, 3016, 3052, 3145, 3156, 3168, 3424, 3490, 3619, 3752, 3832, 3966, 3980-3981, 3987, 4024, 4039, 4048, 4052, 4115, 4119, 4138, 4151, 4241, 4261, 4264, 4267, 4320, 4351, 4382, 4451, 4566, 4696, 4714, 4766, 4802, 4930, 4943, 5020, 5033, 5057, 5119, 5246, 5323, 5338, 5370, 5554, 5579, 5591, 5600, 5648, 5775, 5777, 5787, 5794, 5869, 5936-5937, 5973-5974, 6027, 6129, 6143, 6190, 6232, 6313, 6326, 6342, 6422, 6451-6452, 6510, 6552, 6691, 6717, 6783, 6775, 6875, 6915, 7005, 7148, 7165, 7196  
CALCIUM CHLORIDE: 139, 1016, 1188, 1997, 2525, 2781, 2834, 3155, 3235, 3685, 4319, 4325, 4745, 5323, 5384, 5561, 7181  
CALCIUM, DIETARY: 5591  
CALCIUM HYDROXIDE: 817  
CALCIUM ISOTOPES: 4382, 6619  
CALCIUM METABOLISM DISORDERS: 5356  
CALCIUM PHOSPHATES: 1751, 2727, 3049, 4158, 6395  
CALCULI: 721, 2919  
CALIFORNIA: 1909, 5530  
CALORIMETRY: 1536, 2877, 5063, 5876, 6367  
CAMPHOR: 7043  
CAMPING: 755  
CANADA: 110, 1268, 3131, 4845  
CANAVANINE: 5657  
CANDIDA: 1342, 1356, 3633, 5418-5419, 5689, 6174, 6722, 6737, 7114-7116  
CAPILLARIES: 349, 362-363, 561, 790, 1005, 1043, 1165, 1185, 1225, 1367, 1736, 1834, 2050, 2181, 2410, 2429, 2879, 2914, 2973, 2977, 3116, 3314,

3474, 3514, 3538, 3596, 3748, 3811, 3883, 3887, 4079, 4547, 4782, 5129, 5242, 5494, 5532, 5916, 6123-6124, 6136, 6492, 6607, 6736, 6875, 6995, 7094, 7162, 7176, 7224  
CAPILLARY FRAGILITY: 698, 1039, 2000, 2172, 2613-2614, 3795, 5010, 6122  
CAPILLARY PERMEABILITY: 179, 790, 923, 980, 1587, 2058, 2181, 2390, 2485, 2563, 2846, 2977, 3112, 3122, 3247, 3581, 3888, 3967, 4077, 4099, 4475, 4514, 5242, 5324, 6050, 6124, 6355, 6383, 6605-6606, 6694, 6747, 6792, 7094, 7224  
CAPILLARY RESISTANCE: 980, 1442, 2441, 3112, 3348, 3442, 3596, 4856, 5010, 5999, 6271, 6520  
CAPROATES: 1070, 2135, 2444, 4403  
CAPRYLATES: 5336, 6061  
CAPSICUM: 1416  
CAPSULES: 1000, 2673  
CARBACHOL: 4239  
CARBAMATES: 1388, 1680, 2057, 2452, 7065  
CARBOHYDRATE METABOLISM, INBORN ERRORS: 2709, 4421, 6093  
CARBOHYDRATES: 171, 263, 494, 628, 795, 998, 1020, 1090, 1107, 1245, 1364, 1592, 1741, 2038, 2197, 2593, 2722, 2738, 2805, 2895, 3116, 3248, 3581, 3668, 3728, 3983, 4029, 4123, 4141, 4156, 4213, 4409, 4485, 4733, 4870, 5083, 5178, 5388, 5399, 5671, 5712, 5953, 6011, 6083, 6270, 6280, 6544-6545, 6553, 6847, 6937, 7030, 7069, 7171  
CARBON: 632-633, 647, 1604, 3593, 4047, 4269, 4940, 5792, 5828, 6615, 6836, 6842, 7079  
CARBON DIOXIDE: 371, 557, 1249, 2262, 2336, 2429, 2573, 2723, 3049, 3136, 3202, 3231, 3471-3472, 3580, 3651, 3772, 4051, 4179, 4190, 4228, 5334, 5513, 5948, 6020, 6100, 6177, 6613, 6703, 6824, 6901, 6911, 6928, 7164  
CARBON DISULFIDE: 1278  
CARBON ISOTOPES: 20, 43, 45, 150-151, 162-163, 191, 229-230, 238, 241, 302, 326, 335, 353, 403, 427, 533, 589, 611, 658, 679-680, 706, 787, 796, 807, 840, 868, 935-936, 953, 992, 1013, 1033, 1051, 1061, 1111-1112, 1122, 1139, 1152, 1154, 1207, 1219, 1235, 1249, 1273, 1282-1283, 1319, 1380, 1391, 1464, 1470, 1473, 1478, 1517, 1551, 1581, 1626, 1741, 1773, 1791, 1799, 1864, 1873, 1878, 1902, 1978, 2004, 2019, 2028, 2079-2080, 2103, 2114-2115, 2145, 2157, 2182, 2202, 2252, 2297, 2305, 2323, 2387-2388, 2401, 2430, 2515, 2553, 2576, 2602, 2633, 2645, 2659-2660, 2716-2717, 2765-2766, 2797, 2826, 2908, 2928, 2943, 2958, 2984-2986, 3040, 3055, 3066-3067, 3090, 3136, 3139, 3162, 3184, 3202, 3266, 3274, 3317, 3371, 3410, 3471-3472, 3568, 3574, 3597, 3602, 3619, 3664, 3688, 3711-3712, 3733, 3766, 3772, 3785, 3826, 3874, 3924, 3986, 4032-4033, 4045, 4060, 4073, 4087, 4161, 4228, 4240, 4294, 4310, 4341, 4408, 4416, 4452, 4454, 4506, 4529, 4537, 4555, 4663, 4676, 4686, 4714, 4759, 4779, 4822, 4830, 4834, 4852, 4892, 4995, 5025, 5038, 5087, 5144, 5178, 5222, 5270, 5277, 5314, 5470, 5513, 5551, 5557, 5588, 5598, 5723, 5759, 5769, 5771, 5844, 5854, 5889, 5895, 5901, 5905, 5980, 6014, 6049, 6127, 6166, 6301, 6416, 6433, 6440, 6549, 6555, 6591, 6613, 6625, 6640, 6665, 6717, 6779, 6791, 6808, 6938, 6950, 6956, 6967, 6970, 7004, 7026, 7041, 7128, 7158, 7191  
CARBON MONOXIDE: 2789, 4537, 6394, 6870, 7092  
CARBON TETRACHLORIDE: 1270  
CARBON TETRACHLORIDE POISONING: 2602, 3800, 3877  
CARBONATES: 2574, 6005, 6143, 6998-6999  
CARBONIC ANHYDRASE: 3244, 4228, 4642-4643, 5753, 6819, 6998, 7143  
CARBONIC ANHYDRASE INHIBITORS: 6692  
CARBOXY-LYASES: 613, 1006, 4714, 4798, 6120-6221  
CARBOXYPEPTIDASES: 145, 304, 348, 426-427, 613, 700, 713, 728, 944, 1299, 1380, 1405, 1422, 1463, 1576, 1607, 1653, 1711, 1817, 2171, 2204, 2229, 2379-2380, 2466, 2515, 2558, 2946, 3014, 3153, 3218, 3244, 3270-3271, 3306, 3315-3316, 3460, 3636, 3658, 3695, 3988, 4028, 4193, 4310, 4349, 4435, 4441, 4473, 4486, 4601, 4642-4643, 4837, 5000, 5067, 5087, 5281, 5317, 5413, 5794, 6022, 6131, 6220-6221, 6522, 6548, 6605, 6808, 6998, 7083, 7262  
CARBUNCLE: 6651  
CARCINOGENS: 1141, 2496, 4095, 5081-5082, 5655, 6333, 6345-6346  
CARCINOID TUMOR: 290, 1035, 1423, 4127  
CARCINOMA: 12, 153, 320, 431, 508, 564, 992,

1080, 1106, 2142, 2222, 2756, 3376, 3640, 3930, 4035, 4069, 4132, 5311, 5409, 5496, 5596, 5664, 6294, 6699, 6762, 6769, 7137, 7168  
CARCINOMA, BASAL CELL: 194, 313, 2570, 2639, 3930  
CARCINOMA, BRONCHOGENIC: 2173, 3249, 4140, 5142  
CARCINOMA, EHRICH TUMOR: 1791, 1976, 3431, 4148-4149, 4152, 4484, 4516-4517, 5889, 6533, 7084, 7260  
CARCINOMA, EPIDERMAL: 194, 1521, 2376, 2570, 2684, 3102, 3249, 3561, 5081, 5142, 5157, 6007, 6305, 6333, 6345, 6373, 6556, 7137  
CARCINOMA, PAPILLARY: 3640, 5175  
CARCINOMA, TRANSITIONAL CELL: 4069, 6007  
CARCINOMA 256, WALKER: 1159-1160, 2580  
CARDIAC GLYCOSIDES: 347, 788, 1142, 2768, 3579, 5058, 7269  
CARDIAC OUTPUT: 156, 764, 2056, 2178, 2252, 2413, 4405, 5247, 5334, 5466, 6139, 6813  
CARDIAC TAMPONADE: 1736, 2592, 2994  
CARDIOVASCULAR DISEASES: 472, 564, 751, 923, 1386, 1472, 1500, 2249, 2358, 2742, 3113, 3486, 3579, 3594, 3856, 4372, 5007, 5183-5184, 5291, 5518-5519, 5521, 5730, 6290, 6491, 6835-6836, 7146, 7220  
CARDIOVASCULAR SYSTEM: 247, 4564, 6662, 6813, 6916  
CARNITINE: 105, 1112, 3136, 4852  
CARNIVORA: 377, 1790, 5018  
CAROTENE: 390, 1741, 3981, 4574  
CAROTENOIDS: 390, 891, 3675, 4574, 4598, 5504, 7146  
CAROTID ARTERIES: 38, 76, 215, 289, 622, 726, 867, 1239, 1305, 1307, 1325, 1333, 1640, 1929, 1931, 1998, 2055, 2172, 2264, 2389, 2532, 2551, 2627, 2720, 2798, 2954, 3230, 3392, 3488, 3522, 4279, 4356, 4440, 4668, 5144, 5461, 5464, 5947, 6108, 6115, 6614, 6768  
CAROTID ARTERY DISEASES: 22, 1325, 1998, 2280, 3155, 4353, 6738, 6939, 7183  
CAROTID ARTERY THROMBOSIS: 1998, 3003, 3155, 4137, 6939  
CAROTID BODY TUMOR: 1325, 6798  
CAROTID SINUS: 3430, 3773  
CARPAL TUNNEL SYNDROME: 1280, 2344  
CARRACEAN: 1452, 1649, 3775, 5358, 5756, 6536, 6596, 6635, 6747  
CARRIER STATE: 352, 522-523, 2938  
CARTILAGE: 1066, 1282, 1454, 1585, 1630, 1650, 2174, 3095, 3126, 3266, 3575, 3945, 5171, 5356, 6105, 6467  
CARTILAGE, ARTICULAR: 1947, 2909  
CARTILAGE DISEASES: 1934, 2174, 6388  
CASE REPORT: 1, 30, 50, 56, 67, 75, 87-88, 94, 100, 113, 248, 305, 357, 360, 393, 399, 405, 498, 555, 566, 606, 687, 692, 737, 761, 801, 855, 883, 888, 904, 919, 985, 1066, 1104, 1106, 1126-1127, 1169, 1183, 1197, 1203, 1250, 1252, 1396, 1529, 1569, 1584, 1641, 1670, 1683, 1714-1715, 1904, 1965, 1969-1970, 2003, 2013, 2020, 2022, 2071, 2078, 2093, 2095, 2144, 2154, 2163, 2183, 2242, 2328, 2337, 2374, 2436, 2460, 2477, 2586, 2609, 2712, 2735, 2815, 2819, 2835, 2871, 2948, 2953, 3179, 3215, 3228, 3239, 3293-3294, 3303, 3329-3330, 3343, 3352, 3360, 3362, 3426, 3428, 3483-3484, 3520-3521, 3596, 3607, 3617, 3656, 3692, 3794, 3823, 3846-3847, 3865, 3939, 3948, 3950, 3962, 4040, 4204, 4227, 4284, 4287, 4344, 4386, 4395, 4402, 4404, 4527, 4533, 4554, 4576-4577, 4652, 4691, 4708, 4729, 4751, 4814, 4841, 4843, 4871, 4948, 4970, 4979, 5005-5006, 5039, 5239, 5278, 5299, 5318, 5326, 5335, 5344, 5354, 5361, 5417, 5425, 5448, 5492, 5532, 5538, 5544, 5556, 5566, 5593, 5631, 5645-5646, 5750, 5825, 5830, 5871, 5910, 5915, 5928, 5976, 6105, 6111, 6165, 6176, 6299, 6442, 6445, 6490, 6526, 6558, 6652-6653, 6657, 6709, 6720, 6729, 6759, 6774, 6837, 6907, 6984, 7006, 7062, 7126, 7140-7141, 7183, 7222, 7232-7234, 7263-7268, 7275, 7278  
CASEIN: 180, 480, 794, 825, 1057, 1117, 1259-1260, 1385, 1581, 1963, 2053, 2114, 2223, 2257, 2353, 2356, 2486, 2593, 2611, 2638, 2684, 2811, 2912-2913, 2941, 2956, 2974, 2976, 3020, 3034, 3273, 3279, 3342, 3522, 3666, 3695, 3731, 3786, 3908, 3910, 4047, 4193, 4233, 4406, 4494, 5217, 5307, 5534-5535, 5922, 6262, 6335, 6370, 6473, 6487, 6499, 6990, 7035, 7101, 7155  
CASTRATION: 3094, 3789, 4050, 4250, 5867, 6845  
CASTS, SURGICAL: 1497, 2579, 3180, 6125



# SUBJECT INDEX

- CATALASE: 9, 1682, 1849, 2600, 4029, 4433, 4642-4643, 5355, 6011, 6504, 6578, 6619
- CATALYSIS: 384, 782, 1202, 1211, 3194, 3218, 4374, 5265, 5938, 6631, 6619
- CATARACT: 347, 470, 505, 1350, 1845, 1899, 1973, 3821, 4133, 5774
- CATARACT EXTRACTION: 341, 513, 1350, 1845, 1899, 2827, 3127, 5040, 5364, 5774, 5860
- CATECHOL: 2114, 2282, 2903, 2969, 3450, 6650
- CATECHOLAMINES: 368, 640, 642, 661, 929-930, 2009, 2108, 2365, 2452, 2533, 2563, 2790, 3778, 3975, 4436, 4702, 5415, 5831, 5959, 6048, 6422, 6792, 7254
- CATHEPSIN: 546, 1320, 1487, 1489, 1585, 2588, 2661-2662, 3137, 3549, 3622-3623, 5356, 5377, 5402
- CATHETERIZATION: 89, 350, 711, 714, 724, 773, 929, 1138, 1186, 1203-1204, 1307, 1507, 1529, 1686, 2107, 2355, 2507, 2514, 2882-2883, 3339, 3702, 3858, 4308, 4743, 5204, 5286, 5573, 5713, 5715, 5772, 6431, 6939, 7079
- CATS: 76, 237, 259, 299, 397, 525, 529-530, 850, 1118-1119, 1768, 1861, 1867, 2050, 2336, 2403, 2429, 2482, 2651, 2913, 3135, 3169, 3233, 3331, 3354, 3527, 3535, 3611, 4051, 4151, 4615, 4909, 5007, 5029, 5334, 5617, 5802, 5867, 6033, 6115, 6128, 6424, 6531, 6577-6578, 6644, 6728, 7035, 7129, 7160
- CATTLE: 11, 18-19, 23, 33, 43, 148, 150, 155, 196, 199, 205-206, 241, 245, 264, 303, 318, 331, 370, 373-374, 426-427, 495, 527, 586, 603, 648, 671, 712-713, 728, 731, 762, 782, 793, 796, 810, 813, 867, 892, 895, 914-915, 944, 953, 958, 992, 1013, 1033-1034, 1102, 1117, 1165, 1179, 1200, 1237, 1261, 1290, 1300, 1333, 1341, 1346, 1348, 1356, 1420, 1455, 1565, 1585, 1612, 1632, 1716, 1749, 1751, 1874, 1915, 1920-1922, 1924, 1939, 1974, 1989, 2033, 2038, 2049, 2068, 2139, 2145, 2157, 2159, 2175, 2215, 2257, 2296, 2330, 2343, 2345, 2349, 2358, 2389, 2403, 2420-2421, 2475, 2481-2482, 2506, 2566, 2573, 2593, 2621, 2630, 2652, 2704, 2708, 2717, 2722, 2744, 2757, 2789, 2808, 2810, 2864, 2876, 2878, 2881, 2916, 2939, 2988, 2999, 3018, 3034, 3049, 3060, 3095, 3135, 3145, 3148, 3190, 3202, 3209, 3212, 3218, 3222, 3233, 3241, 3273, 3307, 3320, 3325, 3619, 3629, 3668, 3700-3701, 3706, 3763, 3784-3785, 3816, 3840, 3863, 3921-3922, 3945, 3949, 3958, 3997, 4022, 4049, 4084-4086, 4129, 4160-4161, 4185, 4175-4176, 4193, 4243, 4310-4311, 4328-4329, 4372, 4387, 4443-4444, 4494, 4511, 4584, 4615, 4711, 4741, 4796, 4824, 4837, 4857, 4870, 4941, 4955, 5000, 5019, 5021-5022, 5066, 5078, 5087, 5125, 5186, 5216, 5219, 5240, 5246, 5257, 5259, 5285, 5328, 5381, 5407, 5441, 5455-5456, 5470, 5531, 5602-5603, 5612, 5634, 5637, 5649, 5677, 5685, 5710, 5733, 5740, 5753, 5776-5777, 5785, 5836, 5876, 5895, 5912, 5944, 5968, 5973, 6002, 6007, 6009, 6064-6065, 6128, 6131-6132, 6146-6147, 6159, 6171, 6179, 6185, 6190, 6197, 6235, 6269, 6272, 6301, 6313, 6326, 6331-6332, 6347-6348, 6429, 6437, 6475, 6500, 6510, 6572, 6577-6578, 6580-6582, 6614, 6644, 6724, 6783, 6789, 6808, 6820, 6847-6848, 6910, 6953, 6998, 7035, 7048-7049, 7053, 7061, 7101, 7193-7194, 7198, 7200-7201, 7249
- CATTLE DISEASES: 671, 895, 956, 6007, 6159, 6269, 6437, 7198
- CAUCASIAN RACE: 110, 1130, 1207, 1298, 1847, 3529, 4925, 6144, 6174, 6887
- CAUDATE NUCLEUS: 3049
- CAVERNOUS SINUS: 3155
- CECAL DISEASES: 2337, 2578
- CECAL NEOPLASMS: 1208
- CECUM: 5211, 5357, 6359, 6973
- CELIAC ARTERY: 76, 432, 456, 1080, 1774, 2507, 4359, 5113, 6839
- CELIAC DISEASE: 919, 1482, 7019
- CELL ADHESION: 530, 1257
- CELL AGGREGATION: 334, 424, 529, 661, 710, 766, 1011, 1042, 1162-1163, 1257, 1367, 2310, 2332, 2970, 3234, 4148, 4163, 4419, 4471, 4902, 4985, 5020, 5275, 5523, 5546, 5865, 6240, 6607, 6717, 6773, 6864, 6895, 6897, 7134
- CELL COUNT: 334, 1698, 2506, 3606, 4122, 4147, 4505, 4952, 5783, 6428
- CELL DIFFERENTIATION: 263, 1752, 2138, 2935, 3644, 4162-4163, 4892-4894
- CELL DIVISION: 841, 1230, 2205, 2655, 3182, 3525, 3889, 6112
- CELL-FREE SYSTEM: 281, 507, 531, 806-807, 1229, 1273, 1561, 1755, 2481, 2716, 2797, 3371, 3533, 3753, 3826, 3986, 4031, 4060, 4240, 4555, 4714, 5623, 6149, 7260
- CELL LINE: 431, 486, 841, 935-936, 945, 992, 1139, 1237, 1313, 1428, 1565, 1858, 2101, 2142, 2190, 2222, 2490, 2544, 3162, 3376, 3525, 3662, 3816, 3917, 4017, 4078, 4132, 4149, 4806, 4831, 4910, 5091, 5240, 5311-5312, 5611, 5746, 6190-6191, 6305, 6581, 6760, 6946, 7051, 7259
- CELL MEMBRANE: 114, 118, 263, 637, 727, 841, 846, 893, 992, 1042, 1152, 1155, 1201, 1249, 1398, 1510, 1918, 2115, 2279, 2558, 2641, 2659-2661, 2749, 2838, 2928, 2969, 3336, 3349, 3497, 3586, 3606, 3832, 4032, 4148, 4328, 4366, 4387, 4447, 4455, 4467, 4471, 4485, 4566, 4681, 4852, 4924, 5145, 5328, 5422, 5657, 5898, 6013, 6019, 6502, 6538, 6549, 6555, 6579, 6640, 6644, 6853, 6864, 6875, 6918, 6932, 6989-6990, 7026, 7030, 7066, 7110
- CELL MEMBRANE PERMEABILITY: 116, 302, 368, 600, 811, 945, 1384, 1421, 1621, 2115, 2343, 2662, 2928, 3247, 3488, 3967, 4019, 4283, 4486, 5173, 5388, 5661, 5689, 6318, 6551, 6694, 6931, 7043
- CELL MOVEMENT: 346, 451, 494, 709, 997, 2634, 2640, 3550, 3577, 4151, 4197-4198, 5374, 5418-5419, 6122, 6201, 6378, 6875, 7094
- CELL NUCLEOLUS: 2798, 3245, 5311-5312
- CELL NUCLEUS: 406, 590, 1511, 1604, 1607, 1805, 2201, 2556, 2798, 2941, 2952, 3033, 3349, 3405, 4158-4159, 4334, 4620-4621, 4878, 4893, 4917, 5485, 5793, 5821, 5888, 6523, 6789, 6801, 6899, 6987, 7007
- CELL TRANSFORMATION, NEOPLASTIC: 486, 1230, 2490, 2805, 3612, 5073, 5611, 6518
- CELL WALL: 130, 450, 727-728, 781, 968, 1918, 2641, 2740, 2800, 3252, 3399, 3451, 3498, 3621, 3899, 3914, 3924, 4198, 5288, 5486-5487, 5689, 6440, 6853, 6968, 7010
- CELLULAR INCLUSIONS: 1069, 2321-2322, 8000-6001
- CELLULITIS: 1853
- CELLULOSE: 301, 831, 1452, 1649, 1653, 1802, 1847, 1920, 2223, 2437, 2851, 2924, 3104, 3156, 3173, 3223, 3252, 3683, 3958, 4221, 4367, 4562, 5022, 5369, 6143, 6335, 6818, 6978
- CEMENTATION: 818
- CENTRAL NERVOUS SYSTEM: 422, 468, 1624, 2866, 3004, 3348, 4275, 4971, 5617, 5661, 6974
- CENTRAL NERVOUS SYSTEM DISEASES: 292, 1863, 4275, 4614, 4702
- CENTRAL VENOUS PRESSURE: 1199, 6422
- CENTRIFUGATION: 369, 574, 709, 823, 933, 1039, 1043-1044, 1218, 1625, 1841, 2140, 2201, 2233, 2481, 2495, 2693, 2792, 2837, 2933, 3016, 3105, 3356, 3480, 3888, 4031, 4033, 4263, 4270, 4379, 4382, 4494, 4516, 4521, 4615, 4694, 4721, 5055, 5217, 5273, 5377, 6143, 6196, 6389, 6598, 6633-6634, 6879, 6968, 7010, 7191
- CENTRIFUGATION, DENSITY GRADIENT: 15, 106, 199, 325, 406-407, 486, 567, 589, 846, 936-937, 992, 1099, 1154, 1187, 1283, 1320, 1330, 1717, 1941, 2184, 2435, 2562, 2659-2660, 2759, 2825, 3006, 3008, 3109, 3162, 3204, 3274, 3711, 3826, 3834, 3987, 4061, 4074-4075, 4257-4258, 4270, 4433, 4485, 4555, 4676, 4739, 4804-4805, 4878, 4910, 4935, 4957, 5025, 5051, 5080, 5377, 5551, 5657, 5769, 5806, 5812, 5820, 5995, 6013, 6106, 6149, 6167, 6313, 6335, 6370, 6411, 6625, 6689, 6898, 7026, 7048
- CENTRIFUGATION, ZONAL: 326, 4061, 4639, 5812, 6625
- CEPHALINS: 162-163, 373-374, 482, 1188, 1464, 1696, 2391, 2481, 2978, 3213, 5026, 5145, 5395, 5457, 6538, 6989, 7186
- CEPHALOMETRY: 391
- CEPHALORIDINE: 1243, 1588, 1750
- CEREALS: 5649
- CEREBELLAR DISEASES: 293, 1010, 4640, 7062
- CEREBELLAR NEOPLASMS: 2173, 3099, 3392, 3745, 3876, 5700, 5722
- CEREBELLOPONTINE ANGLE: 5722
- CEREBELLUM: 1671, 2199, 2429, 2728, 3526, 6404
- CEREBRAL ANEURYSM: 91, 138, 736, 808, 1194, 1395, 1977, 1998, 3155, 3774, 4353, 4539, 5031, 5993, 6588, 6738, 6928, 6939, 7068, 7169
- CEREBRAL ANGIOGRAPHY: 137, 216, 552, 622, 808, 952, 1010, 1194, 1776, 1831, 1977, 2172, 2375, 2487, 2756, 3155, 3526, 3591, 4080, 4137, 4300, 4543, 4636, 4671, 4678, 5263, 5287, 5382, 5461, 6015, 6730, 6738, 7169, 7279
- CEREBRAL ANOXIA: 289, 1998
- CEREBRAL ARTERIES: 38, 137, 2069, 2336, 2962, 4300, 6679, 6928
- CEREBRAL ARTERIOSCLEROSIS: 173, 311, 560, 808, 912, 940, 1674, 1719, 1990, 2286, 2551, 4363, 5832-5833, 6588
- CEREBRAL ARTERY DISEASES: 1597, 1977
- CEREBRAL CORTEX: 235, 814, 1296-1297, 2429, 3236, 3506, 6135
- CEREBRAL EMBOLISM AND THROMBOSIS: 112, 622, 710, 814, 910, 952, 1003, 1909, 1994, 2079, 2289, 2360, 2440, 2982, 2991, 3191, 3383, 4377, 4619, 5584-5585, 5681, 5729, 5825, 6372, 6415, 6588, 6621, 6807, 7068, 7265
- CEREBRAL HEMORRHAGE: 17, 44, 74, 132, 137-138, 166, 214, 236, 293, 888, 1010, 1376, 1675, 1937, 2018, 2258, 2263-2264, 2289, 2483, 2532, 2785, 2982, 3041, 3061, 3203, 3383, 3470, 3526, 3591, 3876, 4080, 4390, 4345, 4640, 4664, 4677, 4767, 4959, 4962-4963, 4998, 5382, 5495, 5618, 5916, 6491, 6588, 6618, 6730, 6777, 6796, 6843, 6939, 7169, 7232, 7263
- CEREBRAL ISCHEMIA, TRANSIENT: 289, 395-396, 736, 910, 1674, 1739, 1776, 1909, 1994, 2289, 2551, 3383, 4124, 6730
- CEREBRAL SCLEROSIS, DIFFUSE: 3992
- CEREBRAL VENTRICLE NEOPLASMS: 138, 1671, 2375
- CEREBRAL VENTRICLES: 44, 1977, 2355, 5236, 6189, 7263
- CEREBROSIDES: 1624-1625, 3992, 5144
- CEREBROSPINAL FLUID: 402, 1597, 2429, 2527, 3137, 3535, 6115, 6849
- CEREBROSPINAL FLUID PROTEINS: 2355, 3074
- CEREBROSPINAL FLUID SHUNTS: 44, 2355, 4080, 6189
- CEREBROSPINAL OTORRHEA: 4677
- CEREBROSPINAL RHINORRHEA: 4677
- CEREBROVASCULAR CIRCULATION: 912, 1052, 1640, 1977, 2336, 2429, 3383, 3442, 3535, 4190, 5334, 5461, 6768, 6813, 6928
- CEREBROVASCULAR DISORDERS: 31, 80, 137, 166, 236, 311, 396, 564, 770, 808, 1052, 1101, 1280, 1292, 1610-1611, 1640, 1674, 1787, 1994, 2040, 2060, 2079, 2260, 2286, 2289, 2982, 3383, 3442, 3535, 3591, 3596, 3624, 3661, 3663, 3905, 4057, 4124, 4304, 4345, 4353, 4430, 4636, 4640, 5138, 5287, 5382, 5501, 5656, 5704, 5955, 6163, 6373, 6397, 6491, 6588, 6621, 6730, 6796, 6807, 6928, 7068, 7169, 7179, 7227, 7279
- CERUM: 3512, 4907, 5441
- CERULOPLASMIN: 856, 907, 4169-4173, 4342, 4535, 5997, 6246, 6735, 7143
- CERUMEN: 110
- CERVICAL VERTEBRAE: 2326, 2981, 5826, 6108, 6299
- CERVICITIS: 1558
- CERVICO-BRACHIAL NEURALGIA: 5720
- CERVIX DISEASES: 1274, 7137
- CERVIX EROSION: 3798
- CERVIX MUCUS: 793, 2331, 4322-4323, 5745
- CERVIX NEOPLASMS: 508, 1428, 3376, 3448, 3561, 4069, 5142, 5311, 6045, 6305, 7137
- CERVIX UTERI: 4094, 4174, 5894, 6892, 7137
- CESAREAN SECTION: 138, 379, 651, 671-672, 1158, 1275, 1916, 2146, 2624, 2987, 3219, 4171, 4321, 4550, 4580-4581, 4991, 5678, 5924, 7106
- CESTUM: 1154, 3006, 4061, 4074, 4257-4258, 4270, 4910, 5995, 7026
- CETACEA: 782, 1299-1300, 2393, 2748, 3272-3273, 3655, 3658, 4837, 5375, 5411, 6467, 6544
- CHARCOAL: 337, 402, 1000, 1649, 2950, 3599, 3949, 3958, 6143
- CHEEK: 75, 421, 723, 779, 2328, 6606-6607
- CHEESE: 2223
- CHEILITIS: 4410
- CHELATING AGENTS: 636, 661, 1629, 2976, 3034, 3460, 3827, 4024, 4471, 5422, 5523, 5554, 6650, 7115
- CHELIDONIUM: 1645
- CHEMICAL INDUSTRY: 6655, 6722, 7037-7038
- CHEMISTRY: 4-5, 20, 43, 45, 180, 249-250, 262, 264, 290, 297, 312, 318, 335, 373, 376, 426, 477, 501, 515, 521, 545, 565, 603, 611, 613, 648, 665, 686, 700, 713, 727-728, 771, 832, 860, 878, 892, 896, 902, 914-915, 918, 951, 953, 977, 979, 990, 1033, 1052, 1065, 1119, 1122, 1140, 1202, 1216, 1231, 1240, 1261, 1288, 1340-1341, 1345, 1349, 1405, 1415, 1427, 1455, 1478, 1550, 1576, 1629, 1653, 1661, 1667, 1716, 1773, 1795, 1808, 1889,



# SUBJECT INDEX

- 1901, 1919, 1924, 1939, 1945, 2001, 2033, 2044,  
2048, 2063, 2067, 2069, 2103, 2145, 2182, 2217,  
2225, 2305, 2308, 2330, 2352-2353, 2388, 2400,  
2437-2438, 2445, 2525, 2545, 2555, 2581, 2585,  
2587, 2588, 2593, 2617, 2630, 2653, 2683, 2703,  
2707-2708, 2717, 2722, 2738, 2741, 2744, 2789,  
2808, 2811, 2813-2814, 2834, 2868, 2872, 2875-2876,  
2974, 2983-2985, 2999, 3014, 3037, 3063, 3079,  
3101, 3104, 3125, 3135, 3145, 3153, 3194, 3204,  
3207, 3212, 3234, 3241, 3244, 3325, 3347, 3388,  
3393, 3401, 3432, 3450, 3454, 3523, 3593, 3598,  
3627, 3659, 3668, 3673, 3688, 3694, 3724, 3728,  
3733, 3742, 3754, 3784, 3791, 3827, 3850, 3861,  
3893, 3898, 3922, 3949, 3986, 3971, 3982-3983,  
4028, 4030, 4048, 4074, 4108, 4142, 4161,  
4175-4177, 4210, 4242-4243, 4269, 4310-4311, 4349,  
4360-4361, 4374, 4387, 4421, 4472, 4493, 4506,  
4509, 4537-4538, 4572, 4642-4643, 4657, 4663, 4714,  
4733, 4745, 4759-4760, 4766, 4788, 4802, 4810,  
4824, 4839, 4870, 4928, 5021-5022, 5066, 5087,  
5106-5107, 5161, 5219, 5246, 5257, 5259, 5265,  
5281, 5401, 5405, 5407, 5433, 5463, 5561, 5733,  
5766, 5771, 5781, 5787, 5818, 5858, 5875, 5891,  
5902, 5914, 5922, 5928, 5938, 5948, 5967, 5969,  
5973, 6002, 6009, 6044, 6051, 6069, 6083, 6085,  
6091, 6118-6119, 6129, 6147, 6151, 6157, 6171,  
6178, 6185, 6220-6221, 6228, 6331-6332, 6370, 6410,  
6443, 6457, 6543-6545, 6547, 6603, 6632, 6732,  
6735, 6745, 6752, 6791, 6820, 6873, 6877,  
6916-6917, 6924, 6926, 6929, 6938, 6992, 6999,  
7053, 7074, 7103, 7134-7135, 7143, 7170, 7177  
CHEMISTRY, ANALYTICAL: 158, 402, 810,  
914-915, 1045, 1371, 1928, 2813, 2971, 3169, 4334,  
4553, 6164, 6788, 6861  
CHEMISTRY, CLINICAL: 798  
CHEMISTRY, PHARMACEUTICAL: 6087  
CHEMISTRY, PHYSICAL: 40, 507, 632, 1211,  
1264-1265, 2241, 2814, 3018, 3274, 3348, 3512,  
3554, 4870, 4884, 6542, 6975  
CHEMORECEPTORS: 1282  
CHEMOTAXIS: 263, 997, 1099, 2563, 4197-4198,  
5298, 5770, 6825, 7093-7094  
CHEYNE-STOKES RESPIRATION: 6750  
CHICK EMBRYO: 224, 334, 370, 486, 543, 567,  
629, 830, 840, 956, 1219, 1225, 1235, 1257, 1604,  
2634, 2899, 2935, 2970, 2989, 3076, 3130, 3376,  
4030, 4067, 4182-4183, 4357, 4512, 4879, 4910,  
5171, 5197, 5315, 5763, 5837, 5954, 6123-6124,  
6760, 6824  
CHICKENPOX: 2154, 3216, 3781, 4339  
CHICKENS: 425, 584, 603, 1083, 1097, 1121, 1316,  
1367, 1417, 1599, 1647, 1864, 1876, 2299, 2389,  
2398, 2627, 2738, 2771, 2808, 2816, 2907, 3044,  
3138, 3143, 3170, 3549, 3553, 3566, 3631, 3658,  
3668, 3705, 3776, 3863, 4017, 4084, 4167, 4260,  
4326-4327, 4515, 4520, 4578, 4684, 4752, 4845,  
4957, 4961, 5007, 5019, 5329, 5356, 5557, 5699,  
5685, 5766, 5773, 5812-5813, 5913, 5918, 5944,  
6058, 6064, 6352, 6433, 6644, 6733, 6841, 6929,  
7034, 7097, 7112, 7270-7271  
CHIKUNGUNYA VIRUS: 2989  
CHILD: 8-9, 37, 65, 72, 101-102, 110, 132, 146-147,  
152, 172, 198, 210, 214, 238, 246, 251-252, 260,  
273, 288, 293, 308, 313, 321, 347, 356, 381, 399,  
408, 433, 436, 443, 455, 482, 485, 488, 473, 487,  
499, 514, 516, 539, 547, 550-551, 553, 558, 616,  
621, 627, 653, 662, 679-680, 717, 729, 738, 745,  
751-752, 768, 790, 809, 838, 844, 861, 886, 923,  
928, 991, 995, 1002, 1042, 1062-1063, 1085, 1104,  
1115, 1134, 1153, 1181-1182, 1193-1194, 1208, 1214,  
1253, 1256, 1271, 1328, 1334-1335, 1344, 1353,  
1355, 1362, 1368-1370, 1425, 1461, 1467, 1482,  
1485, 1525, 1532, 1549, 1560, 1598, 1606, 1611,  
1639, 1671, 1703, 1714-1715, 1780-1782, 1787, 1776,  
1815, 1823, 1837-1839, 1859-1860, 1877, 1882, 1886,  
1893-1894, 1899, 1904, 1906, 1908, 1934, 1945,  
1950, 1954, 1969, 1973, 1984, 1991, 1999, 2024,  
2037, 2054, 2077, 2088, 2110, 2120, 2151, 2169,  
2174, 2189, 2195, 2198, 2208, 2262-2263, 2267,  
2273, 2303, 2332, 2360, 2364, 2368, 2451, 2465,  
2478, 2505, 2507, 2529, 2546, 2552, 2569,  
2585-2586, 2603, 2605, 2626, 2639, 2656, 2664,  
2679, 2705, 2709, 2745, 2752, 2776, 2820, 2822,  
2856, 2884, 2923, 2929, 2938, 2940, 2942-2943,  
2947, 2955, 2967, 3002, 3009, 3029, 3054, 3106,  
3161, 3173, 3197, 3286, 3292-3295, 3297-3298,  
3301-3302, 3322, 3326, 3368, 3392, 3426, 3452-3453,  
3465, 3471, 3486, 3492, 3536, 3548, 3563, 3607,  
3637, 3651, 3687, 3674, 3684, 3716-3717, 3738,  
3749, 3762, 3780-3781, 3787, 3799, 3808, 3822,  
3864, 3897, 3902, 3950, 3959, 3968, 3978-3979,  
3988, 3992, 3995, 4008, 4008, 4010, 4100, 4130,  
4133, 4136, 4141, 4209, 4215, 4288, 4299,  
4339-4340, 4343, 4348, 4353, 4370, 4372, 4401,  
4478, 4483, 4526, 4531, 4533, 4543, 4575, 4578,  
4590, 4602, 4604, 4606-4607, 4610, 4614, 4623,  
4646, 4656, 4671, 4677, 4696, 4710, 4725, 4730,  
4738, 4763-4764, 4784, 4789, 4801, 4812, 4863,  
4877, 4901, 4936, 4958, 4962-4963, 5024, 5036,  
5054, 5061, 5068, 5090, 5131, 5139, 5152-5154,  
5166, 5202, 5215, 5234, 5303, 5316, 5366, 5390,  
5398, 5409, 5414, 5416, 5419, 5431,  
5439, 5460, 5478, 5488, 5519, 5522, 5558, 5571,  
5576, 5580, 5587, 5600, 5604, 5606-5608, 5616,  
5618, 5621, 5645, 5654, 5662, 5674, 5688, 5699,  
5708, 5721, 5726, 5729-5730, 5744, 5747, 5750,  
5754, 5757, 5762, 5816, 5824, 5827, 5841, 5928,  
5935, 5941, 5946, 5955, 5998, 6000-6001, 6003,  
6008, 6015, 6038, 6053, 6063, 6066, 6073,  
6078-6079, 6093, 6099, 6105, 6125, 6148, 6174-6175,  
6181, 6189, 6202, 6225, 6233-6234, 6271, 6275,  
6302-6304, 6317, 6323, 6343, 6360, 6365, 6369,  
6386, 6404, 6407, 6419, 6442, 6464, 6478, 6493,  
6495, 6540, 6550, 6554, 6612, 6639, 6645, 6656,  
6679, 6685, 6714-6715, 6720, 6738, 6744, 6749,  
6758, 6770, 6778, 6782, 6797-6798, 6833, 6850,  
6852, 6897, 6912, 6930, 6936, 6940, 6943, 6954,  
7052, 7109, 7124, 7176, 7207, 7226, 7230, 7236,  
7253, 7278  
CHILD ABUSE: 725  
CHILD DEVELOPMENT: 5529, 6105  
CHILD, PRESCHOOL: 37, 50, 65, 72, 87-88, 102,  
110, 227, 252, 258, 272-273, 288, 292-293, 308,  
313, 356, 408, 433, 436, 443, 468, 470, 473, 487,  
516, 539, 547, 550-551, 616, 725, 738-739, 745,  
751, 788-789, 803, 821, 823, 839, 862, 881, 919,  
926, 1021, 1081, 1146, 1181, 1208, 1253, 1256,  
1335, 1353, 1355, 1376, 1425, 1435, 1461, 1549,  
1577, 1584, 1606, 1609, 1639, 1671, 1760-1762,  
1767, 1796, 1812-1813, 1815, 1877, 1882, 1894,  
1906, 1934, 1945, 1950, 1955, 1991, 1999, 2012,  
2014, 2037, 2074, 2110, 2151, 2154-2155, 2168-2169,  
2174, 2189, 2262, 2303, 2307, 2311, 2332, 2360,  
2363-2364, 2368, 2460, 2465, 2478, 2484, 2507,  
2552, 2569, 2585, 2603, 2626, 2639, 2656, 2664,  
2679, 2705, 2745, 2776, 2820, 2833, 2856, 2884,  
2923, 2929, 2938, 2940, 2943, 2955, 3002, 3009,  
3054, 3216, 3282-3283, 3292, 3299, 3301-3302, 3332,  
3345, 3368, 3452, 3486, 3515, 3536, 3563, 3588,  
3749-3750, 3762, 3897, 3900, 3968, 3988, 3992,  
3995, 4186, 4276, 4299, 4320, 4339, 4343, 4348,  
4353, 4370, 4372, 4429, 4459, 4501, 4543, 4590,  
4602, 4606, 4610, 4646, 4656, 4671, 4677, 4725,  
4761, 4763-4764, 4789, 4812, 4863, 4877, 4891,  
4901, 4936, 4938, 5036, 5139, 5152-5153, 5159,  
5215, 5234, 5303, 5316, 5366, 5398, 5409, 5416,  
5423, 5466, 5478, 5522, 5537, 5556, 5558, 5576,  
5589, 5604, 5606-5608, 5621, 5653-5654, 5693, 5713,  
5721, 5726, 5747, 5757, 5762, 5824, 5941, 5946,  
5952, 5955, 5998, 6003, 6008, 6015, 6038, 6066,  
6073, 6078, 6093, 6148, 6174-6175, 6181, 6206,  
6225, 6233, 6302-6304, 6323, 6343, 6360, 6369,  
6404, 6407, 6412, 6426, 6442, 6550, 6554, 6608,  
6612, 6656, 6679, 6685, 6708, 6723, 6744, 6749,  
6754, 6758, 6782, 6805, 6833, 6846, 6852, 6912,  
6936-6937, 6940, 6943, 6959, 7082, 7095, 7105,  
7109, 7124, 7176, 7223, 7226, 7280  
CHIN: 6234  
CHIROPTERA: 2434, 3135  
CHLORAL HYDRATE: 732, 4779, 5804, 6889  
CHLORAMBUCIL: 800, 949, 963, 1370, 3375, 3633,  
5205, 5930  
CHLORAMPHENICOL: 604  
CHLORAMPHENICOL: 210, 450, 523, 1061, 1228,  
1538, 1605, 2928, 3327-3328, 3619, 4258, 4555,  
5470, 5857, 6640, 6984, 7082, 7105, 7181, 7210  
CHLORCYCLIZINE: 7043-7044  
CHLORDAN: 851  
CHLORDIAZEPOXIDE: 5412  
CHLORIDES: 14, 605, 799, 878, 1154, 1218, 1511,  
1619, 2129, 2390, 2421, 3006, 3488, 3604, 3702,  
3850, 3854, 4061, 4214, 4257-4258, 4536, 4670,  
4810, 5000, 5059, 5119, 5321, 5407, 5787, 5953,  
5995, 6452, 6880, 6919, 7017, 7019, 7024, 7026  
CHLORINE: 2708, 3104, 3455, 5196, 6178, 7143  
CHLORMADINONE: 4191, 4603, 5115  
CHLOROPHYLL: 1486-1489, 1915, 2508, 3675  
CHLOROPLASTS: 2556, 3675, 3844, 3989, 5119,  
5281  
CHLOROQUINE: 347, 1743, 1887, 2949, 2969, 3171,  
4018, 4809, 4933, 5468, 5680, 7043-7044  
CHLOROTHIAZIDE: 5326, 5412  
CHLORPHENIRAMINE: 5521  
CHLORPROMAZINE: 73, 347, 368, 661, 2060, 2524,  
2760, 2872, 3430-3431, 5347, 6058, 6555, 6975  
CHLORPROPAMIDE: 1060, 1757, 2960, 4157, 6453  
CHLORTETRACYCLINE: 7181  
CHOLAGOGUES AND CHOLERETICS: 3348  
CHOLANGIOGRAPHY: 253, 1767, 1774  
CHOLANGIOMA: 361, 1873, 5537, 6078  
CHOLANGITIS: 5869  
CHOLECALCIFEROL: 390, 2847, 4382  
CHOLECYSTECTOMY: 253, 943, 2094, 2371, 2632,  
3284, 5149, 6164, 7025, 7078  
CHOLECYSTITIS: 1349, 3284, 3367, 3429, 5149,  
6009  
CHOLECYSTOGRAPHY: 1767  
CHOLECYSTOKININ: 3618, 4167  
CHOLELITHIASIS: 481, 1008, 2094, 3284, 3790,  
4803, 5474, 7146  
CHOLESTANES: 5389  
CHOLESTASIS: 3090, 4691, 5488, 5659, 5869  
CHOLESTATOMA: 1769, 6018  
CHOLESTEROL: 7, 38, 62, 71, 162-163, 183, 200,  
203, 253, 329, 440, 477, 481, 575, 772, 821, 825,  
912, 921, 925, 941, 982, 986, 1027, 1053, 1055,  
1070, 1077, 1109, 1155, 1205, 1213, 1219, 1319,  
1344, 1378-1379, 1402, 1443, 1464, 1549, 1556,  
1592, 1603, 1624-1625, 1658, 1672, 1741, 1744,  
1746-1747, 1843, 1851, 1929, 1946, 2008, 2017,  
2084, 2120, 2301, 2330, 2407, 2443, 2450-2451,  
2454, 2510, 2521, 2672, 2737, 2776, 2798, 2826,  
2845, 2865, 2908, 2929, 3045, 3051, 3071, 3090,  
3146, 3206, 3224, 3238, 3338, 3402, 3519, 3606,  
3765-3766, 3789, 3818, 3897, 3965, 3975, 4134,  
4363, 4388, 4414, 4597, 4616, 4656, 4704-4705,  
4709, 4749, 4790, 4822, 4832, 4897, 4916, 4983,  
5048, 5144-5145, 5164, 5181, 5189, 5279, 5314,  
5337-5339, 5375-5376, 5389, 5457, 5568, 5621, 5726,  
5739, 5833, 5835, 5956, 5972, 5977, 5992, 6029,  
6073, 6112, 6127, 6408, 6439, 6449, 6505, 6591,  
6694, 6829, 6852, 6870, 6885, 6905, 6970, 7104,  
7146, 7148, 7225  
CHOLESTYRAMINE: 941, 1851, 2259, 3220, 5869,  
7099-7100  
CHOLINE: 678, 1110, 1319, 1408, 3488, 4045, 4121,  
4627, 4849, 5405, 5553, 6108  
CHOLINESTERASE: 1525-1526, 2522, 2900, 3007,  
3146, 4324, 4422, 4568, 5203, 5226, 5953, 6202,  
6892, 6708, 6735  
CHOLINESTERASE INHIBITORS: 1899, 2868, 6429  
CHONDRIOBLASTOMA: 6388  
CHONDROITIN: 2, 204, 769, 984, 1144, 1428, 1464,  
1796, 2341, 2415, 2703, 2709, 2994-2995, 3055,  
3095, 3101, 3125-3126, 3221, 3266, 3492, 3719,  
3824, 3837, 3872, 3877, 4388, 4421, 4443, 4520,  
4622, 4717, 4764, 5611, 5766, 5901, 5929, 6093,  
6095, 6164, 6761, 6985-6986, 7084  
CHONDROMA: 359, 646, 975, 1458, 2601, 3281,  
4953, 5664, 6304, 6388, 6799  
CHONDROSARCOMA: 3281, 3575, 5301, 6729  
CHORDA TYMPANI NERVE: 2006-2007  
CHORDAE TENDINEAE: 5581  
CHORDOMA: 3281, 3575  
CHORIOCARCINOMA: 2894, 3249, 3540, 3937  
CHORIORETINITIS: 5708, 6902  
CHORISTOMA: 4531  
CHOROID: 1357, 1865, 1881, 2338, 2596, 3696-3697,  
4959, 6616, 7129  
CHOROID NEOPLASMS: 280, 1357, 1492, 1671,  
2338, 2489, 2833, 2835, 3764, 4093, 4626, 4706,  
4785, 5708  
CHOROID PLEXUS: 1671, 2355, 2375, 3116, 4163,  
6111, 6343  
CHOROIDITIS: 4626  
CHRISTIANITY: 5946  
CHRISTMAS DISEASE: 87, 333, 400-401, 479, 539,  
541, 558, 678, 780, 1116, 1214-1215, 1271, 2091,  
2391, 2470, 2955, 3043, 3178, 3197, 3229, 3897,  
3909, 4528, 4863, 5010, 5394, 5676, 5778, 5843,  
6004, 6047, 6121, 6125, 6219, 6445, 6458, 6486,  
6552, 6558, 6645, 6685, 7258  
CHROMAFFIN SYSTEM: 4955  
CHROMATIS: 2971, 3092, 6150  
CHROMATIUM: 4088  
CHROMATOGRAPHY: 139, 178, 249, 262, 266, 370,



# SUBJECT INDEX

- 403, 407, 427, 575, 592-593, 619, 706, 744, 957,  
990, 1017, 1065, 1150, 1179, 1391, 1415, 1428,  
1495-1496, 1501, 1607, 1878, 1889, 1932, 1943,  
1961, 2103, 2135, 2204, 2401, 2407, 2459,  
2544-2545, 2567, 2589, 2657, 2722, 2765, 2797,  
2814, 2838, 2851, 2916, 3079, 3084-3085, 3103,  
3109, 3273, 3336, 3341, 3348, 3408, 3450, 3460,  
3498, 3553, 3583, 3611, 3636, 3650, 3657, 3700,  
3714, 3730, 3888, 3949, 3974, 3993-3994, 4031,  
4049, 4086, 4197, 4233, 4250, 4261, 4294, 4362,  
4399, 4416, 4474-4475, 4525, 4658-4659, 4686, 4692,  
4707, 4804, 4810, 4816, 4892, 4910, 4916, 5120,  
5196, 5264, 5285, 5292, 5353, 5369, 5536, 5569,  
5635, 5697, 5781, 5808, 5878, 5895, 5918, 5941,  
5970, 5995, 6022, 6064, 6093, 6097, 6106, 6173,  
6301, 6327, 6340, 6416, 6499, 6542, 6552, 6938,  
6975, 7034, 7064, 7144
- CHROMATOGRAPHY, DEAE-CELLULOSE:** 106,  
196, 230, 249, 301, 325, 402, 604, 636, 822, 928,  
998, 1034, 1128, 1150, 1200, 1348, 1375, 1470,  
1476, 1512, 1628, 1653, 1690, 1791, 1923, 1941,  
2028, 2257, 2305, 2622, 2682-2683, 2686-2687, 2779,  
2803, 2880, 2895, 2911, 2941, 2986, 3049, 3213,  
3248, 3270-3271, 3279, 3316, 3371, 3456, 3598,  
3619, 3685, 3701, 3844, 3862, 3910, 3926, 3949,  
3958, 3997, 4030, 4144, 4230, 4266, 4371, 4379,  
4412, 4491-4492, 4506, 4713-4714, 4741-4742, 4762,  
4880, 4941, 5000, 5217, 5317, 5428, 5600, 5615,  
5651, 5777, 5901, 5979, 6047, 6147, 6157, 6167,  
6198, 6272, 6347, 6370, 6385, 6395, 6443,  
6510-6511, 6547-6548, 6603, 6610, 6625, 6783, 6817,  
6847, 6929, 6992, 7000, 7061, 7064, 7093, 7102,  
7110
- CHROMATOGRAPHY, GAS:** 3, 183, 1270, 1391,  
1419, 1907, 2924, 2971, 3402, 3529, 4403, 4412,  
4647, 5064, 5327, 5339, 5395, 6013, 6095, 6549,  
6551, 6788, 6830, 6956, 6970
- CHROMATOGRAPHY, ION EXCHANGE:** 45, 104,  
223, 301-302, 328, 348, 427, 531, 589, 663-664,  
686, 712, 746, 787, 796, 864, 898, 978, 1001, 1102,  
1128, 1154, 1171, 1216, 1235, 1273, 1299-1300,  
1342, 1380, 1501, 1647, 1653, 1676, 1807, 1864,  
1889, 1921, 1923, 1978, 2001, 2019, 2038, 2048,  
2182, 2241, 2256, 2308, 2379-2380, 2515, 2623,  
2653, 2716-2717, 2738, 2748, 2752, 2808, 2810,  
2875, 2911, 2974, 2999, 3013, 3044, 3109, 3145,  
3204, 3212-3213, 3221, 3223, 3248, 3335, 3427,  
3443, 3450, 3456, 3706, 3724, 3785, 3908, 3926,  
3982, 4038-4039, 4061, 4084, 4158, 4193, 4260,  
4265, 4273, 4311, 4347, 4367, 4476, 4506, 4515,  
4555, 4639, 4657, 4697, 4714, 4724, 4763-4764,  
4824, 4846, 5022, 5067, 5087, 5107, 5217, 5246,  
5262, 5317, 5327-5328, 5441, 5483, 5551, 5557,  
5623, 5637, 5759, 5771, 5888, 5914, 5945, 5969,  
5973, 6051, 6092, 6166, 6220, 6280, 6295, 6331,  
6335, 6384, 6443, 6463, 6465, 6467, 6522,  
6527-6529, 6544-6545, 6613, 6626, 6646, 6650, 6724,  
6748, 6779, 6808-6809, 6847, 6938, 6952, 7060,  
7064, 7097, 7102, 7209
- CHROMATOGRAPHY, PAPER:** 45, 353, 450, 565,  
604, 686, 860, 864, 1051, 1079, 1122, 1171, 1231,  
1235, 1261, 1283, 1299, 1345, 1364, 1380, 1517,  
2028, 2379-2380, 2393, 2593, 2686-2687, 2722, 2748,  
2881, 2939, 2992, 3013, 3055, 3083, 3116, 3218,  
3348, 3353, 3371, 3629, 3728, 3872, 3949, 3963,  
4025, 4028, 4260, 4506, 4609, 4714, 4717, 4739,  
4768, 4794, 5395, 5637, 5759, 5817, 5901, 5905,  
5945, 5980, 6144, 6325, 6366, 6401, 6443, 6482,  
6545, 6559, 6679, 6788, 6966, 7026, 7034, 7060,  
7128
- CHROMATOGRAPHY, THIN LAYER:** 163, 322,  
353, 406-407, 902, 1060-1061, 1110-1112, 1219,  
1283, 1319, 1398, 1546, 1625, 1684, 1716, 1795,  
2028, 2308, 2387, 2415, 2428, 2495, 2842, 2992,  
3145, 3182, 3279, 3348, 3402, 3529-3530, 3574,  
3659, 3804, 3877, 4025, 4086-4087, 4142, 4226,  
4228, 4349, 4366, 4562, 4572, 4647, 5078, 5144,  
5379, 5395, 5428, 5457, 5630, 5773, 6150,  
6250-6251, 6327, 6545, 7089, 7102, 7128, 7170,  
7178, 7206
- CHROMIUM:** 2696, 3092, 6150
- CHROMIUM-COBALT ALLOYS:** 818, 4434
- CHROMIUM ISOTOPIES:** 35-36, 346, 355, 494-495,  
506, 578, 768, 1078, 1437-1438, 1469, 1717, 1914,  
2018, 2052, 2129, 2425, 2488, 2494, 2538, 2589,  
2882, 3062, 3356-3357, 3439, 3459, 3518, 3829,  
3892, 4067, 4320, 4458, 4505, 4668, 4820, 4918,  
4925, 5321, 5444, 5741-5743, 5789-5790, 5880,  
5882-5883, 6090, 6122, 6150, 6188, 6222, 6224,  
6237, 6256, 6278, 6324, 6633-6634, 7067, 7152
- CHROMONES:** 4210
- CHROMOSOME ABERRATIONS:** 558, 843, 1256,  
2045, 2269, 3118, 4964, 5090, 5142, 5610, 6976
- CHROMOSOME ABNORMALITIES:** 1785, 3786,  
4531, 5101, 5142, 5399, 5610, 7223
- CHROMOSOME MAPPING:** 780, 2218, 3200, 5512,  
5619, 6289, 6969, 7259
- CHROMOSOMES:** 1137, 2045, 3245, 4964, 5142,  
5557, 6057, 7007
- CHROMOSOMES, HUMAN, 1-3:** 5142
- CHROMOSOMES, HUMAN, 4-5:** 3118, 5142
- CHROMOSOMES, HUMAN, 13-15:** 5142
- CHROMOSOMES, HUMAN, 21-22:** 1147, 1718, 2943,  
5090, 5142, 6710
- CHRONAXY:** 1465
- CHRONIC DISEASE:** 25, 97, 127, 160-161, 175,  
214, 308, 408, 436, 442, 772, 816, 895, 943, 980,  
1134, 1145, 1277, 1295, 1353, 1463, 1525, 1549,  
1579, 1617, 1625, 1686, 1724, 1732, 1737-1738,  
1765, 1769, 1778, 1897, 1906, 1933, 2054, 2084,  
2117, 2191-2192, 2264, 2317, 2320, 2362, 2511,  
2529, 2543, 2609, 2782-2783, 2788, 2830, 2874,  
3030, 3100, 3203, 3290, 3397, 3429, 3465, 3519,  
3757, 3918, 4046, 4076, 4203, 4300, 4359, 4571,  
4737, 4784, 4807, 4820, 4876, 4908, 4942, 4945,  
5117, 5137, 5175, 5293, 5439, 5459, 5638, 5695,  
5703, 5718, 5761, 5855, 5869, 6007, 6273,  
6627-6628, 6656, 6693, 6714, 6744, 6806, 6832,  
6849, 6857, 7014, 7052, 7127, 7154, 7175-7176,  
7210, 7267, 7279
- CHYLE:** 4192
- CHYLOMICRONS:** 533, 545, 658, 1011, 1266, 2120,  
3417, 4098, 5314, 5855, 7021
- CHYMOTRYPSIN:** 4-5, 19, 29, 92, 104, 118, 140,  
143, 145, 177, 180, 195, 224, 260, 262-263, 271,  
297, 312, 324, 334-336, 348, 376, 403, 427, 473,  
475, 480, 521, 528, 559, 589, 602, 605, 648, 659,  
704, 720, 783, 813, 860, 880, 892, 920, 944, 997,  
1001, 1006, 1029, 1096-1097, 1105, 1135, 1171,  
1187, 1202, 1206, 1232, 1240, 1261, 1276,  
1286-1287, 1299, 1340, 1342, 1346, 1350, 1377,  
1380-1381, 1405, 1420, 1422, 1455, 1483, 1550,  
1565, 1567, 1627, 1631, 1647, 1653, 1657, 1667,  
1680-1681, 1734, 1752-1753, 1808, 1812-1813, 1833,  
1840, 1864, 1901, 1907, 1923-1924, 1932, 1943,  
1951, 1958, 1966, 1983, 1998, 2001, 2025, 2035,  
2042, 2044, 2048-2049, 2058, 2063, 2081, 2086,  
2112-2113, 2139, 2142, 2171, 2191-2192, 2215, 2223,  
2225, 2229, 2243-2244, 2296-2298, 2308, 2331, 2356,  
2393, 2400, 2437-2438, 2509, 2534, 2552, 2565,  
2595, 2628, 2684, 2704, 2707-2708, 2741, 2748,  
2764-2766, 2802, 2827, 2864, 2876-2877, 2922, 2924,  
2951, 2984, 3007, 3013, 3019-3020, 3079, 3104,  
3127, 3153, 3192, 3194, 3244, 3250, 3272-3274,  
3306, 3313, 3315-3317, 3332, 3353, 3355, 3379,  
3454-3455, 3461, 3600, 3627, 3658, 3695, 3751,  
3763, 3779, 3806, 3843, 3860-3861, 3922, 3944-3945,  
3961, 4038, 4044-4045, 4074, 4084, 4088, 4105,  
4122, 4161, 4168, 4174, 4217-4218, 4230, 4259,  
4274, 4285, 4310-4311, 4322, 4359, 4373, 4379,  
4387, 4415, 4435, 4441, 4504, 4506, 4538, 4566,  
4575, 4601, 4609, 4642-4644, 4657-4658, 4675, 4683,  
4721, 4735, 4745, 4805, 4837, 4892-4894, 5019,  
5021, 5067, 5087, 5125, 5161, 5189, 5178, 5207,  
5240, 5265, 5281, 5317, 5328, 5355, 5364,  
5387-5388, 5384, 5386, 5393, 5401, 5405, 5413,  
5420, 5433, 5446, 5455-5456, 5462-5463, 5467, 5479,  
5483, 5485, 5498, 5539-5540, 5551-5552, 5612, 5642,  
5677, 5685-5686, 5771, 5774, 5794, 5860, 5875-5876,  
5905-5906, 5914, 5922, 5926, 5938-5939, 5958, 5970,  
6002, 6013-6014, 6033, 6040, 6050, 6069, 6074-6075,  
6119, 6131-6132, 6151, 6154, 6161, 6167, 6173,  
6178, 6197, 6213, 6251, 6262, 6295, 6326, 6379,  
6402, 6430, 6433, 6462  
6504, 6516, 6518, 6536, 6547, 6556, 6581-6582,  
6596, 6626, 6631-6632, 6646-6647, 6693, 6724, 6732,  
6752, 6795, 6817, 6819, 6868, 6873, 6952, 6963,  
6969, 6994, 7026, 7044, 7053, 7083, 7088, 7097,  
7103, 7127, 7135, 7143, 7262
- CICATRIX:** 121, 1262, 1279, 1559, 1664, 1770, 1853,  
2074, 2328, 2639, 4330, 4710, 4900, 5239, 5582
- CILIA:** 6161, 6671
- CILIARY BODY:** 280, 789, 1951
- CINEANGIOGRAPHY:** 2822, 3022, 5329
- CINEFLUOROGRAPHY:** 1560
- CINNAMATES:** 427, 2042, 2951, 3401, 4373, 4506,  
4538, 5107, 5875
- CIRCADIAN RHYTHM:** 2404, 5471
- CIRCULAR DICHROISM:** 2834, 2983, 4177
- CITRATES:** 188, 191, 290, 384, 586, 766, 831, 900,  
1051, 1277, 1290, 1317-1318, 1351, 1383, 1394,  
1544, 1551, 1648, 1743, 1979, 2216, 2231, 2402,  
2620, 2779, 3016, 3066-3067, 3168, 3234, 3405,  
3489, 3518, 3687, 3964, 4563, 4625, 4686, 4688,  
4714, 4731, 4775, 4802, 4861, 4926, 4941, 4974,  
4995, 5158, 5273, 5323, 5370, 5407, 5435-5436,  
5526, 5669, 5765, 5775, 5859, 5882-5883, 5967,  
6142, 6201, 6223-6224, 6236-6237, 6258, 6306, 6377,  
6424, 6457, 6468, 6617, 6619, 6741, 6820, 6915,  
6930
- CITROVORUM FACTOR:** 1591, 3132
- CITRULLINE:** 4225
- CLAVICLE:** 1559, 6337
- CLEFT LIP:** 739, 4874
- CLEFT PALATE:** 5670
- CLEIDOCRANIAL DYSOSTOSIS:** 3492
- CLIMATE:** 1719, 3587
- CLINICAL RESEARCH:** 135, 238, 296, 315, 564,  
1198, 1499, 1603, 2206, 2354, 2372, 2454, 2499,  
2694, 2699, 2841, 2960, 3114, 3197, 3307, 3334,  
3516, 3707, 3792, 3992, 4023, 4134, 4219, 4336,  
4388, 4548, 5205, 5553, 5856, 6133, 6188, 6233,  
6285, 6435, 6546, 6700, 6909, 7065, 7244-7245
- CLOFIBRATE:** 3570, 4832, 6472, 7070-7071
- CLOMPHENE:** 6976
- CLONE CELLS:** 2595, 3816, 4078, 5142, 5512, 5611,  
5619, 6581, 7259
- CLOSTRIDIOPETIDASE A:** 997, 1218, 1246, 1565,  
1626-1627, 1689, 1934, 2430, 2664, 2837, 2911,  
2946, 3044, 3247, 3772, 3926, 4237, 5125, 5356,  
5401, 6051, 6132, 6336, 6623, 6680, 6946
- CLOSTRIDIUM:** 1481, 2197, 4555, 6051, 6617, 7139,  
7145
- CLOSTRIDIUM BOTULINUM:** 2860, 3204, 3307,  
4403
- CLOSTRIDIUM INFECTIONS:** 1561, 5365, 7145
- CLOSTRIDIUM PERFRINGENS:** 139, 1151, 1561,  
2449, 3036, 4037, 4194, 4939, 5365, 5697, 5895,  
6411, 7138-7139, 7145
- CLOSTRIDIUM TETANI:** 6965
- CLOT RETRACTION:** 424, 478, 698, 886, 949,  
1190, 1301, 1303, 1608-1609, 1766, 2266, 2310,  
2806, 3018, 3170, 3246, 3499, 3597, 3817, 3904,  
4241, 4423, 4728, 5017, 5088, 5473, 5572, 5823,  
5987, 6122, 6400, 6474, 6870, 6897, 6933
- CLOTHING:** 1691
- CLUBFOOT:** 4874
- COAGULASE:** 34, 226, 522-523, 690, 1059, 1193,  
1247-1248, 1849, 1879, 2274, 2349-2350, 2359, 2506,  
2887, 2896, 2927, 2932, 2996, 3045, 3354, 3513,  
3625, 3851, 3853, 4029, 4114, 4194, 4331, 4369,  
4758, 4786-4787, 4932, 5050, 5102, 5298, 5305,  
5533, 5603, 5635, 5961-5962, 6011, 6064-6065, 6189,  
6339, 6599, 6842, 6910, 6960, 6979, 7036,  
7114-7115, 7157
- COAL:** 4553
- COAL TAR:** 83
- COBALT:** 423, 2976, 3218, 4714, 5057, 5651, 5787,  
7115
- COBALT ISOTOPIES:** 402, 824, 939, 1150, 1907,  
2652, 3079, 3456-3458, 3834, 4379, 4641, 4850,  
4939, 5752, 5899, 6188, 6208, 6757
- COCAINE:** 368, 424, 6945, 6975
- COCCIDIOSIS:** 2578, 5913
- COCCYX:** 3748
- COCHLEA:** 1840, 2842
- COCONUT:** 183, 1661, 3238, 5336
- COELENTERATA:** 1098, 1657
- COENZYME A:** 1975, 2825, 2975, 5144, 5623, 5759,  
5854
- COENZYMES:** 4192, 4473
- COGNITION DISORDERS:** 235, 4696
- COIN LESION, PULMONARY:** 3823, 4862
- COLCHICINE:** 424, 886, 2969, 4621, 5468, 6056
- COLD:** 105, 115, 199, 257, 346, 425, 546, 603, 633,  
637, 735, 751, 944, 1162, 1312, 1399, 1405, 1455,  
1540, 1568, 1748, 1814, 1931, 2033, 2323, 2502,  
2704, 2711, 2743, 2877, 3303, 3637, 3839,  
3908-3909, 3922, 4154, 4222, 4234, 4412, 4418,  
4422, 4621, 4686, 4823, 4886, 4965, 5052, 5067,  
5210, 5227-5228, 5391, 5504, 5569, 5709, 5758,  
5854, 5994, 6068, 6121, 6185, 6269, 6561, 6647,  
6856, 6843, 6898, 6975, 6978, 7165, 7168, 7247
- COLECTOMY:** 355, 7118
- COLICINS:** 1272, 3128, 4001, 4027, 4670, 4676,  
5351, 6321
- COLIPHAGES:** 223, 807, 1537, 2019, 3315, 3753,  
3834, 4257-4258, 4313, 4724, 5237, 7026
- COLISTIN:** 210
- COLITIS:** 772, 3030, 3528, 3855, 4069, 5799



# SUBJECT INDEX

- COLITIS, ULCERATIVE: 1425, 2684, 3491, 4262, 4938, 5594, 5867, 5998, 6041, 6294, 6857
- COLLAGEN: 114, 264, 332, 334, 499, 683-664, 864, 867, 884-885, 996-997, 1014, 1139, 1153, 1308, 1364, 1415, 1532, 1565, 1827, 1889, 1845, 1939, 2224, 2268, 2332, 2345-2346, 2389, 2416, 2430, 2471, 2602, 2680, 2662, 2667-2668, 2684, 2702, 2720, 2749, 2807, 2809, 2899-2900, 2950-2951, 2969, 3036, 3044, 3061, 3118, 3192, 3423-3424, 3597, 3614-3615, 3632, 4070, 4101, 4237, 4312, 4329, 4341, 4423, 4470, 4682, 4728, 4973, 4995, 5125, 5171, 5238, 5338, 5464, 5524, 5565, 5602, 5611, 5900, 5914, 5937, 6056, 6087, 6122, 6128, 6131-6132, 6171, 6240-6241, 6280, 6378, 6417, 6524, 6614, 6679-6680, 7056
- COLLAGEN DISEASES: 240, 468, 656, 792, 884, 1368, 3177, 3228, 3788, 3956, 4164, 4187, 5356, 6787, 7168
- COLLATERAL CIRCULATION: 456, 1458, 2055, 2874, 2901, 3774, 3896, 4314, 4611, 4744, 5782, 5802, 6428, 6446
- COLLOIDS: 386, 847, 1000, 3152, 3825, 3838, 4328, 4437, 5728, 6694, 6944, 7084
- COLOMBIA: 4532
- COLON: 28, 78, 2139-2140, 2587, 2711, 3803, 3855, 3991, 4078, 4355, 4409, 4573, 5680, 6181, 6973
- COLONIC DISEASES: 253, 1080, 1429, 3855, 3991, 4078, 4282
- COLONIC NEOPLASMS: 355, 1080, 1106, 2140, 3249, 4035, 4654, 6294, 6699
- COLOR: 3127, 6650
- COLOR BLINDNESS: 3663, 6912
- COLOR PERCEPTION: 3663
- COLOR PERCEPTION TESTS: 3663
- COLORIMETRY: 605, 663, 740, 1015, 1246, 1625, 1681, 2152, 2971, 3218, 3227-3228, 3628, 3728, 4312, 4374, 4675, 5077, 6314, 6575, 6802, 7035, 7054
- COLOSTRUM: 783, 1187, 2348, 2421, 5353
- COMA: 736, 4678
- COMB AND WATTLER: 3705, 5766
- COMMON BILE DUCT: 2461, 2966, 6568, 8661, 6936, 7275
- COMPARATIVE STUDY: 92, 123, 135, 158, 229, 505, 600, 638, 653, 660, 708, 718, 720, 734, 795, 887, 898, 982, 1012, 1015, 1092, 1142, 1237, 1345, 1480, 1499, 1684, 1770, 1822, 1982, 1999, 2030, 2126, 2212, 2290, 2314, 2354, 2390, 2430, 2468, 2504, 2520, 2596, 2710, 2758, 2781, 2801, 2823, 2832, 2863, 2939, 2963, 2971, 3020, 3023, 3169, 3281, 3307, 3348, 3388, 3402, 3512, 3516, 3561, 3638, 3697, 3707, 3825, 3838, 3858, 3963, 3971, 3984, 4053, 4110, 4238, 4281, 4297-4299, 4405, 4514, 4520, 4544, 4549, 4589, 4689, 4771, 4839, 4926, 4956, 5048-5049, 5062, 5076, 5078, 5134, 5188, 5200, 5251, 5333, 5358, 5436, 5444, 5503, 5588, 5665, 5700, 5707, 5774, 5795, 5802, 5821, 5838, 5850, 5852, 5949, 6158, 6237, 6250, 6326, 6425, 6499-6500, 6504, 6515-6516, 6536, 6552, 6555, 6575, 6635, 6700, 6704-6705, 6790, 6806, 6822, 6842, 6851, 6911, 6945, 6979, 6988, 7013, 7022, 7065, 7100, 7181, 7193
- COMPLEMENT: 9, 141, 165, 179, 263, 346, 612, 738, 747, 813, 829, 907, 1093, 1099, 1269, 1344, 1448-1450, 1643, 1771, 2118, 2292, 2348, 2428, 2540-2541, 2544, 2546, 2563, 2663, 2743, 2949-2950, 2969, 3121, 3255, 3408, 3473, 4024, 4119, 4165, 4197-4198, 4234, 4491-4492, 4569, 4613, 5026, 5036, 5298, 5323, 5569, 5709, 5745, 6073, 6086, 6130, 6189, 6198, 6286, 6465, 6502, 6767, 6825, 7094, 7241
- COMPLEMENT FIXATION TESTS: 141, 286, 352, 383, 488, 569, 813, 935, 991, 1128-1130, 1269, 1296, 2285, 2370, 2731, 2950, 2969, 3040, 3215, 3256, 3408, 3793, 3960, 4061, 4196, 4215, 4367-4368, 4606, 4613, 4639, 4857, 4956-4958, 5034, 5053, 5966, 6061-6062, 6088, 6175, 6242, 6286-6289, 6502, 6758, 6767, 7097, 7241
- COMPOUND 48-80: 177, 1807, 1835, 1940, 2070, 3121, 5007, 5749, 6747, 7059
- COMPUTERS: 426, 2063, 2229, 2642, 4049, 4243, 4837, 5597, 6861
- COMPUTERS, DIGITAL: 602, 854, 1029, 1241, 1665, 1815, 2225, 2598, 2604, 5787, 5863, 6762
- CONDUCTOMETRY: 914, 931, 1680, 2437
- CONGO RED: 3763
- CONJUNCTIVA: 197, 391, 874, 1564, 1845, 2903, 3288, 3639, 3714, 5239, 5653
- CONJUNCTIVITIS: 1812-1813, 5653
- CONNECTICUT: 4215
- CONNECTIVE TISSUE: 238, 758, 867, 1014, 1785, 2248, 2266, 2332, 2471, 2619, 2667-2668, 2684, 2749, 2935, 3092, 3135, 3431, 3575, 4329, 4467, 4995, 5121, 5315, 6067, 6378, 6671, 6787, 6797, 6897, 7044, 7191
- CONNECTIVE TISSUE CELLS: 2355, 4315, 6243
- CONSAUQUINITY: 1256, 1285, 1532, 1610, 1958, 2116, 3563, 3786, 4118
- CONSCIOUSNESS: 2420-2421
- CONSTRUCTION: 1119, 4776
- CONTACT INHIBITION: 841
- CONTACT LENSES: 1052, 3853
- CONTRACEPTION: 3661
- CONTRACEPTIVE AGENTS: 4094
- CONTRACEPTIVES, ORAL: 27, 41, 553, 670, 718, 814, 1052, 1090, 1572, 1575, 1720, 1727-1729, 1748, 1814, 2073, 2372, 3097, 3661, 3869, 4094, 4123, 4141, 4170, 4173, 4191, 4280, 4342, 4396-4398, 4546, 4719, 4944, 4997, 5027, 5052, 5083, 5115, 5272, 5363, 5391, 5399, 5499, 6425, 7002, 7076, 7247
- CONTRACTURE: 1853, 3180
- CONTRAST MEDIA: 432, 778, 1138, 1307, 1321, 1784, 1866, 2172, 2435, 2977, 3074, 3208, 3551, 4864, 6012, 6098, 6186, 6318, 6590
- CONTUSIONS: 1234, 1597, 1876, 4677, 4965, 6227, 8955
- CONVALESCENCE: 3587
- CONVULSIONS: 688, 1376, 2360, 3062, 3588, 3667, 4057, 4345, 5267, 6621
- COOKERY: 4194, 5504, 6006
- COOMBS' TEST: 488, 569, 899, 1352, 1430, 1750, 1848, 1914, 2283, 2299, 2874, 4925, 5041, 5429, 5453, 5569, 5966, 6088, 6194, 6380, 6540, 6598, 6767
- COPPER: 928, 1415, 1487, 1511, 1915, 2014, 2038, 2508, 2757, 2912, 3460, 4714, 5405, 5654, 5787, 5945, 6395, 6553
- CORN: 2623, 3574, 4511, 5245, 5339
- CORNEA: 210, 470, 513, 912, 1465, 1845, 2792, 2827, 3116, 3288, 3796, 3816, 4312, 4390, 4424, 4959, 5040, 5457, 6487, 6772, 7045
- CORNEAL OPACITY: 2709, 4390, 4424, 5239, 6093
- CORNEAL ULCER: 210
- CORONARY CARE UNITS: 8718
- CORONARY DISEASE: 55, 62, 290, 211, 278-279, 413, 433, 476, 534, 560, 734, 875, 938, 940, 993, 1027, 1053, 1266, 1500, 1514, 1518, 1665, 1672, 1757-1758, 1778, 1787, 1794, 1913, 2029, 2106, 2301-2302, 2363, 2480, 2890, 2901, 3071, 3225, 3254, 3261, 3579, 3582, 3709, 3726, 3755, 3758, 3802, 3818, 3870, 3884, 3952, 3976, 4098, 4133, 4231, 4318, 4363, 4386, 4388, 4393, 4414, 4449, 4520, 4596, 4611, 4653, 4702, 4850, 4876, 5072, 5137, 5189, 5208, 5245, 5253, 5339, 5410, 5545, 5627, 5704, 5761, 5782, 5833, 5835, 5971, 6071-6072, 6094, 6101, 6133, 6163, 6285, 6342, 6363, 6396, 6415, 6498, 6630, 6641, 6734, 6768, 6832, 6870, 6905, 6971, 6997, 7016, 7042, 7065, 7120, 7146, 7148, 7184, 7220, 7225, 7235
- CORONARY VESSEL ANOMALIES: 413
- CORONARY VESSELS: 38, 200, 245, 413, 653, 821, 1142, 1480, 1646, 1768, 1851, 1947, 2008, 2084, 2181, 2281, 2302, 2332, 2865, 2901, 3238, 3348, 3509, 3818, 4026, 4210, 4393, 4588, 4611, 5421, 5665, 5682, 5782, 5971, 6010, 6094, 6139, 6234, 6630, 6768, 6830, 6870, 6905, 7042
- CORTICOSTERONE: 2390, 3805, 3951, 4108, 4406
- CORTICOTROPIN: 105, 207, 347, 771, 857, 1615, 1699, 1870, 1950, 2493, 3320, 3530, 3885, 3892, 3951, 4091, 4108-4110, 4406, 4436-4437, 5141, 5374, 5415, 5422, 5606-5607, 5687, 5795, 6051, 6145, 6391, 6665
- CORTISONE: 1228, 1401, 1523, 2493, 2693, 3608, 3805, 4115, 4223, 4390, 4437, 4814, 5468, 6120, 6164, 6266, 6282, 6521, 6635, 6822, 6905, 7108, 7196
- CORYNEBACTERIUM: 2281
- COSMETICS: 1224
- COSMIC RADIATION: 5502
- COSTA RICA: 6234
- COSTS AND COST ANALYSIS: 2993, 3847, 4071
- COTTON: 2791
- COTTONSEED: 5020
- COUGH: 5632
- COUMARINS: 112, 135, 261, 576, 599, 685, 734, 923, 1824, 1871, 1928, 2261, 2339-2340, 2579, 2624, 2681, 2691, 2991, 3111, 3177, 3348, 3509, 3554, 3659, 3815, 3894, 4210, 4219, 4251, 4281, 4356, 4522, 4752, 5247, 5518, 5688, 6230, 6700, 6786, 7177, 7193
- COUNTERCURRENT DISTRIBUTION: 709, 1978, 2722, 4870, 6366
- COXSACKIE VIRUS INFECTIONS: 1028
- COXSACKIE VIRUSES: 1028, 3162, 5303, 6305
- CRANIAL FOSSA, POSTERIOR: 152, 2756
- CRANIAL NERVES: 1597
- CRANIOPHARYNGIOMA: 80, 4539, 5385, 5409, 5393
- CRANIOTOMY: 137, 1937, 3203, 3391, 3876, 4138, 5382
- CREATINE: 3702
- CREATINE KINASE: 135, 241, 815, 1361, 1380
- CREATININE: 14, 79, 337, 799, 1000, 1199, 1243, 1295, 1897, 1940, 2180, 2452, 2702, 2960, 3504, 3747, 3828, 4096, 4790, 5579, 5593, 5757, 6017, 6073, 6232, 6275
- CRESOLS: 2033, 5794, 5923, 5944
- CRETINISM: 106
- CROP, AVIAN: 515, 771
- CROSS INFECTION: 4114
- CROSS REACTIONS: 388, 1298, 1690, 2297, 2369, 2727, 2736, 3178, 4119, 4760, 5406, 5612, 5677, 6114, 7097
- CROSSES, GENETIC: 2323, 3660, 4326
- CROSSING OVER (GENETICS): 1137, 3200
- CROTON OIL: 2582, 4378, 6518
- CRUSTACEA: 330, 590, 1137, 1380, 1627, 2001, 3649, 5019, 5237, 5438, 6042, 6051, 7199-7201
- CRYOGENIC SURGERY: 341, 455, 1350, 1899, 2385, 2394, 2596, 3127, 3696-3699, 5758, 5774, 5860, 6243, 6962, 7129
- CRYOGLOBULINS: 603, 1540, 2118, 2426, 2470, 3953, 4112, 4154, 4817, 5067, 5123, 5227, 5709, 5778, 6773, 7168
- CRYOPROTECTIVE AGENTS: 96, 3839
- CRYOTHERAPY: 973, 5510, 6796
- CRYSTALLINS: 1179, 3629
- CRYSTALLIZATION: 322, 628, 787, 897, 1371, 1416, 2028, 2469, 2744, 2748, 3095, 3109, 3373, 3450, 3553, 3706, 4039, 4064, 4642-4643, 5087, 5186, 5433, 5944, 5969, 6022, 6280, 6617, 6929, 6930
- CRYSTALLOGRAPHY: 633, 1422, 4642-4643, 5161, 5479, 6086
- CULDOSCOPY: 4990
- CULTURE MEDIA: 34, 96, 168, 224, 451, 486, 517-518, 532, 550, 902, 989, 1108, 1121, 1154, 1237, 1248, 1257, 1273, 1371, 1481, 1537, 1561, 1585, 1607, 1614, 1942, 2026, 2152, 2190, 2197, 2202, 2241, 2468, 2634, 2648, 2726, 2887, 2989, 3078, 3181, 3312, 3450, 3524-3525, 3731, 3733, 3767, 3816, 3889, 4001, 4029, 4047, 4163, 4225, 4233, 4266-4268, 4333, 4376, 4403, 4444, 4529, 4574, 4639, 4670, 4713, 4786, 4816, 4892, 4939, 4985, 5147, 5158, 5307, 5475, 5623, 5630, 5753, 5771, 5783, 5792, 5895, 5945, 5961-5962, 6167, 6190, 6270, 6305, 6535, 6549, 6584, 6623, 6640, 6650, 6795, 6824, 6853, 6918, 6938, 6965, 6979, 7092, 7102, 7155, 7203
- CURARE: 751
- CURARE-LIKE AGENTS: 751
- CURETTAGE: 1138, 3813, 4330, 4859, 5893, 6277, 8869
- CURRENT BIOG-OBIT: 1041, 1268, 2196, 2232, 3131, 3996
- CUSHING'S SYNDROME: 2173, 2994, 3004, 5065, 6863-6864
- CYANATES: 613, 998, 1885, 2333, 2635, 3785, 7083
- CYANIDES: 45, 150, 335, 348, 402, 424, 663-664, 744, 864, 1065, 1201, 1299, 1340, 1391, 1415, 1563, 1653, 1963, 2004, 2080, 2182, 2308, 2393, 2493, 2621, 2686-2687, 2876, 2984, 3037, 3044, 3085, 3129, 3270-3271, 3353, 3378, 3472, 3871, 3989, 4031, 4274, 4598, 4759, 4839, 5000, 5053, 5064, 5067, 5125, 5169, 5914, 5928, 6083, 6394, 6626, 6644, 6707-6708, 6809, 7097, 7110, 7158
- CYANOSIS: 308, 553, 2166, 2208, 3301, 4097, 4789, 5466, 6703
- CYBERNETICS: 1655
- CYCLIC N-OXIDES: 4387, 7110
- CYCLIC S-OXIDES: 5420, 5794
- CYCLIZINE: 7044
- CYCLOHEPTANES: 3654, 4771
- CYCLOHEXANE: 2574, 2951, 6481
- CYCLOHEXANECARBOXYLIC ACIDS: 153, 155, 1656, 1819, 2447, 2499, 2611, 2694, 3096, 3207, 3233, 3374, 3626, 4021, 4109, 4791, 4972, 5015, 5173, 6535, 7044



# SUBJECT INDEX

CYCLOHEXIMIDE: 441, 1139, 3008, 3184, 3274, 3320, 3530, 3986, 4115, 4752, 5116, 5276, 5539, 6640, 6950  
 CYCLOPHOSPHAMIDE: 143-144, 320, 800, 2205, 2853, 3179, 3375, 3937, 4614, 4809, 5468, 5560, 5667, 5907, 6207, 7168  
 CYCLOSERINE: 3867, 7181  
 CYCLOSTOMES: 4801, 4837  
 CYLINDROMA: 5300  
 CYPRINIDAE: 2308, 4675, 4837  
 CYPROHEPTADINE: 1553, 2903, 5468, 7043-7044  
 CYSTADENOCARCINOMA: 3777  
 CYSTADENOMA: 2811, 3777, 4041, 6387  
 CYSTADENOMA, MUCINOUS: 3777, 4035, 5493  
 CYSTAMINE: 1244, 5968  
 CYSTEAMINE: 3241, 5759  
 CYSTEINE: 150-151, 322, 403, 505, 605, 892, 1006, 1122, 1152, 1327, 1333, 1380, 1391, 1481, 1609, 1653, 1864, 1878, 2184, 2330, 2333, 2549-2550, 2657, 2707, 2764-2766, 2808, 2876, 2984, 2986, 2999, 3035, 3443, 3450, 3772, 3956, 3976, 4109, 4143, 4416, 4762, 4796, 4822, 5021, 5106-5107, 5925, 5968, 6025, 6069, 6105, 6335-6336, 6462, 8535  
 CYSTIC FIBROSIS: 473, 1586, 1704, 1767, 2262, 2552, 2664, 6484, 6709-6710, 7214  
 CYSTINE: 505, 712, 1001, 1406, 1481, 1512, 1647, 2330, 2808, 2939, 3427, 4347, 4692, 4846, 5021, 5307, 6281, 6752, 6808-6809, 7155  
 CYTOSCOPY: 2919  
 CYSTS: 400-401, 1435, 1560, 1856, 2037, 2812, 2867, 3968, 4006, 4359, 4801, 4862, 5042, 5884, 6078, 6125, 6369, 6387, 6550, 6762  
 CYTARABINE: 4614, 4809, 7188, 7226  
 CYTOCHROME OXIDASE: 1320, 2659, 2661, 2975, 4535, 5666, 6783  
 CYTOCHROMES: 637, 810, 1201, 1342, 1356, 1416, 1422, 1576, 1976, 2308, 2459, 2565, 2789, 3037, 3244, 3407, 3468, 3485, 3658, 3863, 4166, 4230, 4267, 4294, 4608, 4642-4643, 4783, 4805, 4824, 4839, 4872, 5240, 5395, 5420, 5689, 5771, 5792, 6350, 6430, 6549, 6775, 6783, 6825, 6868, 7053, 7084, 7092  
 CYTODIAGNOSIS: 720, 4245, 7127  
 CYTOGENETICS: 2045, 2409, 4964, 5512, 5619, 6305, 7259  
 CYTOLOGY: 1024  
 CYTOMEGALIC INCLUSION DISEASE: 2170, 3531, 4691, 4956, 6175  
 CYTOMEGALOVIRUSES: 2253, 3531, 4691, 4956, 6175  
 CYTOPATHOGENIC EFFECT, VIRAL: 168, 431, 2101, 2142, 2253, 2865, 3376, 4254, 4376, 5073, 5142, 6305  
 CYTOPLASM: 301, 310, 325, 406, 567, 815, 1154, 1186, 1273, 1363, 1416, 1918, 1976, 2449, 2641, 2660, 2697-2698, 2899, 2977, 3033, 3167, 3182, 3603, 3606, 3711, 3811, 3966, 4917, 5466, 5591, 5677, 5897, 6084, 6150, 6523, 6553, 6640, 7110  
 CYTOPLASMIC GRANULES: 309-310, 412, 1186, 1228-1229, 1363, 1752-1753, 2201, 2215, 2321-2322, 2481, 2600, 2660, 2719, 3480, 3574, 3597, 3603, 4955, 5044, 5148, 5749, 6082, 6864  
 CYTOSINE: 1235  
 CYTOSINE NUCLEOTIDES: 543, 893, 1779, 1791, 2068, 4625, 6166, 7133  
 CZECHOSLOVAKIA: 971, 975, 1073, 2732, 2894, 3670, 5104, 5201

## D

DACTINOMYCIN: 229, 414, 441, 544, 567, 655, 1154, 1228, 2101, 2791, 3245, 3274, 3530, 3662, 3711, 3808, 3937, 3986, 4132, 4382, 4752, 5116, 5539, 6648  
 DAIRY PRODUCTS: 2521, 6006  
 DAPSONE: 4229, 4488  
 DARK ADAPTATION: 1465, 4624  
 DARKNESS: 782, 3854, 4598  
 DAUNOMYCIN: 843, 7188  
 DDD: 2773, 6391  
 DDT: 851, 2452  
 DEAF-MUTISM: 6648  
 DEAFNESS: 1134, 2889, 5090, 5722, 6852  
 DEATH: 4434  
 DEATH, SUDDEN: 1959, 4097, 6111, 6574  
 DEBRIDEMENT: 1508  
 DECALCIFICATION TECHNIC: 5694  
 DECREBRATE STATE: 736  
 DECIDUA: 4316, 5985

DECOMPRESSION SICKNESS: 1079, 2651, 4914  
 DEER: 2296, 6578  
 DEFICIENCY DISEASES: 183, 815, 1252, 1415, 1737, 3435, 4524, 5001, 5654, 5869, 6302, 6368, 6433  
 DEHYDRATION: 527, 5033, 6862  
 DEHYDRIC ACID: 509  
 DELAYED-ACTION PREPARATIONS: 528, 2073, 3069  
 DELIVERY: 138, 268, 379, 1311, 1697, 1875, 2146, 2440, 2987, 3219, 3544, 4171-4172, 4580-4581, 4583, 5678, 5978  
 DEMENTIA, PRESENILE: 422  
 DEMOGRAPHY: 670  
 DEMYELINATION: 6034  
 DENDRITES: 6183  
 DENERVATION: 289, 1664, 3210, 3351  
 DENGUE: 1815, 2387-2370, 4606  
 DENGUE VIRUS: 2387-2370, 3860, 4606, 6190-6191  
 DENMARK: 1268, 3131, 5774, 6289, 6948  
 DENSITOMETRY: 603, 680, 781, 796, 931, 1015, 1220, 1308, 1464, 1644, 1717, 1786, 2212, 2649, 2749, 2753, 2807, 3092, 3234, 3924, 4020, 4031, 4283, 4585, 4759, 4952, 5029, 5320, 5456, 5836, 6531, 6790, 6933, 7028, 7098  
 DENTAL AMALGAM: 5798  
 DENTAL CARIES: 3827, 3870, 4482  
 DENTAL CAVITY PREPARATION: 6869  
 DENTAL ENAMEL: 3827  
 DENTAL OCCLUSION: 3900  
 DENTAL PLAQUE: 3128, 4622-4623, 5856, 6023-6024, 6026  
 DENTAL PROPHYLAXIS: 6869  
 DENTAL PULP: 3944, 4482, 5127, 5753  
 DENTAL PULP CAPPING: 5127, 6869  
 DENTIN: 5694  
 DENTINOGENESIS: 6255  
 DENTISTRY: 3856  
 DENTISTRY, OPERATIVE: 6021  
 DENTITION: 1955  
 DENTURE, PARTIAL, FIXED: 6869  
 DEOXYRIBONUCLEASE: 226, 437-438, 532, 793, 978-979, 1137, 1231, 1330, 1558, 1849, 1905, 2026, 2152, 2305, 2353, 2556, 2561-2562, 2655, 2657, 2839, 2896, 3223, 3349, 3451, 3577, 3678, 3701, 3798, 3834, 4250, 4259, 4270-4271, 4334, 4357, 4676, 4758-4760, 4766, 4768, 4834, 4910, 5305, 5317, 5449, 5635, 5888, 6011, 6106, 6339, 6390, 6591, 6619, 6689, 6946, 6965, 7010, 7060, 7157  
 DEPRESSION: 3398, 4455, 5399, 7039  
 DEPRESSION, CHEMICAL: 142, 183, 229, 238, 326, 387, 441, 459-460, 529, 638-637, 657, 810, 925, 980, 1142, 1273, 1382, 1452, 1486-1488, 1645, 1684, 1816-1817, 1896, 1915, 1976, 2006-2007, 2026, 2080, 2138, 2390, 2508, 2650, 2791, 2797, 2828, 2863, 2970, 2976-2977, 3034, 3052, 3140, 3145, 3169, 3184, 3234, 3254, 3261, 3313, 3320, 3346, 3374, 3386, 3410, 3431, 3469, 3485, 3495, 3510, 3512, 3621, 3666, 3712, 3840, 3862, 3963, 3966, 3989, 4016, 4033, 4045, 4051, 4341, 4503, 4514, 4555, 4573, 4588, 4625, 4687, 4705, 4749, 4755, 5146, 5219, 5358, 5380, 5523, 5611, 5665, 5793, 5795, 5802, 5804, 5821, 5917, 6020, 6029, 6056, 6104, 6310, 6347, 6359, 6394, 6452, 6516, 6518, 6591, 6640, 6643, 6704-6706, 6717, 6747, 6768, 6924, 7026, 7270-7271  
 DERMAL SINUS, CONGENITAL: 1435  
 DERMATITIS: 2287, 5010, 5609  
 DERMATITIS, ATOPIC: 6066, 6247-6248, 7241  
 DERMATITIS, CONTACT: 51, 53, 1099, 1280, 2472, 2915, 2937, 5624, 6138, 6247-6248, 7037, 7218  
 DERMATITIS HERPETIFORMIS: 1366, 4468, 5590  
 DERMATITIS MEDICAMENTOSA: 2195, 2472, 2644, 3115, 5333  
 DERMATOGLYPHICS: 1664  
 DERMATOLOGIC AGENTS: 83, 5707, 6519  
 DERMATOMYOSITIS: 5387, 7267  
 DERMATOMYOSITIS: 240, 792, 2684, 6787  
 DERMATOPHYTES: 4156, 5387  
 DERMOID CYST: 2012, 4041, 5278, 6387  
 DESCMET'S MEMBRANE: 1845, 3116  
 DESENSITIZATION: 6247-6248  
 DESIPRAMINE: 368, 4833, 5347, 6058, 6470  
 DESOXYCORTICOSTERONE: 638, 1523, 5795, 5807, 7108  
 DESULFOVIBRIO: 2457, 4025  
 DETERGENTS: 304, 567, 613, 807, 810, 853, 1464, 1512, 2140, 2150, 2227, 2502, 2589, 2937, 3066, 3260, 3264, 3347, 3574, 3797, 4214, 4465, 4571, 6444, 3115, 5333

5188, 5355, 5657, 5769, 6013, 6138, 6221, 6394, 6801, 6999, 7218  
 DEUTERIUM: 521, 559, 1763, 3048, 4175-4176, 5106, 5938, 6394  
 DEXAMETHASONE: 2700, 2827, 5706, 6209, 7044  
 DEXTRAN: 66, 177-178, 242, 282, 288, 298, 362, 373, 509, 529, 543, 686, 695, 766, 785, 869-870, 873, 902, 936, 1079, 1150, 1161, 1172, 1223, 1452, 1460, 1551, 1618-1619, 1650, 1699, 1751-1753, 1822, 1826, 1947, 2001, 2009, 2079, 2177, 2188, 2194, 2325, 2402, 2430, 2441, 2494, 2504, 2597, 2851, 2869, 2777, 2837, 2933, 3032, 3103-3104, 3458, 3516, 3539, 3581, 3599, 3609, 3643, 3685, 3689, 3747, 3750, 3825, 3838, 3917, 3949, 4053, 4079, 4090, 4197, 4241, 4244, 4417, 4432, 4479, 4589, 4599, 4609, 4831, 4879, 4914, 5003, 5017, 5022, 5033, 5048, 5058, 5100, 5110, 5158, 5244, 5275, 5285, 5331, 5341-5342, 5353, 5611, 5728, 5751, 5769, 5791, 5815, 5824, 5836, 5884, 6109, 6253-6254, 6342, 6371, 6389, 6395, 6410, 6454, 6507, 6530, 6624, 6637, 6675, 6747, 7070-7071, 7160, 7243  
 DEXTROTHYROXINE: 3220  
 DIABETES MELLITUS: 129, 387, 533, 535-536, 645, 922, 967, 1055, 1293, 1331-1332, 1350, 1453, 1514, 1658, 1758, 1781, 1806, 1946, 1975, 2023, 2212, 2784, 2849, 2909, 2960, 2991, 3444-3445, 3550, 3570, 3638, 4015, 4065, 4133, 4231, 4477, 4623, 4709, 5041, 5083, 5181, 5195, 5266, 5712, 5774, 5799, 5846, 5854, 5884, 5977, 6147, 6285, 6628, 6630, 6665, 6905, 6972, 7031, 7072, 7146, 7263  
 DIABETES MELLITUS, JUVENILE: 4656  
 DIABETIC ANGIOPATHIES: 714, 923, 1293, 2023, 2191-2192, 2286, 2301, 2994, 3444, 6068, 6376, 6823  
 DIABETIC COMA: 5033  
 DIABETIC NEPHROPATHIES: 3790  
 DIABETIC NEUROPATHIES: 1739  
 DIABETIC RETINOPATHY: 560, 1536, 1764, 2493, 3548, 3639, 4092, 4133, 6353, 6792  
 DIAGNOSIS, COMPUTER ASSISTED: 6762  
 DIAGNOSIS, DIFFERENTIAL: 62, 96, 313, 349, 359, 367, 396, 443, 445, 468, 488, 573, 607, 622, 628, 662, 748, 801, 904, 1050, 1126-1127, 1325, 1328, 1362, 1425, 1430, 1435, 1459, 1492, 1522, 1548, 1552, 1559, 1655, 1714-1715, 1739, 1789, 1827, 1831, 1906, 1935, 1938, 1960, 1973, 2076, 2082, 2097, 2116, 2122, 2146, 2207, 2264, 2324, 2326, 2338, 2557-2559, 2572, 2587, 2592, 2670, 2676-2677, 2746, 2919, 2936, 2954, 2973, 3002, 3074, 3185, 3258, 3292, 3383, 3387, 3392, 3415, 3486, 3501, 3536, 3540, 3591, 3607, 3663, 3738, 3764, 3780, 3810, 3812, 3943, 3946, 3948, 4057, 4069, 4097, 4140, 4252, 4262, 4338, 4359, 4391, 4428, 4468, 4531, 4543, 4568, 4592, 4640, 4662, 4708, 4801, 4847, 4862, 4864, 4856, 5010, 5121, 5211, 5236, 5382, 5465, 5537, 5556, 5609, 5628, 5671, 5678, 5693, 5711, 5719, 5731, 5743, 5797, 5823, 5928, 5959, 5993, 6093, 6098-6099, 6148, 6219, 6239, 6257, 6296, 6304, 6319, 6404, 6431, 6495, 6526, 6550, 6687, 6616, 6656, 6703, 6730, 6769, 6785, 6859, 6954, 6993, 7126, 7136, 7142, 7159, 7221-7222, 7263-7267, 7279-7280  
 DIAGNOSIS, LABORATORY: 288, 1616, 1622, 4477, 4808, 5095, 5784  
 DIAGNOSIS, ORAL: 4477  
 DIAGNOSIS, SURGICAL: 835, 6526  
 DIAGNOSTIC ERRORS: 3292  
 DIALYSIS: 139, 264, 402, 810, 898, 928, 1065, 1273, 1348, 1398, 1471, 1509, 1791, 1902, 1942, 2305, 2331, 2430, 2437, 2747, 2792, 2814, 2988, 3045, 3095, 3139, 3153, 3255, 3456, 3516, 3694, 4132, 4224, 4494, 4503, 4683, 4923, 5026, 5059, 5210, 5355, 5554, 5684, 5895, 6065, 6327, 6384, 6395, 6551, 6646, 6689, 6989  
 DIAPHRAGM: 657, 3583, 4480, 4987, 5038, 5884, 6152  
 DIAPHRAGMATIC HERNIA: 430, 791, 1425, 4874  
 DIAPHRAGMATIC HERNIA, TRAUMATIC: 6955  
 DIARRHEA: 253, 502, 825, 941, 1115, 1482, 1561, 2148, 3981, 4409, 4696, 5333, 6041, 6699  
 DIARRHEA, INFANTILE: 447, 845, 2147, 4097, 5621  
 DIATHERMY: 341, 2596, 3697-3698, 4626  
 DIATHESIS: 6433  
 DIATRIZOATE: 726, 5573, 6318  
 DIAZEPAM: 1950  
 DIAZONIUM COMPOUNDS: 1231, 2103, 2135, 2662, 2810, 4448, 6443  
 DIAZOXIDE: 5468, 5803



# SUBJECT INDEX

- DIBENAMINE: 2381-2382, 4239, 4436  
 DIBENZAZEPINES: 6470  
 DICARBOXYLIC ACIDS: 5081  
 DIENCEPHALON: 4442  
 DIET: 40, 142, 189, 275, 428, 477, 820, 825, 925, 1207, 1402, 1744, 1747, 1925, 3089, 3316, 3338, 3549, 3686, 3965, 4285, 4293, 4418, 4470, 4618, 5189, 5245, 5626, 5684, 5739, 5884, 5913, 6101, 6359, 6433, 7104, 7148, 7271  
 DIET, ATHEROGENIC: 71, 173, 183, 200, 329, 440, 477, 481, 575, 634, 821, 912, 925, 1027, 1070, 1233, 1246, 1319, 1334, 1378-1379, 1402, 1514, 1843, 1929, 2084, 2471, 2798, 2826, 2908, 3051, 3090, 3206, 3402, 3582, 3606, 3762, 3766, 3789, 3818, 3870, 3875, 3965, 3975, 4066, 4364, 4597, 4616, 4679, 4704-4705, 4832, 4896-4897, 4983-4984, 5144-5145, 5189, 5329, 5336, 5380, 5457, 5568, 5739, 5833, 5835, 5956, 5971, 6032, 6101, 6112, 6127-6128, 6434, 6439, 6449, 6694-6695, 6812, 6833, 6870, 6885, 6905, 6970-6971, 6997, 7099-7100, 7104, 7225  
 DIET, REDUCING: 1514, 2456, 5761  
 DIET THERAPY: 200, 1378, 1588, 2200, 2259, 3579, 3965, 4416, 4832, 5416, 5671, 5728, 5998, 6367, 6466, 6833, 7127  
 DIETARY CARBOHYDRATES: 71, 255, 428, 820, 825, 1592, 1843, 2343, 3827, 3870, 3965, 5728, 5835, 6309, 7104  
 DIETARY FATS: 40, 183, 200, 428, 440, 820, 925, 1027, 1155, 1210, 1220, 1744, 1746, 2278, 2343, 3120, 3238, 3638, 3766, 3965, 3975, 4056, 4066, 4098, 4896-4897, 4983, 5144, 5245, 5320, 5336-5339, 5457, 5855, 5956, 6342, 6784, 7173, 7225  
 DIETARY PROTEINS: 40, 428, 820, 1354, 2114, 2343, 2783, 2907, 3138, 3666, 5686, 6213, 6367, 6961, 7148  
 DIETETICS: 5504  
 DIETHYLSTILBESTROL: 564, 2354, 2673, 3805, 4050, 6797  
 DIFFUSION: 423, 724, 1144, 2225, 2231, 2241, 3393, 4283, 4985, 5080, 5388, 5661, 5948, 6221  
 DIGESTANTS: 1012, 3528  
 DIGESTION: 128, 203, 255, 1135, 1212, 3388, 3417, 3666, 4601, 6006, 6325, 6401  
 DIGITALIS GLYCOSIDES: 1142, 1474, 1933, 2787, 5033  
 DIGITOXIN: 2673, 6746  
 DIGOXIN: 4157, 5840  
 DIHYDROSTREPTOMYCIN: 491  
 DIHYDROTACHYSTROL: 5337, 6691  
 DIHYDROXYPROGESTERONE: 718  
 DIHODOTYROSINE: 106, 3673, 5817  
 DILATATION: 1138, 1908, 2563, 4262, 4966, 5576, 6620  
 DIMERCAPROL: 1483, 1755, 6351  
 DIMETHYL SULFOXIDE: 98, 1019, 1225, 1468, 2680, 3222, 3267, 3627, 3839, 4175-4176, 4237, 5388, 5468, 5791, 5807, 6473, 7040  
 DIMETHYLAMINOAZOBENZENE: 6346  
 DIMETHYLFORMAMIDE: 2804, 2810, 6924  
 DINITROPHENOLS: 51-53, 105, 372, 648, 762, 830, 1001, 1356, 1473, 1477, 2004, 2221, 2329, 2711, 3129, 3181, 3461, 3648, 3650, 3736, 3871, 3974, 4051, 4109, 4670, 4742, 4861, 4911, 4913, 5974, 6644, 7043, 7049, 7089-7090  
 DIOXINS: 1117, 3401  
 DIOXIDES: 133  
 DIPEPTIDASES: 1483, 1918, 2684, 3192, 3460, 3660, 4504, 4601, 6548  
 DIPEPTIDES: 199, 1482, 1501, 1763, 2486, 2682, 2685-2687, 2707, 3192, 3460, 3660, 3742, 4214, 4444, 5077, 5945, 6085, 6535  
 DIPHENADIONE: 1149  
 DIPHENHYDRAMINE: 1367, 1445, 5347, 6753, 7043-7044  
 DIPHENOL OXIDASES: 4562, 4675  
 DIPHENYLACETIC ACIDS: 5076  
 DIPHENYLHYDANTOIN: 1061, 1306, 1701-1703, 4411, 4588, 6707-6708, 7105  
 DIPHTHERIA: 3622  
 DIPHTHERIA ANTITOXIN: 783, 4349  
 DIPHTHERIA TOXIN: 3241  
 DIPHTHERIA TOXOID: 3577, 3622, 4118, 4511  
 DIPLOCOCCUS PNEUMONIAE: 408, 2924, 4037  
 DIPLOIDY: 4078, 6597  
 DIPLOPIA: 207, 3821, 7130  
 DIPTERA: 420  
 DIPYRIDAMOLE: 733, 785, 1051, 1280, 1424, 1644, 3176-3177, 3842, 4019, 4134, 4687, 5023, 5029, 5663, 5782, 6746, 7191  
 DISABILITY EVALUATION: 2031, 7236  
 DISACCHARIDES: 1405, 1427, 3566, 3926  
 DISEASE: 1655, 5852, 6814  
 DISEASE MODELS, ANIMAL: 53, 96, 200, 220, 377, 503, 764, 1561, 1578, 1612, 1640, 1649, 1736, 1764, 1931, 1937, 2127-2128, 2252, 2325, 2409, 2493, 2846, 2888, 2915, 3164, 3420, 3458, 3638, 4026, 5160, 5336, 5573, 5867, 5950, 5956, 6424, 6446, 6477, 6747, 6753, 6821, 7004, 7188  
 DISEASE OUTBREAKS: 1355, 6007  
 DISEASE RESERVOIRS: 4532  
 DISEASE VECTORS: 4215, 4532  
 DISEASES IN TWINS: 581, 2071, 6708  
 DISGERMINOMA: 3937  
 DISINFECTANTS: 2162  
 DISLOCATIONS: 969, 1497, 2189, 2516, 3900  
 DISPOSABLE EQUIPMENT: 1188  
 DISSECTION: 2362  
 DISSEMINATED INTRAVASCULAR COAGULATION: 50, 308, 554, 1158, 1181, 1410, 2143, 2528, 2580, 3589, 3705, 3886, 5365, 6113, 6414, 7278  
 DISSOCIATIVE REACTION: 58  
 DISULFIRAM: 3220  
 DIURESIS: 1619, 2390, 3313, 3643, 3838, 4919, 4921, 6452, 6530, 6637  
 DIURETICS: 1365, 1933, 2767, 3579, 3715, 4210, 5058, 5386, 6991, 7269  
 DIURETICS, MERCURIAL: 424, 636, 1901, 2359, 2531, 3113, 6750, 7022  
 DIVERTICULITIS: 4069  
 DIVERTICULOSIS: 2461, 3540  
 DIVERTICULOSIS, COLONIC: 430, 6294  
 DMF INDEX: 6869  
 DNA: 263, 303, 370, 406-407, 454, 1102, 1235, 1511, 1698, 2026, 2045, 2221-2222, 2323, 2352-2353, 2445, 2556, 2655, 2729, 2813-2815, 2864, 2852, 3125-3126, 3633, 3678, 3733, 4060, 4115, 4334, 4758, 4876, 4893, 4911-4912, 4917, 4952, 5041, 5051, 5378, 5418, 5547, 5820, 6002, 6112, 6390, 6449, 6619, 6648, 7004, 7007  
 DNA, BACTERIAL: 2152, 2202, 2928, 3223, 3889, 4676, 4923, 5657, 6689  
 DNA, NEOPLASM: 1235, 2205  
 DNA NUCLEOTIDYL-TRANSFERASE: 805, 3223  
 DNA REPLICATION: 4257-4258, 5557  
 DNA, VIRAL: 807, 2019, 3834, 4257-4258, 4831, 8968  
 DOG DISEASES: 445, 976, 986, 1890, 2591, 2721, 2763, 4225, 5643, 6159, 6972, 7208, 7229  
 DOGS: 8, 14, 33, 103, 157, 180, 204, 209, 218-219, 245, 259, 282, 284-285, 289-290, 337, 371, 428, 445, 457, 503, 525, 557, 594-595, 632-634, 652, 660, 678, 681-682, 684, 719, 759, 763-764, 767, 798-799, 850-851, 857-859, 867, 921, 978, 980, 986, 1000, 1012, 1017, 1027, 1044, 1064, 1078, 1118-1119, 1125, 1149, 1166, 1168, 1189-1190, 1210, 1218, 1241, 1261, 1333, 1347, 1351, 1378-1379, 1382, 1401, 1427, 1445, 1470, 1480, 1507, 1553, 1574, 1602, 1608, 1612, 1640, 1645-1646, 1649, 1699, 1725, 1734, 1770, 1790, 1792, 1802, 1861-1862, 1885, 1890, 1896, 1910, 1922, 1937, 1946-1947, 1972, 1986, 1989, 1997, 2032, 2034, 2050, 2107, 2109, 2119, 2127-2128, 2158, 2177-2178, 2233, 2254, 2256, 2325, 2335-2336, 2343, 2345-2346, 2350, 2389-2390, 2392, 2403, 2405, 2411, 2413, 2429, 2441, 2517, 2591, 2612, 2627, 2650-2651, 2684, 2710, 2718, 2721, 2739, 2747, 2763, 2781, 2832, 2836, 2844, 2846, 2852, 2887, 2900, 2911, 3015, 3067, 3098, 3112, 3116, 3135, 3165, 3168-3169, 3174, 3217, 3233, 3265, 3289, 3348, 3354, 3400, 3431, 3457-3459, 3469, 3475-3476, 3488, 3542-3543, 3555, 3558, 3618, 3647, 3690-3691, 3836, 3838, 3858, 3868, 3878, 3890, 3896, 3919, 3943, 3975, 3991, 4007, 4011, 4028, 4049, 4095, 4135, 4225, 4227, 4237, 4244, 4279, 4283, 4290, 4308, 4325, 4364, 4372, 4389, 4393, 4497, 4500, 4508, 4521, 4539, 4541, 4544, 4549, 4573, 4587-4588, 4611, 4629-4632, 4638, 4641, 4697-4699, 4702, 4755-4756, 4776, 4782, 4795, 4803, 4821, 4935, 5007, 5108, 5127, 5143, 5173, 5179, 5196, 5209-5210, 5230, 5282, 5296, 5348, 5353, 5374, 5381, 5421, 5441, 5464, 5514, 5542, 5562, 5573, 5576, 5624, 5636, 5643, 5661, 5665, 5675, 5710, 5714, 5723, 5728, 5782, 5828, 5853, 5912, 5931, 5957, 5972, 5988, 5992, 6037, 6059-6060, 6064-6065, 6094, 6100, 6115, 6128, 6139, 6159, 6204, 6208, 6213, 6340, 6391, 6457, 6485, 6507, 6515, 6561, 6568, 6575, 6609, 6636, 6644, 6691, 6705-6706, 6747, 6753, 6763, 6780, 6793, 6796, 6811, 6816, 6821, 6849, 6893, 6903, 6910, 6916, 6922, 6939, 6944, 6959, 6972, 7003, 7023-7024, 7032, 7035, 7042, 7059, 7079, 7086, 7098, 7144, 7151, 7156, 7208, 7226, 7229, 7243  
 DOLPHINS: 5375  
 DOPA: 1115, 1229, 1361, 2823  
 DOPA DECARBOXYLASE: 2533  
 DOPAMINE: 661, 811, 1282, 4147, 4955  
 DOSAGE FORMS: 2673, 2891, 3527, 5720  
 DRACUNCULUS: 1400  
 DRAINAGE: 192, 676, 1393, 1774, 1934, 2056, 2414, 3284, 3436, 3707, 3803, 3991, 5310, 6298, 6420, 6502, 6513, 6823, 6874  
 DRINKING: 527  
 DROSOPHILA: 1408, 3245  
 DRUG ABUSE: 1479, 2236, 5508  
 DRUG ADDICTION: 1479  
 DRUG ADULTERATION: 3862  
 DRUG ANTAGONISM: 177, 261, 322, 338, 1413, 1871, 2266, 2681, 2767, 2769, 2868, 3111, 3220, 3287, 4032, 4223, 4542, 4752, 5033, 6035, 6043, 6070, 6307, 6521, 6903, 7029, 7197  
 DRUG COMPOUNDING: 1000, 2673  
 DRUG CONTAINERS AND CLOSURES: 1383, 3377, 3906  
 DRUG HYPERSENSITIVITY: 489, 627, 730, 1191, 2150, 2291, 2451, 2633, 2918, 3531, 3646, 4576, 4769, 4915, 5295, 5326, 5446, 5838, 6163, 6469, 6590, 6708, 7142, 7189, 7223  
 DRUG INCOMPATIBILITY: 2769  
 DRUG INDUSTRY: 2732  
 DRUG LABELING: 2859, 5717  
 DRUG RESISTANCE, MICROBIAL: 523, 1248, 1951, 2244, 2349-2350, 2359, 2506, 2896, 3625, 4029, 4670, 5995, 6538, 6566, 6840, 6882, 6760, 8853  
 DRUG STABILITY: 139, 199, 250, 480, 493, 515, 611, 741, 771, 898, 978, 1033-1034, 1096, 1251, 1751, 1791, 1795, 1798, 1963, 2001, 2028, 2048, 2133, 2145, 2373, 2704, 2792, 2813-2814, 2872, 2912, 2941, 2971, 3049, 3139, 3204, 3213, 3401, 3460, 3628, 3701, 3908, 4108, 4412, 4506, 4622, 4663, 4672, 4714, 4717, 4762, 4768, 4930, 5000, 5022, 5257, 5259, 5389, 5895, 5973, 6280, 6553, 6575, 6650, 6788, 6978, 7128  
 DRUG STORAGE: 898, 900, 1383, 2107, 3906, 5883  
 DRUG SYNERGISM: 32, 195, 261, 285, 610, 810, 880, 938, 1060, 1149, 1413, 1615, 1699, 1758, 1817, 1871, 1966, 2644, 2690-2691, 2723, 2767-2769, 2781, 2868, 3111, 3171, 3191, 3220, 3224, 3249, 3261, 3287, 3465, 3510, 3545, 3925, 4033, 4141, 4185-4186, 4223, 4489, 4589, 4720, 4809, 5027, 5029, 5177, 5372, 5422, 5552-5553, 5734, 5804, 6035, 6043, 6441, 6454, 6583, 6603, 6889, 6903, 6945, 6994, 7043, 7188, 7191  
 DRUG THERAPY: 701-702, 850, 1358, 1479, 1530, 2769, 2898, 3856, 4157, 5386, 6035, 6814, 7223  
 DRUG TOLERANCE: 387, 1270, 1411-1412, 2762, 4753, 4770, 5224, 6053, 6501, 7223  
 DRUGS: 517-518, 850-851, 1141, 1176, 1703, 2799, 4157, 5177, 5388, 5659, 6035, 6889, 7223  
 DRY SOCKET: 548, 948  
 DUCKS: 5381, 5710, 6577  
 DUCTUS ARTERIOSUS, PATENT: 416, 5009  
 DUODENAL DISEASES: 2461, 6031, 6670  
 DUODENAL NEOPLASMS: 6774  
 DUODENAL OBSTRUCTION: 1903, 1908, 3088  
 DUODENAL ULCER: 448, 1425, 1742, 2284, 2721, 3088, 3351, 4534, 7017, 7019, 7265  
 DUODENUM: 483, 687, 783, 855, 1101, 1600, 1817, 1862-1863, 2130, 2420, 2783, 2931, 3010, 3088, 3190, 3677, 3857, 3913, 4226, 4628, 4945, 4955, 5187, 5282, 5601, 5616, 5979, 6181, 6627, 6774, 7018-7019, 7127  
 DUPUYTREN'S CONTRACTURE: 1797  
 DURA MATER: 814, 1831, 2050, 7279  
 DUST: 2227, 3797, 4553, 6339  
 DWARFISM: 5654  
 DWARFISM, PITUITARY: 2848  
 DYE DILUTION TECHNIC: 3101, 5253, 6910  
 DYES: 1482, 2112-2113, 2598, 2903, 2983, 3036, 3125-3126, 3763, 3860, 4007, 4224, 4427, 4511, 4733, 5384, 7044  
 DYSCHONDROPLASIA: 975, 3428, 5693, 5711  
 DYSENTERY: 2311  
 DYSENTERY, BACILLARY: 1538, 3141  
 DYSLEXIA: 235  
 DYSMENORRHEA: 3848  
 DYSpareunia: 5867, 6845



# SUBJECT INDEX

DYSPEPSIA: 1280, 1570, 3528  
 DYSPEA: 2287, 3725, 5668, 6703, 7014  
 DYSPEA, PAROXYSMAL: 5729, 6495  
 DYSPROSIUM: 3512  
 DYSTONIA MUSCULORUM DEFORMANS: 1115

**E**

EAR: 723, 2059, 2275-2278, 3514, 6256  
 EAR DISEASES: 5090, 6162  
 EAR, EXTERNAL: 193, 2174, 2973, 5834  
 EAR, EXTERNAL, DEFORMITY: 1262, 1785, 2174  
 EAR, MIDDLE: 1840, 6688, 6852, 7047, 7167  
 EAR NEOPLASMS: 1769, 5834  
 EAR OSSICLES: 6018, 6162, 6680, 6688  
 EATING: 657, 6359  
 ECCENTRO-OSTEOCHONDRODYSPLASIA: 2709, 6093, 6479  
 ECCHYMOSIS: 2213, 2492, 4212, 4489, 6362  
 ECHINOCOCCOSIS: 6387  
 ECHINOCOCCOSIS, HEPATIC: 739  
 ECHINOCOCCOSIS, PULMONARY: 4862  
 ECHINODERMATA: 206, 330, 364-366, 806, 1668, 3182, 3986-3987, 4435, 5349  
 ECHO VIRUS INFECTIONS: 1028  
 ECHO VIRUSES: 1028, 5303, 6305  
 ECHOENCEPHALOGRAPHY: 60-61, 91, 216, 2532, 3041  
 ECLAMPSIA: 137-138, 2528, 4546, 5768, 6016-6017, 6137  
 ECOLOGY: 956, 4047, 5887  
 ECONOMICS, MEDICAL: 753  
 ECTHYMA: 2196, 3996  
 ECTODERM: 3004, 3644  
 ECTODERMAL DYSPLASIA: 2324  
 ECZEMA: 1368, 2684, 2937, 4166, 6084, 6648  
 EDEMA: 21, 207, 218-219, 464, 903, 980, 1014, 1052, 1198, 1451-1452, 1611, 1621, 1714-1715, 1845, 1887, 1953, 2117, 2390, 2755, 2865, 3032, 3087, 3334, 3400, 3581, 3656, 3734, 3775, 3796, 3900, 3981, 4023, 4040, 4121, 4384, 4467, 4685, 4808, 4849, 4919, 4965, 5331, 5358, 5386, 5467, 5494, 5576, 5764, 5826, 5960, 6089, 6195, 6446, 6455, 6516, 6536, 6596, 6605, 6648, 6718, 6747, 6762, 6916, 7243  
 EDTA: 118, 119, 188, 191, 567, 617, 756-757, 782, 846, 914, 1051, 1150, 1257, 1297, 1501, 1551, 2009, 2080, 2133, 2206, 2225, 2348, 2530, 2660, 2686-2687, 2704, 2743, 2747, 2749, 2792, 2838, 2866, 2911, 2934, 3008, 3034, 3218, 3246, 3477, 3485, 3489, 3547, 3586, 3678, 3839, 3844, 3879, 4024, 4234, 4257, 4265-4266, 4351, 4366, 4492, 4536, 4545, 4563, 4566, 4731, 4762, 4830, 5011, 5020, 5059, 5273, 5746, 5765, 5836, 6009, 6058, 6067, 6142-6143, 6331, 6335-6336, 6351, 6389, 6440, 6522, 6549, 6634, 6825, 6880, 7063, 7166  
 EDUCATION: 5394  
 EDUCATION, DENTAL: 4477  
 EELS: 990, 4074, 4683  
 EFFICIENCY: 1479  
 EGG WHITE: 171, 891, 2113, 4837, 6213  
 EGG YOLK: 741, 891, 3034, 3045, 3818, 5961, 6213, 6979  
 EGGS: 891, 5649, 5813  
 EGYPT: 4324  
 EHLERS-DANLOS SYNDROME: 430, 1368, 7280  
 EIMERIA: 2573, 5913  
 EJACULATION: 4122, 7122  
 ELASTIC TISSUE: 38, 2248, 2332, 2471  
 ELASTICITY: 867, 931, 1689, 1944, 3018, 4237, 4549, 4727, 5424, 6364  
 ELASTIN: 2048, 2389, 2545, 2911, 3763, 4038, 5400-5402, 6128, 6522, 6603  
 ELBOW: 2161  
 ELBOW JOINT: 3979  
 ELECTRIC CONDUCTIVITY: 684, 3071, 6601  
 ELECTRIC COUNTERSHOCK: 5253, 5825  
 ELECTRIC INJURY: 2  
 ELECTRIC ORGAN: 4074-4075, 4683  
 ELECTRIC STIMULATION: 684, 1499, 1930, 2711, 2903, 3236, 3535, 3896, 4122, 4512, 6033, 6104, 6676  
 ELECTROCARDIOGRAPHY: 133, 135, 245, 294, 367, 535-536, 564, 887, 1067-1068, 1217, 1263, 1368, 1480, 1578, 1802, 1909, 1980, 2127, 2252, 2281, 2325, 2441, 2480, 2577, 2612, 2954, 3002, 3024, 3268, 3469-3470, 3486, 3744, 3789, 4026, 4098, 4133, 4388, 4520, 4541, 4712, 4725, 5170, 5253, 5363, 5410, 5573, 5668, 5802, 5833, 6169,

6832, 6870, 6904, 6997, 7042, 7065, 7132, 7184, 7266  
 ELECTROCHEMISTRY: 4014, 4907, 6094, 6203-6204  
 ELECTROCOAGULATION: 973, 2011, 2154, 2516, 3578, 3699, 4174, 6038-6039, 7129  
 ELECTRODES: 1680, 3854, 4351, 5354, 5498, 6203  
 ELECTRODIAGNOSIS: 6094  
 ELECTROENCEPHALOGRAPHY: 60-61, 91, 216, 292, 311, 748, 1115, 1376, 1640, 1863, 1950, 2484, 2812, 3506, 3667, 4345, 4725, 5061, 5290, 5544, 5700, 5832, 6730, 6794, 6959, 7052, 7279  
 ELECTROKYMOGRAPHY: 3309  
 ELECTROLYSIS: 1804, 6410, 6528  
 ELECTROLYTES: 386, 498, 751, 1344, 2009, 2153, 3058, 3354, 3560, 4409, 4504, 4536, 4790, 4974, 5331, 5375, 5661, 5727, 5784, 6260, 6306, 6530, 6861, 6867  
 ELECTROMYOGRAPHY: 1361  
 ELECTRON SPIN RESONANCE: 928, 1161, 1288, 2789, 4387, 4551  
 ELECTRON TRANSPORT: 43, 635-637, 810, 1201, 1356, 1755, 2711, 3407, 3472, 3485, 3840, 3863, 3989, 4031, 4783, 5119, 5395, 5615, 6549  
 ELECTRONICS: 2326  
 ELECTRONICS, MEDICAL: 931, 2827, 3331  
 ELECTROPHORESIS: 227  
 ELECTROPHORESIS: 11, 110, 128, 139, 145, 150, 175-176, 199, 217, 304, 346, 370, 384, 402-403, 407, 421, 429, 439, 450, 511, 540, 565, 604, 612-613, 628, 664, 686, 700, 705, 713, 746, 796, 805, 807, 853, 860, 864, 892, 928, 933, 937, 998, 1001, 1013, 1017, 1044, 1053, 1057, 1154, 1171, 1179, 1216, 1260, 1300, 1361, 1371, 1375, 1380, 1385, 1391, 1427-1428, 1433-1434, 1482, 1512, 1551, 1623-1624, 1684, 1733, 1772, 1798, 1847, 1864, 1878, 1921, 1924, 1943, 1958, 1983, 2001, 2019, 2028, 2048, 2184, 2204, 2241, 2256-2257, 2267-2268, 2308, 2320, 2379-2380, 2389, 2393, 2415, 2430, 2433, 2439, 2482, 2515, 2544-2545, 2593, 2611, 2630, 2653, 2722, 2726, 2741, 2748, 2752, 2772, 2803, 2878, 2911, 2916, 2929, 2939, 2941, 2974, 2985, 2988, 2992, 2999, 3008, 3013, 3071, 3083, 3085, 3162, 3192, 3212, 3218, 3260, 3264, 3272, 3274, 3279, 3325, 3342, 3347, 3353, 3369, 3429, 3435, 3450, 3534, 3537, 3566, 3583, 3629, 3636, 3660, 3668, 3706, 3708, 3724, 3733, 3753, 3844, 3860, 3899, 3908, 3910, 3926, 3949, 3983, 4000, 4028, 4039, 4049, 4052, 4067, 4148-4151, 4158, 4168, 4193, 4196, 4213-4214, 4228, 4250, 4266, 4269, 4272-4273, 4294, 4310-4312, 4322, 4349, 4371-4372, 4397, 4443, 4474-4476, 4486, 4491-4492, 4506, 4511, 4555, 4572, 4608, 4657-4658, 4675, 4711, 4723, 4733, 4762, 4764, 4768, 4780, 4796, 4800, 4810-4811, 4816, 4910, 4923, 4925, 4928, 4941, 5021, 5026, 5110, 5120, 5178, 5188, 5205, 5216-5217, 5328, 5343, 5353, 5369, 5420, 5428, 5455, 5483, 5486, 5512, 5535, 5538, 5557, 5620, 5637, 5684, 5697, 5710, 5726, 5759, 5808-5809, 5816-5817, 5878, 5905, 5914, 5968, 6022, 6063, 6085, 6092, 6106, 6122, 6129, 6131, 6144, 6150, 6178, 6200-6201, 6221, 6253, 6280, 6309, 6325, 6327, 6335-6336, 6340, 6352, 6384, 6411, 6443, 6457, 6462, 6465, 6511, 6545, 6603, 6617, 6640, 6652, 6714, 6735, 6748, 6761, 6783, 6817, 6870, 6929, 6953, 6966, 6999, 7035, 7047, 7054, 7064, 7133, 7168  
 ELECTROPHORESIS, DISK: 3, 115, 249, 415, 427, 589, 744, 829, 1065, 1107, 1200, 1348, 1377, 1398, 1406, 1511, 1576, 1627, 1775, 1809, 2001, 2028, 2204, 2352-2353, 2449, 2502, 2616-2617, 3109, 3116, 3145, 3253, 3270-3271, 3273, 3553, 3584, 3621, 3784, 3949, 3958, 3982, 4052, 4230, 4367, 4447, 4485, 4494, 4515, 4535, 4565, 4683, 4870, 4880, 5000, 5022, 5071, 5119, 5292, 5324, 5373, 5381, 5428, 5434, 5561, 5619, 5753, 5967, 5973, 6013-6014, 6047, 6051, 6161, 6295, 6331-6332, 6440, 6547, 6610, 6650, 6938, 6998, 7060-7061, 7102, 7194, 7199, 7201  
 ELECTROPHYSIOLOGY: 1840, 2795, 3535, 3601, 4014, 6728  
 ELECTRORETINOGRAPHY: 1465, 4092  
 ELECTROSHOCK: 983  
 ELECTROSURGERY: 3578, 6243  
 ELECTROTHERAPY: 534  
 ELEDOSIN: 871-872, 1940, 2379-2382, 6945  
 ELEMENTS: 3512  
 ELEPHANTS: 1044, 1351, 2233, 6609  
 EMACIATION: 3981  
 EMBOLISM: 48, 337, 714, 779, 818, 946, 1172, 1194, 1203-1204, 1223, 1239, 1392, 1407, 1414,

1520, 1780, 2551, 2560, 2904-2905, 3072, 3304, 3409, 3437, 3802, 3885, 4124, 4354, 4662, 4743, 4996, 5183, 5287, 5458, 5681, 5704, 6296, 6381, 6428, 6431, 6508, 6786, 6811  
 EMBOLISM, AIR: 1079, 3005, 5028, 5363, 6079, 6621, 7140-7141  
 EMBOLISM, AMNIOTIC FLUID: 316, 1196, 1506, 1578, 2777, 3845-3846, 3942, 4991, 5014, 5028, 5363, 5424, 5952, 5978, 6137, 6229, 7106, 7233  
 EMBOLISM, FATT: 182, 509, 710, 1120, 1245, 2521, 2889, 4061, 4385, 4914, 5122, 5342, 5363, 5476, 5582-5585, 5687, 6048, 7160  
 EMBRYO: 364-366, 590, 945, 992, 1428, 2028, 2190, 2663, 3412, 3644, 3660, 5073, 5197, 6779  
 EMERGENCIES: 54, 327, 2226, 4425, 5826, 6701  
 EMETINE: 2890  
 EMOTIONS: 1376  
 EMPHYSEMA: 1679, 3946, 6652  
 EMPYEMA: 406, 3258  
 EMULSIONS: 668, 1168, 1660, 1799, 4366, 5020, 6693, 6865-6866  
 ENCEPHALITIS: 96, 443, 748, 4275, 4339, 4936  
 ENCEPHALITIS, TICK-BORNE: 4958  
 ENCEPHALITIS VIRUSES: 544, 840, 1539, 4510  
 ENCEPHALITIS VIRUSES, TICK-BORNE: 168  
 ENCEPHALOMALACIA: 1739, 2532  
 ENCEPHALOMYELITIS: 3420, 4936  
 ENCEPHALOMYELITIS, ALLERGIC: 1623-1624, 4796, 5468  
 ENCEPHALOMYOCARDITIS VIRUSES: 486, 2101, 3162, 4132, 6305  
 ENDARTERECTOMY: 5048  
 ENDARTERITIS: 276, 351, 2058, 3110, 3160, 3278, 3718, 6588  
 ENDOCARDIAL FIBROELASTOSIS: 2281  
 ENDOCARDITIS: 792, 3466-3467, 6506  
 ENDOCARDITIS, BACTERIAL: 3579, 4927, 5730, 7265  
 ENDOCARDITIS, SUBACUTE BACTERIAL: 357, 1194, 7265  
 ENDOCARDIUM: 2281, 3601, 3757, 5581  
 ENDOCRINE DISEASES: 2173, 3856, 6397, 6665  
 ENDOCRINE GLANDS: 481, 3145  
 ENODERM: 3644  
 ENDOMETRIOSIS: 3501, 3777, 4174, 4844, 4990, 5847  
 ENDOMETRITIS: 895  
 ENDOMETRIUM: 429, 2406, 3004, 3094, 3363, 4123, 4147, 4398, 5289, 5985, 6620, 6892, 6941, 7137  
 ENDOMYOCARDIAL FIBROSIS: 1207, 1736  
 ENDOPLASMIC RETICULUM: 1326, 1551, 1702, 2556, 2798, 3003, 3586, 3606, 4052, 4163, 5591, 8148  
 ENDOSCOPY: 676, 2189, 2919, 4712, 4844, 6908  
 ENDOTOXINS: 105, 446, 1089, 1093, 1330, 1370, 1407, 1438, 2080, 2640, 3047, 3076, 3210, 3514, 3518, 3584, 3649, 3652, 3722, 3885, 4002-4003, 4197-4198, 4232, 4239, 4357, 4436-4437, 4470, 4564, 4923, 5011, 5027, 5337-5339, 5438, 5467, 5705-5706, 6052, 6184, 6467, 6517, 6607, 6643, 6689, 6756, 6811, 6968, 7041  
 ENEMA: 1208, 6098  
 ENERGY TRANSFER: 944, 1161, 1473, 1631, 2838, 3202, 5462, 5615  
 ENGLAND: 31, 1226, 1355, 3507  
 ENGLISH ABSTRACT: 8-9, 11, 13-14, 25-27, 32, 34-35, 42, 51-53, 62, 67, 77, 81-83, 85, 92-93, 95, 103, 108-109, 114, 121, 123, 125, 130, 143, 160, 166-169, 172, 174-175, 177, 181, 183-184, 197-198, 201-202, 204, 207-208, 216, 220, 223, 229, 234, 236, 265, 269, 271, 278-279, 282-286, 292-293, 298, 300, 305, 307-308, 318-320, 322, 324, 340, 349, 351, 369, 375-376, 382, 387, 396, 407, 413-414, 417, 432-434, 436, 446, 450, 453, 455, 459, 473, 476, 480, 488-489, 491, 493, 504, 519-520, 534-537, 547, 556, 560, 572-573, 578, 580, 582-583, 588, 600, 607, 609-610, 621, 626-627, 629, 631, 644-645, 653, 656, 667, 671, 673-674, 685-686, 722, 731, 739, 741, 743, 745, 765, 770, 772, 789, 800, 808-809, 820, 828, 837-838, 856-859, 876-877, 906, 908-909, 914-917, 919, 925, 939-940, 943, 952, 957, 960, 963-964, 970-975, 980, 1002, 1012, 1018-1023, 1025-1027, 1037, 1046-1049, 1051, 1054-1055, 1063-1064, 1071, 1073, 1075-1077, 1113, 1132, 1134, 1136, 1173-1174, 1185, 1187-1188, 1191, 1193-1194, 1202, 1214, 1217, 1220-1221, 1225, 1232-1233, 1244, 1247, 1250, 1255, 1261-1262, 1264-1265, 1271, 1278, 1284, 1286, 1293, 1295, 1299-1303, 1323-1324, 1343, 1352, 1356, 1360, 1367-1369, 1388-1389, 1396, 1403, 1418, 1430, 1433-1434, 1439, 1441, 1444, 1451,



# SUBJECT INDEX

- 1461, 1463, 1465-1466, 1468-1469, 1485-1489,  
1493-1494, 1500, 1503, 1515-1516, 1518, 1520,  
1522-1523, 1526, 1531, 1533, 1535-1536, 1538-1539,  
1547, 1552, 1554-1556, 1559, 1573, 1579, 1582-1583,  
1588, 1613-1614, 1621, 1645, 1653, 1663, 1669,  
1684, 1692, 1696, 1706-1707, 1711-1712, 1720-1724,  
1734-1735, 1739, 1744-1745, 1747, 1752-1753,  
1760-1762, 1776, 1778, 1786-1787, 1792-1794, 1796,  
1802-1803, 1806, 1808, 1810, 1816-1817, 1825, 1828,  
1831, 1840-1842, 1849-1850, 1856, 1859, 1879, 1891,  
1905, 1913, 1915-1924, 1926, 1928, 1930-1931, 1937,  
1940, 1951, 1956, 1964-1965, 1967-1968, 1971-1972,  
1991, 2005, 2010-2011, 2013, 2015-2016, 2018, 2023,  
2029-2030, 2037, 2039-2041, 2057, 2059, 2068-2069,  
2086, 2089, 2092  
2104-2105, 2108-2109, 2116, 2119, 2123, 2127-2128,  
2136, 2138, 2162, 2164, 2171-2172, 2185, 2187,  
2189, 2194, 2200, 2214, 2235, 2240, 2243-2245,  
2249, 2255, 2257, 2263, 2267, 2270-2272, 2281-2283,  
2285-2286, 2289, 2303, 2306-2309, 2311-2312, 2314,  
2316, 2331, 2333, 2375-2376, 2390, 2393, 2397,  
2405, 2422, 2440, 2456, 2465-2466, 2469-2470,  
2472-2475, 2506-2507, 2516, 2519, 2521, 2532, 2547,  
2552, 2554, 2557, 2577-2578, 2588, 2597, 2603,  
2623, 2632, 2636, 2639, 2642, 2644, 2656, 2671,  
2677, 2690-2691, 2713, 2724-2725, 2731-2732, 2734,  
2751, 2753-2754, 2781-2784, 2786, 2801, 2812, 2819,  
2835, 2845-2846, 2853, 2860-2863, 2868, 2878-2879,  
2884, 2887, 2892, 2896, 2904-2905, 2907, 2917-2918,  
2923, 2929-2931, 2936, 2939, 2954-2955, 2968, 2977,  
2979, 2991, 3002, 3010, 3027, 3032, 3045,  
3052-3053, 3058-3059, 3062, 3068-3069, 3072, 3075,  
3078, 3087, 3096, 3101-3102, 3108, 3112, 3114,  
3117, 3137, 3149, 3154-3156, 3158, 3160, 3169-3170,  
3175, 3183, 3186-3189, 3192-3193, 3195, 3198-3199,  
3205, 3207-3209, 3211, 3216, 3218, 3222, 3225,  
3230, 3232, 3243, 3254, 3257, 3268-3269, 3275-3276,  
3282, 3284-3286, 3288, 3290, 3295-3296, 3305-3306,  
3313, 3318, 3330-3332, 3338-3339, 3341-3342, 3344,  
3346, 3351, 3358, 3360, 3362, 3365-3368, 3373-3376,  
3381, 3384, 3386, 3388-3389, 3397, 3399-3400, 3404,  
3409-3411, 3416, 3418, 3420-3421, 3423, 3425-3426,  
3429-3433, 3440-3443, 3445, 3448-3449, 3466-3467,  
3469, 3481, 3487, 3494, 3501, 3503-3504, 3509-3513,  
3515, 3518, 3527, 3532, 3536-3537, 3540-3541, 3543,  
3563, 3575-3576, 3591-3592, 3597-3598, 3601-3602,  
3613, 3615-3616, 3618, 3622-3623, 3625, 3633,  
3637-3638, 3640, 3645, 3647, 3666-3667, 3669-3670,  
3674-3675, 3677, 3687, 3689, 3691, 3698, 3702,  
3709-3710, 3714, 3716, 3718, 3722, 3727, 3732,  
3739, 3745, 3748, 3751, 3757, 3762, 3767,  
3770-3771, 3775, 3782-3783, 3789, 3796, 3801, 3810,  
3815, 3818, 3819, 3833, 3840, 3848-3849, 3912,  
3920, 3927-3930, 3934, 3937-3938, 3952-3953, 3955,  
3957, 3959, 3961, 3963, 3966  
3967, 3969-3970, 3998, 4004, 4010, 4013-4017, 4020,  
4036, 4043-4044, 4057-4059, 4065-4066, 4074, 4082,  
4091, 4101, 4108-4109, 4113-4114, 4129-4130, 4133,  
4137, 4155, 4159, 4162-4163, 4174, 4193, 4199-4200,  
4208-4209, 4211, 4216, 4221, 4226, 4236, 4242,  
4244-4245, 4247-4249, 4265, 4268, 4275, 4277-4279,  
4285, 4290, 4292, 4299-4300, 4302, 4305, 4307,  
4312, 4314, 4321, 4332-4333, 4335-4336, 4342, 4359,  
4366, 4369-4370, 4381, 4400-4401, 4407, 4419,  
4428-4430, 4439, 4442, 4462-4463, 4466-4467,  
4473-4475, 4478-4479, 4482, 4496-4498, 4500, 4504,  
4509, 4513-4514, 4526, 4532, 4536, 4541, 4543,  
4551, 4558, 4560, 4570, 4587, 4591-4592, 4594,  
4598-4599, 4612, 4614, 4619, 4634-4635, 4650, 4656,  
4677, 4679, 4689, 4691, 4695, 4704-4705, 4708-4710,  
4712-4714, 4720, 4726, 4729, 4733-4734, 4736-4738,  
4740, 4743, 4749-4750, 4767, 4769, 4776, 4781,  
4789, 4793, 4807, 4812, 4815, 4822, 4841,  
4850-4851, 4857, 4863, 4867-4868, 4871, 4875-4876,  
4879, 4886, 4887, 4896-4898, 4901-4904, 4906, 4908,  
4915, 4920, 4926-4927, 4930, 4932, 4944-4945, 4960,  
4962-4963, 4976, 4979, 4984, 4986, 4998, 5004,  
5010, 5013, 5016, 5020, 5043, 5050, 5054-5055,  
5058, 5062, 5065, 5074, 5081-5082, 5084-5086, 5088,  
5091-5093, 5098, 5100-5105, 5109, 5117-5118, 5121,  
5123, 5127-5128, 5130-5131, 5134, 5137-5140, 5146,  
5150, 5153, 5166, 5175, 5180, 5182, 5185, 5187,  
5191-5192, 5195, 5198, 5201-5204, 5208, 5211-5213,  
5215, 5219, 5223, 5225-5226, 5236, 5239, 5241-5242,  
5249, 5251, 5253, 5257-5260, 5264, 5290, 5301,  
5320, 5327, 5344, 5358-5361, 5376, 5379-5380, 5382,  
5386, 5400, 5423, 5430, 5435-5437, 5439, 5444-5447,  
5449-5450, 5455, 5482, 5488, 5490-5492, 5500-5503,  
5507, 5510, 5517-5523, 5525, 5528, 5531-5533, 5545,  
5548-5550, 5553-5554, 5559-5560, 5566, 5572, 5575,  
5580, 5589, 5600, 5602, 5604, 5613, 5622, 5629,  
5635, 5638-5641, 5644, 5647-5649, 5663, 5665,  
5669-5670, 5673, 5675, 5679-5680, 5683, 5684-5686,  
5698-5699, 5705-5706, 5709-5710, 5712, 5715-5718,  
5720, 5724-5725, 5735  
5737-5741, 5744, 5748, 5754, 5758-5759, 5762, 5785,  
5790, 5795-5796, 5799, 5802, 5814-5816, 5821,  
5823-5824, 5832, 5850, 5855, 5864-5865, 5873, 5899,  
5902, 5911-5912, 5919, 5928, 5931, 5948-5949, 5953,  
5961-5962, 5970, 5972, 5981-5985, 5993, 5996-5997,  
6000-6001, 6004, 6015, 6028-6030, 6032, 6037-6038,  
6040, 6048, 6051, 6054, 6060, 6063, 6065-6066,  
6068, 6081, 6085, 6087, 6098, 6103, 6107, 6116,  
6121, 6158, 6160, 6163, 6170, 6194-6196, 6199-6202,  
6209, 6213, 6217, 6223-6224, 6226, 6229, 6235,  
6243, 6245, 6249-6252, 6256, 6262-6265, 6273, 6276,  
6278, 6282, 6284-6285, 6291, 6293, 6308, 6311,  
6315-6316, 6318, 6320-6323, 6339, 6353-6355, 6360,  
6365, 6369, 6375-6376, 6380, 6396-6399, 6402-6405,  
6407, 6409, 6447, 6452-6453, 6455-6459, 6478-6479,  
6483, 6485, 6488, 6505, 6508, 6516, 6527-6528,  
6533, 6536-6537, 6540, 6547-6548, 6554, 6558, 6570,  
6582-6583, 6588, 6592, 6599, 6605, 6607, 6621,  
6624, 6626-6628, 6635, 6637-6638, 6641, 6651-6652,  
6654-6656, 6658, 6661-6664, 6672, 6674, 6676, 6688,  
6692-6693, 6697-6699, 6703-6706, 6709-6710, 6712,  
6714, 6718, 6722-6723, 6725, 6727-6730, 6733,  
6737-6741, 6743-6744, 6747, 6749, 6753-6757, 6759,  
6763-6764, 6766, 6771-6772, 6777, 6780, 6788, 6790,  
6795, 6812, 6822, 6831, 6851, 6871, 6882, 6891,  
6910, 6917, 6940, 6942, 6945, 6953, 6979-6980,  
6984, 6992-6993, 6996, 7009, 7021, 7023, 7038,  
7040, 7043-7045, 7052, 7054, 7056, 7068,  
7072, 7095-7096, 7106, 7109, 7115-7118, 7124, 7132,  
7136, 7138-7139, 7145-7147, 7149-7155, 7159-7161,  
7164, 7166, 7169, 7171, 7173-7175, 7178-7179, 7181,  
7194-7195  
ENTAMOEBIA HISTOLYTICA: 2921, 3034  
ENTERITIS: 661, 1425, 2644, 3710, 4069, 5365,  
6973  
ENTERITIS, REGIONAL: 1035, 3491, 3536, 3865,  
5211, 6041, 6294  
ENTEROBACTERIACEAE: 2202, 3961, 4210  
ENTEROCOLITIS, ACUTE: 662, 1047, 1429, 3528  
ENTEROTOXINS: 517-518, 5962, 6599  
ENTEROVIRUS: 5303  
ENTEROVIRUS INFECTIONS: 5303  
ENTROPION: 445  
ENVIRONMENT: 107, 851, 5375, 5661, 6032, 7148  
ENVIRONMENTAL EXPOSURE: 572, 851, 1278,  
3397, 4247, 4571, 5661, 5797, 6654-6655, 6722,  
7014, 7037-7038, 7246  
ENZYMATIC ZONULOLYSIS: 1350, 1845, 4259  
ENZYMIC ACTIVATION: 115, 155, 180, 237, 315,  
335, 427, 461, 563, 586, 611, 632, 861, 1033-1034,  
1124, 1143, 1212, 1276, 1381, 1662, 1688,  
1772-1773, 1798, 1901-1902, 2034, 2048, 2353, 2445,  
2481, 2535, 2539, 2545, 2630, 2638, 2703, 2747,  
2769, 2941, 2988, 3016, 3049, 3087, 3175, 3273,  
3359, 3454, 3522, 3545, 3565, 3568-3569, 3721,  
3778, 3844, 3886, 3904, 3921, 3982, 3987, 4038,  
4091, 4161, 4192, 4311, 4373, 4406, 4416, 4448,  
4475, 4480, 4525, 4619, 4675-4676, 4755, 4787,  
4811, 4823, 4930, 4971, 5059, 5246, 5373, 5389,  
5407, 5422, 5463, 5623, 5714, 5733, 5775, 5777,  
5788-5787, 5794, 5831, 5895-5896, 5922, 5973, 6025,  
6104, 6157, 6282, 6354, 6370, 6429, 6457, 6536,  
6571, 6603, 6650, 6724, 6892, 6922, 7000, 7035,  
7098, 7200  
ENZYMIC INDUCTION: 732, 850-851, 868, 989,  
1141, 2606, 3111, 3129, 3376, 3654, 4771, 4779,  
5091, 5477, 5592, 6049  
ENZYMIC PRECURSORS: 364, 428-427, 605, 813,  
861, 927, 989, 1017, 1029, 1096, 1124, 1276, 1346,  
1381, 1420, 1631, 1668, 1696, 1901, 2001, 2044,  
2048-2049, 2215, 2229, 2296-2298, 2545, 2565, 2595,  
2638, 2692, 2703, 2708, 2877, 3316-3317, 3454,  
3583, 3694, 3742, 3778, 3861, 4028, 4160-4161,  
4230, 4311, 4642, 4898, 4930, 5087, 5240, 5355,  
5413, 5462-5463, 5601, 5677, 5776, 5922, 6157,  
6576, 6603, 6646-6647, 6724  
ENZYMIC REPRESSION: 558, 989, 1440, 1626,  
2747, 2769, 4022, 4288, 4971, 5037, 5072, 6049,  
6352, 6938  
ENZYMIC TESTS: 791, 1473, 1525-1526, 1623, 2164,  
2782, 2927, 3185, 3323, 3620, 3649, 3857, 5095,  
5363, 5595, 5784, 6311, 6409, 6568, 7054  
ENZYMES: 95, 182, 312, 336, 344, 386, 605, 927,  
944, 986, 1119, 1163, 1695, 1720, 1769, 1790, 1873,  
2252, 2522, 2534, 2767, 2912, 3010, 3031, 3084,  
3087, 3194, 3285, 3569, 3889, 3898, 3932, 3963,  
4324, 4358, 4473, 4642-4643, 4895, 5059, 5070,  
5076, 5146, 5210, 5324, 5422, 5488, 5591, 5770,  
5856, 5858, 5929, 5931, 6274, 6311, 6619, 6692,  
6717, 6819, 6908, 6975, 7008, 7054, 7083, 7101,  
7170-7171  
EOSINOPHILIA: 2281, 6699  
EOSINOPHILS: 179, 468, 798-799, 1344, 1790, 1870,  
2027, 2248, 3727, 4790, 5166, 5374, 5560, 5748,  
6053, 6637  
EPENDYMOMA: 1671, 1776, 2756, 3075, 4953, 5993  
EPERYTHROZOON: 7198  
EPIDEMIC HEMORRHAGIC FEVER: 67, 2022,  
3164, 3187, 3420, 3883, 5187, 5308  
EPIDEMIOLOGIC METHODS: 2467, 2569, 5840  
EPIDERMAL CYST: 6387  
EPIDERMOLYSIS BULLOSA: 1369, 6374, 7144  
EPIDERMOPHYTON: 3386  
EPIDIDYMITIS: 987, 2988, 3320, 4018, 4091, 4480,  
7121-7122  
EPIDIDYMITIS: 410  
EPIGLOTTIS: 1560  
EPILEPSY: 16, 1306, 1701, 1776, 1950, 3137, 3463,  
4345, 4411, 4836, 5236, 6284, 7052  
EPILEPSY, GRAND MAL: 6814  
EPILEPSY, TRAUMATIC: 1989, 5618  
EPINEPHRINE: 114, 238, 347, 357, 910, 929, 942,  
980, 1092, 1115, 1206, 1282, 1337-1338, 1361, 1464,  
1532, 1975, 2016, 2108, 2327, 2416, 2549-2550,  
2620, 2627, 2702, 2730, 2841, 2951, 3051, 3092,  
3320, 3356, 3423-3424, 3471, 3496, 3547, 3597,  
3601, 3720, 3863, 3886, 4032, 4091, 4130, 4217,  
4223, 4341, 4406, 4471, 4616, 4638, 4682, 4702,  
4728, 5133, 5214, 5306, 5337, 5422, 5506-5507,  
5546, 5565, 5597, 5770, 5821, 6070, 6097, 6307,  
6423-6424, 6531, 6592, 6794, 6897, 6925, 6931,  
6964, 7191, 7196, 7254  
EPIPHYSES: 1454, 1630, 5660  
EPISTOMY: 6455  
EPISTAXIS: 17, 1491, 1888, 2054-2055, 2154, 2529,  
2590, 3173, 3788, 3979, 4791, 5227  
EPITHELIUM: 38, 309, 505, 1119, 1189, 1319, 1851,  
2140, 2749, 2935, 3116, 3247, 3573, 3678,  
3696-3697, 3811, 3816, 4163, 4480, 5167, 5216,  
5315, 5524, 5582, 6124, 6136, 6305, 6376, 6523,  
6563, 6671, 6694, 6858, 6921, 6995  
EQUILIBRIUM: 4382  
EQUIPMENT AND SUPPLIES: 6975  
ERBIUM: 3512  
ERGOCALCIFEROL: 2330  
ERGOT ALKALOIDS: 4077  
ERGOT ALKALOIDS, HYDROGENATED: 345  
ERGOTAMINE: 5410  
ERGOTHIONEINE: 3136  
ERYSIPELAS: 2196, 3186, 3996  
ERYTHEMA: 63, 1328, 1368, 1913, 1953, 2196,  
2684, 3996, 5805, 6066, 6374  
ERYTHEMA MULTIFORME: 2684, 4166, 4468  
ERYTHEMA NODOSUM: 2454, 5720  
ERYTHREMIC MYELOSIS: 36, 843, 1552, 5142,  
5610, 6785  
ERYTHROBLASTOSIS, FETAL: 812, 2587, 3447,  
3588, 3928, 3960, 4345, 4362, 4610, 5220, 6300,  
6306, 7209  
ERYTHROCYTE AGGREGATION,  
INTRAVASCULAR: 305, 529, 1044, 1407, 1409,  
1618, 1930, 1947, 2265, 2560, 3009, 3097, 5024,  
5242, 5303, 6089  
ERYTHROCYTE AGING: 495, 1155, 1792-1793,  
1914, 2407, 2488, 2930, 4695, 5035, 5435, 5854,  
5879-5880, 6188, 6223, 6237, 6634, 6875, 7152  
ERYTHROCYTE COUNT: 346, 414, 502, 601, 623,  
756, 1042, 1290, 1336, 1382, 1397, 1613, 1619,  
1645, 1822, 1846, 1884, 2027, 2087, 2283, 2520,  
2631, 2752, 2854, 3327-3328, 3362, 3459, 3469,  
3477, 3479, 3740, 4135, 4363, 4426, 4674, 4790,  
5001, 5538, 5625, 5655, 5789, 5880, 6096, 6194,  
6206, 6489, 6658, 6704-6706, 6763, 7113  
ERYTHROCYTES: 29, 110, 124, 126, 135, 148-149,  
184, 208, 279, 284, 287, 346, 362-363, 370, 402,  
414, 425, 437-438, 495, 507, 527, 529-530, 569,  
609, 623, 709, 730, 743, 766, 769, 811, 835-836,  
846, 863, 899-901, 913, 928, 931, 933, 1011, 1040,  
1042-1043, 1056, 1068, 1109-1110, 1121, 1147, 1155,  
1261, 1269, 1285, 1289-1290, 1295, 1313, 1317,  
1326, 1382-1384, 1398, 1430, 1434, 1442, 1467-1469,  
1475, 1522, 1535, 1581, 1595, 1613, 1618, 1682,  
1685, 1717, 1750, 1765, 1790, 1792-1793, 1834,  
1848, 1931, 1942, 1958, 1967, 2027, 2045, 2068,  
2143, 2187-2188, 2206, 2230-2231, 2233, 2237, 2283,



# SUBJECT INDEX

2292, 2299-2300, 2372, 2407, 2435, 2488, 2495,  
2540-2541, 2599, 2674, 2680, 2728, 2743, 2752,  
2849, 2853, 2869, 2934, 2949-2950, 3003, 3071,  
3099, 3163, 3195, 3236, 3238, 3255, 3279, 3289,  
3319, 3336-3337, 3348, 3381, 3384, 3393, 3408,  
3439, 3447, 3458, 3477, 3479, 3497, 3539, 3643,  
3660, 3685, 3687, 3713, 3740, 3839, 3863, 3882,  
3887, 3892, 3909, 3933-3935, 3937, 4024, 4037,  
4045, 4106, 4149, 4151, 4215, 4234, 4248, 4254,  
4387, 4389, 4400, 4402, 4405, 4498, 4505, 4545,  
4586, 4610, 4645, 4660, 4681, 4687-4688, 4723,  
4733, 4756, 4775, 4797, 4845, 4925, 4933, 4938,  
4977-4978, 4980, 5013, 5023, 5026, 5034, 5042,  
5055, 5151, 5210, 5240, 5273, 5275, 5321, 5328,  
5343, 5352, 5355, 5415, 5429, 5435, 5453, 5465,  
5526, 5557, 5569, 5575, 5589, 5620, 5661, 5692,  
5709-5710, 5736, 5758, 5765, 5773, 5785, 5789,  
5791, 5809, 5812, 5850-5851, 5854, 5879, 5936,  
5968, 6028, 6088, 6124, 6130-6131, 6184, 6187,  
6200-6201, 6222-6224, 6236, 6246, 6258, 6269, 6278,  
6286, 6289, 6293, 6297, 6310, 6320, 6324, 6389,  
6403, 6425, 6450, 6465, 6502, 6537, 6551,  
6577-6582, 6606-6607, 6609, 6633-6634, 6644, 6705,  
6707-6708, 6725, 6760, 6767, 6780, 6813, 6875,  
6906, 6913, 6984, 6990, 7082, 7162, 7197, 7236  
ERYTHROCYTES, ABNORMAL: 1387, 1522, 2948,  
3652, 4547, 6008, 6477, 6906  
ERYTHRODERMA: 2684  
ERYTHROMYCIN: 523, 2359, 7181  
ERYTHROPOIESIS: 414, 844, 1382, 1545, 2138,  
2538, 3099, 3215, 4557, 5185, 6053, 6501, 6785  
ERYTHROPOIETIN: 2173, 4498, 4805, 6210, 6338,  
6735  
ESCAPE REACTION: 5916  
ESCHERICHIA COLI: 263, 458, 531, 537, 613,  
727-728, 730, 805, 902, 1181, 1201, 1272-1273,  
1371, 1476, 1512, 1537, 1676, 1880, 1978, 2080,  
2141, 2145, 2451, 2515, 2644, 2675, 2716, 2906,  
3008, 3013, 3109, 3128, 3139, 3210, 3223, 3347,  
3385, 3450, 3518, 3619, 3701, 3733, 3753, 3865,  
4001, 4027, 4118, 4194, 4198, 4230, 4257-4258,  
4357, 4406, 4529, 4555, 4565, 4670, 4676, 4696,  
4718, 5011, 5351, 5487, 5514, 5623, 5657, 5793,  
5887, 5945, 5948, 6166-6167, 6184, 6220-6221, 6411,  
6487, 6722, 6811, 6938, 6963, 6973, 7026, 7041,  
7203  
ESCHERICHIA COLI INFECTIONS: 6756, 7004,  
7114, 7266  
ESOPHAGEAL DISEASES: 2953  
ESOPHAGEAL NEOPLASMS: 1048, 2953, 5042,  
6345  
ESOPHAGEAL VARICES: 54, 1485, 1557, 1600,  
6010, 6117, 6908, 7079  
ESOPHAGITIS, PEPIC: 8099  
ESOPHAGUS: 19, 703, 3232, 4915  
ESTERASES: 122, 169, 652, 741, 765, 829, 861,  
1096, 1117, 1124, 1187, 1628, 1681, 1695, 1711,  
1722, 1790, 1905, 1961, 1963, 2121, 2353,  
2377-2378, 2539, 2567, 2657, 2878, 2951, 2975-2976,  
3010, 3014, 3035, 3209, 3252, 3257, 3279, 3316,  
3461, 3623, 3742, 3888, 3922, 4038, 4116, 4156,  
4159, 4233, 4285-4286, 4441, 4473, 4491-4492, 4546,  
4709, 4757, 4795, 4880, 4898, 5000, 5407, 5794,  
5953, 6050, 6105, 6209, 6270, 6341, 6429, 6548,  
6795, 7081, 7171  
ESTERS: 5, 179, 205, 364-365, 440, 493, 664, 951,  
1276, 1345, 1628, 1660, 1667, 1749, 1808, 2049,  
2053, 2121, 2238, 2353, 2428, 2444, 2531, 2598,  
2684, 2913, 2974, 3010, 3083, 3167, 3234, 3279,  
3427, 3455, 3523, 3742, 3843, 4038-4039, 4161,  
4491-4492, 4686, 4715, 4810, 5064, 5206, 5265,  
5314, 5407, 5483, 5568, 5781, 5854, 5939, 6119,  
6127, 6248, 6341, 6518, 6548, 6556, 6603, 6631,  
6724, 6788, 6825, 6873, 6885, 6926, 7102  
ESTHETICS: 2174, 2414  
ESTRADIOL: 429, 718, 1722, 2988, 3094, 3789,  
4250, 4406, 5428, 5807, 6135  
ESTRIOL: 188, 2002  
ESTROGENIC SUBSTANCES, CONJUGATED: 695  
ESTROGENS: 41, 1052, 1124, 1138, 1275, 1575,  
1722, 1727, 1899, 3257, 3778, 4094, 4123, 4141,  
4191, 4867, 5115, 5508, 5959, 7247  
ESTRONE: 2493, 3057  
ESTRUS: 2988  
ETHACRYNIC ACID: 5803  
ETHAMBUTOL: 347  
ETHCHLORVYNOL: 347  
ETHERS: 1603, 2015, 2238, 3888, 4510, 4745, 5422,  
7161  
ETHERS, CYCLIC: 43

ETHINYL ESTRADIOL: 718, 1045, 2372, 2873,  
3661, 4280, 5272  
ETHIONINE: 5477  
ETHIOPIA: 609  
ETHMOID SINUS: 1707, 2394  
ETHNIC GROUPS: 1056, 1730, 3552, 4606, 6234,  
6707  
ETHYL BISCUOMACETATE: 85, 866, 1149, 1500,  
1518, 2524, 4264, 4281, 5039, 5212, 5304, 5450,  
6036  
ETHYL ETHER: 168, 657, 1942, 3256, 3647, 4725,  
6106  
ETHYLAMINES: 1694, 1773, 2879, 3375, 4831,  
5489, 6191, 6454, 6481  
ETHYLENE: 4412, 5836  
ETHYLENE OXIDE: 1407, 3152  
ETHYLENEDIAMINES: 2103, 2810, 6452  
ETHYLESTRENOL: 982, 1757-1759, 4185-4186, 5807,  
6043  
ETHYLMALIMIDE: 2, 330, 424-425, 613, 636,  
1122, 1380, 2080, 2329, 2550, 3037, 4148, 4214,  
4537, 4723, 5759, 6091, 6844, 6915  
ETHYNOLOL DIACETATE: 718, 2372, 4173  
EUGENICS: 753  
EUGLENA: 1150, 4713-4714, 4878  
EUSTACHIAN TUBE: 260  
EVOLUTION: 107, 206, 388-389, 590, 700, 712, 746,  
1495-1496, 1833, 2296, 2595, 2741, 5019, 5281,  
5317, 5349, 6147, 6597, 7201  
EXANTHEMA: 1028  
EXCHANGE TRANSFUSION: 23, 823, 1054, 1543,  
1593, 2218, 2292, 2587, 3447, 3604-3605, 3632,  
3749, 3895, 4563, 5061, 5220, 5313, 5648, 5736,  
6225, 6306, 6697-6698, 7098, 7190  
EXERCISE TEST: 1003, 2029, 6830, 7065  
EXERCISE THERAPY: 189, 601, 1184, 1271, 1502,  
3143, 3703, 4561, 6358  
EXERTION: 71, 109, 1027, 1291, 1314, 1640, 1672,  
2778, 3319, 3570-3571, 3732, 4365, 4413, 4632,  
5176, 5471, 5727  
EXOCRINE GLANDS: 4508, 6368  
EXOPHTHALMOS: 167, 207, 963, 3382, 4353, 4391,  
4619, 4626, 4801, 5294, 6718, 6859, 7130  
EXOSTOSES: 6388, 6799  
EXPLOSIONS: 5593  
EXTRACELLULAR SPACE: 1185, 1218, 1487, 2524,  
2661-2662, 3956, 5679, 6485  
EXTRACORPOREAL CIRCULATION: 307, 371,  
386, 416, 696, 881, 1407, 1574, 1685, 1819, 1825,  
1828, 1910, 2151, 2166, 2413, 2652, 2720, 3077,  
3232, 3643, 3929, 3964, 4083, 4248, 4276, 4536,  
4564, 4789, 4855, 4884, 4974, 5147, 5331, 5424,  
5544, 5622, 5628, 5927, 6192, 6324, 6377, 6507,  
6515, 6763, 6793, 6803, 6880, 7079  
EXTRACTION, OBSTETRICAL: 74, 323, 988, 3605,  
6277  
EXTREMITIES: 946, 1225, 1392, 1520, 2165, 2287,  
3160, 3211, 3380, 5212, 5930, 6038, 6381, 6407,  
6768, 6813  
EXUDATES AND TRANSUDATES: 1119, 1845,  
2080, 2335, 2740, 4697-4699, 5695, 6747, 6902,  
6994, 7047  
EYE: 300, 1052, 1206, 1845, 1973, 3389, 3656, 5704,  
6792  
EYE BURNS: 210, 1023, 2827, 5295  
EYE DISEASES: 210, 341, 347, 505, 513, 729,  
1011, 1052, 1134, 1324, 1865, 1899, 1973, 2328,  
2596, 2734, 3609, 3639, 3698, 3821, 3853, 4092,  
4217, 4424, 4531, 5295, 5386, 6665, 6902, 7130,  
7179  
EYE FOREIGN BODIES: 3853, 5040  
EYE INJURIES: 470, 513, 1357, 3656, 3698, 3821,  
5040, 5860, 6859, 7129  
EYE MANIFESTATIONS: 1052, 2551, 4651, 4959,  
5090, 5123, 5385, 6404  
EYE NEOPLASMS: 280, 789, 1536, 2250, 2324,  
2338, 2647, 2833, 3073, 3745, 3988, 4531, 4626,  
4729, 4785, 6419, 6616  
EYE PROTEINS: 1257  
EYEBROWS: 1262  
EYELID DISEASES: 2676-2677, 7117  
EYELID NEOPLASMS: 1397, 3639, 4729, 4793  
EYELIDS: 2676, 2903, 5239, 5934, 7117

## F

FACE: 324, 691, 1262, 1955, 2165, 4029, 4533, 5698,  
6658, 6798  
FACIAL BONES: 5241  
FACIAL DERMATOSES: 2287, 6651  
FACIAL EXPRESSION: 3118  
FACIAL INJURIES: 1714-1715, 2677, 5698, 5960  
FACIAL NEOPLASMS: 75, 547, 1189, 1239, 1373,  
1955, 2639, 2647, 3282, 3286, 3449, 4410, 4710,  
5241, 6038, 7109, 7117  
FACIAL NERVE: 3282-3283, 5218  
FACIAL PARALYSIS: 1262, 3118, 5218, 5698, 7183  
FACTOR V: 23, 373, 618, 649-650, 710, 717, 763,  
1223, 1620, 1688, 1709, 1772, 1997, 2000, 2095,  
2121, 2125, 2143, 2280, 2303, 2325, 2670, 2689,  
2761-2762, 3011, 3016, 3219, 3299, 3410, 3596,  
3781, 3782, 4304, 4325, 4430, 4462, 4579, 4597,  
4634, 4669, 4802, 4826, 4972, 5022, 5214, 5252,  
5411, 5426, 5500, 5582, 5600, 5683, 5898, 5981,  
6017, 6697, 6723, 6739, 7078, 7131  
FACTOR V DEFICIENCY: 333, 1359, 2000, 2091,  
3782, 4972, 5571  
FACTOR VII: 281, 1414, 1610-1611, 1997, 2121,  
2280, 2303, 2280, 2990, 3761, 3979, 4430, 4462,  
4524, 4579, 4597, 4752, 4802, 4941, 4974, 5116,  
5200, 5214, 5224, 5252, 5276, 5370, 5411, 5458,  
5500, 5600, 5676, 5683, 5776, 5981, 6143, 6233,  
6235, 6645, 6697-6698, 6739, 7077-7078, 7131, 7193,  
7256  
FACTOR VIII: 17, 57, 69, 72, 90, 213, 333, 419,  
463, 479, 482, 498, 539-540, 649-651, 693, 710,  
717, 753, 763-764, 942, 949, 1156, 1213, 1215,  
1223, 1502, 1521, 1620, 1709, 1723, 1836, 1856,  
1860, 1954, 1969, 2041, 2062, 2143, 2168, 2198,  
2280, 2303, 2334, 2391-2392, 2431, 2462, 2594,  
2605, 2625, 2637, 2670, 2727, 2732-2733, 2754,  
2761-2762, 2778-2779, 2796, 2959, 3004, 3043, 3102,  
3123-3124, 3197, 3219, 3298-3299, 3351, 3847, 3890,  
3902, 3909, 3953, 3980, 3992, 3998, 4068, 4118,  
4129-4131, 4133, 4135, 4155, 4220, 4222, 4325,  
4579, 4602, 4634, 4638, 4669, 4802, 4813, 4817,  
4823, 4886, 4916, 4969, 4972, 4999, 5101, 5126,  
5176, 5199, 5214, 5221, 5276, 5371, 5394, 5406,  
5411, 5453, 5484, 5571, 5683, 5775, 5778-5779,  
5838, 5898, 5909, 6004, 6028, 6047, 6103, 6121,  
6187, 6218-6219, 6225, 6266, 6334, 6480, 6486,  
6532, 6551, 6592, 6664, 6663, 6686, 6702, 6723,  
6739, 6741, 6773, 6871, 6879, 6898, 7077-7078,  
7107, 7149, 7185, 7219, 7222, 7240, 7253, 7258,  
7273  
FACTOR IX: 23, 400-401, 462, 539, 558, 780, 1215,  
1414, 1620, 1938, 2280, 2334, 2354, 2625, 2761,  
2878, 3016, 3178, 3229, 3596, 3909, 4129, 4524,  
4528, 4579, 4634, 4669, 4802, 4941, 5221, 5276,  
5370-5371, 5406, 5676, 5778-5779, 6004, 6047, 6121,  
6143, 6219, 6225, 6235, 6552, 6558, 6645, 6685,  
7107, 7240, 7256  
FACTOR X: 373-374, 399, 618, 1374-1375, 1414,  
1688, 2093, 2096-2097, 2121, 2280, 2417, 2878,  
2990, 3011, 3016, 3219, 3360, 3596, 3761, 3958,  
3997, 4129, 4430, 4524, 4579, 4597, 4634, 4669,  
4802, 4841, 5200, 5252, 5276, 5285, 5370, 5407,  
5411, 5600, 5676, 5683, 5776, 6143, 6645,  
6697-6698, 6739, 7077-7078, 7080, 7193, 7256  
FACTOR XI: 400-401, 2280, 2303, 2459, 2878, 2990,  
3888, 4445, 4669, 5221, 7187  
FACTOR XII DEFICIENCY: 333, 2091, 2391, 3043,  
5221, 6486  
FACTOR XII: 13, 333, 579, 1124, 1610-1611, 2091,  
2094, 2098, 2280, 2391, 2459, 2535, 2878, 2917,  
2944, 3122, 3359, 3430, 3655, 3886, 3888, 4363,  
4438, 4445, 4669, 4707, 4728, 5011, 5072, 5411,  
5549, 5756, 5898, 6235, 6263, 6775, 6810, 7187  
FACTOR XIII: 16, 101, 131, 146, 194, 625, 796,  
943, 1046, 1074, 1327, 1542, 1581, 1606, 1866,  
1938, 1945, 1979, 2069, 2091, 2131, 2280, 2460,  
2474, 2531, 2947, 3113, 3432, 3786, 3790, 3976,  
4319, 4823, 4825, 4851, 5233, 5257, 5259, 5442,  
5478, 5480, 5531, 5600, 5795, 6107, 6276, 6281,  
6567, 6664, 6806, 6915, 7240  
FACTOR ANALYSIS, STATISTICAL: 3263, 4853,  
4926, 4966  
FAD: 782, 2457, 3863, 4608  
FALLOPIAN TUBES: 140, 1528, 4055, 4990, 5440,  
6892, 6976  
FALSE NEGATIVE REACTIONS: 2368, 4695, 6425  
FALSE POSITIVE REACTIONS: 3685, 4523, 4695,  
4786, 5578, 6425, 6842  
FAMILY: 991, 3563  
FAMILY CHARACTERISTICS: 5103  
FAMILY PLANNING: 3869  
FAMOUS PERSONS: 2571, 3809  
FANCONI SYNDROME: 2045, 5610, 6770  
FANTASY: 3506  
FARMER'S LUNG: 3797, 6795



# SUBJECT INDEX

FASCIA: 1436, 2822, 3081, 5340  
FASCIOLA HEPATICA: 2723  
FASTING: 533, 601, 657-658, 1454, 1555-1556, 2530, 3316, 3686, 4091, 4160, 4833, 5018, 5099, 5219, 5279, 5471, 5726, 5855, 5884  
FAT TOLERANCE TEST: 2929, 6997  
FATS: 1168, 1873, 2259, 2929, 3257, 5189, 5884, 6048, 7101, 7171  
FATS, UNSATURATED: 1233, 4627, 5189, 6784  
FATTY ACIDS: 130, 183, 386, 545, 575, 657-658, 825, 902, 1027, 1070, 1110-1112, 1120, 1155, 1946, 1975, 2009, 2017, 2279, 2711, 2975, 3010, 3016, 3167, 3234, 3238, 3408, 3468, 3529, 3778, 4018, 4366, 4403, 4446, 4610, 4627, 4647, 5245, 5336, 5339, 5388, 5395, 5568, 5759, 5854, 6586, 6956, 6964, 7070-7071, 7101, 7148, 7158, 7225  
FATTY ACIDS, ESSENTIAL: 183, 509, 733, 1233, 2017, 3238, 5245, 6788  
FATTY ACIDS, NONESTERIFIED: 105, 203, 315, 356, 533, 942, 1168, 1210, 1220, 1592, 1661, 1720, 1799, 2080, 2240, 2307, 2427, 2521, 2737, 2776, 2848, 3167, 3417, 3478, 4546, 4548, 4559, 4833, 5279, 5476, 5506, 5723, 5728, 5854-5855, 6077, 6126-6127, 6472, 6546, 6784, 6830, 6905  
FATTY LIVER: 183, 889, 2000, 2084, 2307, 2337, 3062, 3582, 3800, 5659, 5855  
FATTY STREAK, ARTERIAL: 38, 212, 1929, 2302, 3082, 3247, 3529, 3686, 3765, 6234, 6971  
FAVISM: 1222, 6708  
FEAR: 3807  
FECES: 201, 329, 353, 604, 1538, 1862, 1890, 2114, 2356, 2552, 2591, 2675, 3030, 3128, 3190, 3323, 3439, 3981, 4047, 4167, 4285, 4705, 4939, 6041, 6359, 6379, 6433, 6722, 6973, 7127  
FEEDBACK: 1033, 3090, 3450  
FEEDING BEHAVIOR: 4983, 5654  
FEES, MEDICAL: 7240  
FEES, PHARMACEUTICAL: 3630  
FELTY'S SYNDROME: 6856  
FEMALE: 2, 8-9, 12, 14, 22, 27-28, 30-32, 35-37, 41-42, 46, 48, 56, 58-59, 64-65, 70, 74-75, 78-79, 82, 85-87, 91, 93-94, 100, 102-103, 106, 109-110, 112-113, 120, 124-127, 129, 131-133, 135, 137-138, 140, 146-147, 152, 156, 160, 165-166, 170, 173, 175, 184-185, 194, 196, 198, 201, 207, 209-210, 213-215, 234, 236, 240, 242, 246-247, 251, 259, 267-268, 276, 279, 282, 288, 291-292, 294-296, 298, 308, 311, 315-316, 323, 327, 341, 346-347, 354, 357-358, 361, 367, 378-383, 391, 397, 412-413, 418-419, 421, 428, 430, 432-433, 436, 439-440, 442, 445, 447, 455-456, 463, 465-466, 468, 471-473, 476, 484, 487-488, 502, 504, 508, 510, 512, 514, 519, 533-536, 539, 547-548, 553, 555, 557-558, 565-566, 569, 572, 577-579, 581, 589, 607, 610, 614, 616, 621-622, 626-627, 630, 646-647, 649-651, 653, 657-658, 666, 671-672, 692-693, 710, 715-718, 721, 725-726, 729-730, 734, 736, 738-739, 743, 745, 748-749, 751, 758, 761, 765, 768-770, 772, 775, 778, 784, 786, 789-790, 793, 798-800, 803, 806, 808-809, 812, 814-815, 819, 823, 826-827, 833-834, 843, 862-863, 865, 879, 881, 883-888, 895-896, 899, 904, 909, 913, 918-917, 919, 922, 927, 938, 947, 949-950, 952-955, 960-961, 963-964, 967, 972, 974-976, 980, 982-983, 985, 988, 1002-1003, 1008-1012, 1018, 1020-1022, 1028, 1031, 1035, 1039, 1042, 1047, 1050, 1052-1056, 1069, 1071-1072, 1074, 1080, 1085, 1087-1090, 1092, 1094-1095, 1100-1101, 1115-1116, 1124, 1127, 1129-1130, 1134, 1136, 1138, 1141, 1146-1147, 1157-1159, 1164, 1167, 1169-1170, 1172-1174, 1181-1183, 1187, 1193, 1195-1196, 1198, 1203-1204, 1208, 1210, 1217, 1220, 1224, 1228-1227, 1232, 1239, 1243, 1249, 1253-1254, 1258, 1258, 1262, 1274-1275, 1279-1280, 1285-1286, 1291, 1293, 1306, 1309-1311, 1314, 1322, 1326, 1328, 1331-1332, 1336, 1349, 1357, 1359, 1381-1363, 1365, 1368-1370, 1388, 1396-1398, 1407, 1418, 1421, 1423, 1428-1430, 1435, 1438-1439, 1443-1444, 1453, 1462, 1472, 1484-1485, 1492, 1494, 1498-1500, 1505-1506, 1515, 1518, 1521-1522, 1524  
1525, 1527-1528, 1530-1533, 1538, 1540, 1543, 1545, 1547, 1549, 1552, 1555-1561, 1569, 1572-1573, 1575, 1577-1578, 1583, 1586, 1593, 1596, 1598, 1601, 1606, 1609-1611, 1615, 1627-1628, 1632, 1634, 1639, 1645, 1647, 1651, 1658-1659, 1665-1666, 1670-1671, 1673, 1675, 1678, 1683, 1687, 1691, 1693-1694, 1699, 1701, 1703-1704, 1706-1707, 1710, 1712, 1714-1715, 1718, 1720-1722, 1727-1729, 1733-1736, 1739, 1744, 1746-1748, 1752, 1758-1759, 1764, 1767, 1770, 1774, 1778, 1780-1781, 1784-1787, 1789, 1797, 1806, 1810-1814, 1830, 1832, 1837-1839, 1841, 1844, 1848, 1850, 1852, 1859, 1865-1866, 1870, 1873, 1875, 1877-1878, 1882, 1886-1887, 1890, 1893-1894, 1896-1897, 1899, 1906, 1908-1913, 1916, 1926-1927, 1934-1935, 1940, 1943, 1945, 1948, 1950, 1952, 1955, 1960, 1964-1965, 1968, 1973, 1980, 1986, 1991, 1995, 1998-1999, 2002, 2005, 2012-2014, 2016-2018, 2024, 2030-2031, 2035, 2037, 2040, 2043, 2045-2047, 2054, 2073, 2075, 2085-2086, 2089, 2092-2094, 2096-2097, 2099-2100, 2105-2106, 2120, 2128-2131, 2134, 2136, 2143-2144, 2146, 2149-2150, 2155, 2163-2165, 2168, 2170, 2174-2176, 2179, 2185, 2188, 2195, 2199, 2205, 2207, 2213, 2216, 2227-2228, 2231, 2236, 2240, 2242, 2245, 2247-2248, 2252-2253, 2258-2259, 2262-2264, 2269, 2275, 2277-2278, 2281, 2286, 2290, 2292-2293, 2295, 2299-2300, 2303, 2311, 2315, 2320, 2326, 2328, 2331-2332, 2334, 2340, 2342, 2344, 2347, 2349, 2351, 2354, 2356, 2363-2364, 2366-2368, 2371-2372, 2376, 2384, 2386, 2389-2390, 2394, 2396, 2402, 2404, 2408, 2411, 2414, 2419, 2422, 2436, 2440, 2443, 2446, 2451, 2454, 2460-2463, 2465-2466, 2477-2478, 2480, 2484, 2491-2492, 2505-2507, 2510-2512, 2514, 2517, 2522, 2528-2530, 2534-2538, 2543, 2546, 2548, 2552, 2557-2559, 2561, 2568, 2570, 2574, 2577, 2582, 2585-2586, 2591, 2596, 2601, 2606, 2608, 2611, 2624, 2626-2627, 2636, 2639-2640, 2647, 2656, 2658, 2664, 2671, 2674-2675, 2678, 2688-2691, 2694, 2699-2700, 2705-2706, 2709, 2712, 2714-2715, 2721, 2724-2725, 2729, 2742, 2745-2746, 2755  
2761, 2776, 2781-2785, 2787-2788, 2790, 2793, 2801, 2807, 2811, 2822, 2829-2831, 2833, 2836, 2841, 2843-2844, 2846, 2851-2852, 2854-2856, 2867-2868, 2870, 2873-2874, 2879, 2888-2889, 2891, 2893-2894, 2902, 2904, 2909, 2915, 2917-2919, 2923, 2930-2931, 2936, 2938, 2942, 2948, 2953, 2960, 2964-2965, 2967, 2973, 2977, 2981-2982, 2987-2988, 2991, 2994, 2996-2997, 3001-3002, 3005, 3009, 3012, 3018, 3022-3024, 3028, 3030, 3033, 3042, 3056, 3059, 3062, 3074, 3086-3087, 3091, 3094, 3097, 3099-3100, 3103, 3106, 3110, 3113-3114, 3117-3118, 3133, 3139, 3141, 3143, 3145, 3149, 3154-3155, 3161, 3164, 3171, 3173, 3177, 3179, 3186-3187, 3190, 3199-3200, 3208, 3211, 3215-3216, 3219, 3222, 3239-3240, 3242, 3249, 3254-3255, 3257, 3261, 3267-3268, 3270-3271, 3275-3278, 3283-3284, 3286-3287, 3290, 3292-3294, 3302, 3306, 3308, 3310, 3313, 3319, 3322, 3324, 3326-3328, 3332, 3344-3345, 3350, 3358, 3360, 3362-3363, 3365, 3368, 3376, 3380, 3382-3384, 3391-3392, 3394, 3406, 3409, 3411, 3413-3416, 3418, 3421, 3426, 3435, 3437, 3440, 3444-3445, 3447-3448, 3452-3453, 3456, 3459-3460, 3463, 3465, 3471, 3478, 3480, 3483-3484, 3486, 3488, 3492, 3494, 3501-3502, 3506-3507, 3510, 3516, 3519, 3529, 3531, 3536, 3540, 3542-3544, 3551-3553, 3557, 3561, 3563, 3566-3568, 3570, 3576, 3587, 3598, 3598, 3603, 3605, 3608-3609, 3611, 3613, 3615-3616, 3624, 3626, 3631-3633, 3635, 3637, 3640-3641, 3644-3647, 3649, 3651, 3656, 3660-3661, 3663, 3667, 3669, 3674, 3679, 3682, 3685, 3687, 3689, 3692, 3702, 3713, 3715-3717, 3721, 3726, 3735, 3740, 3743, 3745, 3747, 3749-3751, 3761-3763, 3766, 3769-3772, 3777, 3780-3783, 3786-3789, 3792-3795, 3798-3799, 3808, 3813, 3815, 3818, 3820, 3822, 3829, 3835, 3845-3846, 3848, 3850-3853, 3859, 3867, 3869-3870, 3876, 3884-3885, 3894, 3897, 3902, 3905, 3909, 3912, 3919, 3927-3931, 3935-3937, 3942, 3946-3947, 3954-3955, 3959, 3962-3963, 3967-3968, 3972, 3981, 3988, 3992, 4003, 4006, 4009-4010, 4012, 4015-4016, 4023, 4035, 4040-4043, 4049, 4054  
4055-4057, 4065-4066, 4068-4069, 4076-4077, 4080, 4083-4084, 4094, 4096, 4098, 4100, 4103, 4106-4107, 4109, 4113, 4120-4121, 4123, 4126-4127, 4130-4131, 4134-4137, 4141, 4145, 4147, 4153-4154, 4159-4160, 4166, 4169-4174, 4180-4181, 4183-4185, 4188, 4191, 4195, 4199-4201, 4207-4208, 4211-4212, 4215, 4219, 4229, 4231, 4235-4236, 4245, 4249-4251, 4262, 4277, 4282, 4284, 4289, 4295-4296, 4299, 4304, 4306, 4316-4318, 4320-4323, 4326, 4336, 4339-4340, 4342-4343, 4351-4352, 4368, 4370, 4372, 4377, 4381, 4386, 4388-4389, 4391, 4397-4399, 4402, 4406, 4409-4411, 4416-4418, 4424-4426, 4428-4429, 4437-4438, 4450, 4457, 4459-4461, 4463, 4465-4466, 4479-4480, 4487, 4489-4490, 4495-4496, 4498-4499, 4507-4508, 4514, 4524, 4526, 4534, 4539-4540, 4543, 4546-4548, 4550, 4554, 4575, 4577-4583, 4586, 4588, 4590-4592, 4599-4600, 4603-4607, 4610, 4614, 4617, 4619, 4623-4624, 4626, 4636-4637, 4640-4641, 4644, 4646, 4650, 4656, 4661, 4666, 4671, 4674, 4677, 4685, 4696, 4703, 4710, 4712, 4718-4720, 4728-4730, 4737, 4740, 4757, 4764, 4767, 4770, 4774-4776, 4778, 4784-4785, 4789, 4807, 4812, 4829, 4832, 4840, 4843-4845, 4849, 4851, 4859-4860, 4863, 4865, 4870, 4873, 4877, 4881-4882, 4891, 4893, 4895, 4900-4904, 4906, 4908, 4919, 4921, 4925, 4929, 4931, 4936, 4942, 4944, 4947, 4958-4960, 4964-4965, 4970, 4976-4978, 4990-4991, 4993, 4995-4997, 5001, 5006, 5008-5010, 5014-5018, 5024, 5028-5029, 5036, 5039, 5041, 5043-5044, 5052, 5054, 5056-5057, 5061, 5068, 5076, 5081-5083, 5090, 5092, 5094, 5097-5098, 5101, 5115-5117, 5121, 5124, 5129-5131, 5135, 5137, 5139, 5144, 5149-5150, 5152-5153, 5156, 5159-5160, 5164-5166, 5170, 5174-5175, 5182-5184, 5187, 5189, 5195, 5199, 5205, 5209, 5211, 5218-5219, 5221, 5224-5226, 5232, 5236, 5239-5242, 5247, 5249-5251, 5253, 5262, 5266, 5268, 5270, 5272, 5274-5275, 5278-5280, 5289, 5292-5294, 5299, 5303-5304, 5310-5311, 5313-5315, 5320, 5326, 5335, 5343-5344, 5350, 5361, 5366, 5375, 5391-5392, 5398-5399, 5403-5404, 5412, 5414  
5416, 5422, 5425, 5432, 5439-5440, 5445, 5447, 5452, 5458, 5460, 5466, 5469, 5471, 5474, 5478, 5480, 5488, 5491, 5493-5495, 5499-5501, 5503, 5505-5506, 5509-5510, 5518-5519, 5521-5522, 5527, 5530, 5532, 5549-5550, 5553, 5556, 5558-5560, 5565-5568, 5576, 5578, 5581-5589, 5594-5595, 5600, 5606-5608, 5613, 5618, 5621, 5625-5626, 5631-5632, 5638-5641, 5643, 5646, 5652, 5654, 5656, 5663-5664, 5668, 5672, 5674, 5678, 5679, 5680, 5686-5688, 5696, 5698-5699, 5703-5704, 5708, 5712-5714, 5722, 5726, 5728-5731, 5734, 5742-5743, 5745, 5747-5748, 5750, 5752, 5755, 5757-5758, 5767-5768, 5774, 5788, 5790, 5805, 5810-5811, 5814, 5816, 5824-5825, 5830, 5839-5841, 5848, 5856, 5859, 5864, 5867, 5882-5883, 5886, 5889, 5893-5894, 5899, 5903-5904, 5909, 5911, 5917, 5919-5920, 5924-5925, 5928, 5935, 5941, 5946-5947, 5952, 5959, 5976-5978, 5981, 5983-5985, 5996, 5998, 6003, 6008, 6010, 6016-6017, 6030, 6032, 6038-6040, 6043-6046, 6052-6053, 6060, 6063, 6066, 6068, 6073, 6078, 6089-6090, 6093, 6099, 6102-6103, 6105, 6110-6111, 6113, 6117, 6122, 6127, 6133, 6135, 6137, 6145, 6147-6148, 6156, 6165, 6169-6170, 6176, 6181-6182, 6186, 6192-6194, 6202, 6205, 6207-6209, 6214, 6216, 6226, 6229, 6232-6234, 6242, 6280, 6271, 6277, 6285, 6289-6290, 6294, 6296, 6298, 6300, 6302-6306, 6316, 6322, 6324, 6337-6338, 6342, 6344, 6347, 6349, 6352-6354, 6356-6357, 6365, 6367, 6369, 6372-6374, 6378, 6381, 6398-6400, 6404, 6406, 6409, 6412-6414, 6420, 6425-6426, 6431, 6435, 6438-6439, 6441-6442, 6446-6448, 6455, 6466, 6471, 6480-6483, 6486, 6490, 6493, 6495, 6500, 6513, 6521, 6524-6526, 6530, 6533-6536, 6539-6541, 6550-6551, 6553-6554, 6557, 6560, 6572, 6574-6576, 6591, 6593-6595, 6597, 6604-6605, 6611-6612, 6616, 6620, 6622, 6636, 6639, 6648, 6656-6657, 6659, 6663-6664, 6666, 6677-6678, 6680, 6684, 6688, 6690-6691, 6693, 6696-6698, 6701, 6707-6708, 6710-6711, 6714, 6716, 6718, 6727, 6731, 6737, 6742-6743, 6745-6747, 6749-6751, 6754-6755, 6757, 6759, 6764-6765, 6768-6769, 6782, 6794, 6796, 6803-6804, 6806, 6813, 6815, 6827, 6831-6832, 6834-6837, 6839, 6845-6846, 6850, 6852, 6856, 6858, 6863, 6870, 6876, 6882, 6887-6888, 6890-6892, 6897, 6904, 6907, 6911-6912, 6914, 6919, 6923, 6925, 6927, 6930, 6936-6937, 6941, 6947, 6949, 6951, 6954, 6959, 6962, 6976, 6982, 6989, 6997, 7001-7002, 7004, 7006, 7014, 7016, 7024, 7031, 7035, 7039, 7041, 7046-7047, 7052, 7054, 7059, 7065-7067, 7072, 7075-7078, 7083, 7101, 7106, 7109, 7111, 7113, 7118, 7122-7124, 7130, 7132, 7134, 7137, 7140-7141, 7146, 7159, 7161, 7169, 7173-7176, 7179, 7184, 7186, 7202, 7207, 7209, 7213, 7217-7220, 7223, 7230, 7232-7233, 7236, 7244-7245, 7247, 7265, 7267-7268, 7270, 7272, 7277, 7280  
FEMORAL ARTERY: 38, 76, 143, 265, 294, 634, 638, 714, 1168, 1172-1173, 1203-1204, 1347, 1379, 1392, 1424, 1497, 1617, 1677, 1686, 1781, 1787, 1999, 2047, 2071, 2107, 2119, 2194, 2514, 2609, 2758, 2882, 2904, 3098, 3242, 3858, 4264, 4429, 4434, 4564, 4631, 4744, 4755-4756, 4981, 5204, 5316, 5562, 5576, 5718-5719, 5955, 6329, 6375, 6381, 6614, 6878, 6923, 7059, 7136  
FEMORAL FRACTURES: 242, 710, 954-955, 1076, 1223, 1236, 1497, 2384, 413



# SUBJECT INDEX

FEMORAL NERVE: 1072, 1322, 4212, 4434, 6125  
 FEMORAL VEIN: 530, 1236, 1424, 1606, 1612,  
 2362, 2477, 2882, 2963, 3029, 3096, 3201, 3592,  
 4125-4128, 4393, 4434, 4685, 4864, 4995, 5955,  
 6728, 6878  
 FEMUR: 1569, 1630, 2899, 4434, 4705, 4845, 6125  
 FEMUR HEAD: 614, 818, 1236, 4434  
 FERMENTATION: 4649  
 FERRITIN: 2202, 2350, 3610, 5792, 6842  
 FERRIDOXINS: 3863, 4088, 4555, 5281  
 FERRICYANIDES: 637, 1477, 3485, 5119, 6783  
 FERRITIN: 165, 1216, 2015, 2102, 5369, 6246  
 FERROCYANIDES: 635-636, 1385, 2550, 5119, 6783  
 FERTILITY: 4084, 4141  
 FERTILIZATION: 122, 3987, 7066  
 FETAL DEATH: 379-380, 580, 582, 599, 1285, 1980,  
 2146, 3219, 3869, 4840, 4991, 5014, 5978, 6137,  
 6848  
 FETAL DISEASES: 323, 580, 582, 2574, 2606,  
 2647, 3466-3467  
 FETAL GLOBULINS: 1633, 6779  
 FETAL HEART: 1980, 3601  
 FETAL HEMOGLOBIN: 507, 1054, 1363, 4797, 4925  
 FETAL MEMBRANES: 365, 895, 1196, 1363, 4030,  
 6760  
 FETOMATERNAL TRANSFUSION: 863, 1129, 1543,  
 2292, 4977-4978, 5767  
 FETUS: 254, 323, 496, 610, 1237, 1313, 1530, 1543,  
 1633, 1678, 1777, 2087, 2124, 2408, 2606, 2900,  
 3117, 3412, 3456, 3543, 3713, 4038, 4739, 4840,  
 5839, 6316, 6949, 6992  
 FEVER: 72, 739, 751, 1118, 1887, 2082, 3076, 3418,  
 3620, 3751, 4336, 4430, 4478, 4625, 4671, 4696,  
 5287, 5486, 5917, 6863, 6927  
 FIBRIN: 10, 33, 174, 176, 375, 378-379, 474, 495,  
 562, 592-593, 626, 628, 703, 747, 763, 796, 835,  
 1013-1014, 1053, 1106, 1152-1153, 1163, 1165, 1185,  
 1289, 1291, 1302-1303, 1383, 1401, 1410, 1549,  
 1708, 1742, 1756, 1777, 1829, 1851, 1874,  
 1930-1931, 1957, 1988, 2043, 2131, 2133, 2159,  
 2186, 2248, 2256, 2280, 2332, 2339, 2355, 2408,  
 2411, 2482, 2528, 2606, 2719-2720, 2740, 2831,  
 2846, 2892, 2961, 3018, 3060, 3068, 3232, 3243,  
 3432-3433, 3491, 3499, 3534, 3573, 3696, 3705,  
 3719, 3721-3722, 3784-3786, 3790, 3812, 3820, 3835,  
 3891, 3907, 3923, 3941, 3955-3957, 3966-3967, 4099,  
 4205, 4207, 4254, 4282, 4316-4319, 4362, 4372,  
 4415, 4425, 4468, 4470, 4484, 4581, 4585, 4654,  
 4778, 4972, 4975, 4994, 5057, 5071, 5127, 5173,  
 5244, 5254-5259, 5321, 5376, 5471, 5494, 5524-5525,  
 5582-5584, 5590, 5613, 5715, 5735, 5765, 5775,  
 5870, 5898, 5936, 5963, 6009, 6046, 6137, 6162,  
 6183, 6185, 6203, 6276, 6300, 6331-6332, 6378,  
 6414, 6425, 6511, 6567, 6587, 6608, 6612, 6696,  
 6811, 6827-6828, 6838, 6849, 6858, 6921, 6949,  
 7016, 7021, 7045, 7196  
 FIBRIN FILM AND FOAM: 1023, 3302, 4085,  
 4102, 4607, 5836, 6045, 7137  
 FIBRINOGEN: 10, 16, 51-53, 86, 131, 134-136, 147,  
 155, 158-159, 165, 174-175, 180, 191, 209, 230,  
 242, 246-247, 256, 270, 273-274, 283, 289, 314,  
 316, 349, 351, 379-380, 394, 423, 444, 446, 458,  
 461, 498, 512, 537, 562, 586, 591-593, 603, 612,  
 618, 618, 624, 649-651, 710, 716-718, 733, 738,  
 747, 762-764, 784, 796, 849, 873, 877, 907,  
 914-915, 982-983, 1005, 1015-1016, 1022, 1032,  
 1044, 1064, 1071, 1152, 1159-1160, 1165, 1176,  
 1181, 1205, 1213, 1223, 1289-1291, 1301-1302, 1327,  
 1351, 1372, 1375, 1401, 1423, 1470, 1490,  
 1495-1496, 1500, 1506, 1523, 1532, 1553, 1556,  
 1568, 1608, 1633-1634, 1639, 1648, 1672, 1685,  
 1708-1709, 1713, 1723, 1743, 1748-1749, 1757, 1759,  
 1766, 1777-1778, 1783, 1788, 1800, 1803, 1814,  
 1822, 1850, 1855, 1868, 1874, 1912, 1928, 1945,  
 1959, 1967, 1979-1980, 1982, 2002, 2017, 2038,  
 2098, 2124-2126, 2133, 2143, 2157, 2183, 2186,  
 2188, 2212, 2266, 2275, 2334, 2410-2412, 2447,  
 2450, 2462, 2482, 2498, 2500, 2510, 2528, 2567,  
 2575, 2581-2582, 2637, 2652-2653, 2667, 2669-2670,  
 2710, 2724, 2761-2762, 2770-2771, 2779, 2781, 2794,  
 2820, 2850, 2863, 2917, 2945, 2958, 3021-3023,  
 3026, 3052, 3061, 3068, 3071, 3135, 3155, 3210,  
 3217, 3219, 3233, 3243, 3290, 3299, 3301, 3303,  
 3369, 3413, 3415, 3432-3433, 3474, 3490, 3499,  
 3507, 3516-3517, 3519, 3522, 3543, 3570, 3593,  
 3648, 3652, 3690, 3707, 3719, 3721-3722, 3746-3747,  
 3749, 3790, 3832, 3873-3874, 3876, 3891, 3904,  
 3907, 3916, 3923, 3939, 3941, 3943, 3957,  
 3966-3967, 3974, 3976, 3979, 4000, 4004, 4008,  
 4099, 4102, 4104, 4106, 4129, 4133-4135, 4154,

4165, 4205, 4213, 4221, 4241, 4243, 4254,  
 4272-4273, 4282, 4316-4319, 4325, 4363, 4393, 4396,  
 4399, 4405, 4413-4414, 4419, 4430, 4460, 4462,  
 4484, 4527, 4530, 4579-4581, 4585, 4594, 4604,  
 4615, 4629-4633, 4654, 4669, 4680, 4695, 4711,  
 4750, 4755, 4820, 4828, 4850, 4866, 4869, 4886,  
 4969, 4992-4994, 5052, 5060, 5071, 5118, 5132,  
 5167, 5173, 5189, 5221, 5226, 5237, 5258,  
 5267-5268, 5270, 5275, 5298-5299, 5301, 5313,  
 5321-5322, 5324  
 5341, 5373-5374, 5391, 5404, 5420, 5426, 5458,  
 5470-5471, 5524, 5550, 5559, 5578, 5582, 5600,  
 5613, 5634, 5644, 5683, 5690, 5744, 5767, 5836,  
 5862, 5870, 5889, 5891, 5898, 5920, 5949, 5963,  
 5994, 6009, 6017, 6042, 6044, 6046, 6065,  
 6071-6073, 6097, 6137, 6143, 6168, 6185, 6187,  
 6203-6204, 6214, 6217-6218, 6246, 6281, 6315-6316,  
 6323, 6331, 6342, 6353, 6360, 6364, 6410, 6425,  
 6437, 6479, 6486, 6500, 6509-6511, 6525, 6530,  
 6567, 6612, 6642, 6671, 6723, 6735, 6739, 6757,  
 6775-6776, 6811, 6827-6829, 6840-6841, 6858, 6861,  
 6863, 6892-6893, 6896, 6898, 6915, 6937, 6944,  
 6990, 6992, 7021-7022, 7024, 7041, 7047, 7076-7078,  
 7087, 7090-7091, 7098, 7113, 7131, 7144, 7146,  
 7149, 7156, 7168, 7195-7196, 7247, 7254  
 FIBRINOLYSIS: 9, 11, 103, 123, 136, 155, 171,  
 180, 217, 237, 251, 290, 336, 503, 553, 557, 561,  
 574, 587, 717, 742, 794, 1039, 1058, 1190-1192,  
 1205, 1238, 1301, 1303, 1520, 1556, 1558, 1579,  
 1612, 1633, 1638, 1794, 1825, 1924, 1936, 1940,  
 1949, 2034, 2059, 2186, 2249, 2350, 2352-2353,  
 2377-2378, 2428, 2447, 2469, 2482, 2498, 2501,  
 2583, 2630, 2713, 2760, 2861, 2905, 3045, 3052,  
 3083, 3165, 3174-3175, 3247, 3268, 3359, 3369,  
 3409, 3432, 3448, 3567-3569, 3592, 3708, 3778,  
 3798, 3865, 3868, 3963, 3967, 4021, 4057, 4108,  
 4110, 4188-4187, 4205, 4259, 4272-4273, 4333,  
 4571-4572, 4396, 4406, 4494, 4504, 4585, 4589,  
 4707, 4711, 4786-4787, 4812, 4823, 4885, 4966,  
 4971, 4975, 5128, 5245, 5251, 5286, 5293, 5298,  
 5516, 5530-5531, 5562, 5573, 5786, 5816, 5825,  
 5870, 5889, 5891, 6046, 6055, 6083, 6116, 6144,  
 6244, 6259, 6281, 6283, 6343, 6425, 6499, 6562,  
 6565, 6574, 6583, 6629, 6852, 7024, 7032, 7054,  
 7143, 7147, 7168, 7175  
 FIBRINOLYSIS: 11-13, 42, 55, 77, 81, 102, 113,  
 123, 131, 136, 146-147, 153-155, 159, 174, 178,  
 183, 185, 194, 211, 232-233, 246, 258, 270, 289,  
 316, 333, 378-379, 394, 448, 461, 508, 520, 522,  
 534, 536, 548, 553, 560, 562, 574, 586, 588, 618,  
 624, 649-651, 698, 707, 717-718, 759, 763, 871-872,  
 879, 924, 940, 943, 970, 980, 982-983, 994, 1018,  
 1030, 1039, 1071, 1084, 1143, 1157, 1190, 1205,  
 1223, 1241, 1244, 1266, 1291, 1301, 1303, 1359,  
 1369, 1390, 1423, 1431, 1443, 1506, 1548, 1555,  
 1572, 1586-1587, 1617, 1633-1636, 1638, 1656, 1658,  
 1669, 1672, 1712, 1742-1743, 1757-1759, 1778, 1822,  
 1825, 1835, 1842, 1850, 1866, 1937, 1956,  
 1979-1980, 1988, 2020, 2034, 2059, 2065, 2072,  
 2082, 2111, 2117, 2119, 2124-2126, 2151, 2186,  
 2239, 2249, 2281, 2284, 2286, 2301, 2304, 2309,  
 2314, 2353, 2410, 2419, 2447, 2458, 2460,  
 2472-2473, 2475, 2482, 2498, 2501, 2503, 2510,  
 2527-2528, 2531, 2567, 2574, 2581, 2607, 2611,  
 2613-2614, 2650, 2669, 2671, 2689, 2695, 2725,  
 2781, 2788, 2794, 2829-2831, 2841, 2843-2845, 2855,  
 2857, 2863, 2883, 2905, 2917, 2919, 3061, 3065,  
 3068, 3082, 3113, 3141, 3186-3187, 3207, 3210-3211,  
 3219, 3232-3233, 3243, 3290-3291, 3302, 3319,  
 3363-3365, 3416, 3442, 3446, 3473-3474, 3482, 3491,  
 3510, 3527, 3557-3558, 3560, 3567, 3570-3571, 3596,  
 3630, 3720-3722, 3729, 3744, 3746-3747, 3754, 3778,  
 3814, 3876, 3878, 3904, 3914, 3939-3941, 3943,  
 3963, 4021, 4034, 4055, 4062, 4102-4103, 4135,  
 4178-4182, 4184-4185, 4189, 4191, 4201, 4205, 4232,  
 4244, 4266, 4297-4298, 4301, 4318, 4358, 4372,  
 4413, 4436-4437, 4462, 4480, 4499, 4514, 4579-4583,  
 4585, 4593-4595, 4603, 4615, 4619, 4630, 4654,  
 4707, 4718, 4746-4747, 4789, 4812, 4866, 4869,  
 4885, 4904, 4908, 4969, 4971-4972, 4975, 4993-4994,  
 5004, 5010, 5014-5015, 5017, 5131, 5143, 5164,  
 5176, 5181, 5189-5194, 5213, 5216, 5242, 5267,  
 5279, 5289, 5298, 5335, 5372, 5374, 5390, 5456,  
 5458, 5460, 5471, 5473, 5500, 5502, 5509, 5515,  
 5531, 5555, 5562, 5570, 5573, 5583, 5585, 5594,  
 5622, 5628-5629, 5634  
 5644, 5740, 5775, 5809, 5822, 5824, 5845-5846,  
 5870, 5920, 5924, 5927, 5932-5933, 5963-5965,  
 5982-5984, 5987, 5989, 5992, 6037, 6044-6045, 6055,  
 6097, 6102, 6113, 6137, 6217, 6252, 6259, 6281,

6294, 6317, 6323, 6343-6344, 6353, 6360, 6363-6365,  
 6414, 6425, 6442, 6466, 6499-6500, 6507, 6510-6511,  
 6563-6564, 6572, 6574, 6612, 6642, 6664-6665, 6768,  
 6786, 6811, 6827, 6829, 6840, 6846, 6867, 6872,  
 6896, 6927, 6942, 6981, 7021-7024, 7050, 7076-7078,  
 7098, 7125, 7134, 7137, 7144-7145, 7149, 7161,  
 7184, 7196, 7204, 7213  
 FIBRINOLYTIC AGENTS: 102, 155, 170, 185, 238,  
 242, 288, 354, 586-587, 669, 672, 717, 742, 747,  
 785, 794, 870, 940, 946-947, 952, 980, 1166, 1172,  
 1189, 1291, 1301, 1303, 1520, 1583, 1612, 1614,  
 1617, 1633-1634, 1638, 1670, 1822, 1825, 1829,  
 1854, 1896, 1933, 1979, 2065, 2177, 2183, 2261,  
 2381-2382, 2442, 2498, 2513, 2630, 2739, 2831,  
 3024-3025, 3103, 3154, 3165, 3233, 3243, 3304,  
 3341, 3523, 3557, 3567-3569, 3718, 3747, 3778,  
 3802, 3852, 3861, 3904, 3925, 4194, 4196, 4165,  
 4186, 4202-4203, 4210, 4244, 4278, 4282, 4314,  
 4372, 4393, 4397, 4470, 4494, 4530, 4707, 4818,  
 4850, 4873, 4885, 4994, 5182, 5189-5190, 5192-5194,  
 5216, 5242, 5289, 5373, 5456, 5460, 5471, 5681,  
 5704, 5724, 5809, 5816, 5836, 5870, 5932, 5984,  
 5986, 5992, 6037, 6097, 6116, 6163, 6279, 6317,  
 6344, 6363, 6414, 6417, 6421, 6423, 6500, 6611,  
 6642, 6662, 6691, 6730, 6778, 6786, 6811, 6829,  
 6838, 6883, 6909, 7003, 7029, 7035, 7078, 7131,  
 7252, 7255  
 FIBROBLASTS: 116, 160, 486, 495, 499, 567, 841,  
 1014, 1139, 1858, 2026, 2222, 2865, 2970, 2989,  
 3171, 3376, 3525, 3816, 4416, 5524, 5619, 5833,  
 6378, 6454, 6465, 6760, 7107  
 FIBROIN: 1907, 3806  
 FIBROMA: 646, 999, 1335, 1435, 2394, 2867, 3575,  
 4253, 4883, 4953, 5073, 5396, 5537, 5664, 6304  
 FIBROSARCOMA: 229, 1036, 1167, 1335, 2173,  
 3261, 3375, 3641, 4459, 5301, 6346, 6388, 7150  
 FIBROUS DYSPLASIA OF BONE: 1114, 6304,  
 6799  
 FIBULA: 1497, 2579  
 FIGLU TEST: 2836  
 FILARIASIS: 2196, 3996  
 FILTRATION: 249, 325, 439, 933, 997, 1017, 1043,  
 1045, 1065, 1121, 1791, 2152, 2156, 2233, 2619,  
 2837, 3016, 3045, 3903, 4266, 4350-4351, 4394,  
 4516, 4529, 4923, 4943, 5535-5536, 5691, 6022,  
 6166, 6339, 6551, 6624, 6818, 6910, 7093  
 FINGER INJURIES: 620, 3143, 3508, 4578  
 FINGER JOINT: 1797  
 FINGERS: 620, 691, 767, 1651, 1797, 1962, 2110,  
 4712, 5121, 5698  
 FINLAND: 7225  
 FIRST AID: 668, 1794, 5331  
 FISH DISEASES: 229  
 FISH LIVER OILS: 1233  
 FISH PRODUCTS: 6213, 7148  
 FISHES: 3, 34, 150, 228, 266, 370, 590, 782, 1405,  
 1510, 1684, 1790, 1864, 2269, 2308, 2389, 2403,  
 2813-2814, 3170, 3600, 3949, 4075, 5317, 5349,  
 6096  
 FISTULA: 377, 490, 6387  
 FLAGELLA: 998, 6801  
 FLAVINS: 782, 1201, 1356, 6158  
 FLAVOBACTERIUM: 1428  
 FLAVONES: 3928, 4900, 5699, 7197  
 FLOUR: 1065, 3316  
 FLUFENAMIC ACID: 178, 2188, 2903, 6536, 6790,  
 7044, 7191  
 FLUORENES: 4132, 4803  
 FLUORESCINS: 274, 485, 1764, 2489, 2628, 3010,  
 3210, 3275, 4785, 5708  
 FLUORESCENCE: 122, 485, 978-979, 1240, 1454,  
 3013, 3648, 4758, 4760, 5059, 6220, 6348  
 FLUORESCENT ANTIBODY TECHNIC: 30, 165,  
 174, 349, 517-518, 738, 747, 1153, 1367, 1895,  
 2283, 2344, 2490, 2682, 2865, 2909, 3408, 3422,  
 3646, 3736, 3907, 4317, 4319, 4437, 4468, 4484,  
 4684, 4806, 4995, 5254-5256, 5307, 5374, 5525,  
 5590, 5878, 5957, 6062, 6073, 6088, 6113, 6194,  
 6189, 6811, 7015-7016  
 FLUORESCENT DYES: 3101, 3210, 4092-4093, 4315,  
 6348  
 FLUORIDES: 148, 250, 424, 563, 733, 920, 1105,  
 1337-1338, 1680, 1901, 2004, 2481, 2686-2687, 3008,  
 3249, 3827, 3871, 4745, 4810, 5059, 5422, 5770,  
 6310, 6644, 7158, 7241  
 FLUORINE: 304, 559, 611, 1602, 1773, 2555, 3621,  
 4387, 4549, 5999, 6171, 7028, 7135  
 FLUOROACETATES: 223, 1808, 3136, 4760, 7135  
 FLUOROCARBON POLYMERS: 404, 974, 1781,



# SUBJECT INDEX

2883, 3038, 3590, 3841, 3881, 3991, 4544, 5440,  
5528, 6162, 6782, 6941, 7156  
FLUOROMETRY: 259, 892, 1454, 1631, 2834, 3101,  
3786, 4472, 4572, 5066, 6003, 6158, 6575, 6629  
FLUOROSCOPY: 1908, 2735, 5573  
FLUOROURACIL: 1025, 1832, 1861, 2205, 3191,  
4809, 5333, 5877, 6771  
FLUPREDNISOLONE: 6145  
FMN: 782, 2457, 2628, 3863  
FOCAL INFECTION: 3413  
FOCAL INFECTION, DENTAL: 5207  
FOLIC ACID: 807, 1545, 2209, 2599, 2836, 2847,  
4240, 4260, 5553, 5821, 5654, 6477, 6938  
FOLIC ACID ANTAGONISTS: 2386, 2644  
FOLIC ACID DEFICIENCY: 1545, 2599  
FOLLOW-UP STUDIES: 46, 93, 135, 294, 447, 552,  
778, 1003, 1204, 1518, 1781-1782, 1830, 1866, 1950,  
2031, 2227, 2925, 2940, 3057, 3470, 3640, 3669,  
3734, 3758, 3821, 4046, 4219, 4231, 4251, 4388,  
4390, 4526, 4590, 4737, 5499, 5616, 5618, 5674,  
5718, 5729-5730, 6012, 6079, 6186, 6291, 6381,  
6478, 6648, 6923, 7244-7245  
FOOD: 483, 5471  
FOOD ADDITIVES: 390, 1133, 6733  
FOOD ANALYSIS: 275, 5504, 6158, 7225  
FOOD CONTAMINATION: 2449, 5961  
FOOD HABITS: 3827, 7225  
FOOD HANDLING: 5961  
FOOD HYPERSENSITIVITY: 3  
FOOD IRRADIATION: 5504  
FOOD MICROBIOLOGY: 517-518, 2449, 4194, 5307,  
5961, 6599  
FOOD POISONING: 6599  
FOOD PRESERVATION: 891, 4194, 5504, 6599  
FOOD-PROCESSING INDUSTRY: 3610, 3875, 5504,  
5733  
FOOT: 297, 1064, 2658, 4871, 5294, 5699, 6186,  
6216  
FOOT-AND-MOUTH DISEASE VIRUS: 776, 3917  
FOOT DISEASES: 484, 1621, 1664, 2991, 3032,  
6195  
FOREARM: 1927, 2658, 4559, 4860, 5016  
FOREIGN BODIES: 524, 1014, 1081, 1560, 1677,  
3122, 4976, 5012, 5955  
FORELIMB: 464, 1367, 1640, 1650, 4829, 6005  
FORENSIC MEDICINE: 2676, 2971, 3933, 6111,  
6574  
FORMALDEHYDE: 1354, 2600, 2869, 3003, 3032,  
3307, 3695, 4243, 4762, 5358, 5812, 6082, 6516,  
6747, 7280  
FORMAMIDE: 1117, 6014  
FORMATES: 807, 2716, 5120, 5455  
FORMIC ACIDS: 427, 605, 1117, 1647, 2215, 4161,  
4240, 4745, 4760, 4839, 5021, 5759, 6461  
FOWL PLAGUE: 3705  
FRACTURE FIXATION: 69, 242, 620, 1393, 2189,  
2579, 3656, 5699, 6004, 6266  
FRACTURE FIXATION, INTERNAL: 242, 1236  
FRACTURE FIXATION, INTRAMEDULLARY:  
5564  
FRACTURES: 242, 577, 620, 625, 954-955, 1076,  
1497, 1559, 1664, 2040, 2436, 2579, 3309, 3441,  
3859, 4385, 4467, 4965, 5342, 5448, 5582, 5584,  
5688, 5744, 6260, 7027, 7160  
FRACTURES, UNUNITED: 1497  
FRAMYCETIN: 3465  
FRANCE: 903, 1007, 3625, 5403  
FREE RADICALS: 3863, 4387, 4551  
FREEZE DRYING: 608, 1065-1066, 1161, 1657,  
1707, 2430, 2594, 2779, 3195, 3256, 3396, 3405,  
3970, 4155, 4182, 4633, 5216, 5962, 6159, 6220,  
6359  
FREEZE ETCHING: 3405, 3586  
FREEZING: 15, 96, 342-343, 609, 794, 852, 898,  
929, 1019, 1098, 1113, 1273, 1295, 1316, 1377,  
1384, 1405, 1468-1469, 1474, 1581, 1643, 1735,  
1765, 2237, 2268, 2654, 2912, 3049, 3373, 3446,  
3839, 4051, 4074, 4078, 4146, 4351, 4672, 4731,  
4787, 4876, 5186, 5315, 5514, 5526, 5589, 5634,  
5758, 5789, 5791, 5851, 6222, 6267-6268, 6403,  
6465, 6509, 6553, 6633-6634, 6725-6726, 6741, 6871,  
6879, 6978, 7040, 7133  
FREUND'S ADJUVANT: 762, 3648, 3650, 4545,  
4911, 4946, 5034, 7090  
FRIEND VIRUS: 5658  
FROGS: 370, 425, 590, 1137, 1377, 1510, 1517,  
1790, 2403, 2430, 3035, 3170, 3348, 3811, 4834,  
4921, 5160, 5324, 5929, 6052  
FRONTAL LOBE: 622  
FROSTBITE: 2861

FRUCTOSE: 150, 787, 825, 3539, 3870, 7158  
FRUIT: 7171  
FSH: 4644, 4870, 6735  
FUCOSE: 139, 840, 1364, 2722, 2875, 3926, 4447,  
4916, 6467, 6545, 7069  
FUMARATES: 1394, 1755, 1771  
FUNDUS OCULI: 1764, 2484, 2489, 2735, 2833,  
3275, 4092-4093, 4785, 5123, 5708, 6257, 6353,  
6902  
FUNGI: 322, 1385, 1957, 2976, 3381, 3610, 4562,  
5429  
FURANS: 1763, 3211, 4151, 4683, 5828, 5953, 7103  
FUROSEMIDE: 4528, 5840  
FURUNCULOSIS: 2189, 4337, 6651  
FUSIDIC ACID: 3881

## G

GADOLINIUM: 3512  
GAFFKYA: 5237  
GALACTOSE: 130, 825, 840, 864, 953, 1364, 2722,  
2875, 2895, 3336, 3700, 3728, 3920, 3926, 4225,  
5226, 5274, 6467, 6545, 7158  
GALACTOSIDASE: 3, 309, 1320, 1405, 1676, 2141,  
2202, 2659, 2661-2662, 2906, 3610, 4267-4268, 6270,  
6280, 6578, 6619  
GALANTHAMINE: 6656  
GALLBLADDER: 2064, 6164  
GALLBLADDER DISEASES: 455, 2461  
GALLBLADDER NEOPLASMS: 3935, 5333  
GALLIC ACID: 2114, 5716  
GAMMA GLOBULIN: 9, 51, 53, 111, 217, 273, 302,  
349, 436, 439, 540, 604, 616, 747, 762, 783, 878,  
1109, 1113, 1145, 1193, 1259-1260, 1370, 1494,  
1632, 1692, 1695, 1768, 1772, 1870, 1889, 2135,  
2155, 2176, 2344, 2420-2421, 2595, 2652, 2950,  
2962, 3063, 3135, 3456, 3519, 3531, 3633,  
3683-3684, 3833, 3907, 3973, 4034, 4112, 4136,  
4144-4145, 4154, 4165, 4304, 4317, 4349, 4419,  
4471, 4568-4569, 4742, 4759, 4806, 4838, 4895,  
4913, 4954, 5053, 5071, 5205, 5254-5256, 5353,  
5420, 5458, 5621, 5747, 5909, 6028, 6068, 6113,  
6187, 6233, 6244, 6246, 6608, 6776, 6787, 6790,  
6841, 6861, 7004, 7028, 7089-7090, 7123, 7185  
GAMMA GLOBULIN, FS: 30, 111, 165, 209, 284,  
349, 389, 437-439, 569, 576, 603, 738, 776, 783,  
878-879, 907, 918, 1089, 1145, 1193, 1406, 1478,  
1932, 2102, 2120, 2131, 2155, 2183-2184, 2344,  
2469, 2541, 2743, 2948, 2950, 3190, 3443, 3598,  
3685, 3862, 3893, 3907, 3909, 4044, 4112,  
4143-4144, 4169-4172, 4342, 4349, 4360-4361, 4379,  
4684, 4692, 4760, 4868, 5051, 5067, 5169, 5178,  
5205, 5275, 5353, 5423, 5569, 5709, 5745, 5747,  
5817, 5966, 6041, 6073, 6083, 6113-6114, 6144,  
6189, 6443, 6461, 6671, 6767, 6775, 6848, 6943,  
7093, 7159, 7209, 7247  
GAMMA GLOBULIN, 19S: 111, 165, 349, 403, 569,  
603, 738, 776, 879, 949, 1848, 2120, 2131, 2155,  
2344, 2544, 2743, 3685, 3888, 3907, 4044,  
4169-4172, 4242, 4342, 4966, 5067, 5079, 5205,  
5709, 5747, 6114, 6189, 6943, 7159  
GANGLIA: 334, 2634  
GANGLIA, BASAL: 1739, 4442  
GANGLIONEUROMA: 4543  
GANGLIONIC BLOCKADERS: 2786, 4915, 5904  
GANGLIOSIDES: 1624, 4151, 4846, 6553, 6578  
GANGRENE: 2071, 2191-2192, 2909, 3444, 3503,  
3855, 4040, 4227, 4262, 4949, 6068, 6120, 6214,  
6334, 6376, 6778  
GASES: 2426, 5451  
GASTRECTOMY: 49, 225, 943, 1048, 1830, 2020,  
2632, 2674, 3088, 3172, 3351, 4379, 4534, 6576,  
7025, 7078, 7118  
GASTRIC ACIDITY DETERMINATION: 1012, 1830,  
2129, 3169, 6681  
GASTRIC FISTULA: 3169, 4508, 5018, 6432  
GASTRIC HYPOTHERMIA: 4815, 6670  
GASTRIC JUICE: 377, 402, 448, 681, 1012, 1075,  
1218, 2057, 2129, 2134, 2873, 2703, 2757, 2870,  
3169, 3190, 3339, 4379, 5018, 5035, 5463, 5972,  
6322, 6432, 6681, 6742  
GASTRIC LAVAGE: 720, 4815  
GASTRIC MUCOSA: 681-682, 1075, 1118-1119, 1218,  
1600, 1645, 2870, 5018, 5146, 5601, 6681, 6908  
GASTRIN: 377, 3169, 3339, 3879, 5282  
GASTRITIS: 682, 3710, 6413, 6908  
GASTROENTERITIS: 3588  
GASTROENTEROSTOMY: 1772, 3913, 4015, 4508  
GASTROINTESTINAL AGENTS: 2767  
GASTROINTESTINAL DISEASES: 133, 430, 493,

517-518, 656, 1021, 1570, 2510, 3520, 3541, 3594,  
4285, 5074, 5076, 5204, 6041, 6452, 6814, 6839,  
6936  
GASTROINTESTINAL HORMONES: 1567  
GASTROINTESTINAL MOTILITY: 225, 1908, 3169,  
3836, 4239, 4668, 5074, 5177, 5972  
GASTROINTESTINAL NEOPLASMS: 1613, 2647,  
5204, 5333, 5496, 7118  
GASTROINTESTINAL SYSTEM: 387, 1075, 1441,  
2177, 2206, 2405, 2692, 3308, 4167, 4314, 4409,  
4971, 5074, 5203, 5388, 6706, 6936, 6974  
GASTROSCOPY: 3439  
GAUCHER'S DISEASE: 923, 2446, 3992, 4277, 5409  
GEES: 3685, 4845  
GEL DIFFUSION TESTS: 3, 19, 64, 149, 176, 178,  
205, 352, 415, 439, 553, 776, 892, 937, 956, 962,  
1015, 1107, 1109, 1113, 1122, 1335, 1355, 1406,  
1542, 1690, 1695, 1728, 1748, 1825, 1849, 2297,  
2102, 2143, 2297, 2428, 2588, 2633, 2657, 2682,  
2710, 2802, 2860, 2878, 2962, 3091, 3204, 3210,  
3325, 3464, 3571, 3646, 3685, 3738, 3943,  
3946-3947, 3974, 4030, 4143, 4165, 4170-4172, 4196,  
4271, 4282, 4296, 4342, 4379, 4484-4485, 4491-4492,  
4684, 4723, 4758, 4760, 4762, 4923, 4941, 4968,  
4972, 5019, 5079, 5169, 5353, 5366-5368, 5555,  
5615, 5677, 5690, 5710, 5812, 5816, 5878, 5963,  
6061, 6063, 6073, 6092, 6113, 6174, 6244, 6270,  
6272, 6275, 6347, 6425, 6461, 6610, 6817, 6825,  
6919, 6929, 6943, 7010, 7038, 7047, 7102, 7195  
GEL FILTRATION: 11, 18, 45, 104, 115, 139, 150,  
179, 196, 199, 373-374, 406, 427, 493, 589, 604,  
635-636, 663-664, 686, 700, 713, 771, 783, 805,  
829, 840, 860-861, 864, 898, 902, 928, 953, 976,  
1001, 1013, 1034, 1089, 1096, 1102, 1107, 1122,  
1144, 1187, 1200, 1340-1341, 1348, 1380-1381, 1385,  
1398, 1406, 1427, 1512, 1653, 1751, 1795, 1809,  
1889, 1921, 1923-1924, 1941, 1949, 1983, 1987,  
2001, 2028, 2080, 2112, 2135, 2182, 2184, 2241,  
2256, 2306, 2348, 2377-2382, 2420-2421, 2430, 2482,  
2501, 2515, 2544, 2567, 2611, 2616, 2621, 2630,  
2685-2687, 2693, 2708, 2722, 2738, 2741, 2764,  
2792, 2803, 2851, 2860, 2875-2876, 2939, 2941,  
2984, 2986, 2988, 2992, 3014, 3016, 3019, 3044,  
3049, 3085, 3103, 3145, 3165, 3193, 3213, 3223,  
3270-3271, 3279, 3307-3308, 3316, 3336-3337, 3347,  
3371, 3379, 3396, 3450, 3456, 3566, 3584, 3598,  
3619, 3668, 3672, 3701, 3728, 3826, 3899, 3908,  
3926, 3982-3983, 3997, 4028, 4030, 4060, 4144,  
4160, 4168, 4177, 4214, 4240, 4260, 4265, 4270,  
4273-4274, 4310-4312, 4347, 4349, 4360-4363, 4367,  
4447, 4474-4475, 4485, 4493-4494, 4525, 4572, 4615,  
4666, 4697-4699, 4713-4714, 4759-4760, 4762, 4768,  
4805, 4810, 4816, 4835, 4838-4839, 4870, 4880,  
4910, 4916, 5021-5022, 5059, 5067, 5071, 5087,  
5169, 5178, 5188, 5285, 5317, 5324, 5328, 5353,  
5373, 5381, 5389, 5402, 5413, 5420, 5428, 5455,  
5536, 5547, 5551, 5569, 5601, 5612, 5634-5635,  
5684, 5697, 5777, 5888, 5905, 5914, 5918, 5929,  
5970, 5973, 6002, 6024-6025, 6051, 6092, 6118,  
6131-6132, 6150, 6172, 6220, 6259, 6280, 6295,  
6326-6327, 6332, 6335-6336, 6340, 6370, 6395, 6410,  
6440, 6443, 6457, 6465, 6511, 6527-6529, 6544-6545,  
6548, 6551, 6605, 6610, 6650, 6724, 6748,  
6790-6791, 6817, 6825, 6847, 6929, 6938, 6967,  
6987, 7060-7061, 7064, 7081, 7097, 7144, 7194  
GELATIN: 362, 1618-1619, 1822, 1826, 2188, 2325,  
2441, 2504, 2956, 3399, 3458, 3539, 3643, 3708,  
3817, 3825, 3838, 4241, 4432, 4500, 4800, 4940,  
5014, 5017, 5033, 5110, 5331, 5534, 5751, 5791,  
6485, 6507, 6530, 6965, 7155  
GELFOAM: 2517, 6162  
GELS: 126, 150, 217, 450, 511, 604, 628, 664, 796,  
807, 937, 1154, 1163, 1224, 1623, 1818, 2059, 2204,  
2320, 2353, 2449, 2648, 2988, 3147, 3347, 3369,  
3621, 3680, 3701, 3813, 3860, 3891, 4031, 4052,  
4064, 4322, 4491, 4723, 4838, 4910, 4923, 4925,  
5022, 5033, 5188, 5353, 5420, 5428, 5470, 5710,  
5745, 5808-5809, 5821, 5968, 6022, 6331, 6511,  
6999, 7035, 7102, 7194  
GENE FREQUENCY: 1130, 1298, 1730-1731, 3435,  
5103-5104, 5620, 6289  
GENERAL PRACTICE, DENTAL: 6814-6815  
GENES: 2116, 2433, 2839, 2938, 2985, 6287, 6444,  
6461, 6912, 6929  
GENES, DOMINANT: 1285, 1361, 2168, 2221, 4326,  
5366, 5726, 6289, 6897, 7261  
GENES, LETHAL: 4001  
GENES, RECESSIVE: 780, 1361, 1958, 2097, 3786,  
4865, 5037, 5366, 6289, 7246  
GENES, REGULATOR: 2828, 3650, 5101



# SUBJECT INDEX

- GENES, STRUCTURAL: 29, 700, 1476, 2433, 2595, 4535, 5512, 5619, 5824, 5968, 7259  
GENES, SUPPRESSOR: 2299, 3245  
GENETIC CODE: 326, 807, 1299, 1833, 1978, 2173, 2593, 2716, 4724, 5793, 5824, 6166, 6461, 6963, 7260  
GENETICS: 1406, 2797, 5403, 6416  
GENETICS, BIOCHEMICAL: 141, 366, 370, 1154, 1228, 1285, 1833, 1958, 2218, 2433, 2727, 2828, 3111, 3245, 3660, 3949, 4415, 4913, 5000, 5169, 5557, 5620, 6444, 6963  
GENETICS, HUMAN: 141, 558, 824, 1228, 1285, 1298, 1726, 1737, 1958, 2299, 3782, 5202, 5512, 5619, 5968, 6057, 6287-6288, 7259  
GENETICS, MICROBIAL: 168, 1154, 2152, 2349, 2839, 3753, 3917, 3924, 4233, 4257-4258, 4357, 4758, 5433, 6760  
GENETICS, POPULATION: 29, 2433, 5104, 6289, 6444  
GENITALIA: 4971  
GENITALIA, FEMALE: 3149, 6892, 6962  
GENOTYPE: 99, 1130, 1285, 1298, 1599, 3552, 5587, 5620, 6057, 6434, 6963, 7067, 7223  
GENTISATES: 733  
GEOGRAPHY: 2369  
GEORGIA: 2752  
GERBILS: 1660  
GERM CELLS: 6461  
GERM-FREE LIFE: 1097, 3128, 4293  
GERMANY, EAST: 3392, 3437  
GERMANY, WEST: 173, 2506, 3792, 4114, 4646, 4788, 5613, 5674, 5717, 5961, 6599, 7210  
GERSTMANN'S SYNDROME: 216  
GESTATIONAL AGE: 32, 391, 579, 610, 927, 1633, 1911, 2900, 3815, 4172, 4316-4317, 4582, 4703, 4739, 4893, 5292, 5978, 5984, 6277  
GIANT CELL TUMORS: 359, 2601, 3281, 6304, 6308  
GIANTISM: 6765  
GILLS: 6161  
GINGIVA: 2058, 6108  
GINGIVAL DISEASES: 5175  
GINGIVITIS: 1642, 2058, 4204, 4378, 6026  
GIZZARD: 3549  
GLASS: 501, 598, 1383, 2158, 2453, 2459, 2564, 3457, 3489-3490, 3990, 4222, 4563, 5436, 6624, 6775, 6877, 6948, 7012, 7134  
GLAUCOMA: 271, 280, 300, 341, 513, 1052, 1279, 1350, 1357, 1563, 1703, 1899, 2827, 3330, 3796, 3821, 3988, 4390, 4631, 6718  
GLOBLASTOMA MULTIFORME: 216, 236, 1776, 1861, 2422, 2762, 3075, 3191, 4484, 5993  
GLIOMA: 216, 2756, 3075, 4484, 4531, 5290, 5385, 5409, 6034  
GLOSIS: 6034  
GLOBINS: 1299, 2752, 3826, 6263, 6325, 6366, 6401, 6684, 6779, 6963, 6967, 7260  
GLOBULINS: 171, 289, 1301, 1511, 4322, 4835, 6841  
GLOMERIOMA: 662, 1335, 3438, 3748, 5396  
GLOMERULAR FILTRATION RATE: 14, 174, 201, 2252, 2888, 5728, 6691  
GLOMERULONEPHRITIS: 285, 288, 349, 514, 747, 801, 1134, 1549, 1588, 1897, 1915, 2246, 2546, 2663, 3039, 3177, 3790, 3864, 3907, 5036, 5112, 5392, 5416, 5799, 5878, 5911, 6073, 6189, 6232, 6356, 6649, 6829, 6857, 7176  
GLUCAGON: 105, 852, 921, 1592, 3261, 3320, 3530, 3599, 4267, 4476, 4508, 5058, 5381, 5415, 5422, 6126  
GLUCOCORTICOID: 497, 610, 676, 910, 963, 1071, 2188, 2198, 2328, 2535, 4407, 4528, 4610, 4914, 5058, 5187, 5235, 5706, 6715, 7044, 7054, 7257  
GLUCONATES: 4136, 4536  
GLUCONEOGENESIS: 2115, 3066, 3136, 5513  
GLUCOSAMINE: 130, 226, 840, 1340, 1427-1428, 1470, 2722, 2738, 2895, 3336, 3621, 3877, 3924, 4213, 4273, 4447, 6083, 6085, 6280, 6467, 6545, 6847, 7069  
GLUCOSE: 2, 126, 157, 191, 255, 290, 315, 386, 509, 766, 790, 825, 852, 864, 900, 910, 912, 987, 989, 1058, 1064, 1108, 1112, 1131, 1201, 1249, 1294, 1317-1318, 1364, 1383, 1394, 1440, 1473, 1592, 1614, 1849, 1892, 1975-1976, 2009, 2080, 2115, 2130, 2216, 2230-2231, 2443, 2539, 2648, 2713, 2816-2817, 2958, 3055, 3066-3067, 3167-3168, 3181, 3202, 3211, 3320, 3405, 3472, 3539, 3574, 3584, 3643, 3707, 3731, 3772, 3870, 3889, 3910, 3924, 3926, 3964, 4029, 4160, 4241, 4267, 4283, 4403, 4472, 4508, 4536, 4563, 4625, 4686, 4731, 4775, 5038, 5080, 5213, 5260, 5273, 5323-5324, 5450, 5526, 5763, 5765, 5831, 5854, 5878, 5882-5884, 5945, 6142-6143, 6146, 6201, 6236-6237, 6258, 6301, 6453, 6468, 6507, 6625, 6741, 6865, 6880, 6972, 7158  
GLUCOSE OXIDASE: 3610, 3628, 5765  
GLUCOSE TOLERANCE TEST: 1592, 2073, 2456, 3071, 3857, 4160, 5726, 5977, 6937  
GLUCOSEPHOSPHATASE: 2456, 2975, 4783, 5145, 6105  
GLUCOSEPHOSPHATE DEHYDROGENASE: 1317, 1420, 1474, 2570, 4402, 4713, 4798, 4925, 5512, 5595, 5819, 5623, 5689, 5824, 6549, 6625  
GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY: 4402, 4775, 4797, 5595, 6053, 6707-6708, 7223  
GLUCOSEPHOSPHATE ISOMERASE: 1474, 5512, 5619, 5968  
GLUCOSIDASE: 3, 1905, 2657, 3574, 4368, 4433, 6270  
GLUCOSYLTRANSFERASES: 563, 1019, 1337-1338, 2502, 3066-3067, 3574, 3610, 3827, 4472, 4618, 6104, 6625, 7000  
GLUCURONATES: 353, 2481, 3055, 5119, 5171  
GLUCURONIDASE: 263, 353, 546, 682, 815, 1320, 1525, 2481, 2508, 2539-2541, 2657, 2659, 2661-2662, 2793, 3247, 4433, 5486, 6105, 6504, 6619, 6944  
GLUTAMATE DEHYDROGENASE: 1482, 2881, 2933, 5066, 6105  
GLUTAMATES: 130, 302, 384, 979, 1152, 1356, 1684, 1773, 2933, 3374, 3545, 4225, 4280, 4572, 4658, 4768, 5222, 5547, 6069, 6105, 6220-6221, 6808, 6999, 7033, 7155  
GLUTAMINASE: 458, 6311  
GLUTAMINE: 302, 2515, 2876, 3545, 4119, 4658, 4716, 4768, 4928, 5222, 5536, 6191  
GLUTARATES: 2231, 2956  
GLUTATHIONE: 1682, 2550, 2808, 2866, 4422, 4749, 4834, 4935, 5968, 6025, 6053, 6354  
GLUTATHIONE REDUCTASE: 1682, 5595  
GLUTEN: 3981  
GLYCERALDEHYDE: 787  
GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE: 150, 1019, 1420, 1474, 3194, 3672-3673, 6459, 6549, 7008  
GLYCERIC ACIDS: 1394, 5023  
GLYCERIDES: 893, 1111, 1799, 1809, 2238, 3090, 3657, 4849, 5279, 5794, 6301, 6433, 7101, 7178  
GLYCERIN: 511, 608, 741, 1210, 1384, 1509, 2279, 2388, 2521, 3401, 3405, 3657, 3701, 3731, 4175-4176, 4290, 4672, 5395, 5526, 5589, 5789, 5791, 5945, 6126, 6301, 6549, 6633-6634, 6725, 6881, 7178  
GLYCEROLPHOSPHATE DEHYDROGENASE: 1601, 2833, 6929  
GLYCEROPHOSPHATES: 744, 787, 1317-1318, 3213, 4027, 4797, 5486, 6258, 6549, 6964, 7165  
GLYCERYL TRINITRATE: 5782, 5903, 6307  
GLYCINE: 205, 565, 744, 934, 978, 1364, 1386, 1667, 1684, 1716, 1749, 1907, 2212, 2531, 2828, 3048, 3785, 3879, 3882, 4347, 4415, 4733, 4846, 4988, 5000, 5262, 5637, 5838, 5945, 6009, 6069, 6535, 6640, 6665, 6806, 7041  
GLYCOGEN: 563, 886, 1064, 1394, 1473, 2502, 2549-2550, 3066-3067, 3101, 3575, 4007, 4116, 4316, 4586, 4616, 5038, 5381, 5769, 6104, 6625, 6865-6866, 7000  
GLYCOGENOSIS: 2746, 4604  
GLYCOLIPIDS: 1155, 3574, 3992, 5264, 5941, 7128  
GLYCOLS: 1588, 1631, 2129, 2565, 2777, 3152, 4024, 4175-4177, 5838  
GLYCOLYSIS: 126, 148, 1019, 1394, 1473, 1607, 1976, 2327, 2635, 2933, 3167, 3191, 3471-3472, 3832, 5937, 6310, 6619, 7158, 7165  
GLYCOPROTEINS: 64, 139, 230, 373, 388-389, 407, 474, 501, 686, 795, 840, 1001, 1113, 1364, 1405, 2703, 2722, 2749, 2875-2876, 2916, 2958, 3135, 3286, 3337, 3371, 3700, 3724, 3728, 3910, 3926, 4213, 4273, 4312, 4322, 4367, 4447, 4794, 5021, 5328, 5429, 5684, 5745, 5878, 6083, 6106, 6160, 6280, 6479, 6544-6545, 6553, 6577-6578, 6580, 6591, 6735, 6803  
GLYCOSIDE HYDROLASES: 122, 139, 262, 450, 1320, 1961, 2102, 2481, 2525, 2738, 3528, 3610, 3899, 3924, 3992, 4433, 4562, 5918, 6280, 6473, 6847, 6853, 7069  
GLYCOSIDES: 2390, 3348, 4217, 4312, 5901, 6105, 6280, 6285, 6788  
GLYCOSURIA: 398  
GLYOXYLATES: 4723  
GOATS: 237, 259, 438, 1296-1297, 1351, 1406, 1790, 2103, 2233, 2296, 2403, 2405, 5147, 5151, 5969, 6609, 6644, 6775, 6848, 7033, 7047  
GOITER: 106, 4006, 4305, 5359, 6352, 6648, 7078  
GOITER, EXOPHTHALMIC: 644, 923, 4305, 5799, 5865, 6629  
GOLD: 1415, 1782, 4933  
GOLD COLLOID, RADIOACTIVE: 1900  
GOLGI APPARATUS: 263, 2556, 3438, 3606, 6146  
GONADOTROPINS: 2173, 6976  
GONADOTROPINS, CHORIONIC: 890, 2851, 4387-4388, 4644, 6735, 7086, 7083  
GONADOTROPINS, PITUITARY: 4368, 4644  
GONADS: 1604  
GONIOSCOPY: 1279  
GOODPASTURE'S SYNDROME: 1571, 2321-2322, 6671  
GOUT: 476, 614, 3095, 4358, 5404, 5720, 6156  
GOVERNMENT AGENCIES: 7261  
GRAAFIAN FOLLICLE: 1689  
GRAFT VS HOST REACTION: 284, 763, 1094-1095, 2409, 3004, 3178, 3866, 4638, 5919, 5957, 7195, 7207  
GRANULATION TISSUE: 33, 121, 2555, 4085, 4994, 6635  
GRANULOMA: 2144, 2196, 2683, 2867, 2972-2973, 3122, 3281, 3996, 4862, 5278, 5659, 6536, 6747, 6762, 6852, 6994  
GRANULOMA, LETHAL MIDLINE: 1984, 4043  
GRANULOMA, REPARATIVE GIANT CELL: 1969, 6799  
GRAPES: 2114  
GRAVITATION: 709, 4947  
GREAT BRITAIN: 98, 467, 1432, 5114, 5650, 6436, 6859, 7212, 7248, 7261  
GREECE: 7225  
GRISEOFULVIN: 1045, 3386  
GROWTH: 142, 515, 771, 821, 925, 2610, 3666, 4167, 5886, 6665, 7271  
GROWTH DISORDERS: 1252, 5839  
GROWTH SUBSTANCES: 2634, 3138, 5684  
GUAIACOL: 2969  
GUAIACOL GLYCERYL ETHER: 1580  
GUANETHIDINE: 7134  
GUANIDINES: 205, 501, 661, 861, 1154, 1920, 2159, 2204, 2225, 2401, 2702, 2986, 3014, 3523, 3694, 3701, 3850, 3966, 3982-3983, 4214, 4243, 4538, 4614, 4663, 4758, 4995, 5025, 5087, 5188, 5381, 5967, 6221, 6617, 7112, 7203  
GUANINE: 1235  
GUANINE NUCLEOTIDES: 2305, 3109, 3241, 3371, 5623, 7128  
GUATEMALA: 6234  
GUINEA PIGS: 9, 51-53, 76, 237, 259, 312, 420, 454, 474, 477, 612, 661, 778, 850, 935-936, 980, 1014, 1089, 1099, 1118-1119, 1149, 1185, 1269, 1287, 1387, 1486, 1595, 1601, 1698, 1705, 1768, 1771, 1790, 1804, 1816-1817, 1840, 1942, 2000, 2064, 2102, 2138, 2172, 2181, 2184, 2209, 2221, 2266, 2312, 2342, 2379-2380, 2390, 2398, 2403, 2430, 2544, 2636, 2684, 2692, 2710, 2761-2762, 2842-2843, 2862, 2865, 2913, 2915, 2949, 2988, 3076, 3087, 3164, 3174, 3233, 3255, 3307-3308, 3348, 3385, 3408, 3468, 3623, 3648, 3650, 3736, 3949, 3973-3974, 4020, 4051, 4078, 4115, 4196-4197, 4215, 4289, 4299, 4301, 4328, 4378, 4408, 4480, 4720, 4723, 4734, 4742, 4879, 4911-4912, 4917, 5015, 5026, 5029, 5132, 5168, 5206, 5223, 5387, 5418-5419, 5586, 5602, 5649, 5665, 5756, 5833, 6050, 6064-6065, 6125, 6146, 6198, 6246, 6249-6251, 6276, 6286-6287, 6316, 6354-6355, 6395, 6424, 6536, 6578, 6606, 6644, 6733, 6747, 6756, 6761, 6821, 6854-6855, 6864, 6910, 6916, 6922, 6945, 6990, 6995, 7010, 7090, 7145, 7241  
GYNECOLOGIC DISEASES: 378, 833, 1232, 1472, 1558, 2030, 2105, 2357, 2624, 2855, 2879, 3516, 3626, 3751, 3848, 4844, 5225, 5924, 6435  
GYNECOLOGIC NEOPLASMS: 1784, 3692, 5225, 5525, 6102-6103, 7118  
H  
HAEMOPHILUS: 2387, 6549  
HAEMOPHILUS INFLUENZAE: 1181, 1330  
HAFFNIUM: 866  
HAIR: 297, 2823  
HALLUX: 1664  
HALLUX VALGUS: 1664  
HALOTHANE: 694, 751, 7265



# SUBJECT INDEX

- HAMARTOMA: 1069, 1208, 1484, 1955, 2207, 2647, 3674, 3968, 4253, 4531, 5537, 5664, 5731, 6482
- HAMSTERS: 96, 116, 370, 421, 481, 486, 723, 779, 840, 935-936, 945, 992, 1764, 1790, 2101, 2150, 2403, 2490, 2805, 3101, 3144, 3183, 3737, 3917, 4078, 4792, 5073, 5116, 5197, 5611, 5746, 6128, 6184, 6606-6607, 6760, 6964, 7066
- HAND: 272, 297, 400-401, 975, 2110, 2161, 2601, 4496, 6125
- HAND DERMATOSES: 5805
- HAND INJURIES: 5698-5699
- HANDICAPPED: 539
- HAPTENS: 762, 2103, 2221, 2633, 3443, 3648, 3650, 3738, 3973, 4759, 4911-4913, 4957, 5434, 5974, 6443, 7090
- HAPTOGLOBINS: 64, 230, 388, 422, 591, 612, 1113, 1470, 1545, 1986, 2958, 3820, 4296, 5745, 6479, 6735
- HAY FEVER: 1483, 3797, 5223, 6737
- HEAD: 1038, 4915, 5674, 6651
- HEAD INJURIES: 688, 797, 1491, 1686, 2959, 4137, 4678, 5263, 5461, 5695, 7052
- HEADACHE: 91, 138, 215, 622, 1611, 1913, 4094, 4377, 5294, 5399, 5712, 6438, 6746
- HEALTH EDUCATION: 971
- HEALTH FACILITIES: 6660
- HEALTH FACILITY SIZE: 3588
- HEALTH RESORTS: 1719, 4303, 5094
- HEALTH SURVEYS: 4166
- HEARING: 5832, 6480
- HEARING DISORDERS: 4649, 4661, 5218
- HEARING TESTS: 6852
- HEART: 305, 334, 657-658, 830, 1027, 1051, 1736, 1768, 1816, 2275, 2312, 2363, 2479, 2657, 2818, 2901, 3004, 3167, 3217, 3601, 3789, 3871, 4346, 4512, 4588, 4611, 4765, 4808, 5160, 5168, 5220, 5243, 5373, 5421, 5424, 5802, 6114, 6192, 6623, 6830, 7042
- HEART ANEURYSM: 305, 1683, 2360, 3643, 5160
- HEART ARREST: 736, 751, 3348, 3884, 5665, 6588
- HEART, ARTIFICIAL: 245, 1407, 3289, 6636
- HEART ATRIUM: 1768, 2312, 2360, 4190, 4512, 4996, 5168, 5330, 5337, 5581, 6071-6072, 6189, 6831
- HEART AUSCULTATION: 2358
- HEART BLOCK: 382, 2900, 6431
- HEART CATHETERIZATION: 315, 770, 1677, 2584, 3033, 3242, 3300-3301, 3486, 4192, 5466, 5955, 6071, 6514, 6784, 6816
- HEART CONDUCTION SYSTEM: 1578, 2612, 2900-2901, 3601
- HEART DEFECTS, CONGENITAL: 308, 499, 553, 881, 1639, 1825, 2166, 2208, 2679, 2820, 3299, 3322, 3964, 4276, 4501, 4797, 5466, 5527, 5897, 6888
- HEART DISEASES: 189, 653, 695, 881, 1368, 1736, 2310, 2363, 3301, 3469, 4996, 5028, 5160, 5447, 5581, 6060, 6079, 6302, 6834, 7022, 7267, 7269
- HEART ENLARGEMENT: 1909, 5576, 5581
- HEART FAILURE, CONGESTIVE: 46, 367, 468, 472, 564, 994, 1026, 1142, 1217, 1309, 1710, 1736, 1739, 1794, 2954, 3544, 3894, 4467, 5041, 5058, 5250, 5260, 5269, 5284, 5729, 5797, 6716, 6761, 7184, 7220
- HEART INJURY TESTS: 6139
- HEART INJURIES: 1683, 6955
- HEART MASSAGE: 316
- HEART, MECHANICAL: 386, 416, 5828, 5853, 5912
- HEART NEOPLASMS: 100, 1037, 2647, 2812, 2871, 3144, 3607, 4664, 4808, 5160, 6253-6254, 6831
- HEART RATE: 245, 433, 764, 1672, 2190, 2325, 3024, 3026, 3254, 3469, 3725, 4588, 5665, 5727, 5802, 6296, 6485, 6623, 6813, 7042
- HEART SEPTAL DEFECTS: 653, 4536
- HEART SEPTAL DEFECTS, ATRIAL: 1639, 3643, 6324, 7086
- HEART SEPTAL DEFECTS, VENTRICULAR: 3322, 6782
- HEART SEPTUM: 1646
- HEART SURGERY: 156, 416, 616, 624, 881-882, 1686, 1825, 1826, 2056, 2151, 2166, 2413, 2592, 3298, 3643, 3645, 3929, 4536, 4605, 4725, 4877, 4956, 5755, 5927, 5964, 6324, 6377, 6803, 7042
- HEART VALVE DISEASES: 653, 874, 881, 2166, 2364, 2822, 2925, 4179, 4662, 6285, 6296
- HEART VALVE PROSTHESIS: 112, 357, 404, 599, 632, 1003, 1602, 1756, 2364, 2440, 2606, 2822, 2925, 3289, 3544, 3645, 3869, 4425, 4840, 5247, 5284, 5330, 5729-5730, 6079, 6539, 6636
- HEART VALVES: 2822, 5758
- HEART VENTRICLE: 1768, 3217, 3601, 4393, 4512, 4564, 5160, 5581, 5755, 5912, 6139, 6971, 7022
- HEAT: 99, 217, 250, 365, 431, 486, 501, 617, 632, 648, 741, 781, 945, 1033-1034, 1089, 1097, 1159-1161, 1287, 1297, 1385, 1476, 1561, 1631, 1657, 1696, 1791, 1809, 1883, 1942, 2028, 2044, 2107, 2182, 2305, 2329, 2348, 2352, 2359, 2399, 2520, 2600, 2648, 2684, 2686, 2704, 2802, 2813, 2838, 2877, 2906, 2912, 2962, 3079, 3108, 3139, 3241, 3256, 3316, 3388, 3404, 3554, 3568-3569, 3619, 3694, 3708, 3767, 3776, 3976, 4001, 4030, 4162, 4325, 4368, 4382, 4516, 4545, 4684, 4694, 4717, 4723, 4762, 4930, 4940, 4943, 5000, 5025-5026, 5050, 5063, 5079, 5160, 5186, 5257, 5315, 5345, 5389, 5462-5463, 5504, 5535, 5634, 5684, 5727, 5786, 5844, 5895, 5918, 5926, 5973, 6006, 6022, 6049, 6091, 6104, 6106, 6173, 6336, 6411, 6536, 6556, 6575, 6605, 6760, 6790, 6877, 6927, 6929, 6968, 6975, 6987, 7008, 7048, 7060, 7083, 7098, 7203, 7271
- HEAT EXHAUSTION: 2082, 3142, 3146, 3374
- HEATING: 2727
- HEAVY CHAIN DISEASE: 5178
- HEEL: 1573, 6125
- HEINZ BODIES: 798-799, 1430, 4389, 6875
- HELA CELLS: 325, 1154, 1235, 1313, 1428, 1858, 2222, 2323, 3006, 3162, 3376, 3456, 4017, 4924, 5025, 6014, 6305, 6581, 7107
- HEMADSORPTION: 956, 6305
- HEMAGGLUTINATION: 318, 1121, 2300, 2488, 2541, 3538, 4510, 5658, 5709, 7072
- HEMAGGLUTINATION INHIBITION TESTS: 878, 977, 991, 1289, 1513, 1539, 1941, 1958, 2368, 2370, 2962, 3215, 3301, 3685, 3728, 3909, 4061, 4106, 4376, 4606, 4796, 4845, 4958, 5125, 5169, 5816, 6075, 6131-6132, 6425, 6578, 6612, 6758, 6760
- HEMAGGLUTINATION TESTS: 141, 149, 286, 567, 899, 956, 1089, 1129, 1226, 1285, 1298, 1313, 1333, 1848, 1941, 1958, 2186, 2283, 2299, 2398, 2488, 2490, 2728, 2869, 3040, 3248, 3408, 3646, 3650, 3776, 3932, 3934-3935, 3937-3938, 3960, 4061, 4402, 4613, 4639, 4723, 4853, 4972, 4977-4978, 5019, 5034, 5151, 5209, 5429, 5812, 6027, 6088, 6324, 6496-6497, 6502, 6578-6579, 6848, 6856, 6919, 7038
- HEMAGGLUTININS, VIRAL: 3006, 3728, 4061, 5658, 5697, 6760
- HEMANGIOENDOTHELIOMA: 75, 124, 361, 911, 975, 995, 1035, 1037, 1253, 1492, 1527, 1577, 1687, 1784, 1789, 1893, 1963, 1981, 2137, 2652, 2973, 3075, 3099, 3144, 3311, 3501, 3536, 3640-3641, 3674, 4392, 4664, 4729, 4871, 4953, 5300, 5396, 5409, 5596, 5646, 5928, 6030, 6299, 6345-6346, 6490, 6729, 6774, 6798, 7229
- HEMANGIOMA: 37, 100, 132, 138, 181, 216, 227, 272, 280, 359, 392, 453, 465, 472, 484, 547, 552, 577, 615, 630, 646, 560, 662, 666, 691, 721, 726, 789, 808, 888, 894, 909, 916, 926, 973, 1028, 1069, 1080, 1092, 1103, 1146, 1169, 1197, 1208, 1239, 1335, 1362, 1373, 1395, 1397, 1435, 1458-1459, 1498, 1515, 1554, 1560, 1641, 1671, 1739, 1785, 1831, 1863, 1882, 1891, 1893, 1900, 1935, 1955, 1991, 2013, 2037, 2149, 2165, 2167, 2189, 2303, 2315, 2326, 2334, 2338, 2347, 2376, 2422, 2465, 2487, 2489, 2505, 2532, 2554, 2570, 2601, 2639, 2647, 2715, 2745, 2756, 2812, 2833, 2871, 2893, 2936, 2972, 2981, 3074, 3118, 3205, 3250, 3263, 3281, 3286, 3294, 3324, 3330, 3434, 3350, 3380, 3387, 3403, 3428, 3462-3463, 3501, 3536, 3575, 3580, 3607, 3617, 3639, 3692, 3748, 3764, 3774, 3794, 3810-3811, 3930, 3948, 3962, 3968, 3988, 3999, 4010, 4092-4093, 4140, 4199-4200, 4208, 4252-4253, 4284, 4410, 4495-4496, 4526, 4531, 4539, 4567, 4590, 4626, 4636, 4710, 4785, 4820, 4836, 4860, 4874, 4881, 4883, 4901, 4936, 4960, 5031, 5073, 5081, 5092-5093, 5098, 5236, 5269, 5290, 5361, 5396, 5445, 5461, 5491, 5496, 5510, 5532, 5544, 5556, 5576, 5609, 5631, 5664, 5670, 5674, 5696, 5708, 5711, 5731, 5805, 5811, 5819, 5830, 5839, 5993, 6007, 6038-6039, 6066, 6078, 6099, 6148, 6155, 6176, 6216, 6239, 6291-6292, 6333, 6337-6338, 6369, 6387-6388, 6404, 6550, 6588, 6648, 6719, 6738, 6796, 6799, 6804-6805, 6837, 6850, 6928, 7031, 7068, 7109, 7117, 7182, 7268
- HEMANGIOMA, CAVERNOUS: 288, 313, 606-607, 622, 662, 692, 715, 739, 985, 1103, 1335, 1373, 1396, 1442, 1484-1485, 1831, 1952, 2012, 2089, 2110, 2163, 2165, 2618, 2678, 2745, 2835, 3282-3283, 3310, 3380, 3449, 3540, 3739, 4041, 4295, 4353, 4391, 4457, 4801, 5081-5082, 5113, 5218, 5234, 5241, 5461, 5674, 5711, 5722, 5947, 6038, 6111, 6155, 6407, 6639, 6653, 6658, 6749, 7001, 7046, 7109, 7208, 7278
- HEMANGIOEPERICYTOMA: 88, 291, 722, 758, 904, 1035-1036, 1038, 1167, 1492, 1659, 1754, 2047, 2173, 2228, 2351, 2712, 2745, 3172, 3329, 3392, 3438, 3501, 3551, 3812, 4153, 4458, 4636, 4748, 4751, 4793, 5068, 5396, 6030, 6257, 6304, 6657, 6667, 6720, 6831, 6839, 7150
- HEMARTHROSIS: 17, 752, 755, 969, 1502, 2220, 2431, 2605, 2980, 3196-3197, 3905, 3979, 4886, 5484, 5827, 6358, 6823, 7253
- HEMATEMESIS: 466, 1101, 1425
- HEMATOCRIT: 135, 148, 193, 209, 308, 362-363, 380, 414, 444, 452, 457, 466, 527, 549, 557, 596-597, 601, 623, 709, 743, 756-757, 775, 798-799, 824, 913, 1042, 1064, 1087-1088, 1109, 1258, 1399, 1553, 1566, 1594, 1618, 1619, 1633-1634, 1648, 1654, 1685, 1750, 1788, 1822, 1947, 2067, 2146, 2177, 2208, 2262, 2413, 2429, 2441, 2494, 2519, 2599, 2664, 2752, 2849-2850, 3099, 3246, 3289, 3299, 3301, 3322, 3362, 3400, 3458, 3477, 3489, 3655, 3689, 3702, 3740-3741, 3747, 3838, 3841, 3892, 3903, 3981, 4432, 4500, 4579-4583, 4612, 4660, 4668, 4725, 4790, 4926, 4947, 5206, 5245, 5273, 5430, 5466, 5662, 5669, 5728, 5751, 5782, 5797, 5824, 5879, 5881-5883, 5917, 5946, 5994, 6053, 6096, 6260, 6324, 6347, 6420, 6485, 6515, 6534, 6551, 6644, 6698, 6785, 6813, 6867, 6870, 6875, 6887, 6906, 6908, 6944, 7022, 7042, 7098, 7144, 7163
- HEMATOLOGIC DISEASES: 101, 701-702, 816, 1404, 1433, 1491, 1785, 2027, 2116, 2731, 2923, 3228, 3322, 3411, 3597, 3646, 3669, 4381, 4569, 4610, 4641, 4814, 5013, 5186, 5227, 5523, 5572, 5606, 5608, 5741, 5757, 5890, 6063, 6159, 6187-6188, 6284, 6303, 6597, 6715, 6906, 7236
- HEMATOLOGY: 643, 913
- HEMATOMA: 21, 28, 60-61, 90, 113, 132, 161, 167, 187, 192, 214-216, 235-236, 295, 355, 360, 410, 432, 455-456, 491, 524, 538, 566, 620, 714, 725, 736, 773, 797, 814, 833, 855, 895, 950, 1010, 1076, 1081, 1126-1127, 1173-1175, 1194, 1198, 1203, 1224-1225, 1234, 1267, 1305, 1322, 1357, 1456, 1466, 1497, 1528, 1541, 1559, 1573, 1596-1597, 1610, 1664, 1675, 1677, 1683, 1686, 1706, 1714-1715, 1774, 1776, 1850, 1853, 1876, 1898, 1903, 1916, 1934, 1937, 1977, 1999, 2031, 2055, 2071, 2170, 2174, 2179, 2199, 2207, 2226, 2316, 2338, 2366, 2436, 2483-2484, 2507, 2514, 2523, 2532, 2548, 2557, 2572, 2592, 2656, 2676-2677, 2742, 2867, 2953, 2964-2965, 2979, 3041, 3054, 3081, 3088, 3203, 3309, 3326, 3334, 3362, 3470, 3506, 3526, 3605, 3635, 3656, 3663, 3771, 3780, 3813, 3823, 3855, 3859, 3900, 3905, 3913, 3954, 4006, 4137, 4216, 4225, 4262, 4287, 4300, 4309, 4337, 4344, 4404, 4417, 4434, 4478, 4533, 4617, 4671, 4677-4678, 4740, 4743, 4767, 4858, 4862, 4882, 4900, 4947-4948, 4962-4963, 4965, 4979, 4987, 4989, 5056, 5098, 5108, 5160, 5163, 5263, 5287, 5304, 5316, 5340, 5382, 5432, 5448, 5616, 5618, 5632, 5656, 5678, 5699-5700, 5713, 5764, 5872, 5925, 5955, 5993, 6031, 6060, 6120, 6125, 6155, 6165, 6181, 6193, 6205, 6227, 6231, 6298, 6362, 6398, 6420, 6482, 6519, 6526, 6590, 6616, 6649, 6677, 6723, 6762, 6764, 6871, 6874, 6949, 6955, 6962, 7009, 7027, 7052, 7062, 7073, 7119, 7169, 7183, 7216, 7263, 7266, 7275
- HEMATOMA, EPIDURAL: 60-61, 736, 2289, 3203, 3902, 4300, 5673, 7052
- HEMATOMA, SUBDURAL: 60-61, 80, 660, 736, 1776, 2289, 2532, 3203, 4138, 4300, 4356, 6140, 6356, 6849, 7052, 7126, 7279
- HEMATOPOIESIS: 190, 478, 800, 837, 844, 1088, 1151, 1382, 1593-1594, 1613, 1705, 1846, 2138, 2187, 2346, 2423, 2425, 2862, 3119, 3289, 3406, 3459, 4009, 4050, 4401, 4426, 4950-4951, 5045, 5414, 5443, 5640, 5908, 6207, 6597, 6704-6706, 6891, 6974
- HEMATOPOIETIC SYSTEM: 1088, 2187, 2853, 5655, 6501, 7236
- HEMATURIA: 17, 24, 90, 153, 447, 566, 738, 802, 1039, 1101, 1134, 1175, 1182, 1549, 1860, 1882, 1935, 1952, 2198, 2234, 2334, 2492, 2671, 2919, 2959, 3054, 3449, 3810, 4417, 4478, 4886, 4937, 5212, 5445, 5725, 5919, 6007, 6073, 6464, 6716, 8939
- HEME: 4294, 4839, 5395, 5405, 5477, 6366, 6394-6395, 6401, 6963, 7092
- HEMIANOPSIA: 3663, 5385



# SUBJECT INDEX

HEMIPLEGIA: 235, 622, 770, 3506, 4304, 4671, 5287, 5673  
HEMOCHROMATOSIS: 3871, 4451  
HEMOCYANIN: 4913, 5237, 7090  
HEMODIALYSIS: 79, 89, 133, 375, 386, 571, 705, 1085, 1087, 1098, 1100, 1243, 1588, 1926, 2099, 2568, 2831, 3077, 3464, 3490, 3507, 3790, 3846, 3881, 4453, 4576, 4823, 5293, 5416, 5554, 5691, 5751, 6140, 6356, 6428, 6636, 6649, 6880, 7126, 7207  
HEMODYNAMICS: 173, 362, 371, 416, 681, 726, 931, 1064, 1199, 1480, 1499, 1524, 1655, 2010, 2106, 2165, 2265, 2332, 2678, 2865, 3217, 3308, 3783, 4442, 4453, 4611, 4631, 5010, 5072, 5242, 5253, 5306, 5329-5330, 5430, 5466, 5494, 6100, 6450, 6507, 6539, 6813, 7042  
HEMOGLOBIN: 79, 110, 502, 507, 549, 612, 706, 777, 782, 811, 898, 1065, 1199, 1245, 1295, 1317-1318, 1382, 1545, 1645, 1800, 1830, 1915, 1937, 1978, 2053, 2113, 2187, 2265, 2499, 2538, 2585, 2716, 2752, 2757, 2759, 2799, 2820, 2828, 2854, 2912, 3034, 3244, 3254, 3327-3328, 3355-3356, 3393, 3412, 3549, 3603, 3658, 3826, 3865, 4064, 4070, 4228, 4402, 4511, 4537, 4601, 4642-4643, 4645, 4797, 4837, 4895, 5196, 5245, 5321, 5355, 5420, 5535, 5654, 5857, 5946, 6166, 6206, 6237, 6263, 6325, 6366, 6394, 6401, 6477, 6706-6708, 6802, 6813, 6868, 6875, 6887, 6963, 6967, 6969, 6990, 7033-7034, 7082, 7113  
HEMOGLOBIN C: 507  
HEMOGLOBIN C DISEASE: 507  
HEMOGLOBINOMETRY: 225, 414, 466, 557, 596-597, 601, 757, 775, 798-799, 809, 1042, 1062, 1088, 1109, 1114, 1317, 1383-1384, 1619, 1750, 1822, 1870, 1982, 2406, 2409, 2519-2520, 2967, 3099, 3133, 3362, 3448, 3453, 3604, 3643, 3749, 3769, 4248, 4320, 4389, 4432, 4536, 4557, 4674, 4756, 4790, 5001, 5375, 5436, 5583, 5662, 5750, 5789, 5879, 5881-5882, 6053, 6096, 6223-6224, 6324, 6658, 6785, 6867, 6870  
HEMOGLOBINOPATHIES: 1404, 1433, 3009, 4797, 4925, 5824, 6875  
HEMOGLOBINS, ABNORMAL: 29, 507, 565, 1943, 2752, 4537, 5262, 5824, 6884  
HEMOGLOBINURIA: 184, 527, 751, 6267  
HEMOGLOBINURIA, PAROXYSMAL: 4820, 5075, 5569, 6537, 7105  
HEMOLYMPH: 2075, 5185, 5237, 6042, 6579  
HEMOLYMPHS: 522, 1058-1059, 1269, 1771, 1879, 1942, 2349-2350, 2506, 2932, 3045, 3513, 3887, 4758, 4762, 5486, 5835, 5917, 5962, 6910  
HEMOLYSIS: 184, 186, 314, 414, 495, 527, 617, 898, 933, 1099, 1339, 1343, 1384, 1407, 1446-1448, 1469, 1535, 1638, 1708, 1750, 1914, 1942, 2118, 2214, 2346, 2413, 2588, 2743, 2948-2949, 3198, 3238, 3289, 3466-3467, 3508, 3625, 3643, 3652, 3713, 3749, 3887, 4024, 4059, 4198, 4320, 4418, 4436-4437, 4492, 4645, 4681, 4687, 4974, 5023, 5026, 5034, 5186, 5205, 5308, 5451, 5569, 5583, 5709, 5768, 5789, 5791, 5809, 6011, 6053, 6198, 6246, 6286, 6293, 6320, 6505, 6509, 6515, 6624, 6633-6634, 6644, 6763, 6780, 6882, 6969, 6979, 6990, 7223, 7241  
HEMOLYTIC PLAQUE TECHNIC: 224, 438, 4492  
HEMOPERITONEUM: 1076, 1101, 1774, 1841, 1904, 3293, 3865, 4359, 4540  
HEMOPHILIA: 17, 44, 58, 69, 72, 90, 97, 101, 111, 167, 213, 360, 419, 445, 452, 462-463, 539-541, 689, 696, 752-755, 828, 848, 969, 971, 1063, 1116, 1184, 1213-1215, 1221, 1250, 1271, 1352, 1376, 1432, 1562, 1723, 1836, 1856, 1860, 1936, 1946, 1954, 1962, 1969-1970, 2003, 2041, 2088, 2091, 2096, 2196, 2269, 2392, 2431, 2470, 2547, 2569, 2571-2572, 2587, 2605, 2613-2614, 2727, 2730, 2733, 2761, 2796, 2947, 2955, 2959, 2980, 2990, 3017, 3043, 3093, 3102, 3124, 3180, 3197, 3295, 3351-3352, 3370, 3464, 3546, 3556, 3588, 3669-3671, 3807, 3809, 3847, 3890, 3902, 3909, 3953, 3998, 4104, 4130, 4138, 4155, 4220-4222, 4238, 4481, 4533, 4602, 4637-4638, 4646, 4669, 4817, 4827, 4863, 4886, 4948, 4974, 4999, 5002, 5005, 5101, 5103-5104, 5126, 5198, 5201, 5228, 5233, 5371, 5394, 5403, 5406, 5453, 5484, 5529, 5571, 5580, 5587, 5778-5779, 5827, 5838, 5909, 5915, 5933, 5998, 6004, 6021, 6061-6063, 6080, 6121, 6125, 6187, 6219, 6225, 6266, 6303, 6334, 6358, 6418, 6486, 6592, 6683, 6687, 6702, 6712, 6823, 6869, 6871, 6912, 6940, 7020, 7095, 7107, 7222, 7240-7241, 7253, 7256, 7273  
HEMOPHYTISM: 693, 737, 1610, 2864, 2786, 6483

HEMORRHAGE: 16-17, 48, 59, 68, 72, 90, 113, 156, 167, 186, 197, 323, 391, 419, 513, 616, 652, 665, 678, 693-694, 699, 708, 717, 729, 737, 753, 819, 881, 954-955, 988, 1047, 1063, 1072, 1136, 1170, 1181, 1215, 1221, 1234, 1244, 1315, 1376, 1386, 1413, 1431, 1502, 1507, 1541, 1555, 1574, 1622, 1678, 1686, 1694, 1705, 1707, 1710, 1770, 1802, 1823, 1828, 1841-1842, 1850, 1856-1857, 1894, 1898-1899, 1954, 1956, 1971, 2005, 2011, 2018, 2041, 2073, 2077, 2096, 2146, 2150-2151, 2153, 2168, 2185, 2234, 2259, 2266, 2271, 2293, 2325, 2345, 2362, 2416, 2431, 2446, 2494, 2499, 2574, 2605-2606, 2624, 2691, 2786, 2862, 2879, 2911, 2947, 2959, 2980, 2991, 3022, 3096, 3102, 3108, 3112, 3173, 3232, 3287, 3294, 3314, 3335, 3368, 3384, 3415, 3440, 3485, 3500, 3504, 3514, 3561, 3671, 3705, 3803, 3807, 3814, 3821, 3852, 3880, 3887, 3905, 3953, 3978, 3997, 4012, 4036, 4082, 4090, 4099, 4138, 4212, 4216, 4254, 4331, 4372, 4389, 4393, 4434, 4436, 4500, 4556, 4569-4570, 4602, 4696, 4698, 4725, 4762, 4791, 4812-4813, 4829, 4865, 4867, 4877, 4886, 4899, 4929, 4937, 4947, 4969, 4972-4974, 5028, 5069, 5074, 5136, 5174, 5225, 5302, 5308, 5316, 5321, 5332, 5386, 5397-5398, 5472, 5497, 5503, 5544, 5559, 5578, 5580, 5585, 5605, 5622, 5688, 5725, 5798, 5824, 5857, 5866, 5882-5883, 5886, 5904, 5915, 5921, 5924, 5933, 5940, 5954, 5983-5984, 5988, 6004, 6018, 6125, 6163, 6256, 6335-6336, 6377, 6427, 6435, 6446, 6452, 6480, 6485, 6526, 6530, 6661, 6676, 6692, 6711, 6716, 6759, 6852, 6859, 6871, 6935, 6984, 7009, 7023, 7032, 7046, 7183, 7188, 7217, 7229, 7236  
HEMORRHAGE, GASTROINTESTINAL: 17, 23, 28, 54, 355, 358, 430, 472, 621, 697, 707, 950, 1039, 1060, 1425, 1600, 1706, 1821, 1897, 2018, 2178, 2226, 2284, 2295, 2419, 2488, 2902, 2931, 3053, 3179, 3351, 3362, 3439, 3491, 3540-3541, 3803, 4068, 4386, 4673, 4815, 5061, 5069, 5365, 5474, 5594, 5998, 6010, 6098-6099, 6117, 6155, 6231, 6413, 6486, 6670, 6716, 6746, 6774, 6880, 6908, 6939, 7215, 7243, 7264  
HEMORRHAGE, ORAL: 17, 213, 419, 465, 675, 817, 948, 958, 1178, 1214, 1339, 1642, 1969-1970, 2003, 2078, 2154, 2465, 2470, 2547, 2955, 3229, 3295, 3370, 3807, 4204, 4470, 4827-4828, 5362, 5482, 6021, 6382, 6645, 6712, 6872, 7020, 7211  
HEMORRHAGE, POSTPARTUM: 318, 327, 917, 1018, 1875, 2242, 3005, 3042, 4321, 4490, 5043, 5242, 5299, 5344, 5503, 5894, 5924, 6298, 6541, 6648, 6659, 6711, 6731, 6962  
HEMORRHAGIC DIATHESIS: 16, 125, 136, 430, 479, 537, 558, 582, 696, 698-699, 790, 802, 885, 923, 958, 960, 1049-1050, 1221-1222, 1368, 1521, 1542, 1583, 1600, 1815, 1886-1887, 2091, 2148, 2180, 2334, 2367-2370, 2391, 2446, 2473, 2503, 2511, 2558-2559, 2671, 2679, 2773, 2787, 2930, 3043, 3142, 3232, 3300, 3343, 3418, 3420, 3458, 3549, 3556, 3558, 3576, 3743, 3788, 3884, 3918, 4042, 4092, 4096, 4127, 4131, 4204, 4372, 4423, 4604, 4606, 4720, 4825, 4828, 4847, 4968, 5014, 5090, 5132, 5135, 5175, 5199, 5221, 5232, 5242, 5454, 5558, 5628, 5640, 5659, 5807, 5871, 5873, 6107, 6193, 6232, 6284, 6302, 6308, 6413, 6484, 6486, 6561, 6712, 6715, 6756-6757, 6806, 6907, 7057, 7157  
HEMORRHAGIC DISEASE OF NEWBORN: 599, 1046, 1701, 2214, 2990, 3588, 4097, 4345, 4610, 5430, 5897, 6697-6698, 6703, 6843, 6886  
HEMORRHAGIC THROMBOCYTHEMIA: 466, 479, 1020, 1433, 2077, 2538, 2714, 4889, 4939, 5302, 6319, 6459, 6488, 6993  
HEMORRHOIDS: 1286  
HEMOSIDERIN: 3812  
HEMOSIDEROSIS: 1863, 2543  
HEMOSTASIS: 44, 49, 84, 114, 121, 246, 282, 327, 398, 455, 478, 623, 651, 667, 687-688, 697, 742, 884, 896, 910, 943, 985, 1039, 1074, 1082, 1092, 1119, 1143, 1221, 1267, 1323, 1367, 1390, 1409-1410, 1431, 1436, 1480, 1491, 1500, 1507-1508, 1603, 1639-1640, 1646, 1669, 1691, 1744, 1770, 1774, 1885, 1904, 1971-1972, 1995, 2005, 2011, 2055, 2065, 2109, 2131, 2158, 2203, 2234-2235, 2268, 2284, 2362, 2385, 2414, 2455, 2504, 2517, 2529, 2555, 2590, 2613-2614, 2627, 2662, 2719, 2786, 2832, 2874, 2879, 2888, 3042, 3112, 3242, 3295, 3484, 3561, 3614, 3690, 3817, 3831-3832, 3858, 3911, 3919, 3978, 4026, 4049, 4083, 4099, 4107, 4211, 4430, 4471, 4481, 4485, 4490, 4501, 4549, 4556, 4570, 4588, 4600, 4611, 4819, 4863,

4947, 4954, 4968, 4981, 5003, 5008, 5015, 5033, 5174, 5229, 5232, 5244, 5283, 5298, 5309-5310, 5332, 5349, 5357, 5397, 5452, 5472-5473, 5489, 5622, 5633, 5725, 5806, 5866, 5904, 5933-5934, 5946, 5988, 6004, 6010, 6134, 6137, 6139, 6141, 6243, 6400, 6435, 6446, 6541, 6568, 6670, 6782, 6864, 6869, 6894, 6939-6940, 6958, 7021, 7078, 7196-7197, 7219  
HEMOSTATICS: 675, 729, 817, 943, 948, 1023, 1106, 1323, 1375, 1694, 1707, 1971, 1993, 2074, 2077-2078, 2091, 2271, 2295, 2345-2346, 2455, 2475, 2518, 2613-2614, 2619, 2699, 2710, 2718, 2781, 3158, 3173, 3314, 3348, 3504, 3928, 4065, 4695, 4330-4331, 4607, 4815, 4828, 5306, 5352, 5362, 5489, 5683, 5798, 5892, 5894, 6256, 6330, 6349, 6595, 6680, 7057, 7116, 7206, 7211  
HEMOTHORAX: 1, 693, 2374, 3905, 5713, 6558, 6955, 7264  
HEPARIN: 2, 14-15, 20, 40-41, 50, 77, 103, 105, 112, 120, 127, 135, 143-144, 148, 159, 188, 197, 207, 210, 231, 245, 252, 255, 261, 267, 269, 278-279, 288, 290, 305-306, 315, 319, 331, 344, 346, 350-351, 356, 367, 371, 380, 382, 411, 414-416, 435, 447-449, 451, 454, 496, 509, 533, 557, 570-571, 573, 599, 617, 632-633, 647, 652, 655, 657-658, 668-669, 677, 683, 694-695, 705, 711, 719, 724, 742, 747, 757, 803, 838, 878, 887, 906, 938, 974, 977, 984, 991, 1000, 1002, 1011, 1031-1032, 1051, 1072-1073, 1084-1085, 1087, 1094-1095, 1132, 1144, 1148-1150, 1158, 1168, 1172, 1177, 1181, 1190-1192, 1210, 1217, 1226-1230, 1372, 1401, 1407, 1409, 1414, 1427-1428, 1438, 1444-1445, 1447-1450, 1464, 1499, 1524, 1574, 1587-1588, 1606, 1630, 1650, 1660, 1673, 1693, 1699, 1720-1722, 1752-1753, 1761, 1771, 1777-1778, 1781, 1794, 1796, 1799, 1803, 1807, 1809, 1818, 1824, 1827, 1835, 1850, 1854, 1892, 1894, 1897, 1910, 1914, 1926, 1980, 1985, 1988, 2021, 2023, 2030, 2039, 2061, 2070, 2083, 2087, 2092, 2099, 2106-2108, 2120, 2124-2125, 2132, 2166, 2200, 2205, 2216, 2238, 2246, 2254, 2261, 2279, 2293, 2304, 2307, 2312-2313, 2339-2342, 2365, 2371, 2374, 2395-2396, 2401-2404, 2415, 2445, 2476, 2479-2480, 2503, 2513, 2521, 2530, 2546, 2558-2559, 2564, 2577, 2592, 2606, 2608, 2612, 2624, 2634, 2669, 2689-2691, 2703, 2709, 2721, 2729, 2749, 2758, 2773-2774, 2781, 2809, 2845, 2863, 2914-2916, 2963, 2967, 2994-2995, 3009, 3021-3022, 3025, 3038, 3052, 3055-3056, 3069, 3077, 3101, 3107, 3113, 3117, 3120, 3125-3126, 3141, 3176-3177, 3182-3183, 3188-3189, 3221-3222, 3224, 3249, 3257, 3266-3267, 3280, 3290, 3300, 3325, 3331, 3385, 3389, 3419, 3432, 3442, 3476-3477, 3489, 3492, 3503, 3508, 3511-3512, 3522, 3532, 3537, 3542, 3556, 3558, 3585, 3589, 3592, 3609, 3628, 3637-3638, 3665, 3700, 3703, 3705, 3719, 3725, 3735, 3749, 3773, 3778, 3801, 3808, 3815, 3820, 3824, 3837, 3839, 3845-3846, 3862, 3868-3869, 3872, 3877, 3879, 3883, 3896, 3917, 3919, 3942, 3954, 3971, 3971, 4002, 4004, 4007, 4018, 4042, 4053, 4059, 4070, 4089, 4091, 4098, 4129, 4147, 4154, 4165, 4201, 4211, 4217, 4251, 4255, 4264, 4269, 4279, 4289, 4308, 4315, 4318, 4325, 4340, 4351, 4377, 4417, 4421, 4427, 4430-4431, 4445, 4471, 4487, 4503, 4522, 4527, 4536, 4544, 4546, 4548, 4559, 4563, 4565, 4594-4597, 4605, 4620-4622, 4625, 4629-4630, 4653, 4661, 4668, 4672-4673, 4693, 4717, 4736, 4744, 4750, 4763-4764, 4772-4773, 4776, 4803, 4821, 4831, 4833, 4850, 4854, 4857, 4873, 4876-4877, 4914, 4919, 4925-4927, 4940, 4943, 4961, 4972, 4974, 4986, 4995-4996, 5007, 5026, 5030, 5044, 5048, 5065, 5069, 5075, 5094, 5109, 5119, 5122, 5124, 5130, 5134-5135, 5147-5148, 5152-5154, 5168, 5192, 5226, 5242-5244, 5247, 5261, 5267-5268, 5273, 5296, 5303, 5325, 5342, 5344, 5354, 5408, 5460, 5476, 5518, 5531, 5553-5554, 5582, 5585-5586, 5611, 5644, 5668-5669, 5707, 5721, 5723-5726, 5736, 5748, 5750-5751, 5763, 5765-5766, 5772, 5780, 5793, 5821, 5836, 5840, 5847-5849, 5861, 5901, 5921, 5925, 5927, 5929, 5933, 5937, 5991, 5999, 6048, 6093, 6095, 6100, 6108, 6133, 6143, 6191-6192, 6209, 6218, 6230, 6241-6242, 6253-6254, 6285, 6306, 6318, 6344, 6347, 6360, 6377, 6380-6381, 6390-6391, 6415, 6421-6423, 6426, 6428, 6431-6432, 6438, 6454, 6460, 6493, 6507, 6546, 6551, 6557, 6613, 6615, 6636-6638, 6664, 6690, 6700, 6716, 6721, 6748, 6761, 6775, 6784, 6786, 6793, 6803, 6816, 6830, 6859, 6876, 6922-6923, 6985-6986, 6996-6997, 7012, 7032, 7063, 7070-7071, 7079-7080, 7084, 7126, 7133,



# SUBJECT INDEX

- 7148-7149, 7160, 7168, 7181, 7190, 7207, 7243, 7249, 7252, 7257
- HEPARIN ANTAGONISTS: 307, 411, 1742-1743, 1747, 3597, 4371, 4682, 4693, 4821, 5821, 6380, 6521, 7181
- HEPARIN CO-FACTOR: 18, 906, 1985
- HEPARINOID: 529, 580, 908, 940, 970, 1220, 1820, 1824, 1835, 2030, 2059, 2061, 2286, 2690-2691, 2845, 3224, 3717, 3778, 3813, 3815, 3954, 3971-3972, 5032, 5191-5192, 5393, 5748-5749, 5832, 5836, 6068, 6081, 6230, 6275, 6390-6391, 6786
- HEPATECTOMY: 295, 822, 1064, 1508, 1904, 1989, 2028, 3617, 4590, 4875, 5219, 5537, 5895, 6078, 6840, 7275
- HEPATIC ARTERY: 392, 456, 1080, 1893, 1004, 2419, 5289, 6568, 6839
- HEPATIC COMA: 23, 54, 823, 1131, 1844, 2216, 3632, 4431, 5061, 6959
- HEPATIC DUCT: 6753
- HEPATIC VEIN THROMBOSIS: 3925, 4318, 5337
- HEPATIC VEINS: 582, 1507, 1547, 3146
- HEPATITIS: 392, 838, 1039, 1131, 1280, 1331-1332, 1543, 2122, 2467, 2689, 3572, 3976, 3984, 4619, 4977-4978, 5465, 5527, 5799, 5855, 6627-6628, 6857, 6878, 7054, 7285, 7267
- HEPATITIS ASSOCIATED ANTIGEN: 352, 1355, 3464, 3507, 6063
- HEPATITIS, HOMOLOGOUS SERUM: 117, 352, 616, 695, 854, 1355, 1723, 1836, 2431, 3226, 3464, 3507, 4111, 5732, 6061-6063, 6175, 6267-6268, 6856, 7285
- HEPATITIS, INFECTIOUS: 23, 185, 994, 1309, 1355, 1503, 1525, 1760-1762, 2024, 2216, 3507, 3969, 4270-4271, 4339, 4407, 4431, 4568, 4655, 5061, 5252, 5570, 6061, 6233
- HEPATITIS, TOXIC: 978, 1309, 1523, 4769, 5659, 6972, 7285
- HEPATITIS VIRUS, HOMOLOGOUS SERUM: 352, 3464, 3507, 4270-4271, 5732, 6061-6063
- HEPATITIS VIRUS, INFECTIOUS: 4061
- HEPATOLENTICULAR DEGENERATION: 4535
- HEPATOMA: 612, 787, 1807, 1893, 2204, 2313, 2554, 2795, 2852, 3139, 3349, 4590, 5081, 5113, 5270, 5537-5538, 5874, 6078, 6338, 6346
- HEPATOMEGALY: 1252, 2005, 2116, 2155, 2706, 3418, 3515, 4498, 4691, 5527, 5589, 5654, 5941
- HEPTOSIS: 1330
- HERBICIDES: 3395, 5082, 5539
- HEREDITARY DISEASES: 3782
- HERMAPHRODITISM: 6976
- HERNIA: 430, 5140, 6099
- HERPES SIMPLEX: 1637, 4254, 5871
- HERPES ZOSTER: 1280, 5720
- HERPESVIRUS: 449, 3816, 6174
- HERPESVIRUS HUMAN: 431, 6305, 7051
- HERPESVIRUS INFECTIONS: 449
- HETEROCHROMATIN: 5557
- HETEROZYGOTE: 463, 1285, 1298, 1361, 1737, 1740, 2097, 2116, 2433, 2543, 2553, 3245, 3435, 3680, 3680-3684, 4415, 5101, 5366, 5595, 5824, 6287, 6495, 6714, 6912, 7246
- HEXAMETHONIUM COMPOUNDS: 3608
- HEXESTROL: 2354
- HEXOBARBITAL: 2866, 3468, 4469
- HEXOKINASE: 128, 1019, 1473-1474, 2045, 2659, 2661, 2946, 4797-4798, 5188, 5689, 6459
- HEXOSAMINES: 230, 781, 953, 1364, 2415, 2722, 2738, 2875, 3408, 3724, 3728, 3824, 3877, 3926, 4312, 4794, 4916, 5171, 5901, 5929, 6083, 6467, 6619, 6679, 6761, 6853, 6985
- HEXOSEPHOSPHATASE: 3067
- HEXOSEPHOSPHATES: 150, 250, 563, 787, 1394, 1434, 1751, 2204, 2502, 3066, 3471, 4452, 4472, 6104, 7165
- HEXOSES: 230, 795, 864, 2803, 2875, 4273, 4312, 4367, 4399, 4452, 4794, 4916, 6853, 7158
- HIBERNATION: 1312
- HINDLIMB: 1460, 3775, 4829, 5582, 6100
- HIP: 242, 818, 3905, 4434, 5056, 5720, 5925, 6493, 6718
- HIP CONTRACTURE: 754
- HIP DISLOCATION, CONGENITAL: 4874
- HIP JOINT: 591, 818, 4434, 5827, 6239, 6447
- HIPPURATES: 1240, 5000, 6452, 6522
- HIRUDIN: 300, 1922, 2541, 2749, 3016, 3522, 5920, 6519, 7025
- HISTAMINASE: 2070, 2342, 2401-2404, 4289
- HISTAMINE: 20, 171, 179, 218-219, 259, 338, 344, 377, 1119, 1228-1230, 1282, 1347, 1567, 1630, 1752-1753, 1768, 1940, 2021, 2023, 2070, 2312, 2401, 2539-2540, 2542, 2563, 2658, 2721, 2843, 2870, 3087, 3115, 3140, 3169, 4147, 4289, 4564, 4756, 4896, 5007, 5018, 5152-5153, 5298, 6129, 6322, 6355, 6425, 6451, 6555, 6806, 6813, 6747, 6945, 7044, 7059, 7224
- HISTAMINE LIBERATION: 177, 342-343, 1553, 1768, 1804, 1807, 2070, 2541, 2951, 3115, 3222, 3825, 3837, 4197, 4289, 4600, 4742, 5168, 5624, 5974-5975, 6438, 6451, 6536, 6919, 6925, 7059
- HISTIDINE: 45, 427, 744, 934, 953, 978, 998, 1202, 1231, 1282, 1653, 1884, 2182, 2717, 2748, 2764-2766, 2828, 2836, 2984, 2999, 3048, 3270-3271, 4064, 4105, 4161, 4310-4311, 4373, 4506, 4538, 4810, 5106, 5262, 6003, 6154, 6178, 6301, 6535, 6732, 8808, 7033
- HISTIOCYTES: 169, 1186, 2697, 2973, 3179, 5941
- HISTIOCYTOMA: 1126-1127, 2196, 3674, 3996, 5664
- HISTOCOMPATIBILITY: 141, 174, 305-306, 763, 972, 1130, 1286, 2363, 2383, 2418, 2589, 3269, 3577, 3907, 3933, 4145, 4447, 4746, 5243, 5427, 5578, 5861, 5919, 5957, 6057, 6114, 6192, 7067
- HISTOCOMPATIBILITY TESTING: 141, 608, 824, 879, 899, 1121, 1128, 1289, 1588, 2285, 2363, 2435, 2894, 3004, 3200, 3793, 3808, 3868, 3907, 3933, 5709, 6057, 6113, 6208, 6288, 6584, 6634, 6881, 6959, 7067, 7207
- HISTOCYTOCHEMISTRY: 38-39, 43, 125, 169, 310, 474, 496, 505, 546, 738, 765, 793, 929, 1027, 1153, 1165, 1319, 1377, 1454, 1509, 1549, 1601, 1625, 1630, 1752, 1790, 1813, 1845, 1847, 1891, 2043, 2102, 2215, 2248, 2269, 2330, 2481, 2549-2550, 2570, 2682, 2831, 2842, 2892, 3035, 3075, 3125-3126, 3252, 3288, 3349, 3363, 3378, 3480, 3491, 3529, 3596, 3603, 3622, 3732, 3777, 3878, 3955, 4007, 4118, 4156, 4315-4317, 4328, 4354, 4427, 4601, 4628, 4917, 5042, 5044, 5057, 5171, 5312, 5377, 5591, 5629, 5677, 5694, 5745, 5766, 5941, 6000-6001, 6105, 6108, 6168, 6249, 6255, 6319, 6343, 6492, 6563, 6679-6680, 6772, 6822, 6878, 7030, 7045, 7137
- HISTOLOGICAL TECHNIQUES: 422, 1185, 1343, 1510, 1764, 1957, 2315, 2837, 2935, 3101, 3345, 3811, 4147, 4162, 4595, 4635, 6196, 7133
- HISTOLOGY: 6733
- HISTOLOGY, COMPARATIVE: 481
- HISTONES: 229, 318, 370, 590, 822, 860, 1341, 1511, 1607, 1624, 1974, 2201, 2621, 2864, 2941, 3530, 4060, 4158, 4835, 5355, 5547, 5557, 5637, 6002, 6370, 6789, 7084
- HISTORICAL ARTICLE: 1041, 1213, 1268, 1423, 1801, 2165, 2232, 2651, 2849, 3022, 3131, 5403, 5775, 6750, 6954
- HISTORY OF MEDICINE, 17TH CENT.: 2651
- HISTORY OF MEDICINE, 18TH CENT.: 2165, 2651, 2849, 3022
- HISTORY OF MEDICINE, 19TH CENT.: 1213, 1423, 2165, 2651, 2849, 5403, 6954
- HISTORY OF MEDICINE, 20TH CENT.: 1041, 1213, 1268, 1423, 1801, 2165, 2232, 2651, 2849, 3131, 5403, 6954
- HODGKIN'S DISEASE: 923, 1035-1036, 1433, 1914, 2283, 2511, 2730, 2967, 3479, 3576, 3799, 3950, 4868-4869, 5012, 5042, 5088, 5525, 6061, 6303, 6388, 6425, 6592, 6699, 7168
- HOLMIUM: 3512
- HOME CARE SERVICES: 6290
- HOME NURSING: 31, 971
- HOMEOPATHY: 5494
- HOMEOSTASIS: 625, 1245, 3783, 3890, 4885, 5356, 6210
- HOMOCYSTEINE: 6938
- HOMOCYSTEINE: 4416
- HOMOCYSTEINURIA: 4416
- HOMOLOGOUS WASTING DISEASE: 2409
- HOMOZYGOTE: 29, 442, 1285, 1610, 1732, 1740, 2543, 3091, 3245, 3435, 3681-3683, 3947, 4159, 4415, 5101, 5189, 5366, 5595, 6495, 6714, 7246
- HONG KONG: 3605
- HOOKWORM INFECTION: 2070, 3121
- HOOKWORMS: 2070, 3121
- HORMONES: 105, 171, 386, 800, 1245, 1530, 2009, 2173, 2209, 2767-2768, 3004, 3354, 4406, 5007, 5494, 5784, 6813, 6976
- HORMONES, ENDOCRINE: 5579
- HORNERS' SYNDROME: 5287
- HORSE DISEASES: 188, 1888, 3222
- HORSES: 188, 617, 740, 1107, 1154, 1216, 1299-1300, 1422, 1501, 1546, 1811, 1888, 2102, 2225, 2393, 2432, 2747, 2803, 2828, 2984-2986, 3034, 3222, 3658, 3662, 4349, 4371, 4837, 4839, 5034, 5059, 5196, 5240, 5369, 5441, 5710, 6064, 6475, 6496-6497, 6502, 6577-6578, 6644, 6910, 6990, 7143
- HOSPITAL ADMINISTRATION: 3151
- HOSPITAL EMERGENCY SERVICE: 3588
- HOSPITAL MEDICAL STAFF: 2161
- HOSPITAL MEDICATION SYSTEMS: 2859
- HOSPITAL OUTPATIENT CLINICS: 753, 1502, 3588, 6997
- HOSPITALIZATION: 31, 46, 1815, 5394, 6583
- HOSPITALS, GENERAL: 3507
- HOSPITALS, TEACHING: 3588
- HOUSEFLIES: 4260
- HUMAN: 1, 6-13, 15-19, 21-23, 25-32, 34-42, 44, 46-50, 54-56, 58-62, 64-65, 67-70, 72-75, 77-95, 97-98, 100-103, 106, 108-113, 115, 117, 119-121, 123-127, 129, 131-138, 140-141, 143-144, 146-147, 152-154, 156, 159-161, 165-167, 169-176, 178, 180-181, 184-187, 189-190, 194, 198, 202-203, 207, 210-211, 213-217, 221-222, 227, 231, 233-240, 242, 245-248, 251, 253-254, 258-261, 265, 267-270, 272-273, 276-280, 283-288, 290-297, 300, 305-308, 310-311, 313-317, 319-321, 323-325, 327-328, 336-337, 340-341, 344-347, 349-352, 354-357, 359-363, 367, 369-370, 374-375, 378-383, 385-393, 395-396, 398-405, 408, 410-413, 415-420, 422, 424-425, 430-436, 439, 442-444, 446-448, 451-453, 455-456, 459-463, 465-466, 468, 470-474, 476, 478-479, 482-485, 487-490, 492, 496-500, 502-509, 522-524, 528, 534-536, 538-541, 547-548, 550-555, 558, 560, 564-566, 569-570, 572-574, 576-583, 585-588, 591-593, 596-601, 603, 606-610, 612, 614-628, 630-631, 638-643, 646-647, 649-651, 653-654, 656, 659-662, 665-669, 672-674, 676-680, 683, 685, 687-689, 691-693, 695-701, 703-705, 707-708, 710-711, 713-718, 720-723, 725-726, 729-739, 742-743, 745, 748, 751-758, 760-761, 765-773, 778, 780, 783-786, 788-794, 796-797, 800-803, 808-809, 811-812, 814, 816, 818-819, 821, 823-824, 826, 828-829, 833-835, 837-838, 842-845, 848-851, 853, 855, 862-863, 869-875, 877, 879, 881-888, 890, 893, 896, 898-901, 904-909, 911, 916-919, 921-924, 926-929, 934, 938-943, 946-947, 949-950, 952, 954-955, 958, 960-961, 963-965, 967, 969-975, 981-985, 988, 991-996, 1001-1003, 1005, 1007-1011, 1013, 1015, 1017-1018, 1020-1023, 1025-1026, 1028, 1030-1032, 1035-1040, 1042-1044, 1046-1056, 1060-1063, 1066-1069, 1071-1077, 1080-1088, 1090-1092, 1094-1095, 1098, 1100-1101, 1103-1104, 1106, 1109-1113, 1115-1116, 1118, 1120, 1123-1132, 1134, 1136, 1138, 1141-1150, 1152-1153, 1155, 1157-1158, 1164, 1167, 1169-1170, 1172-1175, 1177-1178, 1180-1184, 1186-1188, 1191-1199, 1203-1205, 1207-1209, 1212-1215, 1217, 1220-1224, 1226-1227, 1230, 1232, 1234-1235, 1237-1239, 1241, 1243, 1245, 1247-1248, 1250, 1252-1254, 1256, 1258, 1261-1263, 1266-1267, 1269, 1271, 1274-1275, 1277-1278, 1280-1281, 1285-1286, 1289-1295, 1298, 1301-1303, 1305-1311, 1313-1315, 1317-1318, 1320-1329, 1331-1339, 1343-1344, 1349-1353, 1355, 1357-1363, 1365-1366, 1368-1370, 1373-1374, 1376, 1379, 1383-1384, 1386, 1388-1390, 1392-1393, 1395-1399, 1401, 1403-1404, 1409-1414, 1418-1419, 1423, 1425-1437, 1439, 1441-1444, 1451, 1453, 1457-1459, 1461-1462, 1466-1470, 1472-1474, 1478-1479, 1482-1486, 1488-1500, 1502-1506, 1508, 1513-1515, 1518-1522, 1524-1534, 1536, 1538-1540, 1542-1545, 1547-1549, 1552, 1554-1560, 1562, 1566-1573, 1575, 1577-1579, 1581-1584, 1586-1591, 1595-1598, 1600, 1602-1603, 1605-1606, 1609-1611, 1613, 1615, 1617-1620, 1622, 1625-1626, 1628, 1633-1639, 1641-1644, 1651-1652, 1654-1655, 1658-1659, 1661-1666, 1669-1675, 1677, 1679, 1681-1683, 1685-1686, 1690-1691, 1693-1694, 1696, 1700-1701, 1703-1704, 1706-1707, 1710, 1712-1715, 1717-1724, 1726-1735, 1737-1742, 1745, 1748, 1750, 1754, 1756-1762, 1765-1767, 1769, 1772, 1774-1778, 1780-1787, 1789, 1792-1794, 1796-1802, 1806, 1809-1810, 1812-1815, 1818-1828, 1830-1832, 1836-1842, 1844-1845, 1847-1857, 1859-1863, 1865-1866, 1870-1873, 1875-1877, 1882-1883, 1886-1887, 1891-1894, 1897-1900, 1902-1906, 1908-1909, 1911-1914, 1916-1917, 1919, 1926-1928, 1933-1936, 1938, 1940, 1943, 1945-1946, 1948-1950, 1952-1956, 1958-1960, 1962, 1964-1971, 1973, 1975, 1977, 1979-1982, 1984-1985, 1987, 1990-1991, 1993-1995, 1997-1999, 2002-2005, 2009-2018, 2020-2024, 2027, 2029-2031, 2034, 2036-2037, 2039-2041, 2043, 2045-2047, 2050-2051, 2054-2056, 2058, 2060, 2062, 2064-2066, 2069, 2071-2079,



# SUBJECT INDEX

2081-2083, 2085-2100, 2104, 2106, 2108, 2110,  
2116-2118, 2120-2126, 2129-2134, 2136-2137,  
2139-2140, 2142-2144, 2146-2149, 2151, 2154-2155,  
2160-2161, 2163-2170, 2173-2175, 2179-2180, 2183,  
2185-2186, 2189-2196, 2198-2200, 2203, 2205  
2206-2208, 2213-2214, 2216-2217, 2219-2220, 2222,  
2226-2228, 2230-2231, 2233-2237, 2239-2240,  
2242-2251, 2253, 2255, 2258-2264, 2266-2273,  
2277-2278, 2281, 2283-2284, 2286-2287, 2289-2295,  
2299-2301, 2303, 2306-2307, 2309-2311, 2313-2318,  
2320-2322, 2324, 2326-2328, 2331-2334, 2336-2338,  
2344, 2347, 2349, 2351-2356, 2359-2372, 2374-2378,  
2383-2386, 2389, 2391, 2394, 2396-2398, 2401, 2404,  
2407, 2410-2412, 2414, 2416-2419, 2422-2423,  
2425-2427, 2429, 2431, 2433-2436, 2440, 2442-2443,  
2446, 2448, 2450-2451, 2453-2455, 2458-2467,  
2469-2470, 2472, 2474-2480, 2482-2485, 2487-2489,  
2491-2494, 2497, 2499-2501, 2503-2505, 2507-2508,  
2510-2514, 2516, 2518-2519, 2521-2524, 2526-2532,  
2534-2538, 2543-2544, 2546-2548, 2551-2552, 2554,  
2556-2560, 2563-2564, 2568-2570, 2572, 2574-2575,  
2577, 2579-2580, 2583-2588, 2590, 2592, 2594,  
2596-2597, 2599, 2601, 2603, 2605-2609, 2611,  
2613-2615, 2618, 2624-2627, 2631-2632, 2635, 2637,  
2639, 2641-2642, 2644-2647, 2649, 2651, 2653-2654,  
2656, 2658-2665, 2669-2672, 2674-2679, 2681,  
2684-2685, 2688-2691, 2693-2695, 2699-2700,  
2702-2703, 2705-2706, 2709-2710, 2712-2715, 2719,  
2724-2725, 2727-2728, 2730-2731, 2733-2735,  
2740-2743, 2745-2746, 2749-2757, 2762, 2769,  
2772-2776, 2778-2780, 2782-2788, 2790, 2796, 2801,  
2805-2807, 2809, 2811-2812, 2815, 2818-2819,  
2821-2824, 2827, 2829-2831, 2833, 2835-2836,  
2840-2841, 2845, 2848-2851, 2854-2856, 2861, 2865,  
2867-2871, 2873-2874, 2878-2879, 2883-2884, 2886,  
2889-2891, 2893-2894, 2896-2898, 2900-2902,  
2904-2905, 2909-2911, 2913-2914, 2917-2920, 2923,  
2925-2927, 2929-2931, 2933, 2936-2938, 2940,  
2942-2945, 2947-2948, 2950-2951, 2953-2955,  
2959-2961, 2964-2965, 2967, 2969-2973, 2980-2982,  
2987, 2990-2991, 2993-2997, 3000-3002, 3004-3005,  
3007, 3009-3012, 3016, 3021-3026, 3028-3031, 3033,  
3038-3043, 3046-3047, 3050, 3053-3054, 3056-3059,  
3061, 3063-3069, 3071-3075, 3077, 3082, 3086-3088,  
3091-3094, 3096-3097, 3099-3100, 3102-3103,  
3105-3107, 3110-3115, 3117-3120, 3122,  
3126-3127, 3132-3133, 3135-3137, 3141-3143,  
3145-3147, 3149-3151, 3154-3156, 3158-3161, 3163,  
3165, 3171-3174, 3176-3180, 3183, 3186-3187,  
3190-3191, 3196-3201, 3203, 3205, 3207-3208, 3211,  
3214-3216, 3219-3221, 3224-3233, 3239-3240, 3242,  
3246, 3249, 3251, 3253-3255, 3257-3258, 3261-3263,  
3268, 3275-3278, 3281-3284, 3286-3287, 3289-3307,  
3310-3311, 3314, 3318-3319, 3322-3330, 3332-3334,  
3336-3337, 3339-3341, 3343-3346, 3348, 3350-3352,  
3354, 3356-3365, 3367-3369, 3372, 3376, 3380-3384,  
3387, 3390-3392, 3394, 3397-3398, 3403, 3405,  
3408-3409, 3411-3418, 3421, 3423-3426, 3428-3429,  
3435-3442, 3444-3449, 3451-3453, 3456, 3462-3467,  
3470-3472, 3474, 3478-3479, 3481-3484, 3486-3487,  
3489-3492, 3494-3497, 3499-3508, 3515-3517,  
3519-3522, 3525-3529, 3531-3532, 3534-3536,  
3538-3541, 3544, 3546-3548, 3550-3552, 3555-3563,  
3567-3573, 3575-3577, 3579-3580, 3584-3585,  
3587-3589, 3591-3596, 3598-3599, 3604-3605, 3607,  
3609, 3612-3617, 3620, 3624, 3626, 3628, 3630,  
3632-3635, 3637-3641, 3643, 3645-3646, 3649,  
3651-3652, 3654-3657, 3659, 3661, 3663, 3667,  
3669-3671, 3674, 3676, 3678-3679, 3681-3685, 3687,  
3689, 3692, 3702-3703, 3707-3710, 3712, 3714-3720,  
3722-3723, 3725-3729, 3734-3735, 3737-3741,  
3743-3751, 3754-3762, 3768-3771, 3774, 3777-3778,  
3780-3784, 3786-3788, 3790-3796, 3798-3799, 3801,  
3803-3804, 3807-3808, 3810-3815, 3817, 3820-3825,  
3827-3833, 3835, 3839, 3841, 3845-3848, 3851, 3853,  
3855-3857, 3859, 3862, 3864-3867, 3869-3870,  
3872-3873, 3875-3876, 3879-3885, 3888, 3891-3897,  
3900-3905, 3907, 3909, 3911-3914, 3916, 3918, 3920,  
3923, 3925-3933, 3935-3936, 3942, 3944-3950,  
3952-3956, 3959-3962, 3964-3965, 3968-3972, 3976,  
3978-3981, 3983-3985, 3988, 3992, 3994-3996,  
3998-3999, 4005-4006, 4008, 4010-4012, 4015, 4017,  
4019-4021, 4023-4024, 4029, 4032-4035, 4037, 4040,  
4042-4043, 4045-4046, 4053-4058, 4062-4066,  
4068-4070, 4072-4073, 4076-4083, 4089-4090,  
4092-4094, 4096-4100, 4102-4104, 4106-4108,  
4111-4114, 4117-4118, 4120-4121, 4123,  
4124-4131, 4133-4134, 4136-4141, 4144-4150,  
4153-4155, 4159-4160, 4164-4166, 4169-4174,  
4178-4192, 4195, 4197, 4199-4200, 4202-4204,

4206-4213, 4215-4217, 4219-4223, 4225, 4227-4229,  
4231-4232, 4234-4236, 4238, 4241-4242, 4245,  
4248-4249, 4251-4256, 4259, 4262-4264, 4270-4278,  
4284-4285, 4287-4288, 4292, 4295-4300, 4302-4306,  
4308-4309, 4314, 4316-4317, 4319-4323, 4328, 4330,  
4332, 4335-4349, 4351-4353, 4355-4356, 4358-4359,  
4362-4363, 4365-4368, 4370-4372, 4377, 4379-4381,  
4383-4388, 4390-4392, 4394-4395, 4397-4402, 4404,  
4407, 4409-4411, 4413-4414, 4416-4421, 4423-4426,  
4428-4432, 4434, 4436-4437, 4441-4442, 4446,  
4449-4455, 4457-4461, 4463-4468, 4470, 4473,  
4478-4479, 4481-4492, 4494-4502, 4504-4505, 4507,  
4511, 4519-4524, 4526, 4528, 4530-4531, 4533-4537,  
4539-4543, 4546-4549, 4550, 4552-4554, 4556,  
4558-4561, 4563, 4567-4571, 4575-4586, 4589-4597,  
4599, 4602-4607, 4610, 4613-4615, 4617, 4619-4627,  
4631, 4633-4636, 4638, 4640, 4644, 4646-4656,  
4661-4662, 4664, 4669, 4671, 4673-4674, 4677-4678,  
4680, 4682, 4684-4691, 4695-4696, 4700-4703,  
4706-4708, 4710-4712, 4716, 4718-4719, 4723, 4725,  
4728-4731, 4736-4740, 4742-4744, 4746, 4748-4751,  
4753, 4756-4757, 4761, 4763-4764, 4767, 4769-4772,  
4774-4775, 4777-4779, 4782, 4784-4785, 4788-4789,  
4791, 4793, 4797-4798, 4801-4803, 4805-4809,  
4812-4815, 4817-4818, 4820, 4825-4827, 4832, 4836,  
4838, 4840-4844, 4846-4847, 4849-4851, 4853-4856,  
4858-4860, 4862-4869, 4871, 4873-4874, 4876-4877,  
4880-4885, 4887-4889, 4891, 4898, 4900-4901, 4905,  
4908-4910, 4914-4916, 4918-4920, 4922, 4924-4927,  
4929, 4931-4934, 4936-4939, 4942-4945, 4947-4950,  
4953-4954, 4956-4960, 4962-4965, 4967-4968,  
4970-4982, 4987, 4989-4991, 4996-4999, 5002-5003,  
5005-5017, 5020, 5023-5024, 5028-5037, 5039-5043,  
5046, 5049, 5051-5061, 5063, 5065, 5067-5072,  
5074-5076, 5079, 5083-5086, 5089-5090, 5092-5095,  
5097-5098, 5100-5101, 5103-5104, 5109, 5111-5115,  
5117, 5121-5124, 5126, 5128-5131, 5133-5140,  
5142-5143, 5148,  
5149-5150, 5152-5154, 5156-5159, 5162-5164, 5166,  
5170, 5174-5185, 5187, 5189, 5193-5195, 5198-5205,  
5207-5208, 5210-5213, 5215, 5218, 5220-5223,  
5225-5236, 5238-5239, 5241-5244, 5247-5253,  
5258-5264, 5266-5275, 5278-5279, 5283-5287,  
5290-5295, 5298-5306, 5308-5313, 5315-5316,  
5318-5321, 5323-5324, 5326, 5330-5335, 5339-5344,  
5346-5347, 5350, 5352, 5354, 5356-5357, 5359-5366,  
5369-5371, 5374, 5376, 5379-5383, 5385-5386, 5388,  
5390-5394, 5396-5400, 5402-5404, 5406-5409, 5412,  
5414-5419, 5423, 5425, 5429-5432, 5435-5436,  
5439-5442, 5444-5449, 5452-5454, 5458-5461,  
5465-5466, 5469, 5471-5474, 5479, 5480, 5482, 5484,  
5488-5495, 5497, 5499-5503, 5505-5510, 5512,  
5515-5527, 5530, 5532-5533, 5537-5538, 5543-5546,  
5549-5550, 5553-5556, 5558-5560, 5563-5567, 5569,  
5571-5572, 5574-5581, 5584, 5586-5590, 5593-5598,  
5600-5601, 5604-5610, 5613, 5616, 5618-5622,  
5624-5629, 5631-5634, 5638-5641, 5644-5649,  
5652-5654, 5656, 5659, 5662-5664, 5667-5668, 5670,  
5672-5674, 5676, 5678-5681, 5683, 5687-5688, 5690,  
5692-5696, 5698-5704, 5707-5709, 5711-5713,  
5715-5722, 5724-5727, 5729-5732, 5734-5739,  
5741-5745, 5747, 5750-5752, 5754-5758, 5760-5770,  
5772, 5774-5775, 5778-5779, 5784, 5786, 5788-5791,  
5797-5799, 5801, 5803-5806, 5810-5811, 5814,  
5816-5819, 5822-5827, 5829-5834, 5836, 5838-5843,  
5845-5852, 5854-5857, 5859-5860, 5862-5867,  
5869-5870, 5872-5873, 5877, 5879-5884, 5886,  
5889-5891, 5893-5894, 5897-5898, 5900, 5903-5904,  
5907, 5909-5911, 5915-5916, 5919-5921, 5924-5925,  
5927-5928, 5930-5937, 5940-5943, 5946-5947,  
5949-5952, 5955, 5959-5960, 5962-5966, 5968, 5972,  
5976-5979, 5981, 5983-5987, 5989-5993, 5996-5998,  
6000-6001, 6003-6004, 6008-6012, 6015-6018, 6025,  
6028-6032, 6035, 6038-6041, 6044-6048, 6053,  
6055-6057, 6061-6068, 6070-6074, 6076, 6078-6085,  
6088-6090, 6092-6094, 6097-6099, 6101-6103,  
6105-6108, 6111, 6113-6114, 6116-6117, 6120-6122,  
6125, 6130, 6133-6134, 6137-6138, 6140-6150,  
6152-6153, 6155-6156, 6160, 6162-6165, 6168-6171,  
6174  
6175-6177, 6180-6183, 6185-6189, 6192-6194, 6196,  
6200-6202, 6204-6206, 6209-6212, 6214-6219,  
6222-6227, 6229-6234, 6236-6240, 6242, 6244-6246,  
6249-6252, 6257-6260, 6264-6267, 6271-6275,  
6277-6279, 6281, 6283-6300, 6302-6309, 6311-6314,  
6317-6319, 6322-6325, 6328-6329, 6334, 6337-6338,  
6342-6344, 6349, 6353-6354, 6356-6358, 6360-6369,  
6371-6377, 6379-6381, 6383, 6385-6389, 6391-6392,  
6395-6401, 6403-6410, 6412-6413, 6415, 6417-6428,  
6431, 6435-6438, 6439, 6441-6442, 6444-6445,

6447-6448, 6454-6456, 6458-6464, 6466, 6469-6471,  
6474-6476, 6478-6484, 6486, 6488-6506, 6508-6511,  
6513-6515, 6519-6520, 6525-6526, 6530, 6532-6533,  
6539-6541, 6546, 6550-6552, 6554, 6557-6558, 6560,  
6563-6566, 6569-6572, 6574-6576, 6578-6579,  
6582-6588, 6590, 6592-6595, 6597, 6600-6601,  
6604-6605, 6608-6609, 6611-6612, 6614, 6616, 6618,  
6620-6622, 6625, 6627-6630, 6633-6634, 6636-6637,  
6639, 6641, 6644-6645, 6648-6649, 6652-6659,  
6663-6670, 6675, 6677-6681, 6683-6688, 6690-6691,  
6693, 6697-6703, 6707-6711, 6713-6723, 6726-6727,  
6729-6731, 6734, 6736-6741, 6743-6746, 6748-6751,  
6754-6755, 6758-6760, 6762, 6764-6771, 6773-6778,  
6782, 6784-6787, 6792, 6794-6800, 6803-6807, 6810,  
6813-6815, 6817, 6823, 6826-6827, 6829-6839,  
6843-6846, 6848, 6850-6852, 6856-6861, 6863, 6867,  
6869, 6871-6872, 6874-6876, 6878-6882, 6886-6898,  
6900, 6902, 6904, 6906-6913, 6915-6916, 6920-6921,  
6923-6924, 6927-6928, 6930-6934, 6936-6937,  
6939-6943, 6947, 6949, 6951-6952, 6954-6957, 6959,  
6961-6962, 6974, 6976-6984, 6991-6993, 6996-6997,  
7001-7002, 7005-7006, 7009, 7012-7014, 7016-7022,  
7025, 7027-7029, 7031, 7035, 7037-7040, 7042,  
7046-7047, 7050, 7052, 7054-7055, 7057, 7062, 7065,  
7067-7068, 7070-7073, 7075-7078, 7080, 7082, 7085,  
7094-7096, 7104-7107, 7109, 7111, 7113, 7117-7120,  
7123-7127, 7130-7133, 7136-7137, 7140-7143,  
7146-7150, 7152-7154, 7158-7159, 7161-7164,  
7168-7169, 7171-7177, 7179-7180, 7182-7185,  
7187-7193, 7195-7197, 7202, 7204-7205, 7207, 7209,  
7212-7228, 7230  
7231-7248, 7252-7253, 7255-7259, 7262-7268, 7270,  
7272-7273, 7275-7280  
7281-7288, 7290  
7291-7298, 7299  
7300-7308, 7310-7315, 7317-7320, 7322-7325,  
7327-7330, 7332-7335, 7337-7340, 7342-7345,  
7347-7350, 7352-7355, 7357-7360, 7362-7365,  
7367-7370, 7372-7375, 7377-7380, 7382-7385,  
7387-7390, 7392-7395, 7397-7400, 7402-7405,  
7407-7410, 7412-7415, 7417-7420, 7422-7425,  
7427-7430, 7432-7435, 7437-7440, 7442-7445,  
7447-7450, 7452-7455, 7457-7460, 7462-7465,  
7467-7470, 7472-7475, 7477-7480, 7482-7485,  
7487-7490, 7492-7495, 7497-7500, 7502-7505,  
7507-7510, 7512-7515, 7517-7520, 7522-7525,  
7527-7530, 7532-7535, 7537-7540, 7542-7545,  
7547-7550, 7552-7555, 7557-7560, 7562-7565,  
7567-7570, 7572-7575, 7577-7580, 7582-7585,  
7587-7590, 7592-7595, 7597-7600, 7602-7605,  
7607-7610, 7612-7615, 7617-7620, 7622-7625,  
7627-7630, 7632-7635, 7637-7640, 7642-7645,  
7647-7650, 7652-7655, 7657-7660, 7662-7665,  
7667-7670, 7672-7675, 7677-7680, 7682-7685,  
7687-7690, 7692-7695, 7697-7700, 7702-7705,  
7707-7710, 7712-7715, 7717-7720, 7722-7725,  
7727-7730, 7732-7735, 7737-7740, 7742-7745,  
7747-7750, 7752-7755, 7757-7760, 7762-7765,  
7767-7770, 7772-7775, 7777-7780, 7782-7785,  
7787-7790, 7792-7795, 7797-7800, 7802-7805,  
7807-7810, 7812-7815, 7817-7820, 7822-7825,  
7827-7830, 7832-7835, 7837-7840, 7842-7845,  
7847-7850, 7852-7855, 7857-7860, 7862-7865,  
7867-7870, 7872-7875, 7877-7880, 7882-7885,  
7887-7890, 7892-7895, 7897-7900, 7902-7905,  
7907-7910, 7912-7915, 7917-7920, 7922-7925,  
7927-7930, 7932-7935, 7937-7940, 7942-7945,  
7947-7950, 7952-7955, 7957-7960, 7962-7965,  
7967-7970, 7972-7975, 7977-7980, 7982-7985,  
7987-7990, 7992-7995, 7997-8000, 8002-8005,  
8007-8010, 8012-8015, 8017-8020, 8022-8025,  
8027-8030, 8032-8035, 8037-8040, 8042-8045,  
8047-8050, 8052-8055, 8057-8060, 8062-8065,  
8067-8070, 8072-8075, 8077-8080, 8082-8085,  
8087-8090, 8092-8095, 8097-8100, 8102-8105,  
8107-8110, 8112-8115, 8117-8120, 8122-8125,  
8127-8130, 8132-8135, 8137-8140,



# SUBJECT INDEX

- 2840, 2872, 2877-2878, 2911-2913, 2917, 2941, 2976, 2978, 2988, 3016, 3048-3049, 3055, 3098, 3103-3104, 3116, 3123, 3139-3140, 3153, 3193, 3204, 3218, 3254, 3272, 3316, 3319, 3341, 3379, 3393, 3396, 3427, 3443, 3454-3455, 3460, 3477, 3489, 3496-3497, 3534, 3565, 3621, 3643, 3651, 3687, 3695, 3701, 3704, 3706, 3728, 3733, 3742, 3752, 3763, 3804, 3826, 3844, 3850, 3854, 3861, 3908, 3910, 3922, 3945, 4001, 4004, 4038-4039, 4074, 4091, 4119, 4152, 4158, 4161, 4175-4176, 4214, 4224, 4243, 4248, 4261, 4265-4266, 4268, 4283, 4349, 4351, 4367-4368, 4373-4374, 4405, 4433, 4435, 4444, 4458, 4473, 4506, 4538, 4572, 4584, 4598, 4601, 4608, 4622, 4633, 4663, 4666, 4670, 4676, 4713-4714, 4717, 4721, 4725, 4731, 4745, 4796, 4799-4800, 4816, 4835, 4838, 4870, 4878, 4895, 4930, 4941, 4943, 4955, 5014, 5021, 5044, 5059, 5119, 5177, 5196, 5220, 5257, 5259, 5265, 5289, 5317, 5334, 5345, 5352, 5377-5378, 5384, 5400, 5405, 5407, 5462, 5479, 5497-5498, 5535-5536, 5554, 5600, 5648, 5658, 5684, 5686, 5765, 5794, 5809, 5836, 5844, 5858, 5875-5876, 5888, 5914, 5918, 5922, 5926, 5936, 5938, 5945, 5969, 5973, 5979, 6005, 6022, 6025, 6041, 6069, 6100, 6106, 6108, 6127, 6142, 6164, 6167, 6171, 6178, 6190, 6200-6201, 6220-6221, 6223, 6280, 6306, 6320, 6326, 6335-6336, 6341, 6348, 6350, 6410, 6451, 6485, 6515, 6528, 6538, 6548, 6553, 6556, 6559, 6561, 6575-6576, 6603, 6613, 6625, 6629, 6631-6632, 6644, 6646, 6650, 6681-6682, 6691, 6703, 6724, 6732, 6742, 6752, 6783, 6801-6802, 6820, 6825, 6861, 6873, 6875, 6911, 6926, 6989, 6992, 6999, 7027, 7049, 7060, 7063, 7076, 7102-7103, 7128, 7143, 7164
- HYDROGEN PEROXIDE: 2600, 3455, 4105, 6118  
HYDROLASES: 163, 1795, 2120, 2661, 3316, 3623, 4433, 5317, 5895, 6270, 6619  
HYDROLYASES: 744, 1006, 1474, 1512, 2570, 2946, 3013, 3410, 3889, 4416, 6473, 6963, 7008  
HYDRONEPHROSIS: 1174, 3780, 4140, 6412  
HYDROXAMIC ACID: 1773, 2804  
HYDROXIDES: 3604, 3917, 6027, 6143, 6319  
HYDROXYAPATITE: 2545  
HYDROXYBUTYRATE DEHYDROGENASE: 815, 1320  
HYDROXYBUTYRATES: 533, 5295, 5759, 6535  
HYDROXYCHLOROQUINE: 2949, 4018  
17-HYDROXYCORTICOSTEROIDS: 2002, 2700, 3057, 5420  
HYDROXYDIONE: 5807  
HYDROXYINDOLEACETIC ACID: 2452, 2658  
HYDROXYLAMINES: 335, 611, 663-664, 1140, 1773, 2686-2687, 2694, 3776, 3917, 4161  
HYDROXYLASES: 1702  
HYDROXYPROLINE: 1139, 1364, 2555, 2602, 4329, 5356, 5751, 5914, 6128, 6619  
HYDROXYSTEROID DEHYDROGENASE: 5428  
HYDROXYUREA: 3133, 4614  
HYPERBARIC OXYGENATION: 638, 1120, 2205, 2794, 4469  
HYPERBILIRUBINEMIA: 2587, 4016, 5035, 5226, 5313, 5604, 5648, 6750  
HYPERBILIRUBINEMIA, HEREDITARY: 5801  
HYPERCALCEMIA: 2173, 2580, 6302, 6691  
HYPERCAPNIA: 910, 3519  
HYPERCHOLESTEREMIA: 183, 200, 477, 821, 1027, 1233, 1334, 1378-1379, 1402, 1514, 1929, 2029, 2116, 2737, 2865, 3051, 3419, 3762, 3789, 3975, 4231, 4616, 4704, 4749, 5035, 5145, 5671, 6101, 6633, 7099-7100  
HYPEREMESIS GRAVIDARUM: 6648  
HYPEREMIA: 1967, 2194  
HYPERGAMMAGLOBULINEMIA: 1145, 5227, 5275, 7028  
HYPERGLYCEMIA: 2363, 2456, 6672, 6792, 6937  
HYPERINSULINISM: 4160, 6309  
HYPERKALEMIA: 1064, 1087-1068, 5679  
HYPERLIPEMIA: 7, 705, 941, 1266, 1344, 1379, 1592, 1603, 1946, 2029, 2120, 2183, 2372, 2427, 2443, 2521, 2672, 2929, 3762, 3969, 3975, 4058, 4098, 4385, 4437, 4896, 5035, 5048, 5138, 5189, 5320, 5336-5337, 5671, 6048, 6342, 6375, 6439, 6449, 6557, 6586, 6812, 6833, 6997, 7178  
HYPERLIPEMIA, ESSENTIAL FAMILIAL: 821, 1155, 1334, 1672, 3762, 5671, 5726  
HYPERNATREMIA: 2147  
HYPEROSTOSIS, CORTICAL CONGENITAL: 2324  
HYPERPARATHYROIDISM: 365, 2580  
HYPERPLASIA: 385, 1868, 2155, 2499, 3968, 5121, 4390
- HYPERSENSITIVITY: 94, 171, 285, 1071, 1124, 2196, 2281, 3174, 3996, 5235, 5524, 5624, 5748, 5931, 5957, 6247-6248, 6360, 6383, 6795, 7142  
HYPERSENSITIVITY, DELAYED: 284-285, 451, 1287, 1771, 2070, 2221, 2367, 3122, 3521, 3577, 3633, 3650, 4112, 4118, 4545, 4796, 4980, 5298, 5418-5419, 5624, 5756, 6130, 6247-6248, 6502, 6857, 7089  
HYPERSENSITIVITY, IMMEDIATE: 2070, 4696, 4742, 5624, 5975, 6130, 6857  
HYSPERPLENISM: 578, 1254, 2016, 2409, 3053, 5214, 5741, 5757, 6010, 6856  
HYPERTENSION: 129, 138, 166, 207, 233, 239, 640-642, 1158, 1280, 1443, 1491, 1514, 1524, 1587, 1794, 1806, 1909, 1977, 2047, 2099, 2127, 2176, 2252, 2263, 2477, 2483, 2533, 2712, 3041, 3228, 3383, 3442, 3470, 3535, 3579, 4092, 4094, 4123, 4133, 4231, 4302-4303, 4409, 4561, 4640, 4654, 4736, 4767, 5041, 5137, 5260, 5380, 5494, 5501, 5505, 5709, 5761, 6101, 6384, 6391, 6630, 6696, 6718, 7031, 7042, 7073, 7149, 7220, 7263  
HYPERTENSION, MALIGNANT: 715, 3177, 6736  
HYPERTENSION, PORTAL: 472, 1673, 2689, 3053, 3390, 3920, 3939, 5747, 5997, 6171, 6908  
HYPERTENSION, PULMONARY: 1933, 2441, 2606, 3486, 3842, 5588, 6782  
HYPERTENSION, RENAL: 1485, 2128, 2165, 2309-2310, 2865, 3161, 3437, 3800, 4654, 6770, 6827, 7119  
HYPERTHYROIDISM: 207, 644, 963, 1022, 2092, 2678, 2994-2995, 5517, 5865, 6761, 7130, 7146  
HYPERTONIC SOLUTIONS: 2087, 5260, 6150, 7018  
HYPERTRICHOSIS: 2195, 2709  
HYPERTROPHY: 1955, 2456, 2818, 5591, 5811  
HYPERVENTILATION: 910, 5122, 6365  
HYPHEMA: 3821, 5704  
HYPNOSIS: 2980, 6759  
HYPNOSIS, DENTAL: 2571, 3807, 3809  
HYPNOTICS AND SEDATIVES: 850, 1141, 1479, 2767-2768, 4867, 5296, 6750  
HYPOCALCEMIA: 1098, 3168  
HYPODERMYIASIS: 420  
HYPOGLYCEMIA: 387, 1060-1061, 2023, 2173, 2610, 2960, 3583, 6078, 6697  
HYPOGONADISM: 5654  
HYPOKALEMIA: 175, 2055, 2599, 5386  
HYPONATREMIA: 2193  
HYPOPARATHYROIDISM: 1898, 5799, 6691  
HYPOPHYSECTOMY: 3548, 3763, 4108, 4110, 4870, 6821, 7061  
HYPOPROCONVERTINEMIA: 333, 1997, 2093, 2097, 3978-3979, 5230, 5676, 5800-5801, 6604, 7193  
HYPOPROTEINEMIA: 842, 5910, 6187, 6368  
HYPOPROTHROMBINEMIA: 399, 862, 1182, 1359, 1374, 1553, 1678, 2000, 2091, 2093, 2095, 2097, 2236, 2259, 2417, 3091, 3142, 3360, 3782, 3958, 5230, 5571, 5676, 5804, 5841, 6043, 6569, 6961, 7193  
HYPOTENSION: 72, 328, 472, 695, 1181, 1407, 1452, 2082, 2873, 3690, 3865, 4135, 4478, 4981, 5137, 5718, 5921, 6214, 6588, 6753, 6925, 7042, 7189  
HYPOTENSION, CONTROLLED: 2455, 4652  
HYPOTHALAMUS: 1804, 5141, 6252, 6862  
HYPOTHERMIA: 1445  
HYPOTHERMIA, INDUCED: 735, 1574, 1861, 1947, 2455, 3562, 3702, 4539, 4725, 4981, 5544, 5687, 6863, 6928  
HYPOTHYROIDISM: 476, 2994, 5004, 5644, 5865, 6761  
HYPOTONIC SOLUTIONS: 2087, 2237, 3844, 5085  
HYSTERECTOMY: 1462, 2462, 2624, 2987, 3094, 3501, 3561, 4055, 4321, 5174, 5678, 5867, 6435, 6530, 6822, 6845, 6962, 7118  
HYSTERIA: 59  
HYSTEROSALPINGOGRAPHY: 7202
- I
- IATROGENIC DISEASE: 314, 1203, 2263, 3362, 5278, 5713, 5738, 6590, 6845  
ICE: 5228, 6819  
ICELAND: 2938  
ICHTHYOSIS: 2684, 6912  
ILEITIS: 3536  
ILEOCAL VALVE: 5972  
ILEOSTOMY: 3551  
ILEUM: 309, 661-662, 821, 1561, 1711, 1816-1817, 2139, 2176, 2379-2380, 2420, 2436, 2587, 2610, 3536, 3551, 4020, 4290, 4355, 4409, 5168, 5656, 5680, 5972, 6054, 6099, 6181, 6266, 6945, 6973, 7004, 7100  
ILIAC ARTERY: 187, 634, 711, 1076, 1172-1173, 1204, 1529, 1617, 1781, 3581, 4046, 4183, 5576, 5718-5719, 6375, 6939, 7136  
ILIAC VEIN: 1236, 1606, 3201, 3592, 4125-4126, 4864  
ILUM: 754, 1322, 2572, 6426  
ILLINOIS: 4845  
IMIDAZOLES: 426-427, 934, 1140, 1202, 2027-2028, 2717, 2764, 2789, 3565, 3822, 4033, 4161, 4217, 4506, 4723, 4760, 5295, 5479, 6053, 6118, 6873, 7043  
IMIDES: 663-664, 1716, 5422  
IMINES: 637, 864, 1878, 3485, 3863, 3989, 6924  
IMIPRAMINE: 73, 368, 661, 1743, 4454-4455, 5347, 6470, 6555  
IMMERISION: 735  
IMMOBILIZATION: 509, 1184, 1502, 2220, 3143, 3196, 5296  
IMMUNE SERUMS: 3, 102, 174, 176, 178, 431, 438, 486, 533, 608, 612, 617, 628, 655, 700, 747, 776, 811, 813, 839, 878, 892, 907, 936, 962, 1015, 1107, 1121-1122, 1128-1130, 1151, 1154, 1193, 1226, 1259, 1289, 1285, 1289, 1298, 1313, 1367, 1406, 1542, 1593-1594, 1690, 1772, 1809, 1848, 1895, 1915, 1958, 2102, 2161, 2291, 2299, 2319, 2349, 2370, 2398, 2490, 2541, 2544, 2634, 2726, 2736, 2802, 2924, 2934, 2962, 3034, 3061, 3063, 3121, 3202, 3204, 3210, 3255-3256, 3325, 3406, 3422, 3513, 3518, 3571, 3599, 3620, 3646, 3665, 3685, 3728, 3776, 3793, 3923, 3937, 3970, 4001-4003, 4037, 4061, 4106, 4112, 4115, 4119, 4143, 4146, 4160, 4165, 4172, 4250, 4282, 4317, 4325, 4368, 4376, 4379, 4447, 4485, 4491-4492, 4511, 4528, 4545, 4615, 4711, 4723, 4732, 4742, 4758-4760, 4765, 4913, 4941, 4961, 5019, 5050, 5125, 5151, 5168-5169, 5307, 5353, 5356, 5367, 5381, 5384, 5429, 5443, 5446, 5535-5536, 5555, 5612, 5615, 5690, 5710, 5852, 6028, 6054, 6075, 6131-6132, 6146, 6150, 6174, 6190, 6244, 6249, 6259, 6270, 6272, 6289, 6354, 6444, 6460-6461, 6465, 6497, 6504, 6536, 6599, 6610, 6760, 6767, 6775-6776, 6795, 6881, 6929, 7016, 7026, 7047, 7067, 7097, 7102, 7168, 7241  
IMMUNE TOLERANCE: 52-53, 141, 284, 1287, 6247-6248  
IMMUNITY: 1093, 2542, 3004, 3648, 4912, 5298, 6130, 6689, 7089  
IMMUNITY, ACTIVE: 3121, 5168, 6919  
IMMUNITY, CELLULAR: 3648, 4912  
IMMUNITY, PASSIVE: 762, 1367, 5168, 5453  
IMMUNIZATION: 141, 438, 762, 813, 1129, 1543, 1698, 1958, 3307, 3513, 3648, 3650, 3970, 4289, 4528, 4545, 5974, 6226, 7090-7091, 7209  
IMMUNIZATION SCHEDULE: 3121, 3934, 3973, 4742, 4913, 5812, 5878, 6502, 7209  
IMMUNOASSAY: 174, 437, 1704, 2530, 2851, 3061, 3091, 3570, 4160, 4367, 4654, 5438, 5957, 6425  
IMMUNOCHEMISTRY: 19, 165, 205, 438, 628, 783, 813, 829, 1129, 1728, 2184, 2297-2298, 2727, 3256, 4143, 4282, 4711, 4723, 4754, 5264, 5353, 5367-5368, 5434, 5536, 6131, 6168, 6246, 6272, 6578, 6671, 6848, 6856  
IMMUNOELECTROPHORESIS: 9, 19, 30, 106, 118, 174-175, 415, 422, 574, 619, 700, 803, 853, 862, 907, 962, 1106-1107, 1109, 1145, 1494, 1542, 1690, 1692, 1695, 1726, 1728, 1777, 1809, 1825, 1941, 1959, 1986-1987, 2124, 2126, 2135, 2184, 2283, 2297, 2428, 2541, 2588, 2726, 2807, 2895, 2962, 3045, 3068, 3091, 3103, 3210, 3248, 3264, 3303, 3325, 3415, 3665, 3690, 3685, 3791, 3888, 3892, 4112, 4119, 4143-4144, 4165, 4172, 4196, 4242, 4270, 4282, 4322, 4371, 4379, 4418, 4484-4485, 4491-4492, 4511, 4528, 4545, 4742, 4838, 4880, 4941, 4972, 5037, 5079, 5205, 5264, 5324, 5423, 5429, 5555, 5614, 5710, 5841, 5874, 5878, 5909, 5962, 6009, 6073, 6113, 6137, 6156, 6160, 6272, 6457, 6460, 6465, 6495, 6504, 6642, 6714, 6795, 6817, 6896, 7047, 7064, 7081, 7093, 7144, 7159, 7168, 7195  
IMMUNOGLOBULINS: 30, 111, 206, 302, 388-389, 439, 612, 783, 1478, 2183, 2344, 2726, 3063, 3981, 4342, 5051, 5067, 5303, 5353, 5419, 6073, 6083, 6113, 6461, 6856, 7004  
IMMUNOLOGIC DEFICIENCY SYNDROMES: 619, 2045, 2116, 2155, 4112, 4118, 5419, 6247  
IMMUNOLOGY: 5816, 7185  
IMMUNOSUPPRESSIVE AGENTS: 144, 284-286, 405, 1353, 1370, 1588, 1870, 2363, 2512, 2706,



# SUBJECT INDEX

2740, 2918, 3633, 3808, 3936, 4370, 4638, 4684,  
4814, 4946, 5034, 5036, 5270, 5416, 5468,  
5606-5608, 5687, 6386, 6496-6497, 6501, 6568, 6857,  
6890  
IMPOTENCE: 5508  
IN VITRO: 3, 15, 20, 43, 76, 116, 148, 162, 177,  
191, 286-287, 325, 334, 337, 365-366, 372, 424,  
451, 454, 459, 505, 544, 562, 578, 587, 618, 632,  
658, 732-733, 749, 783, 810, 830, 836, 840-841,  
846, 852, 893, 906, 981, 996, 1005, 1111-1112,  
1166, 1218, 1237, 1249, 1257, 1296-1297, 1306,  
1319, 1330-1332, 1421, 1446-1448, 1453, 1460,  
1473-1474, 1493, 1607, 1628, 1638, 1644, 1656,  
1662, 1713, 1749, 1751, 1769, 1807, 1816-1817,  
1829, 1892, 1949, 1956, 2067, 2115, 2139, 2157,  
2175-2176, 2188, 2221-2222, 2233, 2237, 2268, 2290,  
2341, 2358, 2379-2380, 2401, 2426, 2453, 2495,  
2504, 2531, 2535, 2539-2540, 2564, 2583, 2612,  
2620, 2634, 2645, 2661, 2684, 2702, 2711, 2726,  
2729, 2743, 2809, 2821, 2824-2825, 2872, 2911,  
2913, 2949, 2958, 2970, 3008, 3018, 3061,  
3066-3067, 3090, 3092, 3094-3095, 3123, 3140, 3153,  
3156, 3165, 3181, 3184, 3190, 3234, 3237, 3317,  
3325, 3348, 3396, 3424, 3456, 3524-3525, 3539,  
3550, 3583-3584, 3590, 3600, 3644, 3665, 3712,  
3772, 3833, 3840, 3871, 3951, 3980, 3986, 3998,  
4011, 4058, 4060, 4067, 4070, 4091, 4108-4109,  
4148-4149, 4234, 4241, 4280, 4333, 4362, 4393,  
4408, 4432, 4452, 4503, 4513, 4573, 4608, 4630,  
4645, 4666, 4700-4701, 4731, 4739, 4754, 4765,  
4775, 4783, 4822, 4834, 4924, 4955, 4985, 5011,  
5020, 5038, 5063, 5119, 5141, 5151, 5168, 5171,  
5191, 5238, 5240, 5311, 5414-5415, 5419, 5422,  
5431, 5513, 5546-5547, 5611, 5651, 5665, 5749,  
5777, 5783, 5821, 5854, 5870, 5936-5937, 6019,  
6057, 6064, 6070, 6074, 6106, 6127, 6135,  
6146-6147, 6198, 6237, 6279, 6297, 6301, 6307,  
6342, 6385, 6394, 6416, 6454, 6470, 6473, 6516,  
6524, 6532, 6591, 6609, 6644, 6662, 6740, 6789,  
6824, 6838, 6849, 6865, 6897, 6945, 7007, 7084,  
7087, 7107, 7128, 7142, 7150, 7164, 7259  
INBREEDING: 4115, 5224, 5861, 6434  
INCISOR: 1328  
INCLUSION BODIES, VIRAL: 2321-2322, 6305  
INDENES: 576, 1472, 1871, 3952  
INDIA: 65, 212, 1402, 5300, 7231  
INDIAN OCEAN ISLANDS: 1136, 2005  
INDIANS, NORTH AMERICAN: 110  
INDICAN: 3702  
INDICATOR DILUTION TECHNIQS: 653, 931, 5334  
INDICATORS AND REAGENTS: 474, 611, 633,  
795, 832, 1764, 1974, 2288, 2589, 2630, 2707-2708,  
2881, 2892, 2914, 2971, 3454, 3559, 3628, 3649,  
3695, 3793, 3822, 3850, 3983, 4375, 4553, 4620,  
4648, 4709, 4711, 4733, 5055, 5230, 5794,  
6000-6001, 6144, 6327, 6802, 6809, 6842, 6966,  
7193, 7206  
INDIUM: 1511  
INDOLEACETIC ACID: 5539  
INDOLES: 1996, 2297, 2808, 3013, 3169, 5875-5876,  
6154, 6182  
INDOMETHACIN: 1588, 2188, 2903, 4157, 4769,  
5916, 6536, 6643, 7043-7044, 7191  
INDOPHENOL: 685-686  
INDUSTRIAL MEDICINE: 4246  
INDUSTRIAL NURSING: 688  
INFANT: 37, 44, 56, 65, 75, 110, 124, 152, 227,  
254, 258, 293, 313, 408, 413, 447, 468, 473, 487,  
499, 516, 547, 550, 553, 616, 725, 738-739, 751,  
803, 881, 916, 928, 941, 1002, 1021, 1028, 1037,  
1047-1048, 1074, 1146, 1169, 1181, 1250, 1252-1253,  
1360, 1376, 1397, 1425, 1435, 1505, 1596, 1598,  
1639, 1671, 1767, 1815, 1827, 1862, 1882, 1893,  
1950, 1955, 1991, 2037, 2074, 2096, 2110,  
2148-2149, 2155, 2189, 2214, 2262, 2303, 2307,  
2311, 2332, 2360, 2363, 2368, 2375, 2435, 2478,  
2484, 2552, 2569, 2626, 2639, 2658, 2664, 2679,  
2705, 2728, 2745, 2776, 2787, 2820, 2833, 2856,  
2891, 2955, 3009, 3190, 3292, 3302, 3330, 3332,  
3415, 3438, 3515, 3520, 3536, 3641, 3749-3750,  
3964, 3968, 4166, 4211, 4215, 4276, 4320,  
4339-4340, 4343, 4353, 4355, 4370, 4372, 4392,  
4410, 4424, 4501, 4524, 4543, 4567, 4590, 4604,  
4606, 4610, 4634, 4646, 4671, 4677, 4797, 4812,  
4825, 4874, 4881, 4901, 4936, 4938, 4960, 5006,  
5009, 5024, 5092, 5139, 5159, 5215, 5234, 5261,  
5269, 5303, 5409, 5478, 5488, 5510, 5558, 5604,  
5606-5608, 5674, 5721, 5747, 5762, 5788, 5824,  
5842, 5941, 5946, 5955, 6003, 6038, 6066, 6076,  
6078, 6093, 6174, 6181, 6225, 6291-6292, 6302,

6304, 6343, 6404, 6407, 6412, 6484, 6490, 6550,  
6554, 6612, 6679, 6684, 6719, 6723, 6744, 6749,  
6765, 6782, 6912, 6936, 6961, 7082, 7095, 7109,  
7124, 7176, 7214  
INFANT MORTALITY: 582, 988, 3869, 4840, 5978,  
6843, 6973  
INFANT, NEWBORN: 1, 56, 65, 74, 110, 126, 131,  
293, 323, 357, 391, 408, 413, 447, 473-474, 510,  
516, 579, 581-582, 599, 668, 691, 703, 751, 797,  
812, 845, 881, 911, 988, 1030, 1046-1048, 1054,  
1129, 1141, 1146, 1181, 1306, 1335, 1373, 1397,  
1425-1426, 1435, 1529, 1543, 1565, 1596, 1634-1637,  
1639, 1641, 1701, 1704, 1712, 1777, 1812-1813,  
1848, 1875, 1955, 2018, 2037, 2071-2072, 2077,  
2122, 2124-2126, 2147-2149, 2168, 2170, 2193, 2214,  
2258, 2292-2293, 2324, 2440, 2458-2459, 2552, 2587,  
2606, 2647, 2675, 2728, 2730, 2796, 2868, 3061,  
3065, 3118, 3215, 3292, 3322, 3360, 3436, 3447,  
3456, 3466-3467, 3520, 3536, 3573, 3588, 3605,  
3815, 3846, 3895, 3960, 3964, 4063, 4097, 4118,  
4169, 4195, 4254, 4345, 4353, 4355, 4362, 4411,  
4423, 4579-4583, 4610, 4634, 4671, 4691, 4757,  
4797-4798, 4840, 4874, 4936, 4977-4978, 5009, 5024,  
5159, 5220, 5234, 5261, 5313, 5409, 5430, 5480,  
5527, 5567, 5604, 5606, 5639-5640, 5648, 5670,  
5747, 5780, 5788, 5839, 5842, 5871, 5897, 5907,  
5978, 6066, 6076, 6226, 6291, 6306, 6343, 6349,  
6484, 6506, 6550, 6612, 6677, 6679, 6697-6698,  
6703, 6710, 6777, 6804, 6843, 6882, 6886-6887,  
6961, 6992, 7109, 7176, 7280  
INFANT, NEWBORN, DISEASES: 1, 74, 131, 293,  
323, 391, 447, 473, 510, 579, 581-582, 668, 703,  
911, 972, 1129, 1306, 1373, 1426, 1435, 1543, 1566,  
1637, 1641, 1712, 2018, 2071, 2170, 2193, 2258,  
2292-2293, 2587, 2647, 3292, 3466-3467, 3933, 4097,  
4254, 4345, 4411, 4929, 4977-4978, 5156, 5480,  
5527, 5640, 5648, 5780, 5788, 5897, 5907, 6046,  
6226, 6306, 6506, 6677, 6698, 6709, 6777, 6973  
INFANT NUTRITION: 668, 6961  
INFANT NUTRITION DISORDERS: 1047, 2307  
INFANT, PREMATURE: 4423, 4582-4583, 5430,  
6306  
INFANT, PREMATURE, DISEASES: 510, 668,  
4345, 5313, 5430  
INFARCTION: 455, 1442, 1710, 2213, 2982, 3383,  
4055, 4640, 5625, 5839, 6285, 6372, 6374, 6446,  
6588, 6949  
INFECTIO: 94, 127, 288, 491, 656, 659, 895, 1021,  
1093, 1558, 1806, 1853, 2143, 2427, 3418, 3613,  
4352, 4956, 5284, 5931, 6252, 6277, 6703, 6863,  
6951, 6959, 7094, 7159, 7183, 7188  
INFECTIOUS MONONUCLEOSIS: 439, 1104, 5429  
INFLAMMATION: 94, 101, 179, 230, 284,  
1118-1119, 1132, 1845, 1931, 1966, 2105, 2176,  
2248, 2280, 2485, 2563, 2903, 2911, 2949, 2973,  
3122, 3306, 3358, 3513, 3787, 4184, 4197, 4259,  
4321, 4467, 4946, 5074, 5128, 5298, 5367-5368,  
5707, 5748, 6355, 6380, 6397, 6661, 6825, 6994,  
7093-7094, 7146, 7224  
INFLUENZA: 2068, 4357, 4832, 5254-5256  
INFLUENZA VACCINE: 1513  
INFLUENZA VIRUSES: 1513, 2067, 2962, 3130,  
5254-5256, 6305, 6399, 6760  
INFORMATION RETRIEVAL SYSTEMS: 2604,  
2643, 4071  
INFRARED RAYS: 335, 521, 611, 868, 2057, 3348,  
6596  
INFUSIONS, PARENTERAL: 105, 134, 136, 157,  
315, 400-401, 497, 625, 638, 668, 996, 1031,  
1094-1095, 1913, 2513, 2583, 3168, 3702, 3749,  
3912, 4541, 4588, 4612, 5137, 5424, 5870, 6145,  
6925, 7018  
INGUINAL CANAL: 192, 6716  
INGUINAL HERNIA: 1528, 1596, 2478  
INHALATION THERAPY: 3678  
INJECTIONS: 140, 464, 723, 778, 1206, 1321,  
1866-1867, 1937, 2395, 2533, 2866, 3267, 4141,  
4393, 5603, 6012, 6186, 6658, 6772, 6854, 6888,  
6968  
INJECTIONS, INTRA-ARTERIAL: 14, 143-144, 503,  
667, 1307, 1591, 2205, 2609, 3808, 4264, 4278,  
4393, 5204, 6590  
INJECTIONS, INTRA-ARTICULAR: 1227, 2516,  
6086, 6447, 6570  
INJECTIONS, INTRADERMAL: 83, 420, 1771, 1940,  
4923, 5266, 6086  
INJECTIONS, INTRALYMPHATIC: 3448  
INJECTIONS, INTRAMUSCULAR: 74, 105, 827,  
917, 1613, 1950, 2073-2074, 2191-2192, 2856, 3004,

3062, 3871, 4042, 4575, 4624, 5069, 5960, 6241,  
6331  
INJECTIONS, INTRAPERITONEAL: 256, 353, 406,  
1771, 2553, 2583, 2612, 3307, 4382, 4497, 4829,  
5116, 5477, 5528, 5815, 6052, 6704, 6766, 7147  
INJECTIONS, INTRAVENOUS: 14, 35, 105, 135,  
234, 296, 440, 444, 494, 600, 921, 996, 1018, 1146,  
1159-1160, 1168, 1210, 1438, 1444, 1580, 1613,  
1621, 1693, 1705, 1707-1708, 1803, 1896, 1900,  
1913, 1922, 2050, 2129-2130, 2191, 2205, 2390,  
2396, 2402-2404, 2447, 2499, 2612, 2650, 2724,  
2782, 2826, 2841, 2856, 2866, 2915, 3001, 3204,  
3207, 3433, 3527, 3717, 3808, 3902, 3916, 3919,  
4049, 4139, 4325, 4340, 4393, 4508, 4520, 4557,  
4564, 4632, 4696, 4773, 4904, 4951, 4998, 5137,  
5260, 5322, 5342, 5487, 5518, 5582, 5585, 5701,  
5716, 5719, 5748, 5870, 5916, 5954, 5999, 6005,  
6072, 6219, 6253, 6316, 6399, 6426, 6455, 6675,  
6690, 6704, 6706, 6716, 6748, 6755, 6757, 6768,  
6784, 7059, 7144  
INJECTIONS, SUBCUTANEOUS: 83, 815, 2608,  
3307, 4042, 5477, 6003, 6133, 6535, 7043  
INNOMINATE ARTERY: 1305  
INNOMINATE VEIN: 4192  
INOSITOL: 1110  
INSECT BITES AND STINGS: 5940  
INSECT VECTORS: 809  
INSECTICIDES: 3348  
INSECTIVORA: 4064  
INSECTS: 590, 3396, 3524-3525, 3714, 5165, 5349,  
7167  
INSEMINATION, ARTIFICIAL: 5758  
INSOMNIA: 1115  
INSULIN: 105, 533, 852, 967, 1011, 1016, 1210,  
1249, 1346, 1479, 1523, 1551, 1592, 1658, 1758,  
1843, 1974-1975, 2115, 2456, 2530, 2610, 2939,  
2958, 2960, 2974, 3202, 3320, 3530, 3583-3584,  
3588, 3706, 3772, 3805, 4004, 4065, 4160,  
4175-4177, 4239, 4267, 4559, 5038, 5171, 5219,  
5292, 5324, 5455, 5483, 5513, 5726, 5884, 5944,  
5977, 6051, 6074-6075, 6126, 6146-6147, 6197, 6246,  
6335, 6348, 6453, 6559, 6792, 6820, 6937, 6963,  
7194  
INSULIN ANTIBODIES: 967, 4160, 5038, 6074  
INSULIN RESISTANCE: 967  
INTELLIGENCE: 1376  
INTENSIVE CARE UNITS: 1686, 3560, 3579, 5760,  
6431  
INTERFERON: 486, 543-544, 655, 1093, 1330, 1779,  
1883, 2101, 2319, 2969, 3662, 3776, 4017, 4625,  
4910, 6454, 6735  
INTERMITTENT CLAUDICATION: 714, 1559, 1617,  
1757, 1781, 2514, 3481, 3570-3571  
INTERNAL MEDICINE: 2849, 3646  
INTERNATIONAL AGENCIES: 670  
INTERNATIONAL COOPERATION: 2642, 6032,  
7225  
INTERNSHIP AND RESIDENCY: 3821  
INTERPROFESSIONAL RELATIONS: 615  
INTERVERTEBRAL DISK: 723, 778, 1321,  
1846-1867, 2050, 6012, 6164, 6186  
INTERVERTEBRAL DISK DISPLACEMENT: 660,  
778, 1220, 2936, 3074, 4072, 6012, 6164, 6186,  
6885  
INTESTINAL ABSORPTION: 203, 225, 253, 255,  
821, 919, 1070, 1660, 1741, 1830, 1873, 2114,  
2420-2421, 2519, 2610, 2769, 2826, 2907, 2966,  
3267, 3323, 3417, 3456, 4066, 4226, 4383, 5177,  
5621, 5661, 6275, 6433, 6961, 7096  
INTESTINAL ATRESIA: 1641  
INTESTINAL DISEASES: 2155, 2295, 3199, 3905,  
4262, 4554, 5350, 6722, 6778, 6794, 7078  
INTESTINAL FISTULA: 253, 1008, 5350, 5762  
INTESTINAL MUCOSA: 309, 331, 493, 681-682,  
1482, 1600, 1645, 2102, 2139, 3491, 3541, 3961,  
4069, 4167, 4362, 4366, 4601, 4628, 4955, 4968,  
5616, 5621, 7011, 7249  
INTESTINAL NEOPLASMS: 888, 1035, 1641, 1903,  
2742, 3058, 3403, 3536, 3540, 3551, 3607, 4127,  
4748, 5333, 6099  
INTESTINAL OBSTRUCTION: 65, 70, 225, 725,  
1008, 1101, 1418, 1425, 1429, 1533, 1641, 1706,  
1772, 2431, 2478, 2742, 2942, 3199, 3292, 3361,  
3702, 3991, 4076, 4355, 4386, 4497, 4554, 5033,  
5204, 5250, 5350, 5656, 5675, 5762, 5998,  
6098-6099, 6266, 6412, 6478, 6744, 6774  
INTESTINAL PERFORATION: 430, 695, 1076,  
2587, 4355, 4990, 5211  
INTESTINAL POLYPS: 1208, 5655, 5998  
INTESTINAL SECRETIONS: 483, 783, 1862, 2783,



# SUBJECT INDEX

3285, 3631, 4430, 4945, 6054, 6210, 6273, 7019, 7127  
**INTESTINE, LARGE:** 1208, 4939  
**INTESTINE, SMALL:** 203, 309, 503, 703, 1035, 1510, 1841, 2035, 2084, 2102, 2200, 2389, 2420, 2742, 2828, 2908, 2968, 2975, 3153, 3199, 3285, 3361, 3417, 3540, 3600, 3710, 3887, 3890, 3961, 3967, 4069, 4127, 4344, 4355, 4388, 4549, 4688, 4782, 5350, 5481, 5686, 5918, 6098, 6110, 6744, 7011, 7234  
**INTESTINES:** 71, 201, 398, 420, 1097, 1708, 1908, 2114, 2311, 2421, 2802, 2907, 3121, 3128, 3135, 3396, 3603, 3607, 3631, 3838, 3974, 4435, 4976, 5651, 5783, 5953, 5972, 6171, 6181, 6210, 6256, 6359, 7004, 7251  
**INTRACRANIAL PRESSURE:** 91, 152, 216, 1597, 3392, 3535, 5334, 5993  
**INTRAOCULAR PRESSURE:** 207, 271, 280, 341, 1279, 2827, 4966, 5364, 6792  
**INTRAUTERINE DEVICES:** 1274, 2699, 4147, 5052, 6941, 7202  
**INTRINSIC FACTOR:** 2802, 4379  
**INTUBATION:** 1424, 4355, 4440, 5440  
**INTUBATION, GASTROINTESTINAL:** 203, 2129-2130, 2284, 2552, 3710  
**INTUBATION, INTRATRACHEAL:** 398, 693-694, 739, 965, 4299, 4855, 5296, 6703, 6955  
**INULIN:** 14, 5547  
**INVERTEBRATE HORMONES:** 2797  
**INVERTEBRATES:** 6579  
**IODIDES:** 335, 1105, 4449, 5059, 6352, 6410  
**IODINE:** 600, 604, 1385, 1719, 1803, 2491, 2704, 3672-3673, 3789, 4642-4643, 4739, 4897, 4935, 5083, 5353, 5375, 5441, 5818, 6083, 6352, 6410, 6543, 6629, 6648  
**IODINE ISOTOPES:** 201, 295, 394, 444, 604, 963, 979, 1099, 1159-1160, 1176, 1517, 1608, 1709, 1803, 1822, 1829, 2175, 2356, 2420-2421, 2541, 2581, 2784, 2945, 3185, 3323, 3356, 3369, 3507, 3543, 3583, 3599, 3672-3673, 3690, 3746, 3789, 3838, 3873-3874, 3918, 4034, 4048-4049, 4110, 4160, 4383, 4460, 4484, 4630-4632, 4739, 4759, 4820, 4935, 4992-4993, 5016, 5071, 5173, 5179, 5189, 5289, 5292, 5321-5322, 5381, 5400-5402, 5441, 5582, 5817-5818, 5841, 6083, 6092, 6316, 6347, 6352, 6410, 6423, 6848, 7097, 7099, 7144  
**IODINE ISOTOPES, DIAGNOSTIC:** 512, 784, 873, 1639, 1783, 1855, 1912, 2500, 2575, 2832, 3021-3023, 3028, 3516-3517, 3873, 4035, 4680, 5056, 5301, 5334, 5488, 5578, 6072, 6218, 6525  
**IODIPAMIDE:** 6293  
**IODIZED OILS:** 660  
**IODOACETATES:** 16, 45, 150-151, 241, 403, 424, 515, 723, 953, 1391, 1609, 1884, 1878, 2004, 2080, 2182, 2550, 2635, 2688-2687, 2766, 2984-2986, 3471, 3982, 4537, 4598, 5087, 5353, 5759, 5902, 5968, 6091, 6808, 7158  
**IODOPHOSPHORIC ACID:** 1094-1095, 1780, 5861  
**IODOPROTEINS:** 106, 1517, 4739, 4935, 5441, 6352  
**IODOTYROSINE:** 106, 604, 3873, 5817  
**ION EXCHANGE:** 1551, 4351, 6802  
**ION EXCHANGE RESINS:** 20, 1649, 4089, 4609, 5373, 6615, 6915  
**IONS:** 853, 1901, 2197, 3034, 3168, 3218, 3273, 4089, 4351, 4382, 4473, 4486, 4713, 4733, 5787, 5896, 6082, 6190, 6341  
**IONTOPHORESIS:** 260, 1719, 2106, 4306, 5707  
**IOHALAMIC ACID:** 924, 2172  
**IPRONAZIDE:** 2576, 5358  
**IRAN:** 5262, 5800  
**IRIS:** 280, 470, 513, 704, 912, 1845, 1865, 1951, 3796, 3821, 4390, 4424, 5457, 6792  
**IRITIS:** 2827, 3821  
**IRON:** 346, 656, 791, 866, 1109, 1216, 1356, 1415, 1509, 1830, 2295, 2308, 2538, 2599, 2629, 3099, 3354, 3479, 3603, 3867, 3871, 3918, 3963, 4088-4089, 4111, 4328, 4381, 4557, 4712, 4714, 4732, 4839, 5057, 5321, 5945, 6053, 6082, 6477, 6618, 6650, 6694, 7053, 7082, 7084  
**IRON-DEXTRAN COMPLEX:** 3871, 4940  
**IRON ISOTOPES:** 2538, 2853, 3099, 3603, 3871, 4089, 4505, 4805, 5321, 6053, 6188, 6256  
**IRRIGATION:** 89, 772, 1386, 2205, 3332, 3707, 5833, 5738, 6821  
**ISCHEMIA:** 174, 294, 564, 638, 912, 946, 1172, 1392, 1458, 1497, 1621, 1640, 1665, 1677, 1781, 2031, 2183, 2260, 3107, 3571, 3596, 3624, 3855, 3884, 3988, 4059, 4278, 4314, 4430, 4556, 5782, 5994, 6100, 6180, 6184, 6195, 6373, 6397, 7009, 7042, 7216

**ISCHMUS:** 3859  
**ISLANDS OF LANGERHANS:** 852, 5877, 6146-6147, 6937  
**ISLET CELL TUMOR:** 3584, 3616, 6147  
**ISOANTIBODIES:** 848, 863, 879, 1285, 1531, 2533, 2874, 3478, 3646, 3713, 4402, 4577, 5155, 5453, 5575, 6286-6288, 6489, 6494, 6604, 6767  
**ISOANTIGENS:** 184, 863, 879, 1130, 1269, 2270, 2589, 3478, 3793, 3933, 3937, 4037, 4772, 6142, 6144, 6289, 6913  
**ISOCARBOXAZID:** 4239, 7039  
**ISOCITRATE DEHYDROGENASE:** 976, 986, 1122, 1454, 2522, 2570, 5512, 6105  
**ISOELECTRIC FOCUSING:** 962, 1728, 4762, 4941  
**ISOENZYMES:** 115, 126, 139, 1245, 1433-1434, 1652, 2401, 2433, 2502, 2933, 2984-2986, 3949, 4228, 5317, 5343, 5512, 5619, 5968, 6411, 7199  
**ISOFLUOROPHATE:** 35, 326, 365, 427, 841, 1593, 1773, 1795, 2001, 2266, 2296-2298, 2539-2541, 2717, 2976, 3209, 3523, 3752, 3861-3862, 4265-4266, 6522, 6995  
**ISOLATION PERFUSION:** 120, 3929  
**ISOLEUCINE:** 700, 1341, 1455, 1996, 2593, 2617, 2838, 3048, 3668, 3861, 3922, 3973-3974, 4659, 4846, 5246, 5923, 6967  
**ISOMERASES:** 1474, 3055, 6150  
**ISONIAZID:** 1703, 2291, 2524, 2856, 3062, 3867, 4469, 6707-6709, 7039, 7223  
**ISOPROTERENOL:** 338, 1337-1338, 1578, 1699, 3469, 3725, 5160, 5763  
**ISOQUINOLINES:** 4-5, 1550, 2951, 4020, 7134  
**ISOTONIC SOLUTIONS:** 1040, 1042, 1257, 4405, 4500, 6451, 7018  
**ISRAEL:** 5800  
**ITALY:** 956, 1355, 2170, 4370, 5595

## J

**JAPAN:** 311, 1950, 2601, 4729, 4809, 6850, 7225  
**JAUNDICE:** 54, 1760-1762, 2005, 2064, 2122, 3628, 4431, 4568, 5083, 5399, 6059, 6806  
**JAUNDICE, CHRONIC IDIOPATHIC:** 5800  
**JAUNDICE, NEONATAL:** 3605, 4097, 4691, 5313  
**JAUNDICE, OBSTRUCTIVE:** 337, 994, 2122, 3090, 3115, 3146, 3790, 3920, 4691, 5474, 5488, 5869, 7054  
**JAW ABNORMALITIES:** 324  
**JAW DISEASES:** 3050, 5207, 5737  
**JAW NEOPLASMS:** 1969, 3283, 4650, 6799  
**JEJUNUM:** 203, 225, 695, 725, 1101, 1482, 2587, 2610, 2975, 3267, 3403, 3836, 4355, 4386, 4409, 4748, 5601, 5621, 6054, 6858, 7019  
**JEWS:** 7082  
**JOINT DISEASES:** 161, 591, 969, 975, 1184, 1559, 1663, 2117, 2431, 2516, 2790, 2980, 3281, 3671, 4081, 4252, 4602, 5553, 5580, 6572  
**JOINTS:** 1663, 6398  
**JOUGULAR VEIN:** 22, 289, 374, 1568, 1612, 2720, 3098, 3488, 4190, 4192, 4279, 4364, 4440, 4668, 5330  
**JURISPRUDENCE:** 184, 3933, 4788  
**JUVENILE HORMONE:** 2797  
**JUXTAGLOMERULAR APPARATUS:** 2211, 2712

## K

**KALLIDIN:** 1817, 5128  
**KALLIKREIN:** 8, 180, 234, 338, 525, 749-750, 927, 1124, 1212, 1347, 1628, 1652, 1795, 1936, 2428, 2535-2537, 2692-2693, 2868, 2903, 2944, 2996-2997, 3032, 3083, 3087, 3174, 3308, 3473, 3862, 3888, 4384, 4406, 4666, 4696, 4755, 4898, 5011, 5072, 5128, 5675, 5916, 6092, 6109, 6274, 6283, 6340-6341, 6354, 6393, 6582, 6605, 6821  
**KALLIKREIN-TRYPSIN INACTIVATOR:** 68, 83, 155, 201, 204, 234, 290, 296, 298, 338, 385, 446, 497, 596-597, 600, 673, 731, 749, 802-803, 852, 1032, 1227, 1367, 1441, 1540, 1583, 1608, 1618, 1621, 1656, 1711, 1811, 1919, 1921-1922, 1924, 1956, 2065, 2126, 2272, 2294, 2516, 2521-2522, 2534, 2558-2559, 2589, 2620, 2632, 2669, 2692-2693, 2750, 2931, 2996-2997, 3031-3032, 3058, 3165, 3202, 3218, 3262, 3269, 3308, 3363, 3400, 3421, 3562, 3599, 3608, 3611, 3702, 3729, 3814, 3879, 3963, 4022, 4081-4082, 4165, 4276, 4282, 4336, 4384-4385, 4439, 4497, 4599, 4629-4630, 4632, 4698, 4872, 4937, 4998, 5015, 5037, 5072, 5117, 5167, 5204, 5235, 5372, 5390, 5429, 5509, 5513, 5636, 5675, 5680, 5687, 5716, 5814, 5816, 5931, 6054, 6059, 6086, 6195, 6197, 6202, 6229, 6274, 6354, 6409,

6414, 6447-6448, 6516, 6570, 6582, 6605, 6675, 6751, 6755, 6766, 6825, 6917, 7144, 7196  
**KANAMYCIN:** 7181  
**KAOLIN:** 878, 977, 1124, 1188, 1532, 1539, 2268, 2453, 2459, 2807, 2950, 3685, 3958, 4244, 4669, 4707, 5072, 5214, 6143, 6536, 6747, 6897  
**KAPOSI'S VARICELLIFORM ERUPTION:** 6374  
**KARYOTYPING:** 558, 1147, 2891, 3118, 3515, 5142, 5610, 5682, 6207, 6305, 6709  
**KELOID:** 1853, 3302, 5721, 6850  
**KERATIN:** 1796, 2935, 3492, 6108, 7102, 7155  
**KERATITIS:** 210  
**KERATITIS, DENDRITIC:** 210  
**KERATOCONJUNCTIVITIS:** 210, 2142  
**KERATOCONUS:** 2827, 4424  
**KERATOSIS:** 1368, 2818, 3408, 4330, 6374, 7280  
**KERATOSIS FOLLICULARIS:** 7280  
**KEROSENE:** 6686  
**KETO ACIDS:** 264, 384, 2028, 4416  
**KETOGLUTARIC ACID:** 106, 1394, 4861  
**KETONE BODIES:** 533  
**KETONES:** 530, 787, 1210, 1381, 1550, 1773, 2063, 3048, 3455, 3523, 3775, 3952, 4373, 6050, 6178, 6518, 6873  
**17-KETOSTEROIDS:** 2002, 2700, 3057, 5428, 6637  
**KIDNEY:** 14, 24, 79, 90, 116, 165, 174, 176, 201, 285, 289, 320, 333, 413, 416, 446, 496, 514, 543-544, 549, 566, 695, 715, 747, 763, 9, 935-936, 945, 956, 992, 1000, 1078, 1094-1095, 1136, 1234, 1245, 1270, 1313, 1565, 1571, 1588, 1747, 1770, 1780, 1846, 1858, 1863, 1885, 1887, 1897, 1926, 1971-1972, 2018, 2101, 2158, 2170, 2175, 2206, 2226, 2252, 2321-2322, 2512, 2518, 2663, 2682, 2692, 2740, 2774, 2792, 2802, 2816-2818, 2831, 2854, 2888, 2908, 2917, 3004, 3035, 3054, 3176-3177, 3192-3193, 3209-3210, 3232, 3308, 3420, 3430, 3460, 3464, 3493, 3514, 3542, 3624, 3662, 3746-3747, 3780, 3808, 3816, 3825, 3838, 3868, 3884-3885, 3887, 3907, 3917, 3923, 3993, 4002, 4049, 4078, 4096, 4109, 4145, 4153, 4164, 4340, 4354, 4376, 4436, 4438, 4478, 4606, 4619, 4654, 4665-4667, 4673, 4700-4701, 4705, 4831, 4835, 4885, 4931, 4971, 4991, 5005, 5036, 5209, 5245, 5303, 5415-5416, 5427, 5481, 5578, 5611, 5651, 5661, 5691, 5728, 5746, 5763, 5768, 5796, 5821, 5824, 5843, 5861-5862, 5878, 5919, 5957, 5979, 5981-5983, 5990, 6035, 6112-6113, 6165, 6190-6192, 6256, 6372, 6390, 6394-6395, 6414, 6446, 6473, 6475, 6496-6497, 6501, 6507, 6606, 6681, 6705-6706, 6736, 6757, 6760, 6813, 6885, 6921, 6972, 7051, 7069, 7073, 7107-7108, 7115, 7119, 7184, 7195, 7207  
**KIDNEY, ARTIFICIAL:** 337, 375, 3077, 5751  
**KIDNEY CALCULI:** 1770, 3243, 7078, 7146  
**KIDNEY CONCENTRATING ABILITY:** 3851, 4096  
**KIDNEY CORTEX NECROSIS:** 446, 1085, 4227, 4340, 4437, 5006, 5024, 5735, 6736  
**KIDNEY, CYSTIC:** 3745, 4140  
**KIDNEY DISEASES:** 133, 176, 287, 738, 751, 802, 838, 1175, 1461, 1588, 1782, 1897, 2165, 2170, 2226, 2290, 2366, 2546, 2656, 2831, 2948, 3042, 3054, 3149, 3177, 3187, 3437, 3507, 3725, 3780, 3830, 3883, 3923, 4059, 4096, 4309, 4354, 4478, 4740, 4885, 4989, 5112, 5187, 5250, 5261, 5293, 5331, 5392, 5416, 5432, 5458, 5919, 5950, 5959, 6165, 6302, 6361, 6425, 6814, 6828, 6911, 7119, 7159, 7267  
**KIDNEY FAILURE, ACUTE:** 133, 516, 695, 803, 886, 905, 991, 1084-1085, 1087, 1360, 1505, 1598, 1780, 1806, 2082, 2099-2100, 2888, 3047, 3077, 3177, 3198, 3232, 3426, 3475, 3500, 3532, 3613, 3624, 3790, 3808, 3820, 3864, 3884, 4008, 4068, 4215, 4340, 4569, 4576, 4891, 5006, 5124, 5293, 5303, 5390, 5416, 5604, 5727, 5735, 5751, 5754, 5845, 6414, 6448, 6604, 6806, 6880, 6882, 7207  
**KIDNEY FAILURE, CHRONIC:** 23, 705, 816, 1100, 1170, 1243, 1588, 1655, 1806, 2568, 3077, 3177, 3570, 3790, 4430, 4453, 4887-4889, 5226, 5238, 5293, 5554, 6356, 6448, 6806, 7207  
**KIDNEY FUNCTION TESTS:** 387, 549, 1170, 1750, 2888, 3808, 5727, 5824, 6414, 6507  
**KIDNEY GLOMERULUS:** 349, 582, 738, 747, 764, 1086-1087, 1134, 1549, 1708, 2099, 2714, 2749, 2888, 3116, 3176, 3564, 3885, 3907, 3923, 3926, 4328, 4340, 5003, 5426, 5755, 5878, 5950, 6073, 6137, 6189, 6300, 6414, 6608, 6736, 6921, 7176  
**KIDNEY NEOPLASMS:** 90, 1106, 1577, 1882, 1935, 2173, 2347, 2618, 2647, 2712, 2919, 3059, 3144, 3324, 3745, 3780, 3794, 3810, 4035, 4140, 4153,



# SUBJECT INDEX

4208, 5098, 5445, 5491, 5928, 6253-6254, 6338, 6482, 6939, 7118, 7131  
 KIDNEY PAPILLARY NECROSIS: 1806, 4576, 6482  
 KIDNEY PELVIS: 1234, 1770, 3073, 3243, 3780, 5392, 5445  
 KIDNEY, POLYCYSTIC: 1069, 7126  
 KIDNEY TUBULES: 24, 175, 1118-1119, 2179, 2201, 2211, 2663, 3134, 3722, 3926, 4576  
 KINETICS: 139, 190, 199, 224, 249-250, 302, 312, 335, 373, 444, 515, 521, 559, 563, 611, 637, 648, 771, 782, 807, 861, 914, 951, 953, 1033-1034, 1051, 1088, 1122, 1159, 1211, 1240, 1246, 1261, 1264, 1272, 1276, 1301, 1303, 1345, 1427, 1550, 1628-1629, 1644, 1667, 1693, 1696, 1763, 1795, 1798, 1808, 1874, 1902, 1961, 1976, 2004, 2033, 2049, 2063-2064, 2135, 2182, 2225, 2288, 2305, 2307, 2353, 2400, 2424, 2430, 2438, 2444, 2538, 2565, 2576, 2598, 2617, 2622, 2716, 2747, 2757, 2804, 2810, 2876, 2941, 2974, 2983, 2988, 3008, 3019, 3048-3049, 3067, 3079, 3104, 3139, 3153, 3184, 3193-3194, 3356-3357, 3371, 3393, 3410, 3450, 3454-3455, 3460, 3485, 3523, 3565, 3619, 3628, 3653-3654, 3695, 3708, 3712, 3742, 3850, 3945, 3989, 4038-4039, 4074, 4158, 4161, 4224, 4240, 4265, 4311, 4373-4375, 4506, 4529, 4537, 4683, 4714, 4735, 4759, 4762, 4771, 4930, 5000, 5011, 5038, 5047, 5077, 5086, 5106-5107, 5257, 5285, 5322, 5351, 5384, 5400-5401, 5405, 5407, 5444, 5462-5463, 5498, 5557, 5623, 5741, 5771, 5787, 5794, 5858, 5918, 5922, 5938, 5940, 5945, 6019, 6064, 6090-6091, 6118, 6178, 6280, 6313, 6335, 6341, 6394-6395, 6454, 6512, 6553, 6556, 6591, 6615, 6617, 6631-6632, 6650, 6723-6724, 6752, 6791, 6806, 6820, 6928, 6970, 6999-7000, 7060, 7103, 7112, 7203  
 KINETOCARDIOGRAPHY: 2954  
 KININS: 8, 171, 179, 181, 218-219, 290, 596-597, 749-750, 927, 1099, 1124, 1452, 1483, 1540, 1711, 1817, 1819, 2280, 2294, 2377-2378, 2485, 2534-2537, 2563, 2866, 2944, 3083, 3087, 3122, 3174-3175, 3308, 3473, 3888, 4004, 4406, 4666, 4697-4701, 4755, 4898, 5128, 5298, 5687, 5756, 5786, 5885, 5916, 6092, 6109, 6210, 6274, 6283, 6354, 6605, 6916, 7224  
 KIRGHIZIA: 5822  
 KLEBSIELLA: 2202, 2644, 6973  
 KLEBSIELLA INFECTIONS: 1173  
 KLINFELTER'S SYNDROME: 2269, 6976  
 KNEE: 69, 1868, 5720  
 KNEE INJURIES: 1487, 2316  
 KNEE JOINT: 161, 591, 1184, 2117, 2909, 3311, 3707, 3824, 6178, 6447, 6570, 6572  
 KREBS CYCLE: 321, 1112, 1245, 1394, 2327, 2933, 3027, 3136, 3471-3472, 4586, 4714, 7158  
 KRYPTON: 5334, 5782  
 KYPHOSIS: 1459

## L

L CELLS: 612, 945, 1024, 1235, 1883, 2101, 3524, 4910, 5091, 6014, 6130  
 L FORMS: 127, 4670  
 LABOR: 391, 650-651, 964, 2085, 3219, 3869, 4171, 4207, 4929, 5008, 5641, 5886, 6813  
 LABOR COMPLICATIONS: 268, 316, 580-582, 797, 917, 1196, 1558, 1875, 2018, 2357, 3042, 3820, 3846, 3884, 4107, 4345, 4490, 4617, 5028, 5452, 5894, 6541, 6593, 6711, 7106  
 LABOR, INDUCED: 86, 2146, 3702, 5978  
 LABOR, PREMATURE: 3149, 4582  
 LABOR PRESENTATION: 323, 2018  
 LABORATORIES: 1073, 3265, 7192  
 LABORATORY INFECTION: 3620  
 LABYRINTH DISEASES: 1840, 6081, 6162  
 LABYRINTHINE FLUIDS: 2842  
 LACTATE DEHYDROGENASE: 815, 986, 1019, 1199, 1201, 1320, 1454, 1473-1474, 1487, 1525, 1545, 2462, 2522, 2539-2541, 2657, 2659, 2661, 2946, 3194, 3246, 3320, 3519, 4568, 4780, 4798, 4839, 5042, 5375, 5377-5378, 5512, 5619, 5753, 6105, 6169, 6202, 6459, 7036, 7178, 7259  
 LACTATE DEHYDROGENASE ISOENZYMES: 384, 2433, 2753, 3253, 4780, 5512, 6360  
 LACTATES: 384, 557, 859, 934, 1016, 1064, 1131, 1139, 1394, 1445, 1473, 2197, 3066, 3136, 3471-3472, 3498, 3737, 3825, 4405, 4500, 4688, 5000, 5042, 5181, 5503, 6100, 6260, 6515, 6619, 7005, 7027, 7158, 7164  
 LACTATION: 2354, 4141, 4406, 4895, 6553

LACTOBACILLUS: 2675, 4566, 6440, 6722  
 LACTOGLOBULINS: 1029, 4741, 5355, 6998  
 LACTONES: 275, 530, 868, 3776, 6740  
 LACTOSE: 2826, 5307, 5791, 6553  
 LAMINECTOMY: 778, 1861, 1866-1867, 3902, 4539, 6012  
 LANATOSIDES: 6830  
 LANGUAGE DISORDERS: 236  
 LANOLIN: 3881  
 LANTHANUM: 3512, 6931  
 LAPAROTOMY: 244, 434, 566, 673, 1101, 1234, 1379, 1916, 2466, 2567, 3702, 3799, 4041, 4216, 4235, 4550, 5140, 5440, 5488, 6766, 7078  
 LARVA: 1135, 1400, 1408  
 LARYNGEAL CARTILAGES: 1560, 6108  
 LARYNGEAL DISEASES: 2287, 2867, 4299, 6762  
 LARYNGEAL NEOPLASMS: 359, 431, 992, 1396, 1560, 2222, 2867, 3376, 4132, 4650, 5042, 5092, 8782  
 LARYNGECTOMY: 490  
 LARYNGITIS: 1560, 2867, 4936, 6762  
 LARYNGOSTENOSIS: 1898  
 LARYNX: 1081, 1560  
 LASER COAGULATION: 3639  
 LASERS: 2476  
 LATERALITY: 3343  
 LATEX FIXATION TESTS: 30, 2969, 4154  
 LATEX PARTICLES: 2662, 2950-2951, 2974, 3471-3472, 3833, 4165, 4419, 4452, 6591  
 LATHYRISM: 332, 864  
 LATVIA: 7148  
 LE CELLS: 5151  
 LEAD: 1511, 2201, 2747  
 LEAD POISONING: 1387, 2201, 6252  
 LECITHINS: 163, 203, 373-374, 1053, 1111, 1319, 1464, 2335, 2481, 3213, 4749, 5145, 5457, 5854, 6077, 6127, 6538, 6989  
 LEECHES: 1920  
 LEG: 265, 267, 276, 345, 351, 453, 625, 672, 1172-1173, 1217, 1267, 1362, 1366, 1497, 1499, 1617, 1781, 1894, 1912, 2031, 2071, 2074, 2194, 2196, 2316, 2477, 2514, 2874, 3022, 3026, 3062, 3110, 3278, 3444, 3718, 3734, 3795, 3996, 4082, 4124, 4211, 4428-4429, 4460, 4479, 4487, 4680, 4744, 4843, 4849, 4871, 5030, 5340-5341, 5453, 5469, 5672, 5674, 5704, 5735, 6125, 6214, 6216, 6256, 6329, 6334, 6374, 6405, 6525, 6666, 6805, 7243  
 LEG DERMATOSES: 2196, 3996, 5010, 6374  
 LEG INJURIES: 2334, 6805  
 LEG ULCER: 667, 903, 2191-2192, 4154, 4487, 4900, 6583, 6666  
 LEGISLATION, DRUG: 5717  
 LEGISLATION, MEDICAL: 117, 4788  
 LEIOMYOMA: 280, 883, 1335, 2173, 2196, 2462, 3540, 3575, 3674, 3748, 3996, 4253, 4976, 5396, 5664, 6216, 7150  
 LEIOMYOSARCOMA: 1035-1036, 1167, 1335, 3501, 3575, 3641, 5396, 7150  
 LENGTH OF STAY: 31  
 LENS, CRYSTALLINE: 470, 505, 704, 1052, 1357, 1364, 1899, 3116  
 LENSES: 2476  
 LENTIGO: 313, 1368, 4860  
 LEPTOSPIRO: 251, 1262, 1664, 2454, 4229  
 LEPTOSPIRA: 1181  
 LEPTOSPIRA ICTERHAEMORRHAGIAE: 2005  
 LEPTOSPIROSIS: 1136, 2005  
 LEPTOTHRIX: 2641  
 LEUCINE: 230, 326, 589, 700, 706, 852, 1152, 1482, 1684, 1763, 1978, 2202, 2752, 2797, 2974, 3048, 3183-3184, 3245, 3410, 3584, 3619, 3622, 3664-3665, 3668, 3733, 3924, 3986, 4193, 4529, 4739, 4754, 4846, 5000, 5470, 5551, 5557, 5923, 5945, 6049, 6157, 6335, 6779, 6989, 7101  
 LEUCINE AMINOPEPTIDASE: 169, 348, 376, 713, 750, 1380, 1405, 1624, 2576, 3636, 3945, 4156, 4504, 4601, 5441, 5485, 6105, 6131, 6548, 7115  
 LEUKEMIA: 15, 36, 101, 125, 293, 402, 468, 487, 553, 578, 717, 816, 843, 1145, 1433, 2169, 2337, 2451, 2511, 2544, 2626, 2631, 2730, 2852, 2884, 3028, 3185, 3297, 3411, 3418, 3478-3479, 3558, 3669, 3727, 3768, 3918, 3937, 3976, 4102-4103, 4113, 4270, 4339, 4426, 4591, 4610, 4696, 4809, 4888-4889, 4936, 5042, 5148, 5227, 5409, 5439, 5610, 5757, 5890, 6062, 6106, 6174, 6303, 6404, 6715, 6846, 6937, 7105, 7189, 7210, 7236  
 LEUKEMIA, EXPERIMENTAL: 2805, 5081  
 LEUKEMIA L1210: 7188  
 LEUKEMIA, LYMPHOBLASTIC: 198, 487, 489,

627, 631, 717, 843-844, 1068, 2451, 2511, 2884, 3822, 4614, 4746, 5042, 5414, 5610, 6319, 6887, 7188  
 LEUKEMIA, LYMPHOCYTIC: 285, 439, 1310, 2169, 2967, 3185, 3487, 4103, 4112, 4234, 4884, 4968, 5034, 5042, 5097, 5610, 5940, 6090, 6188, 6863, 7168  
 LEUKEMIA, MONOBLASTIC: 489, 717, 5042, 6319  
 LEUKEMIA, MONOCYTIC: 1039, 3179, 6168, 6319  
 LEUKEMIA, MYELOBLASTIC: 487, 489, 717, 730, 843, 1067-1068, 1088, 1423, 1522, 1605, 2169, 2807, 2884, 3303, 3418, 3453, 3589, 3822, 4100, 4245, 4614, 4674, 4746, 5042, 5142, 5414, 5473, 5610, 6061, 6319, 6442, 6597, 6818, 6887, 6947, 7188  
 LEUKEMIA, MYELOCYTIC: 468, 512, 824, 843, 886, 1404, 1718, 1735, 2169, 2391, 2511, 2519, 3012, 3133, 3303, 3515, 4103, 4292, 4737, 4939, 4964, 5007, 5042, 5090, 5097, 5142, 5175, 5410, 5414, 5444, 5610, 5696, 6088, 6168, 6206, 6285, 6319, 6887, 7226  
 LEUKEMIA, RADIATION-INDUCED: 7081  
 LEUKEMIA, SUBLEUKEMIC: 3453  
 LEUKEMOID REACTION: 5474, 6887  
 LEUKOCIDIN: 2932, 3045, 6910  
 LEUKOCYTE COUNT: 15, 135, 148, 410, 468, 502, 596-597, 775, 824, 967, 1067-1068, 1088, 1109, 1114, 1145, 1382, 1594, 1605, 1613, 1619, 1645, 1654, 1870, 1884, 2027, 2138, 2283, 2391, 2418, 2454, 2519-2520, 2585, 2631, 2636, 2967, 3053, 3121, 3133, 3164, 3418, 3453, 3469, 3581, 3596, 3702, 3721, 3769, 3866, 4050, 4118, 4426, 4557, 4635, 4674, 4765, 4790, 5001, 5206, 5245, 5414, 5517, 5560, 5655, 5712, 5748, 5750, 5917, 6052-6053, 6088, 6090, 6096, 6194, 6206, 6439, 6477, 6489, 6534, 6638, 6704-6705, 6785, 6944, 6951  
 LEUKOCYTES: 15, 118, 126, 148, 179, 184, 208, 254, 287, 293, 342-343, 402, 412, 436, 446, 449, 451, 469, 485, 583, 623, 743, 800, 811, 848, 863, 879, 913, 933, 972, 1014, 1067-1068, 1093, 1110, 1128-1129, 1147, 1269, 1285, 1298, 1363, 1367, 1434, 1522, 1543, 1545, 1581, 1595, 1613, 1717-1718, 1735, 1775, 1790, 1844, 1846, 1883, 1892, 1915, 1989, 2027, 2064-2065, 2068, 2080, 2116, 2138, 2169, 2187, 2208, 2237, 2292, 2355, 2391, 2435, 2481, 2495, 2506, 2519, 2541-2542, 2563, 2640, 2697-2698, 2780, 2731, 2746, 2853, 2894, 2911, 2933, 3121, 3133, 3185, 3358, 3405, 3419, 3487, 3489-3490, 3502, 3550, 3597, 3606, 3646, 3714, 3793, 3839, 3866, 3882, 3912, 3933, 3937, 3960, 4002-4003, 4159, 4197, 4336, 4437, 4470, 4848, 4954, 4964, 4977-4978, 5042, 5055, 5148, 5155, 5166, 5414, 5517, 5560, 5595, 5624, 5770, 5936, 5974-5975, 6005, 6025, 6028, 6057, 6064, 6086, 6088, 6090, 6136, 6168, 6184, 6187, 6208, 6210-6212, 6226, 6243, 6297, 6300, 6314, 6494, 6501, 6606, 6705, 6715, 6846, 6910, 6921, 6959, 6974, 6988, 7082, 7094, 7114, 7176, 7224, 7236, 7259  
 LEUKOCYTOSIS: 466, 623, 1344, 1382, 1654, 2619, 3289, 3358, 3737, 4215, 5662, 6658, 6704-6706  
 LEUKOPENIA: 93, 320, 905, 1025, 1254, 1543, 1654, 1750, 1887, 2116, 2138, 2273, 2277, 2300, 2363, 2488, 2563, 2644, 3059, 3418, 3453, 3502, 3646, 3769, 3912, 3918, 4159, 4614, 4982, 5111, 5333, 5566, 5748, 5917, 6187, 6207, 6284, 6699, 6705, 6715, 6771, 6984, 7226, 7228  
 LEUKOPLAKIA: 5315  
 LEUKOPLAKIA, ORAL: 5315  
 LEUKOTAXINE: 179  
 LEVULINIC ACID: 6230  
 LEYDIG CELL TUMOR: 4050  
 LEYDIG CELLS: 2015  
 LH: 376, 2722, 3668, 4368, 4644, 4870, 5415  
 LIBIDO: 5083  
 LICE: 809  
 LICHEN PLANUS: 894, 7280  
 LIDOCAINE: 1206, 2154, 4264, 5720, 6551, 6945  
 LIGAMENTS: 2050  
 LIGAMENTS, ARTICULAR: 2117, 4434  
 LIGASES: 1420, 1682, 2145, 2515, 2797, 2825, 2975, 3347, 3733, 3844, 4555, 4852, 5854, 6167, 7203  
 LIGHT: 274, 475, 782, 810, 915, 1265, 1478, 1536, 1627, 1996, 2025, 2116, 2127, 2159, 2628, 2963, 3844, 3854, 3898, 4031, 4598, 5119, 5914, 6158  
 LIGHT COAGULATION: 1536, 1881, 1899, 2476, 3548, 5708, 6902, 7129  
 LINKAGE (GENETICS): 5512, 5619, 7259  
 LINOLEIC ACID: 162, 356, 575, 2817, 4610, 5020, 5245, 5336, 5339, 5854, 6077, 6127, 6830, 6956



# SUBJECT INDEX

- LINSEED: 3238, 6865-6866  
LIP: 790, 1262, 5806  
LIP NEOPLASMS: 228, 547, 1373, 2647, 3329, 4410, 5698, 6719, 7118  
LIPASE: 203, 263, 269, 309, 428, 596-597, 684, 765, 820, 825, 966, 1021, 1400, 1561, 1660, 1769, 1799, 1809, 1830, 1879, 1905, 2015, 2104, 2120, 2129-2130, 2134, 2238, 2279, 2439, 2456, 2552, 2782-2783, 2932, 2946, 3010, 3153, 3285, 3318, 3608, 3623, 3631, 3677, 4091, 4261, 4270-4271, 4357, 4441, 4508, 4833, 4892-4894, 4932, 5187, 5317, 5603, 5794, 5831, 5953, 6270, 6359, 6367-6368, 6394, 6433, 6672-6674, 6748, 6821, 7085, 7171, 7214  
LIPID METABOLISM, INBORN ERRORS: 356, 1155, 3992, 5941  
LIPID MOBILIZATION: 315, 987, 1975, 6048  
LIPIDS: 7, 38-39, 105, 162-163, 169, 182, 200, 263, 311, 319, 374, 446, 477, 575, 644, 657, 727, 875, 902, 921, 1011, 1027, 1070, 1111, 1120, 1155, 1186, 1205, 1210, 1220, 1245, 1294, 1398, 1402, 1514, 1547, 1555-1556, 1587, 1592, 1603, 1623-1625, 1720-1722, 1741, 1744, 1843, 1851, 1929, 1942, 1946, 1975, 2008, 2029, 2080, 2106, 2115, 2332, 2372, 2399, 2427, 2443, 2456, 2521, 2749, 2845, 2865, 2908, 2992, 3090, 3167, 3202, 3254, 3320, 3354, 3402, 3417, 3529, 3582, 3638, 3870, 3875, 3914, 4018, 4031, 4123, 4133, 4261, 4285, 4334, 4366, 4385, 4409, 4449, 4485, 4514, 4610, 4627, 4656, 4696, 4704, 4731-4732, 4736, 4749, 4802, 4879, 4916, 4932, 5020, 5022, 5035, 5057, 5083, 5130, 5138, 5144-5145, 5164, 5279, 5314, 5320, 5339, 5376, 5378, 5395, 5422, 5506, 5553, 5568-5569, 5582, 5584, 5671, 5687, 5773, 5775, 5831, 5835, 5854-5855, 5941, 5992, 6013, 6029, 6128, 6242, 6301, 6308, 6319, 6327, 6433, 6498, 6538, 6586, 6661, 6682, 6792, 6858, 6865-6866, 6897, 6905, 7021, 7128, 7148, 7160, 7173  
LIPOAMIDE DEHYDROGENASE: 1601  
LIPOCHONDRODYSPLASIA: 1144, 1796, 2709, 3492, 4763, 6093, 6479  
LIPODYSPLASIA, INTESTINAL: 4275, 6858  
LIPOIDOSIS: 6971  
LIPOMA: 1435, 1882, 1935, 1955, 2324, 2347, 2936, 3324, 3387, 3575, 3674, 3794, 4140, 4208, 4404, 5082, 5098, 5136, 5396, 5491, 5864, 6388, 6719, 6837  
LIPOMATOSIS: 2324, 3780, 5432  
LIPOPOLYSACCHARIDES: 130, 450, 2399, 2640, 3210, 3518, 4198, 4239, 4446, 6549, 6689  
LIPOPROTEIN LIPASE: 41, 315, 545, 644-645, 657-658, 705, 765, 1444, 1592, 1661, 1720-1722, 1798-1799, 1946, 1975, 2238, 2240, 2307, 2372, 2456, 2737, 2776, 2780, 2829, 3120, 3167, 3257, 3417, 3545, 3623, 3736, 3791, 3969, 4056, 4091, 4261, 4503, 4546, 4559, 4589, 4650, 4672, 4741, 4749, 4879, 5314, 5325, 5486, 5723, 5831, 5855, 5884, 6029, 6209, 6472, 6922, 7101, 7178  
LIPOPROTEINS: 6, 40, 178, 278, 356, 412, 474, 575, 727-728, 853, 1055, 1070, 1077, 1266, 1444, 1556, 1624-1625, 1746, 1798, 1809, 2240, 2521, 2737, 2776, 2883, 3062, 3092, 3120, 3296, 3325, 3402, 3417, 3545, 3597, 3762, 3791, 3818, 4058, 4414, 4586, 4704, 4709, 4723, 4728, 4832-4833, 5007, 5094, 5164, 5189, 5202, 5423, 5426, 5726, 5855, 5992, 6029, 6122, 6129, 6156, 6160, 6439, 6460, 6505, 6551, 6784, 6922, 6978, 6989, 7021, 7146  
LIPOSARCOMA: 2173, 3575, 4459, 4577, 5396, 7150  
LIPOSTROPIC FACTORS: 3871, 5626  
LISTERIA MONOCYTOGENES: 5917, 6327  
LITHIUM: 164, 4454-4455, 5000, 6533  
LIVER: 23, 99, 183, 199, 201, 247, 281, 287, 295, 301, 329, 333, 361, 384, 392, 406-407, 411, 441, 455, 477, 481, 494, 533, 538, 544, 576, 578, 580, 582, 604, 685, 694-695, 703, 769, 772, 787, 809, 815, 822, 825, 950, 976, 1006, 1060, 1064, 1069-1070, 1082, 1085, 1090, 1109, 1114, 1136, 1185, 1199, 1219, 1241, 1246, 1270, 1326, 1349, 1372, 1402, 1419, 1438, 1445, 1471, 1508, 1511, 1517, 1523, 1525, 1543, 1546, 1604, 1607, 1627, 1692, 1702-1703, 1749, 1774, 1791, 1844, 1846, 1863, 1867, 1904, 1961, 1971-1972, 1986, 1989, 2000-2001, 2015, 2018, 2026, 2052, 2084, 2094, 2121-2122, 2157, 2204, 2224-2225, 2279, 2292, 2313, 2337, 2342, 2419, 2454, 2456, 2518, 2523, 2538, 2554, 2600, 2602, 2682, 2689-2691, 2697-2698, 2711, 2714, 2718, 2729, 2737, 2746, 2792-2793, 2805, 2818, 2825-2826, 2854, 2881, 2908, 2917, 2958, 2984-2986, 3004, 3008, 3081, 3089-3090, 3109, 3139-3140, 3146, 3179, 3184, 3189, 3192, 3209, 3238, 3241, 3261, 3356, 3362, 3390, 3402, 3410, 3485, 3493, 3519, 3530, 3549, 3582, 3653, 3664-3665, 3684, 3691, 3700, 3705, 3711, 3735, 3800, 3803, 3863, 3871, 3877, 3885, 3887, 3945, 3992, 4009, 4051, 4067, 4086-4087, 4109, 4123, 4141, 4158, 4196, 4226, 4286, 4289, 4379, 4389, 4416, 4503, 4584, 4587, 4590, 4618-4619, 4638, 4656, 4705, 4734, 4754, 4781, 4783, 4792, 4808, 4822, 4834, 4845, 4925, 4969, 4971, 4977-4978, 4991, 5016, 5066, 5144-5145, 5226, 5245, 5256, 5270, 5274, 5276, 5314, 5336, 5369, 5379, 5381, 5399, 5415, 5422, 5485, 5481, 5513, 5585, 5593, 5651, 5659, 5661, 5755, 5768, 5770, 5790, 5793-5794, 5796, 5820-5821, 5842-5843, 5855, 5888, 5895, 5897, 5941, 5953, 5957, 5972, 5979, 5981-5983, 5990, 5994, 6010, 6043, 6059, 6062, 6110, 6112, 6135, 6184, 6192, 6241, 6243, 6256, 6390, 6395, 6414, 6416, 6420, 6465, 6473, 6475, 6477, 6490, 6521, 6553, 6561, 6568, 6638, 6642, 6655, 6661, 6705-6706, 6708, 6811, 6831, 6840, 6878, 6885-6886, 6899, 6929, 6959, 6972, 6989, 7000, 7046, 7054, 7069, 7101, 7107-7108, 7123, 7143, 7184, 7189  
LIVER CIRCULATION: 411, 456, 759, 1064, 1445, 1547, 1900, 2026, 4010, 5274, 5763, 6010, 6568, 8813  
LIVER CIRRHOSIS: 54, 288, 392, 472, 707, 994, 1032, 1291, 1359, 1525-1526, 1547, 1557, 1655, 1692, 1721, 1767, 1786, 1821, 1825, 1993, 2016, 2122, 2134, 2482, 2689, 2735, 3053, 3356, 3411, 3429, 3558, 3570, 3684, 3976, 3984-3985, 4010, 4975, 5035, 5252, 5667, 5799, 5855, 5941, 6209, 6425, 6456, 6627, 6839, 6908, 6959, 6977, 7054, 7144  
LIVER CIRRHOSIS, OBSTRUCTIVE: 5869  
LIVER CIRRHOSIS, POSTNECROTIC: 695  
LIVER DISEASES: 124, 133, 287, 361, 455-456, 477, 479, 489, 538, 566, 631, 923, 927, 950, 986, 994, 1124, 1155, 1309, 1491, 1525, 1600, 1741, 1767, 2122, 2170, 2212, 2226, 2277, 2337, 2451, 2492, 2554, 2656, 2746, 2990, 3089, 3146, 3350, 3799, 3883, 3920, 4120, 4139, 4409, 4568, 4696, 4820, 4887-4889, 5267-5268, 5659, 5743, 5855, 5897, 6078, 6218, 6302, 6312, 6361, 6420, 6571, 6677, 6697-6698, 6806, 6886, 6959, 6982-6983, 7241, 7267  
LIVER DISEASES, PARASITIC: 2290, 2554  
LIVER EXTRACTS: 928, 2992, 3549, 4051, 7181  
LIVER FUNCTION TESTS: 23, 387, 1064, 1109, 1131, 1309, 1767, 2017, 2122, 2216, 2511, 2585, 2599, 2718, 3799, 3848, 3920, 4236, 4432, 4568, 4656, 4696, 5083, 5095, 5270, 5272, 5274, 5465, 5994, 6899, 6972, 6977, 7054  
LIVER GLYCOGEN: 1592  
LIVER NEOPLASMS: 37, 124, 295, 361, 392, 456, 606, 787, 994, 1069, 1309, 1521, 1687, 1893, 1900, 1965, 1981, 2173, 2313, 2554, 2618, 2647, 2836, 2852, 3059, 3139, 3144, 3179, 3349-3350, 3617, 3935, 3962, 3968, 3976, 4284, 4457, 4590, 4881, 5081-5082, 5113, 5269-5270, 5333, 5537-5538, 5872, 5874, 6078, 6345-6346, 6409, 6490, 6831, 6839, 6934, 7046  
LIVER REGENERATION: 295, 822, 2026, 3081, 4431, 4875, 5895, 6243  
LIZARDS: 4909, 5007  
LOCOMOTION: 2031, 3462  
LOEFFLER'S SYNDROME: 468  
LONG-ACTING THYROID STIMULATOR: 963, 4684  
LONG TERM CARE: 93, 882, 2884, 4219  
LONGEVITY: 190  
LOUISIANA: 3414, 6234  
LUBRICATION: 818  
LUCIFERASE: 2113, 2407  
LUCIFERIN: 2407  
LUMBAR VERTEBRAE: 723, 778, 1321, 1866, 2936, 6012, 6186, 6888  
LUMBOSACRAL PLEXUS: 2979  
LUMBOSACRAL REGION: 2899, 5674, 5720  
LUMINESCENCE: 944, 6975  
LUNG: 76, 120, 201-202, 237, 259, 333, 371, 405, 413, 468, 474, 496, 530, 652, 835, 1087, 1235, 1246, 1313, 1438, 1571, 1876, 1887, 1921-1922, 1924, 1986, 2032, 2037, 2144, 2315, 2337, 2418, 2496, 2664, 2682, 2692, 2740, 2747, 2818, 3121, 3192, 3232, 3308, 3520, 3573, 3607, 3705, 3797, 3871, 3885, 3887, 3963, 4109, 4395, 4438, 4553, 4563, 4573, 4705, 4734, 4808, 4971, 4991, 5179, 5254, 5296, 5476, 5481, 5582, 5584-5585, 5714, 5740, 5766, 5979, 5981-5983, 5990, 6037, 6100, 6110, 6136-6137, 6177, 6227, 6253, 6256, 6285, 6390, 6394, 6414, 6437, 6642, 6706, 6784, 6955, 7249, 7264  
LUNG ABSCESS: 231, 1047, 3258, 3306, 4227, 7267  
LUNG COMPLIANCE: 6177, 6495  
LUNG DISEASES: 160, 231, 530, 573, 842, 1258, 1466, 1686, 1732, 1737, 1878, 2037, 2086, 2150, 2262, 2320, 2543, 2786, 3122, 3290, 3306, 3335, 3552, 3676, 3825, 4862, 4925, 4942, 5179, 5296, 5760, 5823, 5930, 5964, 6302, 6671, 7014, 7220, 7239  
LUNG DISEASES, FUNGAL: 2337, 7267  
LUNG DISEASES, PARASITIC: 2290  
LUNG NEOPLASMS: 12, 63, 160, 646, 716, 760, 939, 1527, 1687, 2037, 2173, 2315, 2340, 2376, 2618, 2647, 2836, 2852, 3144, 3249, 3258, 3570, 3607, 3674, 4253, 4590, 4650, 4862, 5081-5082, 5142, 5425, 5596, 5664, 5823, 5942, 6217, 6253-6254, 6345, 6657, 6699, 6729, 6831, 6974, 7229, 7264  
LUPUS ERYTHEMATOSUS, DISCOID: 2248  
LUPUS ERYTHEMATOSUS, SYSTEMIC: 143, 176, 240, 514, 578, 792, 1182, 1494, 2120, 2195, 2247-2248, 2321-2322, 2512, 2705, 2918, 2969, 3479, 3646, 3933, 3976, 4461, 5051, 5667, 5799, 6084, 6540, 6787, 6857  
LUTETIUM: 3512  
LYASES: 934, 2028, 3450, 3889, 5967, 6105  
LYMPH: 218-219, 402, 801, 1245, 1565, 1873, 1986, 2404, 2420, 2542, 3354, 3458, 5324, 6747, 7047, 7098  
LYMPH NODE EXCISION: 192, 3561  
LYMPH NODES: 192, 254, 284, 361, 437-438, 494, 762, 1698, 2052, 2155, 2221, 2321-2322, 2542, 2795, 2967, 3179, 3418, 3799, 3963, 4286, 4516-4517, 4765, 4808, 4906, 4911-4912, 4946, 5042, 5147, 5227, 5255, 5525, 5843, 6114, 6533, 7089, 7264  
LYMPHADENITIS: 4166  
LYMPHANGIECTASIS: 5556  
LYMPHANGIOMA: 1335, 1373, 1955, 2196, 3282-3283, 3536, 3996, 3999, 4253, 5396, 6148, 6387, 7260  
LYMPHANGIOSARCOMA: 5396  
LYMPHANGITIS: 2196, 3996  
LYMPHATIC DISEASES: 1404, 1433, 2195, 4814, 5111, 6284  
LYMPHATIC METASTASIS: 192, 995, 1832, 3179, 5082, 6215, 6699, 6981, 7264  
LYMPHATIC SYSTEM: 4192, 4428, 6695, 6805  
LYMPHEDEMA: 1582, 2196, 2477, 3159, 3211, 3996  
LYMPHOCYTE TRANSFORMATION: 254, 284, 550-551, 1024, 1370, 1698, 2222, 2512, 3577, 3866, 4118, 4716, 4769, 5041, 5088, 5418-5419, 6057, 6247-6248, 6385, 6502, 7040  
LYMPHOCYTES: 141, 149, 284, 287, 342-343, 405, 438, 494, 550-551, 933, 1024, 1088, 1121, 1298, 1417, 1643, 1698, 1790, 1884, 2052, 2116, 2138, 2222, 2319, 2383, 2435, 2512, 2544, 2559, 2726, 2952, 2973, 3185, 3205, 3405, 3577, 3866, 3868, 4115, 4118, 4146, 4148, 4152, 4234, 4620, 4716, 4765, 4769, 4772, 4790, 4884, 4911, 4961, 4980, 5034, 5041, 5088, 5180, 5418-5419, 5917, 5930, 6057, 6089-6090, 6210, 6247-6248, 6288-6289, 6385, 6389, 6444, 6496-6497, 6502, 6584, 6624, 6638, 6705, 6899, 7012, 7040, 7067, 7089  
LYMPHOCYTOSIS: 23, 5227, 5748  
LYMPHOGRAPHY: 2189, 2477, 3799, 4428, 6148  
LYMPHOID TISSUE: 284, 494, 1128, 1254, 1427, 2138, 2155, 2319, 5034  
LYMPHOMA: 471, 646, 816, 1254, 1335, 1404, 1437, 2120, 2451, 2626, 2967, 3479, 3520, 3684, 3976, 4112, 4253, 4696, 4809, 5610, 5757, 6404, 6592, 7189  
LYMPHOMA, GIANT FOLLICULAR: 1036, 2076  
LYMPHOPENIA: 284-285, 1344, 2138, 4696, 4765, 6704-6706, 6715, 7089  
LYMPHOSARCOMA: 439, 1035-1036, 1254, 1433, 2451, 2953, 2967, 3536, 5082, 5409, 5664, 6284, 6425  
LYNESTRENOL: 2372, 4398  
LYSINE: 318, 326, 706, 727-728, 860, 951, 979, 1001, 1152, 1341-1342, 1345, 1354, 1364, 1607, 1628, 1684, 1924, 2157, 2221, 2229, 2353, 2621, 2633, 2638, 2655, 2716-2717, 2748, 2759, 2813-2814, 2864, 2951, 2958, 3013-3014, 3044, 3460, 3523, 3530, 3648, 3650, 3711, 4060, 4119, 4149, 4177, 4225, 4312, 4538, 4572, 4663, 4913, 5066, 5246, 5262, 5536, 5547, 5557, 5649, 5771, 5974, 6002,



# SUBJECT INDEX

6154, 6167, 6171, 6341, 6461, 6518, 6545, 6684, 6783, 6820, 6999, 7004, 7033, 7133  
 LYSOGENY: 517-518, 1879, 2887, 6049  
 LYSOLECITHIN: 203, 652, 5457, 5854  
 LYSOSOMES: 122, 263, 310, 492, 546, 815, 1320, 1367, 1915, 1961, 2279, 2481, 2508, 2563, 2603, 2661, 2697-2698, 2911, 3606, 3623, 4433, 4486, 4589, 5356, 5378, 5591, 5660, 6168, 6184, 6350, 6385, 6473, 6487, 6553, 6619, 6825, 6858, 6988, 7122  
 LYSOSTAPHIN: 6011, 6853

## M

MACROGLOBULINEMIA: 949, 2118, 2544, 2763, 2849, 3046, 3120, 3276, 3684, 3892, 4112, 4164, 4332, 4349, 4418, 4968, 5079, 5142, 5205, 5610, 5930, 6461, 6906, 7028, 7153, 7168  
 MACROGLUCURONIN: 154, 178, 422, 949, 1113, 1825, 2118, 2544, 2831, 3046, 3524-3525, 3747, 4062, 4112, 4169-4173, 4296, 4349, 4360-4361, 4493, 4880, 5071, 5384, 6312-6313, 6875, 6898, 6943, 7047, 7081, 7247  
 MACROMOLECULAR SYSTEMS: 66, 174-175, 373, 406, 829, 1161, 2872, 4446, 4500, 5381, 5420, 5815, 6724  
 MACROPHAGES: 118, 263, 485, 655, 847, 1014, 2268, 2697, 2726, 2934, 3577, 3606, 3623, 3696-3697, 3833, 3977, 4275, 4545, 5240, 5418-5419, 6465, 6591, 6696, 6858, 7084  
 MACULA LUTEA: 1899, 2476, 2735, 5319, 6492  
 MAGNESIUM: 191, 250, 668, 853, 892-893, 1107, 1464, 1473, 1511, 1551, 1572, 1575, 1902, 2133, 2153, 2445, 2539, 2599, 2704, 2743, 2941, 3109, 3490, 3574, 3619, 3685, 3711, 3844, 3966, 4024, 4115, 4536, 4566, 4670, 4713-4714, 4878, 5119, 5170, 5323, 5351, 5380, 5523, 5546, 5623, 5787, 5794, 5945, 5974, 6143, 6166, 6179, 6190, 6230, 6557, 6617, 6875, 6890, 6938, 7049, 7115, 7165  
 MAGNESIUM DEFICIENCY: 1572, 1575, 6179  
 MAGNESIUM SULFATE: 1016, 5561, 6988  
 MAGNETICS: 358, 743, 4450, 5063  
 MALABSORPTION SYNDROMES: 225, 253, 2492, 4409, 4624, 6302, 6484, 7214  
 MALARIA: 259, 665, 905, 1326, 1432, 3532-3533, 4569, 5668, 5773, 6477  
 MALATE DEHYDROGENASE: 1199, 1454, 1601, 1864, 2522, 2933, 3246, 3320, 4433, 5512, 5619, 5753, 7036  
 MALATES: 372, 384, 1394, 2984, 4861, 6964, 6999  
 MALAYSIA: 1056  
 MALE: 1, 8-9, 12, 14, 16, 21, 23-24, 31, 35-37, 42, 44, 46, 48-50, 58, 64-65, 69, 71-72, 79, 82, 85, 88, 90-91, 97, 102-103, 106, 109-110, 120, 122, 126-127, 129, 132-133, 135, 146-147, 152-153, 160, 163-167, 170, 173, 175, 185, 187, 194, 197, 201-202, 207, 209-210, 214, 218-219, 227, 230-231, 234-236, 240, 242, 246-248, 251, 253-254, 257, 259, 267, 272, 278, 279, 282, 288, 294-296, 303, 306, 311, 314-315, 319-320, 323, 340, 345, 350, 353-355, 359, 361, 367, 372, 374, 381-385, 391, 393, 397-401, 405-406, 410, 412-414, 418-419, 421, 428, 432-433, 436, 440-443, 445, 447, 453-456, 466, 468, 471-473, 478, 484, 487-488, 494, 497-498, 502, 504, 510, 512, 519, 530, 534-536, 538-540, 547-548, 557, 560, 564, 573, 577-578, 590-591, 600, 604, 606-607, 614, 616, 621-622, 626-627, 645-647, 652-653, 662, 665, 668, 673-674, 678, 687, 695, 710, 716-717, 722, 725, 729-730, 734-739, 743, 745, 751-753, 755, 760, 768, 772, 775, 778, 784, 786, 789-791, 798-799, 801, 803, 808-809, 815, 822-826, 835, 843, 848, 851, 855, 881, 886, 896, 899, 905, 909, 913, 916, 922, 925, 927, 934, 938, 942, 947, 952, 954-955, 960, 970, 974-976, 982-983, 995-996, 1002-1003, 1006, 1010, 1015, 1018, 1020-1022, 1026, 1031-1032, 1035, 1037-1039, 1042, 1047, 1050, 1053, 1055-1056, 1061-1062, 1068-1071, 1080-1081, 1085, 1088, 1094-1095, 1100-1102, 1104, 1106, 1110, 1116, 1124, 1128, 1130, 1134, 1136, 1145-1147, 1151, 1164, 1167, 1170, 1172-1173, 1175, 1181, 1184, 1193-1194, 1197, 1204-1205, 1207-1210, 1213-1215, 1220-1222, 1228-1228, 1234, 1243, 1246, 1250, 1252-1254, 1258, 1258, 1262, 1266, 1270, 1279-1280, 1286, 1291, 1293, 1305-1306, 1308-1310, 1314, 1317, 1322-1323, 1325-1326, 1334-1336, 1339, 1349, 1352, 1359, 1361, 1365-1366, 1368-1370, 1378, 1378-1379, 1383, 1386-1389, 1395, 1398-1399, 1415, 1418, 1423, 1426, 1429-1432, 1435, 1437, 1443-1444, 1451-1453, 1466, 1485, 1489, 1497-1500, 1502, 1508, 1513, 1518,

1522, 1524-1525, 1527, 1529, 1538, 1547, 1549, 1552, 1554-1557, 1559  
 1560-1561, 1568, 1571, 1575, 1577, 1582, 1584, 1586, 1592, 1598, 1598, 1601, 1605-1606, 1609-1611, 1627, 1634, 1639, 1641, 1645, 1658-1660, 1665-1666, 1669, 1671-1673, 1675, 1684, 1691, 1693-1694, 1699, 1701, 1703-1704, 1706-1707, 1712, 1718, 1721-1722, 1728, 1733-1736, 1744, 1746-1748, 1752, 1754, 1757-1758, 1764, 1767, 1771-1772, 1774, 1778, 1780-1782, 1786-1787, 1796, 1798-1799, 1806-1807, 1810-1813, 1819, 1827, 1830-1831, 1836-1839, 1842, 1845, 1847, 1852, 1856-1857, 1859-1860, 1863, 1866, 1870, 1872-1873, 1877, 1886, 1890, 1893, 1896-1897, 1899-1900, 1904, 1906, 1908-1910, 1913-1914, 1917, 1926, 1929, 1934, 1940, 1945, 1947-1948, 1950, 1954-1956, 1958, 1962, 1964, 1968-1969, 1973, 1981, 1984, 1986, 1995, 1998-1999, 2003, 2005, 2016, 2018, 2020, 2022, 2024, 2031, 2036-2037, 2040-2041, 2045-2046, 2054-2055, 2061, 2071, 2078, 2080, 2082, 2084, 2086, 2088-2089, 2092, 2095-2097, 2106, 2114, 2116, 2119-2120, 2123, 2127-2130, 2134, 2137, 2143, 2149-2150, 2154, 2164, 2168, 2170, 2174, 2183, 2185, 2188, 2195, 2198-2199, 2201, 2203-2205, 2209, 2220, 2224, 2226-2227, 2231, 2234-2235, 2240, 2245-2246, 2252, 2258, 2262-2263, 2267, 2269, 2275, 2277, 2283, 2286-2287, 2290-2291, 2302-2303, 2311, 2313, 2316, 2318, 2320, 2324, 2332, 2337, 2340, 2342, 2344, 2347, 2356, 2360, 2363-2364, 2366-2368, 2371, 2374-2375, 2381-2382, 2384-2386, 2390-2391, 2394, 2397, 2401, 2414, 2418-2419, 2422, 2424, 2431, 2440, 2443, 2446, 2451-2452, 2454-2455, 2461, 2463-2465, 2478, 2480, 2484, 2488-2490, 2492, 2495, 2497-2499, 2501, 2507, 2510-2512, 2514, 2517-2518, 2522, 2529-2530, 2535-2537, 2543, 2546, 2552-2553, 2555, 2568-2570, 2572, 2577, 2582, 2585, 2587, 2591-2592, 2596, 2599, 2601-2602, 2605, 2608-2609, 2611, 2618, 2625-2627, 2639-2640, 2647, 2656, 2658, 2664-2665, 2671-2672, 2674, 2676-2677, 2688, 2690-2691, 2694, 2698, 2705, 2706, 2709, 2711, 2721, 2728-2729, 2733-2735, 2740, 2742, 2745, 2752, 2755, 2760-2761, 2763, 2774-2776, 2781-2784, 2787-2789, 2793  
 2794-2796, 2798, 2801, 2812-2814, 2818-2819, 2822, 2826, 2829-2831, 2833, 2835-2836, 2841, 2843-2844, 2846, 2852, 2854, 2856, 2861, 2863, 2865-2868, 2870-2871, 2874, 2879, 2889, 2894, 2904, 2908-2909, 2912, 2917-2919, 2923, 2931, 2936, 2938, 2940-2942, 2947, 2954-2955, 2958-2960, 2972-2973, 2975, 2977, 2980, 2982, 2988, 2990, 2992, 2994, 2996-2997, 3001-3003, 3009, 3012, 3022, 3024, 3028-3030, 3033, 3043, 3049, 3051, 3056-3057, 3062, 3071, 3073-3074, 3087-3088, 3090, 3093, 3096-3097, 3099, 3102, 3110, 3113-3114, 3133, 3141, 3143-3144, 3146, 3153-3155, 3161, 3163-3164, 3171-3173, 3177, 3179-3180, 3186-3187, 3190, 3198-3201, 3205-3206, 3208, 3214, 3222, 3229-3230, 3235-3236, 3238, 3249-3250, 3254-3255, 3261-3263, 3266-3268, 3270-3271, 3275-3278, 3281, 3283-3284, 3286-3287, 3290, 3292, 3298, 3302-3303, 3306, 3308-3309, 3311, 3313, 3316-3317, 3320, 3327-3330, 3332, 3343-3345, 3349, 3351-3352, 3356, 3358, 3364-3365, 3368, 3383-3384, 3387, 3391-3392, 3397, 3402-3403, 3406, 3410-3411, 3413, 3416, 3418, 3428, 3435, 3437-3438, 3440-3441, 3444-3445, 3452-3453, 3456, 3459-3460, 3463, 3465, 3468, 3470-3471, 3478, 3480-3481, 3485-3486, 3488, 3492-3493, 3499-3500, 3502-3503, 3506-3508, 3510, 3515, 3519-3521, 3526, 3529, 3532, 3536, 3540-3542, 3545-3546, 3552, 3556-3557, 3563-3564, 3566, 3570, 3576, 3581, 3587, 3589, 3591, 3604-3609, 3611, 3615-3617, 3620, 3633, 3635, 3637, 3640-3641, 3645-3647, 3649, 3651, 3653, 3655, 3660, 3663-3664, 3667, 3669, 3674, 3677, 3679, 3681-3682, 3687, 3689, 3717, 3721, 3725-3726, 3738-3740, 3745, 3747-3750, 3761-3762, 3766, 3769-3771, 3780, 3786-3788, 3792, 3799, 3807-3808, 3810, 3812, 3822-3823, 3829, 3847, 3849, 3852, 3865, 3870, 3877, 3879, 3882, 3884, 3890, 3894, 3897, 3902-3903, 3905, 3909, 3911-3913, 3919, 3929-3930, 3936-3937, 3939, 3944-3948, 3950-3951, 3954-3955, 3963, 3967-3968, 3972, 3977-3979, 3981, 3992, 4004, 4006, 4008, 4010, 4012, 4015, 4018, 4023, 4035, 4043, 4046, 4049, 4051, 4056-4057, 4060, 4065-4066, 4069, 4076-4077, 4084, 4087, 4091, 4093, 4096, 4098, 4100, 4103, 4109, 4113, 4118, 4122, 4126, 4130-4131, 4134-4138, 4145, 4148-4149, 4158-4160, 4166-4167, 4184-4185, 4188, 4196, 4199-4201, 4204, 4215-4216, 4219-4220, 4226-4227, 4229, 4231, 4235-4236, 4238, 4245, 4249, 4262, 4275, 4277, 4281, 4287, 4289, 4296-4297, 4299, 4304, 4306, 4309, 4320, 4322, 4326, 4332,

4336-4340, 4342-4344, 4351-4352, 4355-4356, 4359, 4365, 4367-4368, 4370, 4372, 4379, 4381-4382, 4385, 4388-4389, 4391-4392, 4394-4395, 4404-4405, 4407-4410, 4413, 4416, 4424, 4426, 4429-4430, 4438, 4450, 4457-4460, 4463-4464, 4469, 4474-4475, 4479-4480, 4487, 4498-4499, 4503-4504, 4508, 4514-4515, 4526-4528, 4533-4534, 4539-4540, 4543, 4547-4548, 4554, 4558-4559, 4561, 4569-4571, 4573, 4575-4576, 4578, 4589, 4590-4592, 4599-4600, 4602, 4604-4607, 4610, 4614, 4616, 4619, 4623, 4626, 4634, 4636-4638, 4640-4641, 4645-4647, 4651-4652, 4656, 4661-4662, 4664, 4666, 4668, 4671, 4673, 4677-4678, 4685, 4687-4688, 4696, 4704-4705, 4708, 4710, 4712, 4718, 4720, 4730, 4732, 4737, 4748, 4751, 4761, 4764, 4767, 4769-4771, 4774-4776, 4778, 4784-4785, 4789, 4793, 4795, 4807-4808, 4812, 4814, 4822, 4825-4826, 4832-4833, 4841, 4845, 4849, 4851, 4858, 4860, 4865, 4870-4871, 4873, 4875, 4877, 4881-4883, 4895, 4898, 4900-4906, 4908, 4919, 4921, 4937, 4942, 4946, 4948, 4950-4952, 4958, 4960, 4964-4966, 4977-4979, 4984, 4987, 4989, 4993, 4996, 4999, 5002, 5005, 5024, 5029, 5033, 5035-5036, 5038, 5044, 5056, 5061, 5068, 5075-5076, 5081-5082, 5092, 5094, 5097, 5103, 5117-5118, 5121, 5123, 5126, 5130-5131, 5134-5135, 5137, 5139-5141, 5145, 5149-5150, 5152-5153, 5159-5160, 5164, 5166, 5170, 5182-5184, 5187, 5189, 5192, 5195, 5205, 5209, 5212, 5218, 5224, 5226-5227, 5233, 5236, 5240-5241, 5251, 5253, 5266, 5268-5270, 5274-5277, 5279, 5293, 5300, 5302-5304, 5309-5310, 5313, 5315, 5318-5320, 5322, 5329, 5336-5338, 5342-5343, 5346, 5354, 5365-5366, 5375, 5377, 5386, 5390, 5392, 5394, 5398  
 5404, 5412, 5414, 5416-5417, 5419, 5423, 5444, 5446-5448, 5453, 5457-5459, 5461, 5466, 5468, 5471, 5474, 5478, 5480-5481, 5485, 5488, 5491-5495, 5501, 5505-5506, 5508-5510, 5518-5519, 5521-5522, 5530, 5537-5538, 5542, 5544-5545, 5550, 5553, 5558, 5560, 5565, 5568-5569, 5571, 5576-5579, 5581, 5584, 5586, 5589, 5593-5595, 5600, 5606-5608, 5613, 5616, 5618, 5621, 5625-5626, 5639, 5645, 5651, 5653-5655, 5660, 5662, 5664, 5668, 5673-5674, 5676, 5684, 5687-5688, 5693, 5696, 5699, 5701, 5703-5704, 5708, 5712-5714, 5717, 5719, 5721, 5725-5727, 5729-5730, 5734-5735, 5738, 5742-5743, 5747-5748, 5752, 5754-5755, 5757-5758, 5764, 5770, 5774, 5788, 5790, 5793, 5796, 5801, 5804-5806, 5810, 5814, 5816, 5819, 5824, 5826-5827, 5834, 5838, 5840-5841, 5843, 5848-5849, 5856-5857, 5859, 5862, 5864, 5872, 5881-5884, 5888-5889, 5895, 5899, 5903, 5907, 5909-5911, 5915, 5917, 5920, 5935, 5941-5942, 5946, 5950, 5952, 5956, 5971, 5974, 5977, 5981, 5996, 5998, 6003, 6006, 6010, 6012, 6015, 6019, 6030-6033, 6039, 6052-6053, 6060, 6063, 6066, 6068, 6073, 6078, 6080-8081, 6086, 6088, 6090, 6093, 6098-6099, 6101, 6104, 6107, 6109-6110, 6113, 6117, 6120, 6122, 6125-6126, 6133-6134, 6140, 6148, 6155-6156, 6169-6170, 6177, 6181-6182, 6186, 6192-6194, 6202, 6205, 6207-6209, 6215, 6225-6227, 6231-6234, 6239, 6242, 6253-6254, 6256-6257, 6260, 6266, 6271, 6282, 6284-6285, 6289-6290, 6292, 6294, 6296-6297, 6299, 6301-6304, 6306, 6322, 6324, 6329, 6333-6334, 6338, 6341-6342, 6344-6345, 6347, 6350, 6352-6354, 6356-6357, 6359, 6362, 6365, 6367, 6369, 6374-6376, 6381, 6393-6394, 6396, 6399-6400, 6404-6405, 6407, 6409, 6412-6413, 6416, 6418-6420, 6425-6426, 6431-6432, 6434, 6439, 6442, 6445, 6447-6449, 6451-6452, 6464, 6466, 6469, 6472, 6481, 6483, 6486, 6489, 6493, 6495, 6500, 6503, 6524-6525, 6530, 6536, 6539-6540, 6546, 6550-6552, 6555, 6557-6558, 6563-6564, 6569, 6572, 6574-6576, 6588, 6596, 6605, 6612-6613, 6618, 6621, 6635, 6642, 6649, 6652-6653, 6656, 6663-6664, 6668, 6667, 6669, 6672-6675, 6680, 6684-6688, 6693, 6696-6699, 6701-6702, 6707-6708, 6714, 6716, 6718, 6720, 6723, 6727, 6729, 6737, 6743, 6745-6747, 6749-6750, 6757, 6768-6770, 6774, 6778, 6782, 6785, 6794, 6796-6798, 6803, 6806, 6812, 6822, 6832, 6834-6836, 6839, 6846, 6850, 6852, 6856, 6859, 6862, 6867, 6869, 6871-6872, 6882, 6885, 6887-6888, 6896-6897, 6903, 6908, 6911-6912, 6923, 6925, 6930, 6936-6937, 6942, 6945, 6947, 6950-6951, 6959, 6964, 6970-6971, 6976, 6983-6984, 6993, 6996-6997, 7004-7005, 7009, 7014, 7016-7017, 7023



# SUBJECT INDEX

- 7236, 7238, 7244-7245, 7253, 7263-7264, 7266, 7270, 7275, 7278, 7280  
MALATES: 1140, 1341, 1924, 2257, 3140, 4486, 4824, 5521, 5836, 5968, 6617  
MALIGNANT CARCINOID SYNDROME: 1124, 4128, 6934  
MALINGERING: 59, 2236  
MALONATES: 1755, 3249, 5759, 6644, 6964  
MALT: 1065  
MALTOSE: 5918  
MAMMAE: 4406, 6946, 7101  
MAMMALS: 2892, 6274  
MAMMARY NEOPLASMS, EXPERIMENTAL: 257, 2852, 4151, 4993, 5081-5082, 5541  
MANDELIC ACID: 2452, 5238  
MANDIBLE: 465, 6799  
MANDIBULAR CONDYLE: 3900  
MANDIBULAR FRACTURES: 3900  
MANDIBULAR INJURIES: 1714-1715  
MANDIBULAR NEOPLASMS: 381, 465, 5175, 5928, 6730  
MANDIBULAR PROSTHESIS: 465  
MANGANESE: 366, 878, 977, 1033, 1122, 3371, 3574, 3619, 3804, 3849, 4714, 5787, 7115, 7128  
MANIPULATION, ORTHOPEDIC: 2189  
MANNITOL: 93, 226, 498, 910, 912, 1058, 1849, 2179, 2350, 2519, 2888, 3539, 3625, 3825, 4498, 4784, 5305, 6530, 6842, 6979, 7036  
MANNOSE: 840, 968, 1320, 1340, 1364, 2722, 2738, 2817, 2875, 2895, 3336, 3371, 3910, 3926, 5433, 6467, 6545, 6847, 7069, 7128, 7158  
MANOMETRY: 157, 3331, 4675, 6020, 6650, 7035  
MARFACE: 31  
MARSUPIALIA: 4895  
MARYLAND: 4166  
MASOCHISM: 59  
MASS SCREENING: 2263, 5049, 5198, 6246, 6427, 6911  
MASSACHUSETTS: 3228, 5840  
MAST CELLS: 171, 177, 344, 987, 1228-1230, 1752-1753, 1807, 1835, 2563, 3222, 3825, 3837, 4007, 4147, 4315, 4447, 4486, 4896, 5007, 5044, 5624, 5749, 6210-6212, 6606, 6613  
MASTECTOMY: 5904  
MASTICATORY MUSCLES: 4971  
MASTITIS, BOVINE: 2349, 2506  
MASTOID: 2394, 6852  
MATERNAL AGE: 2146, 6887  
MATERNAL-FETAL EXCHANGE: 131, 579, 1306, 1363, 1530, 2193, 3117, 3456, 3928, 3933, 4171, 4195, 4417, 5527, 5886, 6226, 6300, 6316, 6949  
MATERNAL MORTALITY: 1275, 3414, 4550, 5028, 6949, 7232-7233, 7272  
MATHEMATICS: 43, 62, 98, 426, 602, 951, 1004, 1016, 1302, 1420, 1453, 1631, 1648, 1815, 1910, 2225, 2400, 2598, 2649, 2857, 3125, 3393, 3843, 3916, 4243, 4351, 4401, 4529, 4642-4643, 4668, 4771, 4918, 5045-5046, 5334, 5948, 6151, 6153, 6199, 6245, 6450, 6492, 6926, 6938, 6970  
MAXILLA: 615, 5157  
MAXILLARY ARTERY: 615, 2055, 2058, 2529  
MAXILLARY DISEASES: 7183  
MAXILLARY FRACTURES: 5157  
MAXILLARY NEOPLASMS: 4970  
MAXILLARY SINUS: 1707, 4905  
MAXILLOFACIAL INJURIES: 3787, 5362, 5960  
MEASLES: 96, 443, 551, 4638, 4853, 5522, 5748  
MEASLES VACCINE: 6399  
MEASLES VIRUS: 96, 4853, 5746, 6305  
MEAT: 517-518, 1316, 2449, 3148, 3388, 5504, 5961, 6213  
MEAT-PACKING INDUSTRY: 3148  
MECHLORETHAMINE: 1705, 6648  
MECKEL'S DIVERTICULUM: 1425, 6099  
MECONIUM: 5649, 5984  
MEDIASTINAL CYST: 1146  
MEDIASTINAL DISEASES: 1146, 2592  
MEDIASTINAL NEOPLASMS: 291, 320, 1146, 1560, 1577, 2163, 4650, 5361  
MEDIASTINUM: 1305, 2947  
MEDICAL HISTORY TAKING: 2818  
MEDICAL ILLUSTRATION: 6374  
MEDICAL RECORDS: 1616, 2569  
MEDICATION ERRORS: 683  
MEDITERRANEAN ISLANDS: 7225  
MEDROXYPROGESTERONE: 718  
MEDULLA OBLONGATA: 6034  
MEDULLOBLASTOMA: 1671, 2199, 3075, 5993  
MEFENAMIC ACID: 2188, 6516, 6790, 7191  
MEGACOLON: 4262  
MEGAKARYOCYTES: 466, 886, 1170, 1552, 1593-1594, 2247, 2268, 2423-2425, 2728, 3028, 3033, 3064, 3406, 3459, 3550, 3646, 4009, 4381, 4498, 4505, 4592, 4817, 4951-4952, 5045, 5047, 5097, 5410, 5443, 5511, 6082, 6122, 6597, 6993, 7264  
MEIOSIS: 806, 1137  
MELANESIA: 29  
MELANIN: 3696  
MELANOCYTES: 2176  
MELANOMA: 280, 313, 512, 1035, 1126-1127, 1492, 1613, 2123, 2196, 2338-2340, 2451, 2489, 2833, 3249, 3382, 3392, 3764, 3930, 3996, 4410, 4531, 4626, 4708, 4785, 5142, 5396, 5525, 6616, 6856  
MELANOSIS: 280  
MELENA: 466, 695, 1101, 1425, 2870, 3536, 5041, 6349, 6489, 6757  
MELPHALAN: 466, 1025, 3163, 3375, 3769  
MEMBRANE POTENTIALS: 3488, 3601, 3967, 4014, 4149, 6200  
MEMBRANES: 33, 349, 366, 640, 1000, 1551, 1756, 1961, 2481, 2556, 3393, 3405, 3485, 3837, 4052, 4074, 4675, 5355, 5592, 5602, 5661, 6473  
MEMBRANES, ARTIFICIAL: 371, 724, 1041, 2232, 2346, 2437, 2481, 5196, 6636, 6818  
MEMORY DISORDERS: 235  
MENIERE'S DISEASE: 1280  
MENINGEAL ARTERIES: 4636  
MENINGES: 2293, 3420, 6343, 6588  
MENINGIOMA: 216, 577, 607, 736, 1776, 2422, 2756, 3075, 3382, 3392, 3774, 3812, 4391-4392, 4484, 4543, 4636, 5068, 5142, 5290, 5385, 5409, 5993, 6257  
MENINGITIS: 443, 2397, 3588, 4345, 4936, 7210  
MENINGITIS, MENINGOCOCCAL: 5024  
MENINGITIS, PNEUMOCOCCAL: 3009  
MENINGOCOCAL INFECTIONS: 1955, 5163  
MENINGOCOCAL INFECTIONS: 443, 1002, 1410, 3749, 4211, 4339, 5952  
MENOPAUSE: 3848, 4141, 4644  
MENORRHAGIA: 378, 2334, 3363, 4147, 4791, 7213, 7277  
MENSTRUATION: 378, 2899, 4106, 4147, 4181, 4372, 4397-4398, 7075, 7213  
MENSTRUATION DISORDERS: 2855, 3715-3716, 4141, 5439, 5838, 6620, 6845  
MENTAL DISORDERS: 236, 770, 3137, 3506, 5832  
MENTAL PROCESSES: 2429  
MENTAL RETARDATION: 2709, 2728, 3137, 3492, 3667, 3872, 4271, 5670, 6093  
MEPERIDINE: 1158, 5840  
MEPIVACAINE: 1092, 6551  
MERCAPTOETHANOL: 128, 438, 569, 613, 706, 832, 861, 949, 1089, 1755, 1791, 2225, 2541, 2544, 2549-2550, 2686-2687, 3924, 4119, 4230, 5381, 5714, 5902, 5967-5968, 6146, 6351, 6411, 6465, 6625, 7122  
MERCAPTOETHYLAMINES: 335, 2544  
MERCAPTOPURINE: 1067-1068, 1145, 1353, 1423, 2488, 2512, 2884, 2918, 3365, 3589, 3935, 3937, 4043, 4614, 4674, 4809, 5097, 5414, 5468, 5606-5607, 7188  
MERCURY: 1051, 1105, 1464, 1511, 1901, 2359, 2747, 2912, 2976, 3035, 3460, 4074, 4509, 6204, 6280, 6394-6395, 6553, 7024  
MERCURY ISOTOPIES: 4751  
MERCURY POISONING: 6252, 7024  
MESCALINE: 1296  
MESENCHYMOA: 1335, 2173, 6550  
MESENTERIC ARTERIES: 2, 432, 434, 503, 723, 1080, 1906, 2226, 2507, 2777, 2818, 3110, 3390, 3536, 5113, 6864  
MESENTERIC CYST: 1903, 4295  
MESENTERIC LYMPHADENITIS: 5350  
MESENTERIC VASCULAR OCCLUSION: 681, 1903, 2226, 4124, 4314, 6375, 6839  
MESENTERIC VEINS: 2, 434, 1080, 2226, 2777, 4558  
MESENTERY: 1516, 1687, 2224, 3836, 3963, 4896, 6606-6607  
MESOCOLON: 4216, 4979, 6362  
MESODERM: 3004, 3644  
MESOTHELIOMA: 626, 2173, 3999, 5396, 5766  
MESTRANOL: 718, 1720, 2153, 2372, 3350, 3661, 4173, 4398, 5027  
METABOLIC CLEARANCE RATE: 850, 1176, 1243, 3356, 3519, 4049, 5855  
METABOLIC DISEASES: 287, 1011, 5941  
METABOLISM: 441, 1093, 1338, 1741, 2791, 2933, 3184, 4672, 5615, 6640, 6748, 7270  
METABOLISM, INBORN ERRORS: 442, 934, 1679, 1682, 1738, 1740, 2320, 2772, 3552, 3651, 3680-3682, 3872, 3946, 4764, 4797, 5346, 5366, 5459, 5577, 6302, 6495, 6708, 6714, 6900, 7246  
METALS: 1511, 2197, 2686-2687, 3034, 3049, 3565, 3966, 4265, 4269, 4382, 4880, 5405, 6336, 6341, 6650  
METAMORPHOSIS, BIOLOGICAL: 1517, 5929  
METARAMINOL: 4454-4455, 4854-4855  
METATARSUS: 1644, 1872, 5591, 6125  
METFORMIN: 1757, 2510, 3570, 4188  
METHACHOLINE COMPOUNDS: 6672-6674  
METHACYCLINE: 195  
METHANDROSTENOLONE: 5802  
METHANE: 205, 1140, 2156, 3850, 4448, 6543  
METHEMOGLOBIN: 898, 1982, 5595, 6891  
METHEMOGLOBINEMIA: 816  
METHENOLONE: 6233  
METHICILLIN: 6853  
METHIONINE: 45, 190, 304, 807, 953, 957, 1122, 1179, 1235, 1422, 1512, 1684, 1705, 2182, 2716, 2748, 2875, 2983-2984, 2986, 3052, 3139, 3260, 3455, 3533, 3733, 3882, 4240, 4416, 4505, 4538, 4768, 4811, 4846, 4893, 4950-4951, 5120, 5169, 5327, 5908, 5926, 6069, 6118, 6166, 6178, 6938, 6950, 7108, 7260  
METHODS: 8, 10, 15, 21-22, 33, 43, 45, 53, 73, 80, 98, 108, 139, 158-159, 191-192, 199, 208, 221-222, 224, 232, 245, 249, 295-296, 301, 317, 327, 334-335, 350, 369, 373, 375, 381, 386, 416, 432, 452, 467, 470, 496, 519, 543, 553, 570-571, 577, 586-587, 598, 602, 604-605, 608, 611, 613, 619, 629, 663, 676, 684-685, 700, 711, 713, 726-728, 738, 767, 773, 793-798, 812, 823, 826, 846, 849, 853, 860, 892, 898, 902, 920, 926, 929-931, 944, 962, 977-978, 998, 1004, 1007, 1013, 1016, 1020, 1029, 1033, 1051, 1065, 1082, 1102, 1107, 1137, 1144, 1146, 1160, 1166, 1175-1176, 1204, 1216, 1237, 1259, 1246, 1256, 1267, 1269, 1279, 1289, 1295, 1301-1302, 1307, 1321, 1336, 1340-1341, 1345, 1371, 1377, 1388, 1390, 1396, 1419-1420, 1431, 1453, 1458, 1470, 1472, 1475, 1490, 1492, 1490-1491, 1499, 1501, 1506, 1511, 1519, 1535-1536, 1544, 1563-1564, 1574, 1581, 1585, 1590, 1616, 1632, 1643-1644, 1648, 1652-1654, 1666, 1680-1681, 1686, 1691, 1705, 1726, 1744, 1748, 1751, 1766, 1781, 1788, 1795, 1799-1800, 1802, 1805, 1833, 1858, 1862, 1874, 1881, 1883, 1900, 1928, 1930, 1938, 1941, 1972, 1974, 1982, 1997-1998, 2001, 2028, 2038, 2048, 2053, 2056, 2069, 2103, 2121, 2129, 2136, 2160, 2169, 2174, 2194, 2203, 2212, 2216-2217, 2235, 2239, 2241, 2254, 2256, 2260, 2275-2276, 2284-2285, 2308, 2310, 2318, 2335, 2338, 2343, 2356, 2362, 2379-2380, 2398, 2403, 2405, 2430, 2434-2435, 2455, 2468, 2475, 2482, 2500-2501, 2507, 2514, 2517, 2520, 2529-2530, 2534, 2545, 2589, 2594, 2612, 2639, 2654, 2684, 2701, 2704, 2722, 2738, 2777, 2789, 2808, 2810-2811, 2814, 2822, 2837, 2857-2858, 2865, 2869, 2878, 2927, 2929, 2939, 2941, 2971, 2978, 2983, 2999-3000, 3011, 3020, 3023, 3030, 3036, 3040-3041, 3049, 3061, 3071-3072, 3078, 3084-3085, 3087, 3098, 3104-3105, 3108-3109, 3116, 3127, 3136, 3143, 3145, 3147, 3155, 3195, 3199, 3212, 3228, 3243, 3251, 3256, 3265, 3279, 3284, 3305, 3323, 3331, 3341, 3347, 3361, 3366, 3375, 3380, 3391, 3419-3420, 3423, 3429, 3437, 3446, 3450, 3456, 3459-3460, 3489, 3542, 3563, 3566, 3585, 3591-3592, 3595, 3599, 3615, 3627-3628, 3639, 3642, 3649, 3651, 3660, 3665, 3695, 3698, 3701, 3708, 3723-3724, 3726, 3732-3734, 3742, 3756, 3774, 3793, 3801, 3806, 3808, 3821, 3858, 3872, 3874, 3879, 3899, 3906, 3911, 3916, 3929, 3940-3941, 3949, 3957, 3964, 3976-3977, 3984, 4000, 4022, 4026, 4052, 4058, 4060, 4078, 4086, 4089, 4106, 4117, 4122, 4152, 4154, 4158, 4189, 4224, 4226, 4228, 4239, 4256, 4278, 4285, 4293, 4308, 4311-4312, 4335, 4351, 4355, 4363, 4372, 4390, 4394, 4400, 4402, 4409, 4412, 4422, 4440, 4442, 4445, 4464, 4466, 4481, 4494, 4506, 4510, 4519, 4521, 4530, 4536-4537, 4539, 4553, 4555, 4567, 4570, 4584-4585, 4587, 4595, 4607, 4633-4635, 4668, 4672, 4680, 4683, 4687, 4690, 4710-4711, 4714-4715, 4725, 4731, 4745, 4756, 4768, 4782, 4801, 4815, 4839, 4864, 4868, 4878, 4907, 4915, 4926, 4941, 4951, 4956, 4958, 4986, 5000, 5021-5022, 5031, 5046, 5049, 5055, 5060, 5062-5064, 5067, 5077, 5084-5085, 5087, 5091, 5095, 5105, 5113, 5141, 5145, 5147, 5151, 5154, 5163, 5174, 5180, 5188-5189, 5200, 5209, 5218, 5257-5259, 5276, 5282, 5290, 5307, 5309, 5317, 5340, 5350, 5357, 5378, 5389, 5392, 5421,



# SUBJECT INDEX

5428, 5438, 5440-5441, 5452, 5456, 5515, 5525-5526, 5554, 5575, 5589, 5597, 5599, 5602, 5612, 5623, 5633-5635, 5648, 5674, 5676, 5684, 5690, 5699, 5715, 5723, 5743, 5751-5752, 5756, 5762, 5766, 5773, 5781-5782, 5792, 5794, 5806, 5816, 5823, 5828, 5837, 5852, 5857, 5860, 5888, 5895, 5898, 5901, 5905, 5912-5913, 5917, 5928, 5929, 5944, 5949, 5951, 5955, 5986, 6003, 6018, 6027, 6038, 6045, 6065, 6067, 6083, 6095, 6103, 6106, 6121, 6134, 6141, 6158, 6160, 6162, 6167, 6172, 6183, 6185, 6220-6221, 6236, 6250, 6265, 6278, 6280, 6292, 6314, 6320, 6326, 6331, 6335, 6346-6347, 6377, 6379, 6389, 6394-6395, 6400, 6403, 6425-6426, 6435, 6443, 6460, 6468, 6474, 6496-6497, 6499-6500, 6547, 6553, 6561, 6564, 6566, 6568, 6575, 6584, 6589, 6602-6603, 6610, 6624, 6626, 6635, 6647, 6650, 6675, 6683, 6688, 6725-6726, 6744, 6749, 6782, 6790, 6800, 6802, 6806, 6809, 6818, 6838, 6842, 6851, 6868, 6871, 6874, 6879, 6881, 6888, 6911, 6913, 6920, 6923, 6926, 6929, 6938-6939, 6946, 6949, 6957, 6959, 6966, 6975, 6979, 7010, 7013, 7035, 7080, 7087, 7076, 7079, 7086, 7092, 7100, 7102, 7111, 7117, 7125, 7143, 7152, 7170, 7187, 7192-7193, 7199, 7227, 7236, 2884, 3121, 3132, 3589, 3822, 3937, 4139, 4614, 4706, 4980, 5090, 5468, 5667, 6648, 7188

METHOTRIMEPRAZINE: 2524

METHYLATION: 150, 543, 559, 957, 1235, 2145, 2217, 3013, 3139, 3533, 3695, 3806, 4213, 4506, 5771

METHYLCELLULOSE: 1921, 2765, 2872, 3104, 3427, 3443, 3553, 4039, 4217, 4311, 5217

METHYLCHOLANTHRENE: 2340-2341, 5477

METHYLDOPA: 346, 2533, 4239, 5468, 5709

METHYLENE BLUE: 1336, 1349, 2628, 3255, 3471, 3863, 7158

METHYLERGONOVINE: 6731

METHYLPREDNISOLONE: 1445, 3808, 3890

METHYLTESTOSTERONE: 1256

METHYLTHIOURACIL: 1027, 5004

METHYLTYROSINES: 2533

METHYLSERGIDE: 4486

METRONIDAZOLE: 6815

METRORRHAGIA: 883, 3363, 3626, 3848

METYPAPONE: 6391

MEVALONIC ACID: 2388, 5568, 6440

MICE: 99, 118, 133, 168, 201, 229, 237, 256-257, 259, 285, 287, 302, 312, 358, 370, 384, 477, 481, 486, 502, 543, 590, 631, 655, 742, 747, 776, 831, 841, 935-936, 945, 958, 1024, 1089, 1099, 1118-1119, 1128, 1137, 1139, 1230, 1330, 1428, 1594, 1630, 1650, 1678, 1684, 1790, 1805, 1879, 1884, 1941, 1975-1976, 2026, 2051, 2057, 2101, 2135, 2184, 2187, 2190, 2290, 2319, 2339-2340, 2369-2370, 2390, 2403, 2409, 2456, 2490, 2561-2562, 2589, 2640, 2651, 2680, 2684, 2726, 2729, 2760, 2792-2795, 2852-2853, 2866, 2884, 3006, 3122, 3128, 3145, 3233, 3269, 3307, 3366, 3378, 3406, 3431, 3513, 3518, 3533, 3586, 3622, 3660, 3706, 3860, 3877, 3977, 4035, 4050, 4064, 4078, 4095, 4112, 4115, 4119, 4132, 4143, 4148-4149, 4215, 4218, 4226, 4299, 4318, 4328, 4389, 4439, 4447, 4484, 4486, 4510-4511, 4514, 4516-4517, 4521, 4545, 4549, 4684, 4762, 4829, 4879, 4910, 4913, 4950-4951, 4965, 4992-4993, 5007, 5062, 5081-5082, 5206, 5219, 5235, 5240, 5254-5256, 5356, 5367-5368, 5437, 5496, 5541, 5547, 5603, 5624, 5649, 5684-5685, 5874, 5877, 5953, 5999, 6054, 6064-6065, 6106, 6108, 6128, 6130, 6190-6191, 6345, 6378, 6390, 6434, 6443, 6462, 6465, 6477, 6516, 6518, 6533-6535, 6578, 6619, 6689, 6733, 6747, 6766, 6779, 6893, 6910, 6919, 6946, 7030, 7035, 7054, 7081, 7084, 7114, 7128, 7188, 7241

MICROBIAL SENSITIVITY TESTS: 956, 2349, 3495, 4114, 4369, 5792, 5961, 6011, 6583, 6682

MICROCEPHALY: 3118

MICROCHEMISTRY: 159, 2121, 2858, 2914, 3566, 3627-3628, 4228, 4565, 4711, 4907, 5064, 5154, 5196

MICROCIRCULATION: 30, 530, 1043, 1947, 2689, 2777, 3887, 6048, 6123, 6136, 6875, 7094

MICROCOCAL NUCLEASE: 4766, 5888

MICROCOCCLUS: 1849, 2282, 2838, 3395, 5694, 6384, 6411, 6640

MICROMANIPULATION: 2648

MICROMONOSPORA: 3767

MICROPHALMOS: 4424

MICRODIAGNOSIS: 723, 3514, 5171

MICROSCOPY: 1957, 2248, 2447, 2600, 2899, 3127, 3697, 4318, 4366, 4894, 5036, 5542, 6736

MICROSCOPY, ELECTRON: 24, 43, 154, 165, 179, 303, 310, 330, 349, 352, 397, 412, 421, 424-425, 505, 507, 511, 514, 520, 567, 632, 723, 727, 776, 793, 830, 835, 935-936, 992, 1083, 1137, 1152, 1185, 1320, 1326, 1371, 1416-1417, 1421, 1474, 1509-1510, 1522, 1549, 1565, 1595, 1604, 1607, 1627, 1630, 1734, 1752-1753, 1846, 1851, 1929-1930, 1961, 2015, 2078, 2102, 2159, 2181, 2201, 2248, 2267-2268, 2278, 2373, 2391, 2399, 2464, 2471, 2481, 2540-2542, 2556, 2603, 2641, 2696-2698, 2702, 2719-2720, 2740, 2749, 2792, 2798, 2815, 2837, 2865, 2899-2900, 2935, 2977, 3003, 3006, 3017, 3060, 3089, 3130, 3134, 3204, 3252, 3274, 3303, 3345-3346, 3349, 3405, 3438, 3480, 3499, 3547, 3550, 3573, 3586, 3597, 3603, 3606, 3696-3697, 3811, 3827, 3832, 3834, 3849, 3885, 3887, 3899, 3951, 3987, 3999, 4061, 4070, 4113, 4162-4163, 4198, 4242, 4270, 4290, 4292, 4318, 4328, 4334, 4354, 4360-4361, 4366, 4381, 4436, 4470, 4510, 4586, 4639, 4723, 4892-4894, 4917, 4924, 4955, 5036, 5044, 5080, 5111-5112, 5377-5378, 5425, 5524, 5540, 5542, 5551, 5556, 5591, 5598, 5600, 5613, 5657, 5745, 5769, 5792, 5796, 5808, 5868, 5887, 5896, 5950, 5956, 5995, 6000-6001, 6014, 6082, 6123-6124, 6130, 6136, 6168, 6174, 6182-6185, 6196, 6228, 6305, 6346, 6378, 6399, 6403, 6440, 6488, 6502, 6523, 6606, 6608, 6614, 6625, 6736, 6797, 6801, 6811, 6838, 6858, 6864, 6905, 6930-6934, 6972, 6987-6988, 6995, 7030, 7048-7049, 7066, 7084, 7153, 7176, 7198, 7224

MICROSCOPY, ELECTRON, SCANNING: 633, 835, 1931, 5376, 5868, 6607

MICROSCOPY, FLUORESCENCE: 165, 485, 1228, 1895, 3101, 4315, 5036, 6608, 7198

MICROSCOPY, INTERFERENCE: 2952, 5785

MICROSCOPY, PHASE CONTRAST: 118, 358, 1593, 1858, 2158, 2383, 2407, 2549-2550, 2648, 3472, 3480, 4162-4163, 4381, 4458, 4519, 4620, 4876, 6305, 6400, 6801, 6910, 7066

MICROSCOPY, POLARIZATION: 806, 1509, 2224, 2952, 3529

MICROSOMES: 302, 1551, 1976, 2279, 2789, 2792, 2797, 2975, 3037, 3193, 3396, 3993, 4052, 4109, 4305, 4684, 4779, 4783, 4835, 5145, 5477, 5485, 5592, 5796, 5821, 6149-6150, 6394, 6502, 7128

MICROSOMES, LIVER: 732, 851, 1141, 1791, 2026, 2789, 2975, 3468, 3485, 4051, 4608, 4781, 4824, 5145, 5389, 5551, 5796, 6251, 6350, 6394, 6416, 8389

MICROSPORIUM: 3386, 3621, 4804, 5387, 7155

MICROSURGERY: 5040, 7068

MICROTOMY: 7016

MICROTUBULES: 424

MICROWAVES: 1160, 4984

MIDDLE AGE: 8, 9, 12, 22, 31, 36-37, 42, 46, 48-49, 65, 70, 79, 82, 85, 90, 93, 103, 106, 109-110, 113, 120, 127, 132, 135, 146-147, 160, 165-166, 169, 172, 175, 185, 194, 207, 210-211, 214, 235-236, 240, 242, 246, 260, 265, 267, 273, 276, 279-280, 283, 294, 296, 311, 314, 320, 346, 350, 354-355, 361, 378, 382, 385, 393, 422, 433, 442, 456, 465-466, 468, 471, 476, 487, 504-505, 508, 512, 528, 534-536, 548, 550, 555, 560, 569, 572-573, 578, 596-597, 601, 606-607, 614, 616, 621-622, 626, 630, 646-647, 653, 666, 673, 710, 714, 716-718, 726, 734, 736-737, 751, 758, 760, 768, 778, 784, 789-790, 808-809, 824, 835, 843, 874-875, 881, 883, 886-887, 896, 908-909, 922-923, 938, 946-947, 949, 952, 954-955, 961, 983, 987, 974, 982-983, 1003, 1009-1010, 1022, 1031-1032, 1039, 1049-1050, 1052-1053, 1055, 1069, 1071, 1080, 1085, 1100-1101, 1106, 1124, 1134, 1136, 1143, 1145, 1187, 1170, 1174, 1184, 1193, 1198, 1204-1205, 1217, 1220, 1227, 1234, 1239, 1254, 1258, 1262-1263, 1266, 1271, 1274, 1278, 1280, 1286, 1291, 1293, 1305, 1310, 1322, 1324, 1326, 1335, 1349, 1357, 1361, 1366, 1368, 1370, 1379, 1386, 1388, 1418, 1429-1430, 1432, 1437, 1443-1444, 1453, 1462, 1466, 1472, 1492, 1497-1500, 1503, 1518, 1521-1522, 1524, 1526, 1531, 1538, 1549, 1552, 1555-1557, 1559, 1571, 1586, 1606, 1610, 1617, 1658-1659, 1665-1666, 1671-1672, 1675, 1677, 1686, 1691, 1694, 1706-1707, 1718-1719, 1721-1722, 1728, 1734, 1750, 1756-1762, 1772, 1776, 1778, 1780-1782, 1786-1787, 1806, 1810, 1819, 1823, 1830, 1836, 1847, 1852, 1856-1857, 1859, 1863, 1870, 1872-1873, 1887, 1897, 1900, 1903, 1909, 1926, 1935, 1940, 1945, 1950, 1964-1965, 1961, 1995,

1998-1999, 2017, 2020, 2030-2031, 2046-2047, 2054, 2078, 2086, 2089, 2092, 2094, 2097, 2106, 2123, 2129-2130, 2134, 2143-2144, 2169, 2174, 2185, 2194-2195, 2199, 2207, 2213, 2216, 2228, 2236, 2245, 2248, 2259, 2263-2264, 2277, 2281, 2286, 2295, 2299, 2301, 2316, 2318, 2320, 2332, 2334, 2337, 2344, 2347, 2356, 2363-2364, 2366, 2371, 2374, 2376, 2384-2385, 2396-2397, 2411, 2419, 2436, 2443, 2446, 2450-2451, 2455, 2461, 2463, 2465, 2477-2478, 2480, 2488-2489, 2492, 2497, 2507, 2510-2512, 2514, 2529-2530, 2535-2537, 2543, 2568, 2577, 2592, 2596, 2599, 2609, 2624-2626, 2656, 2672, 2688-2691, 2694, 2706, 2734, 2742, 2750, 2755, 2775, 2783-2784, 2788, 2822, 2827, 2830, 2836, 2841, 2855-2856, 2868, 2870-2871, 2873, 2879, 2889, 2902, 2904, 2909, 2918, 2923, 2930-2931, 2936, 2938, 2953-2955, 2973, 2981, 2991, 2994-2997, 3001, 3012, 3022, 3024, 3030, 3033, 3071, 3113-3114, 3133, 3141, 3146, 3154-3155, 3158-3161, 3163, 3173, 3177, 3185-3187, 3199, 3208, 3225, 3242, 3254, 3261, 3263, 3268, 3277-3278, 3290, 3302, 3306, 3327-3328, 3343, 3345, 3358, 3363, 3367, 3384, 3387, 3392, 3403, 3409, 3411, 3413, 3416, 3418, 3421, 3437, 3440, 3442, 3444-3445, 3448, 3463, 3465, 3470, 3478, 3481, 3486, 3499, 3501-3502, 3506, 3516-3517, 3529, 3540-3541, 3552, 3561, 3570, 3576, 3591, 3609, 3616, 3620, 3626, 3635, 3638, 3640-3641, 3651, 3663, 3669, 3674, 3689, 3716-3717, 3726, 3734, 3738, 3745, 3747, 3751, 3757, 3762, 3770-3771, 3780, 3787, 3792, 3798-3799, 3808, 3810, 3821, 3851, 3867, 3876, 3894, 3912, 3930, 3935, 3946, 3948, 3954, 3962, 3972, 3976, 3981, 3992, 4010, 4015, 4023, 4035, 4040, 4043, 4046, 4056-4057, 4065-4066, 4068-4069, 4076-4077, 4083, 4096, 4100, 4103, 4121, 4131, 4133-4134, 4137-4138, 4141, 4159, 4166, 4184-4185, 4188, 4199-4200, 4204, 4212, 4216, 4219, 4229, 4231, 4235, 4245, 4275, 4277, 4299-4300, 4304, 4309, 4336, 4342, 4344, 4351, 4359, 4372, 4388, 4398, 4402, 4410-4411, 4413, 4432, 4449-4450, 4457, 4459-4461, 4463, 4479, 4487, 4489, 4495-4496, 4498-4499, 4534, 4540, 4543, 4547-4548, 4560-4561, 4570, 4575-4576, 4578, 4591-4592, 4594, 4596, 4599, 4606-4607, 4614, 4623, 4634, 4636, 4640, 4646-4647, 4661-4662, 4664, 4671, 4674, 4677-4678, 4685, 4710, 4718, 4730, 4737, 4743, 4748, 4750, 4767, 4771, 4774, 4777-4778, 4784-4785, 4807, 4812, 4832, 4849-4851, 4856, 4858, 4860, 4863, 4873, 4876, 4881-4882, 4900, 4908, 4919, 4942, 4962-4965, 4979, 4996, 4999, 5010, 5032, 5052, 5054, 5056, 5061, 5065, 5068, 5075, 5094, 5097-5098, 5109, 5117, 5121, 5123, 5130-5131, 5135-5137, 5149-5150, 5170, 5182-5184, 5187, 5189, 5195, 5205, 5208, 5213, 5128, 5221, 5223, 5225, 5227, 5236, 5241, 5251, 5253, 5266, 5268, 5270, 5275, 5302, 5304, 5306, 5315-5316, 5319-5320, 5335, 5339, 5350, 5359, 5365-5368, 5382, 5392-5393, 5412, 5414, 5423, 5444, 5446-5447, 5449, 5461, 5469, 5474, 5478, 5491, 5495, 5500-5501, 5507-5509, 5518-5519, 5521, 5538, 5545, 5549-5550, 5553, 5565, 5578, 5580-5581, 5584, 5594, 5600, 5606-5608, 5613, 5618, 5632, 5644, 5663-5664, 5668, 5673, 5680, 5688, 5696, 5699, 5702-5703, 5708, 5712-5713, 5718-5719, 5728, 5729-5731, 5735, 5738-5739, 5744, 5752, 5757, 5762, 5764, 5774, 5790, 5805, 5810, 5814, 5816, 5825, 5830, 5832, 5840, 5846, 5848, 5851, 5857, 5859, 5864, 5882, 5884, 5903-5904, 5910-5911, 5930, 5935, 5946, 5950, 5952, 5977, 5996, 6010, 6012, 6030, 6032, 6068, 6078-6079, 6081, 6089-6090, 6098-6099, 6101, 6113, 6117, 6133, 6140, 6155-6156, 6169, 6175, 6182, 6186, 6192-6194, 6202, 6205, 6209, 6231-6232, 6240, 6242, 6264, 6271, 6275, 6285, 6289-6290, 6294, 6296, 6322, 6324, 6342-6343, 6353, 6362, 6365, 6367-6369, 6373, 6375-6376, 6381, 6388, 6396, 6405, 6413, 6420, 6425, 6431, 6435, 6441-6442, 6447-6448, 6466, 6481-6483, 6486, 6493, 6495, 6501, 6509, 6525, 6530, 6540, 6557, 6572, 6576, 6588, 6597, 6636, 6649, 6656-6657, 6664, 6679, 6681, 6685, 6688, 6691, 6693, 6699, 6707-6708, 6714, 6716, 6718, 6722, 6727, 6729, 6743-6746, 6750, 6768, 6774, 6778, 6784, 6794, 6796, 6798, 6803, 6806, 6831-6837, 6846, 6856, 6858, 6863, 6867, 6871, 6890, 6896-6898, 6907-6908, 6911-6912, 6923, 6927, 6936-6937, 6947, 6959, 6981, 6983-6984, 6996-6997, 7009, 7014, 7016-7017, 7022, 7038, 7047, 7052, 7054, 7062, 7065, 7067, 7072, 7078, 7109, 7111, 7118, 7123-7124, 7126, 7130-7132, 7138, 7142, 7146, 7148-7149, 7154, 7159, 7161, 7169, 7173-7175, 7179, 7184, 7207,



# SUBJECT INDEX

- 7217, 7225, 7236, 7242, 7244, 7263, 7268, 7270, 7288
- MIGRAINE: 91, 1280, 4836, 5410, 6438
- MILITARY MEDICINE: 182, 826, 831, 900-901, 905, 1508, 2518, 3070, 3157, 3446, 3903, 4394-4395, 5033, 5089, 5727, 6290, 7204
- MILK: 309, 390, 480, 517-518, 953, 1057, 2147-2148, 2223, 2349, 2506, 3190, 3863, 4741, 4799-4800, 5307, 5345, 5803, 5886, 6213, 6965, 7101
- MILK, HUMAN: 2136, 2675
- MINERAL WATERS: 772, 903, 4449, 6466
- MINING: 3146, 3397, 4553
- MINK: 2520, 6787
- MINNESOTA: 311
- MIOTICS: 347, 1899, 4217
- MITE INFESTATIONS: 4215
- MITES: 1598, 4215
- MITOCHONDRIA: 104, 303, 546, 1152, 1356, 1363, 1976, 2329, 2556, 2659-2661, 2798, 2838, 2933, 2975, 2977, 3003, 3167, 3191, 3472, 3606, 3837, 3951, 4109, 4292, 4305, 4433, 4875, 5120, 5378, 5485, 5591, 5815, 5771, 5796, 5821, 6150, 6430, 6502, 6964, 7048-7049
- MITOCHONDRIA, LIVER: 372, 407, 830, 1326, 1356, 1477, 2508, 2794, 2975, 3129, 3485, 4051, 4535, 4781, 4861, 5796, 5821, 6989, 7049
- MITOCHONDRIA, MUSCLE: 43, 810, 830, 1356, 1464, 1751, 1864, 2479, 2704, 2975, 3378, 3840, 4852, 6000-6001
- MITOCHONDRIAL SWELLING: 2329, 5591, 6000-6001
- MITOMYCIN: 1423, 2655, 4589, 4809, 5333, 5877, 6533
- MITOSIS: 330, 2026, 2045, 2222, 3986, 4620, 4875, 4917, 5088, 5142, 5315, 5783, 5812, 6385, 6785, 7007, 7040
- MITRAL VALVE: 357, 1602, 2364, 2822, 2925, 4425, 4662, 5247, 5330, 5581, 5729, 6071, 6079
- MITRAL VALVE INSUFFICIENCY: 357, 404, 1850, 3544, 3643, 5326, 5729, 6324
- MITRAL VALVE STENOSIS: 416, 737, 2606, 3242, 3409, 3544, 3643, 3959, 5326, 5729, 5825, 6324, 7285
- MIYAGAWANELLA INFECTIONS: 7210
- MMPI: 6794
- MODELS, BIOLOGIC: 107, 326, 715, 1118, 1229, 1708, 1834, 2028, 2563, 2593, 2633, 2666, 2697, 2711, 2791, 3109, 3126, 3373, 3432, 3852, 4150, 4456, 4722, 5172, 5389, 5597, 5692, 5887, 5938-5937, 6009, 6199, 6241, 6347, 6450, 6854, 6970
- MODELS, CHEMICAL: 326, 592-593, 664, 1154, 1202, 1346, 1901, 2028, 2112, 2400, 2444, 2711, 2717, 2789, 2872, 3109, 3355, 3461, 4032, 5106-5107, 5355, 5389, 5420, 5858, 5906, 5939, 6241, 6820
- MODELS, NEUROLOGIC: 3535
- MODELS, STRUCTURAL: 613, 728, 776, 1202, 2141, 2738, 4642-4643, 4928, 5106, 5355, 5612, 5745, 6083, 6443, 6450, 6545, 7097
- MODELS, THEORETICAL: 1004, 1301, 1303, 1815, 1910, 2502, 3331, 4660, 5863, 6151
- MOLECULAR BIOLOGY: 205, 274, 1495, 2141, 2595, 4242, 5479, 6154
- MOLECULAR WEIGHT: 18, 40, 45, 139, 196, 223, 304, 322, 326, 423, 426-427, 493, 515, 613, 628, 636, 663-664, 700, 805, 829, 840, 899, 915, 918, 998, 1017, 1034, 1099, 1102, 1140, 1144, 1154, 1187, 1200, 1211, 1223, 1346, 1364, 1371, 1381, 1385, 1420, 1478, 1512, 1653, 1676, 1684, 1777, 1987, 2001, 2028, 2038, 2046, 2141, 2184, 2204, 2225, 2241, 2257, 2305, 2331, 2399, 2420-2421, 2432, 2502, 2597, 2622, 2630, 2777, 2803, 2881, 2974, 2986, 2992, 2995, 3008, 3018, 3063, 3103, 3109, 3162, 3193, 3223, 3248, 3260, 3264, 3272, 3336-3337, 3347, 3396, 3450, 3577, 3629, 3643, 3662, 3700-3701, 3785, 3825-3826, 3838, 3860, 3891, 3893, 3908, 3926, 3949, 3982-3983, 3993, 4030, 4044, 4053, 4088, 4142, 4158, 4168, 4214, 4230, 4240-4242, 4261, 4272-4273, 4311, 4363, 4367, 4444, 4447, 4485, 4494, 4525, 4608, 4622, 4666, 4676, 4707, 4713, 4762, 4796, 4805, 4831, 4839, 4870, 5003, 5017, 5022, 5067, 5078-5079, 5188, 5285, 5327-5328, 5331, 5433, 5483, 5547, 5561, 5776-5777, 5836, 5948, 5958, 5967, 6014, 6023-6025, 6051, 6083, 6085, 6091-6092, 6097, 6129, 6147, 6151, 6181, 6187, 6221, 6326, 6332, 6335, 6385, 6411, 6511, 6544-6545, 6603, 6617, 6646, 6650, 6825, 6856, 6898, 6924, 6929, 6936, 6998-7000, 7061, 7074, 7271
- MOLLUSCA: 590, 2403, 5483, 6161, 6801, 7090
- MONGOLISM: 679, 886, 1147, 3507, 3872, 4270, 4841, 5610, 6062, 6709-6710, 6887
- MONGOLOID RACE: 1256, 3805, 6708
- MONILIALES: 254, 6650
- MONILIASIS: 2337, 7114
- MONITORING SYSTEMS: 255, 4981, 6431
- MONKEY DISEASES: 4041
- MONKEYS: 23, 200, 237, 285-286, 389, 477, 549, 575, 706, 850-851, 913, 945, 992, 1083, 1118-1119, 1279, 1372, 1495, 1541, 1565, 1858, 2050, 2252, 2370, 2408, 2411, 2429, 2650, 2684, 2798, 3034, 3420, 3535, 3766, 4011, 4041, 4045, 4078, 4215, 4376, 4389, 4405, 4436, 4520, 4584, 4615, 4790, 4831, 4966, 5034, 5144-5145, 5197, 5280, 5568, 5666, 5746, 5994, 6064-6065, 6128, 6146, 6190-6191, 6207, 6249, 6325, 6366, 6401, 6760, 6821, 6849, 6870, 6878, 6893, 6925, 6970, 7004, 7035, 7051, 7099-7100, 7107, 7254
- MONOAMINE OXIDASE: 930, 1415, 2975, 4852, 6847
- MONOAMINE OXIDASE INHIBITORS: 55, 4781, 5177, 5358, 6630, 6692, 7039
- MONOCYTES: 179, 263, 933, 1367, 1417, 1884, 2743, 3405, 3806, 4234, 4620, 4625, 4790, 5148, 6477
- MONOMYCIN: 7181
- MONOSACCHARIDES: 1614, 3055, 4283, 6578
- MORBIDITY: 4166
- MORPHINANS: 177, 1091
- MORPHINE: 1530, 2866, 3231, 4016, 5840, 5916
- MORPHOGENESIS: 2791, 4893, 5844
- MORPHOLINES: 335
- MORTALITY: 502, 6561, 6661
- MOSAICISM: 691
- MOTHER-CHILD RELATIONS: 58
- MOTION: 3071
- MOTION PICTURES: 836, 2777, 3839
- MOTOR ACTIVITY: 2866, 2872
- MOUTH: 2641, 3128
- MOUTH DISEASES: 659, 894, 999, 1328, 2819, 2955, 3263, 4404, 5207, 6869
- MOUTH MUCOSA: 1313, 5315
- MOUTH NEOPLASMS: 647, 2142, 2222, 2394, 2465, 3376, 4035, 4410, 6483
- MOUTHWASHES: 5856
- MOVEMENT: 818, 3143, 4323, 4434, 4685, 6101
- MOVEMENT DISORDERS: 216, 3824
- MSH: 2176
- MUCIN: 716, 3777, 5710, 7047
- MUCOCLELE: 5493, 6369
- MUCOPOLYSACCHARIDES: 119, 196, 274, 728, 769, 984, 1144, 1185, 1427-1428, 1509, 1752, 1796, 1813, 1847, 1891, 1990, 2008, 2415, 2662, 2749, 2842, 2916, 2994, 3055, 3125-3126, 3266, 3492, 3678, 3719-3720, 3824, 3872, 3877, 4007, 4315, 4386, 4421, 4445, 4741, 4750, 4763-4764, 5148, 5171, 5192, 5358, 5493, 5766, 5901, 5929, 5941, 6082, 6093, 6095, 6108, 6164, 6273, 6275, 6467, 6761, 6772, 6985-6986
- MUCOPROTEINS: 130, 290, 795, 841, 1470, 1630, 2050, 5352, 5355, 5611, 6156, 6323, 6679, 7112
- MUCOR: 4816
- MUCOUS MEMBRANE: 1017, 2287, 2328, 5388, 5895, 6688
- MUCUS: 1483, 1513, 3678, 5766, 6671
- MULTIPLE MYELOMA: 302, 823, 918, 1106, 1242, 1433, 1458, 1478, 2184, 3012, 3063, 3163, 3276, 3479, 3499, 3893, 4112, 4143, 4332, 4349, 4968, 5042, 5067, 5205, 5610, 6083, 6374, 6461, 6463, 6592, 6937, 7028, 7153
- MULTIPLE SCLEROSIS: 39, 1625, 4164, 4853, 5799
- MUMPS: 1209, 1505
- MUMPS VACCINE: 1505
- MUMPS VIRUS: 1505, 6305
- MUNICIPAL GOVERNMENT: 5650
- MURAMIDASE: 130, 171, 263, 336, 450, 493, 501, 605, 860, 944, 1344, 1630, 1974, 2113, 2197, 2229, 2628, 2713, 2800, 2806, 2810, 2932, 2946, 2978, 3194, 3244, 3355, 3553, 3858, 3898, 4378, 4436, 4518, 4566, 4642-4643, 4724, 4837, 4964, 5240, 5355, 5405, 5420, 5745, 5944-5945, 6025, 6069, 6168, 6172-6173, 6348, 6440, 6724, 6868, 6968, 7097, 7143, 7171
- MUSCLE CONTRACTION: 76, 1483, 1551, 1601, 1768, 3083, 3217, 3600, 3974, 4020, 4611, 5168, 6104, 6945, 7196
- MUSCLE CRAMP: 3900
- MUSCLE PROTEINS: 45, 511, 1027, 1601, 1629, 1653, 1902, 2373, 2389, 2439, 2445, 2449, 2565, 2657, 2970, 3831, 4052, 4509, 4642-4643, 5355, 5787, 6149, 6161, 6326
- MUSCLE RELAXANTS, CENTRAL: 1479, 2767
- MUSCLE RELAXING FACTOR: 3182
- MUSCLE, SMOOTH: 38, 76, 1118-1119, 1483, 2176, 2379-2380, 2389, 2798, 2970, 3083, 3575, 3600, 3887, 3967, 4290, 4354, 4573, 4921, 5415, 5624, 6449, 6523, 6728, 6945, 7196
- MUSCLE TONUS: 751
- MUSCLES: 33, 150-151, 345, 511, 657, 787, 815, 1119, 1215, 1218, 1239, 1380, 1460, 1551, 1601, 1657, 1690, 1872, 2031, 2204, 2389, 2449, 2461, 2496, 2502, 2533, 2582, 2692, 3008, 3270-3271, 3308, 3393, 3460, 3672-3673, 3905, 4052, 4109, 4329, 4705, 4948, 5481, 5934, 5979, 5981-5983, 6104, 6125, 6135, 6193, 6326, 6395, 6454, 6526, 6916, 6929, 6985-6986, 7108
- MUSCULAR ATROPHY: 216, 3343
- MUSCULAR DISEASES: 751, 1322, 1361, 1502, 1897, 3115, 6000-6001, 6193
- MUSCULAR DYSTROPHY: 6000-6001
- MUSCULAR DYSTROPHY, ANIMAL: 815
- MUSCULOSKELETAL SYSTEM: 2899
- MUTAGEN: 3348, 3917, 4758
- MUTATION: 706, 780-781, 1154, 1201, 1361, 1476, 1495, 1833, 1879, 2152, 2202, 2282, 2299, 2593, 2839, 2938, 2984, 2998, 3245, 3917, 3924, 4233, 4258, 4265, 4357, 4724, 4758, 5103-5104, 5107, 5428, 5540, 5630, 5657, 5771, 5824, 5887, 6049, 6648, 6707, 6760, 6853, 6938, 6963, 7203
- MYASTHENIA GRAVIS: 5799
- MYCOBACTERIUM: 957, 1614, 2221, 2282, 3602, 4598, 5077, 5694, 6020, 6238, 6566, 7110
- MYCOBACTERIUM BOVIS: 4923
- MYCOBACTERIUM INFECTIONS: 980, 6566, 6747
- MYCOBACTERIUM TUBERCULOSIS: 130, 179, 2221, 3385, 6566, 7010
- MYCOPLASMA: 2142, 4726, 6013, 6174
- MYCOPLASMA INFECTIONS: 2889
- MYCOSES: 288, 6247-6248, 6504
- MYCOSIS FUNGOIDES: 5300, 7280
- MYCOTOXINS: 5793
- MYDRIATICS: 4217
- MYELIN SHEATH: 39, 966, 1624, 3748, 5377-5378, 7167
- MYELITIS: 1554
- MYELOFIBROSIS: 1404, 1433, 1552, 1718, 3479, 3570, 3576, 3769, 4426
- MYELOGRAPHY: 660, 778, 909, 1671, 1866, 2027, 3073-3074, 5538, 5673, 6785, 6888
- MYELOID METAPLASIA: 1433, 1718, 5610, 5757
- MYELOPROLIFERATIVE DISORDERS: 1613, 3253, 3882, 3976, 6993
- MYOBLASTOMA: 1335, 4253, 5396
- MYOCARDIAL DEPRESSANTS: 2768, 3114, 3611, 7269
- MYOCARDIAL DISEASES, PRIMARY: 2954
- MYOCARDIAL INFARCT: 46, 48, 62, 64, 129, 135, 166, 170, 173, 367, 382, 393, 564, 654, 674, 708, 734, 768, 874, 887, 983, 1026, 1072, 1091, 1101, 1142, 1414, 1480, 1500, 1514, 1518, 1590, 1686, 1703, 1787, 1794, 1825, 1913, 2039-2040, 2085, 2286, 2301, 2450, 2513, 2577, 2607, 2691, 2849, 2890, 2920, 3114, 3154, 3224-3225, 3238, 3287, 3383, 3409, 3429, 3476, 3558, 3579, 3587, 3744, 3757-3760, 3894, 3952, 4026, 4098, 4188, 4219, 4344, 4388, 4414, 4460, 4470, 4541, 4548, 4588, 4596, 4702, 4750, 4777, 4832, 4856, 4922, 4927, 5058, 5072, 5137, 5170, 5194, 5339, 5545, 5627, 5702-5703, 5760, 5802, 5810, 5977, 6079, 6139, 6245, 6285, 6372, 6381, 6425, 6431, 6700, 6716, 6786, 6832, 6844, 6904, 6971, 7016, 7042, 7118, 7132, 7146, 7168, 7217, 7227, 7244-7245, 7255, 7263
- MYOCARDITIS: 1368, 1736, 1887, 3620, 5527
- MYOCARDIUM: 43, 201, 384, 468, 472, 496, 644-645, 657-658, 695, 810, 830, 887, 1027, 1085, 1087, 1122, 1246, 1422, 1464, 1690, 1747, 1751, 1768, 1864, 1947, 2015, 2190, 2238, 2281, 2308, 2352-2353, 2389, 2479, 2533, 2682, 2692, 2704, 2737, 2763, 2908, 2975, 3006, 3167, 3192, 3206, 3238, 3308, 3376, 3486, 3549, 3586, 3705, 3732, 3840, 3887, 4067, 4226, 4480, 4664, 4705, 4839, 4896, 4931, 4971, 5209, 5245, 5373, 5415, 5481, 5755, 5884, 5967, 5979, 5983, 6060, 6100, 6110, 6112, 6256, 6326, 6623, 6706, 6761, 6783, 6830, 6885, 6905, 6972, 7048-7049, 7184, 7267
- MYOCLONUS: 4275
- MYOFIBRILS: 1509, 2373, 2445, 4290, 6000-6001
- MYOGLOBIN: 782, 1299-1300, 1963, 2113, 2229,



# SUBJECT INDEX

2393, 2449, 2748, 2946, 3244, 3355, 3393, 3658,  
4230, 4837, 4839, 5196, 5355, 5420, 6394, 6998  
MYOMA: 78, 2855, 3501, 5500  
MYOPIA: 1350, 4424  
MYOSARCOMA: 2173  
MYOSITIS: 30, 207, 4164  
MYXEDEMA: 963, 2196, 3996, 5799, 6761  
MYXOMA: 100, 4883, 5396, 6799  
MYXOMYCELES: 3048, 5844, 6351  
MYXOSARCOMA: 5396  
MYXOVIRUS: 3816, 6027

## N

NAD: 636, 782, 810, 944, 1201, 1349, 1356, 1601,  
1751, 1755, 2004, 2225, 2457, 3037, 3194, 3241,  
3378, 3451-3452, 3485, 3496, 3840, 4031, 4051,  
4783, 5042, 5615, 5623, 6350, 6395, 6824, 6929,  
7092, 7110  
NADP: 384, 636, 782, 1122, 1474, 2789, 2881, 3037,  
3378, 3468, 4608, 4713, 4783, 5389, 5623,  
6394-6395, 6521, 7092  
NAILS: 620, 6874  
NAILS, INGROWN: 6141  
NALIDIXIC ACID: 347, 5803  
NANDROLONE: 1758, 5272  
NAPHTHALENEACETIC ACIDS: 1790, 4574, 5483  
NAPHTHALENES: 727, 1045, 1240, 1472, 1790,  
2237, 2282, 2452, 2682, 2685-2687, 3035, 3260,  
3763, 4408, 5875, 6313, 6575  
NAPHTHOQUINONES: 441, 729, 810, 902, 1288,  
2282, 2387-2388, 2457, 3602, 4031, 4389, 4608,  
4822, 5379  
NARCOTICS: 1120, 1479, 2219  
NASAL MUCOSA: 1248, 1483, 2349-2350, 5620  
NASAL POLYPS: 2185, 5884  
NASAL SEPTUM: 1934, 2185, 5766  
NASOPHARYNGEAL DISEASES: 5864, 6798  
NASOPHARYNGEAL NEOPLASMS: 88, 1426,  
1837-1839, 2394, 2940, 3057, 3391, 3738, 4970,  
5157, 5864, 6015, 6797  
NASOPHARYNX: 2895  
NATRIURESIS: 5728, 6637  
NAUSEA: 627, 1913, 2510, 2644, 4139, 4696, 5083,  
5333, 5399, 5594, 5712, 6699  
NAVAL MEDICINE: 2306  
NECK: 22, 192, 2165, 4137, 4915, 6798, 7183  
NECK NEOPLASMS: 904, 1038, 1126, 1373, 5674,  
6038  
NECROBIOSIS LIPOIDICA: 2196, 3996, 6374  
NECROSIS: 23, 175, 557, 614, 986, 1009, 1541,  
1569, 1710, 1853, 1894, 2031, 2187, 2213, 2248,  
2411, 2582, 2632, 2773, 2795, 2931, 2991, 3146,  
3362, 3431, 3469, 3513, 3549, 3696, 3955, 3988,  
4040, 4154, 4166, 4211, 4321, 4359, 4420, 4434,  
4436, 4522, 4900, 5039, 5204, 5206, 5268, 5530,  
5646, 5871, 5897, 6034, 6089, 6218, 6243, 6311,  
6374, 6452, 6464, 6669, 6686, 6845, 6863, 6886,  
6871, 6973, 7243, 7265, 7287  
NEGROES: 1069, 1847, 2752, 6887  
NEGROID RACE: 110, 391, 398, 1207, 2168, 3146,  
3529, 3829, 5299, 5620, 6174  
NEISSERIA: 824  
NEISSERIA MENINGITIDIS: 1181, 2773  
NEOARSPHENAMINE: 7198  
NEODYMIUM: 2903, 3512, 5348, 6230  
NEOMYCIN: 543-544, 1481, 1741, 4625, 5148, 5737,  
7181  
NEOPLASM CIRCULATING CELLS: 1832, 3064,  
4884  
NEOPLASM METASTASIS: 63, 192, 291, 392, 439,  
456, 564, 716, 742, 760, 800, 1035, 1253, 1309,  
1395, 1559, 1776, 1825, 2165, 2199, 2339-2341,  
2422, 2583, 2618, 2795, 3059, 3064, 3144, 3253,  
3281, 3570, 3616, 3640, 3812, 3876, 3912, 3935,  
3976, 4035, 4069, 4140, 4277, 4459, 4590, 4626,  
4664, 4785, 5113, 5290, 5301, 5409, 5474, 5556,  
5889, 5907, 5928, 6215, 6253-6254, 6305, 6373,  
6388, 6409, 6441, 6729, 6769, 6831, 6856, 6934,  
6981, 7168, 7229  
NEOPLASM PROTEINS: 325, 2135, 5312  
NEOPLASM RECURRENCE, LOCAL: 291, 1832,  
1837-1839, 2394, 3387, 3745, 3822  
NEOPLASM REGRESSION, SPONTANEOUS: 2940,  
3812  
NEOPLASM SEEDING: 3064  
NEOPLASM TRANSPLANTATION: 742, 1543,  
1752-1753, 2339-2340, 2582, 2726, 2762, 2795, 4115,  
4992, 6517  
NEOPLASMS: 68, 354, 625, 631, 656, 673, 715,

816, 975, 1325, 1559, 1613, 1708, 2173, 2205-2206,  
2310, 2451, 2488, 2511, 2581, 2656, 2836, 2849,  
2879, 3058-3059, 3064, 3118, 3171, 3249, 3358,  
3936, 4035, 4372, 4447, 4459, 4589, 4613, 4706,  
4809, 4820, 4866, 4862, 5142, 5454, 5525, 5560,  
5610, 5758, 5784, 5839, 5889, 5943, 5952, 6055,  
6114, 6130, 6175, 6242, 6338, 6363, 6406, 6425,  
6441, 6581, 6699, 6771, 6824, 6850, 6880, 7118  
NEOPLASMS, CONNECTIVE TISSUE: 1335, 2601,  
3575, 5396  
NEOPLASMS, EMBRYONAL AND MIXED: 1335  
NEOPLASMS, EXPERIMENTAL: 12, 63, 256-257,  
612, 945, 1230, 1607, 1684, 1752-1753, 2135, 2339,  
2490, 2496, 2581, 2683, 2762, 2795, 3139, 3349,  
3431, 4035, 4050, 4484, 4985, 4992, 5073,  
5081-5082, 5496, 5877, 6254, 6333, 6345-6346  
NEOPLASMS, GLANDULAR EPITHELIAL: 3777  
NEOPLASMS, MULTIPLE PRIMARY: 2376, 2647,  
3144, 3745  
NEOPLASMS, MUSCLE TISSUE: 1335, 3575, 5396,  
5930  
NEOPLASMS, NERVOUS TISSUE: 1335, 3075,  
3575, 5218, 5525, 6388  
NEOPLASMS, RADIATION-INDUCED: 361  
NEOPLASMS, VASCULAR TISSUE: 435, 1335,  
1485, 2047, 2339, 5396, 5839, 6030, 6388  
NEPHRECTOMY: 90, 566, 677, 1000, 1175, 1243,  
1885, 1935, 1989, 2099-2100, 2165, 2712, 2831,  
3437, 3810, 4049, 4153, 5005, 5219, 5261, 5458,  
6428, 6482, 6530, 7118  
NEPHRITIS: 24, 747, 1099, 2022, 2919, 3588, 4619,  
5067  
NEPHRITIS, INTERSTITIAL: 1134  
NEPHROBLASTOMA: 119, 5928  
NEPHROCALCINOSIS: 1885, 5392  
NEPHROSCLEROSIS: 173, 3437  
NEPHROSIS: 154, 738, 2022, 2179, 2546  
NEPHROSIS, LIPOID: 1549, 2929, 7176  
NEPHROTIC SYNDROME: 553, 1549, 2546, 2776,  
3684, 3790, 4528, 4619, 4918, 4936, 6232  
NERVE DEGENERATION: 39  
NERVE ENDINGS: 546, 4387  
NERVE GROWTH FACTOR: 2634  
NERVE TISSUE: 723, 1867, 2634, 4442  
NERVE TISSUE PROTEINS: 39, 892, 928, 1034,  
1517, 1623-1625, 4721, 4796, 5264, 5377, 5695,  
6966  
NERVOUS SYSTEM: 2429, 3420  
NERVOUS SYSTEM DISEASES: 1682, 2219, 6302,  
6397, 6697, 7031  
NETHERLANDS: 3758-3759, 4219, 6912, 7225  
NEURAL CONDUCTION: 4725  
NEURAL TRANSMISSION: 2533, 3007  
NEURALGIA: 1280  
NEURAMINIC ACIDS: 130, 171, 1364, 1398, 1958,  
2749, 2875, 2878, 2895, 3101, 3135, 3336, 3408,  
3728, 3926, 4007, 4213, 4312, 4322, 4328, 4367,  
4399, 4733, 4794, 4800, 4916, 5171, 5328, 5352,  
5429, 6467, 6577, 6580-6581, 6679-6681, 6803, 6847  
NEURAMINIDASE: 3, 118, 139, 318, 406-407, 494,  
567, 1151, 1313, 1513, 1958, 2052, 2067-2068, 2488,  
2490, 2982, 4511, 4270-4271, 4328, 4367-4368, 4723,  
5264, 5658, 5710, 6083, 6105, 6467, 6553, 6578,  
6580-6581, 6680, 6735, 7121  
NEURILEMMOMA: 80, 1035-1036, 1335, 1457-1458,  
1671, 2422, 3074, 3535, 3575, 4253, 4953, 5319,  
5664, 5864, 5993  
NEURITIS: 4948, 7216  
NEUROBLASTOMA: 512, 769, 3968, 5409, 5907,  
6304  
NEURODERMATITIS: 6084, 6247-6248  
NEUROEPITHELIOMA: 2833, 3391, 4531, 4953  
NEUROFIBROMA: 577, 1335, 2173, 3575, 4253,  
5496  
NEUROFIBROMATOSIS: 1206, 1955, 2833, 5563,  
6304  
NEUROGLIA: 1237, 4162  
NEUROLOGIC EXAMINATION: 311, 4767, 6794  
NEUROLOGIC MANIFESTATIONS: 240, 443, 468,  
770, 809, 1052, 1344, 1998-1999, 2264, 2484, 2551,  
2948, 3074, 3326, 3330, 3383, 3506, 4057, 4211,  
4430, 5249-5250, 5604, 5824, 6318, 7189  
NEUROMA: 3748, 4253, 5218, 5385, 6799  
NEUROMUSCULAR DEPOLARIZING AGENTS:  
2868, 4683  
NEUROMUSCULAR JUNCTION: 2899  
NEURONS: 1118-1119, 1237, 1905, 2015, 2533, 4162,  
6862, 7167  
NEUROSECRETION: 2330

NEUROSECRETORY SYSTEMS: 990, 3600, 5165,  
6210  
NEUROSES: 1280, 2127  
NEUROSES, ANXIETY: 59  
NEUROSES, OBSESSIVE: 59  
NEUROSPORA: 2839, 2881, 3701, 3924, 5771  
NEUROSURGERY: 1686, 1861, 2355, 3391, 4998,  
6266  
NEUTRALIZATION TESTS: 3, 431, 496, 780, 878,  
935-936, 956, 1513, 1542, 2097, 2348, 2369-2370,  
2561, 2736, 3036, 3816, 4376, 4606, 4838, 4845,  
7124  
NEUTROPHILS: 997, 1099, 1654, 2269, 2539, 3405,  
3839, 3866, 4198, 4621, 4625, 5166, 5917, 6465,  
6643, 6737, 6811, 6825, 7093  
NEVUS: 280, 313, 1328, 2196, 3930, 3996, 4287,  
4410, 4710, 4785, 4874, 5396, 6977  
NEVUS, PIGMENTED: 313, 2745, 4531, 5054, 6765  
NEW GUINEA: 5299, 7014  
NEW YORK: 4215  
NEW ZEALAND: 6007  
NEWCASTLE DISEASE: 3776, 4357, 4845, 6735  
NEWCASTLE DISEASE VIRUS: 655, 1883, 3776,  
4845, 4910, 6305  
NIALAMIDE: 1580, 4596, 4705, 5210, 5468  
NICKEL: 866, 2133, 2496, 4714, 5787, 6335  
NICOTINAMIDE: 925, 2004, 2197, 2209, 2847, 5553,  
6557  
NICOTINE: 6432, 6914  
NICOTINIC ACID: 251, 733, 1334, 2004, 2823,  
3398, 3570-3571, 3609, 3738, 4487, 4661, 5251,  
5870, 5991, 6230, 6489, 6519  
NIDATION: 610, 2408  
NIGERIA: 44, 1887, 3620, 6765  
NIKETHAMIDE: 6991  
NITRATES: 205, 1614, 4031, 5059  
NITRILES: 333, 1755, 3401, 3742, 4038, 6964  
NITRITES: 1455, 2638, 3922, 5901  
NITROBENZENES: 254, 302, 304, 605, 648, 771,  
1512, 1676, 2135, 2706, 2915, 3425, 3443, 3523,  
4038-4039, 4161, 4506, 4572, 4912-4913, 5413, 6171,  
6443, 6655, 6783, 7090  
NITROFURANS: 1687  
NITROFURANTOIN: 6165  
NITROGEN: 668, 1027, 1073, 1097, 1245, 1486,  
1917, 2114, 2295, 2385, 2389, 2783, 3248, 3307,  
3621, 3839, 3843, 3882, 3910, 4047, 4285, 4412,  
4505, 4525, 4696, 4914, 4916, 5217, 5528, 6006,  
6270, 6359, 6403, 6546, 6633, 6654, 6665, 6918,  
6924, 7040  
NITROGEN FIXATION: 4555  
NITROGEN MUSTARD COMPOUNDS: 949, 1025,  
2918, 3059, 3375, 3799, 3937, 4002  
NITROPHENOLS: 1920, 2135, 3973, 6873, 6975  
NITROAMINES: 6346  
NITROSO COMPOUNDS: 2789, 4614, 4758, 5333,  
6049, 6345, 6699  
NOISE: 4246  
NOMENCLATURE: 141, 1125, 1298, 2350, 4005,  
4206, 5297, 5622, 6289, 6444  
NOREPINEPHRINE: 83, 929, 980, 1115, 1282, 1306,  
1464, 1532, 1644, 1699, 2108, 2312, 2381-2382,  
2615, 2627, 2711, 2730, 2841, 2908, 2943, 3051,  
3558, 3564, 3600, 3885, 4091, 4408, 4437, 4702,  
4833, 5185, 5597, 6056, 6097, 6126, 6753, 6964  
NORETHINDRONE: 718, 2073, 2372, 3350, 4173  
NORETHYNODREL: 718, 2153, 4280, 5027  
NORMETANEPHRINE: 2908  
NORTRIPTYLINE: 66, 1702, 5347  
NORWAY: 1730-1731, 2982, 6289, 6444  
NOSE: 1262, 1491, 1585, 2529, 2590, 3291, 5633,  
6437  
NOSE DISEASES: 1491, 2185  
NOSE NEOPLASMS: 1066, 1307, 1389, 1659, 2394,  
3391, 5544  
NUCLEAR MAGNETIC RESONANCE: 4-5, 931,  
1356, 1808, 2042, 3348, 3554, 5379, 5405, 7135,  
7143  
NUCLEIC ACID DENATURATION: 2813-2814, 6002  
NUCLEIC ACIDS: 1244, 1684, 2839, 2860,  
3125-3126, 4834, 5433, 6549, 6862, 6975  
NUCLEOPROTEINS: 531, 1805, 2729, 2815, 2860,  
2952, 4060, 4158, 4196, 5264, 6638, 6801  
NUCLEOSIDASES: 3078  
NUCLEOSIDES: 543, 609, 957, 1051, 1317, 1347,  
2061, 2197, 2206, 2231, 2539, 2680, 3237, 3497,  
4019, 4032, 4452, 4513, 4687-4688, 4830, 5020,  
5029, 5311, 5435, 5598, 5665, 6222, 6236, 6256,  
6644, 6717, 7203



# SUBJECT INDEX

NUCLEOTIDASES: 169, 1033, 1320, 2661, 4766, 5145, 6105  
 NUCLEOTIDES: 563, 978-979, 1033, 1231, 1294, 1296-1297, 1791, 2305, 2540-2541, 2660, 2704, 2839, 2933, 2941, 3223, 3274, 3315, 4196, 4419, 4452, 4713, 4760, 4766, 5592, 5888, 6150, 7203  
 NUCLEOTIDYLTRANSFERASES: 1961, 2068, 2305, 5896, 7055  
 NUTRITION: 601, 1245, 4833, 5686, 5869, 7225  
 NUTRITION DISORDERS: 2787, 3588  
 NUTRITION SURVEYS: 7148, 7225  
 NUTRITIONAL REQUIREMENTS: 390, 925, 1465, 2553, 3138, 6961  
 NYLON: 33, 5853, 7012  
 NYSTAGMUS: 1776

## O

OBESITY: 447, 1555-1556, 1975, 3972, 4056, 4160, 4409, 4654, 4685, 5131, 5213, 5726, 5797, 6101, 6408, 6630, 7146  
 OBESITY IN DIABETES: 1975, 2456, 2991  
 OBSTETRICS: 316, 6751  
 OCCIPITAL BONE: 5720  
 OCCIPITAL LOBE: 622, 2385, 6649  
 OCCLUSIVE DRESSINGS: 1132, 4819  
 OCCULT BLOOD: 3439, 4285, 6099, 6908, 6961  
 OCCUPATIONAL DERMATITIS: 5717  
 OCCUPATIONAL DISEASES: 572, 2150, 2227, 3397, 3593, 3792, 3797, 4571, 6654, 6722, 7037-7038  
 OCCUPATIONS: 65, 1056, 3587, 5201, 6408  
 OCULOMOTOR MUSCLES: 207, 1563-1564, 5490, 6718, 7130  
 OCULOMOTOR PARALYSIS: 2055, 4275, 5490, 7130  
 ODONTOBLASTS: 6255  
 OILS: 183, 356, 668, 820, 1233, 1660-1661, 1946, 3638, 5245, 5336-5337, 5339, 5468, 6821, 6865, 6885  
 OINTMENTS: 1132, 1966, 3717, 3798, 4217, 5721, 6519  
 OLEANDOMYCIN: 7181  
 OLEIC ACID: 1110-1112, 1210, 1319, 1477, 2816-2817, 4610, 5336, 5339, 6077, 6127, 6129, 6830, 6865-6866, 6944  
 OLIGODENDROGLIOMA: 1776, 2756, 4543, 5993  
 OLIGOMYCIN: 372, 1976, 2635, 3181, 5615, 6964, 7048-7049  
 OLIGOSACCHARIDES: 139, 1405, 1614, 3336, 3371, 3728, 4044, 6280, 6578, 7069  
 OLIVOMYCIN: 7181  
 OMENTUM: 3139, 3293-3294, 4078, 5140, 6305, 6653  
 ONCOGENIC VIRUSES: 5142  
 ONIUM COMPOUNDS: 2707  
 ONTARIO: 2569  
 OOPHORITIS: 2466, 5867  
 OPHTHALMIA: 3821  
 OPHTHALMIA, SYMPATHETIC: 5799  
 OPHTHALMIC ARTERY: 577, 615, 3774  
 OPHTHALMIC SOLUTIONS: 197, 1812, 4217, 5295  
 OPHTHALMOLOGY: 615  
 OPHTHALMOSCOPY: 1712, 3699, 4531, 4626, 5123  
 OPISTHOCHIS: 6270  
 OPSONINS: 118, 6465, 7004  
 OPTIC ATROPHY: 513, 4320  
 OPTIC NERVE: 577, 3988, 4320, 6419, 6492, 6743, 6859, 7179  
 OPTIC NEURITIS: 1052, 6743  
 OPTICAL ROTATORY DISPERSION: 223, 892, 914, 1122, 2159, 2229, 2565-2566, 2813, 3014, 3048, 3212, 3673, 3694, 3861, 4175-4177, 4780, 4796, 5347, 5431, 5818, 5973, 6091  
 ORAL MANIFESTATIONS: 1642, 1887, 4204  
 ORBIT: 207, 577, 615, 2055, 2676, 2678, 3230, 3656, 4678, 5294, 5490, 6718, 6859  
 ORBITAL NEOPLASMS: 577, 607, 615, 2678, 3230, 3382, 3774, 4391-4392, 4729, 4801, 5294, 5319, 6257, 6369  
 ORCIPRENALINE: 1870  
 ORGAN CULTURE: 1630, 3805, 4892-4894  
 ORGAN SPECIFICITY: 1167, 1427, 1690, 2175, 3460, 3701, 4723, 4835, 5206, 6395  
 ORGAN WEIGHT: 142, 477, 481, 1097, 1624, 1770, 2035, 2084, 2114, 2178, 2409, 3238, 3493, 3608, 4009, 4084, 4442, 4875, 5057, 5468, 5685, 6241, 6390, 6477, 6561, 6638, 6885  
 ORGANIZATION AND ADMINISTRATION: 2642  
 ORGANOIDS: 397, 424-425, 1282-1283, 3405, 4917, 6182, 6934

ORGANOMETALLIC COMPOUNDS: 372, 866, 1051, 1915  
 ORNITHINE: 2221, 2813-2814, 3460, 3650, 4149, 4225, 5306, 5547, 7133  
 ORNITHINE CARBAMOYL-TRANSFERASE: 986  
 OROTIC ACID: 2862, 3410, 3638, 4358  
 ORTHODONTICS, CORRECTIVE: 5928  
 ORTHOPEDIC EQUIPMENT: 1393, 2980  
 ORTHOPEDICS: 69, 6572  
 OSCILLOMETRY: 684, 2514, 5718-5719  
 OSMIUM: 2696, 6082  
 OSMOLAR CONCENTRATION: 398, 406, 426, 898, 910, 1107, 1112, 1240, 1478, 1509, 1511, 2252, 2279, 2437, 2445, 2789, 2814, 2941, 3008, 3079, 3071, 3485, 3844, 3945, 4074, 4158, 4161, 4243, 5022, 5257, 5375, 5384, 5498, 5691, 5794, 5820, 5824, 5836, 5958, 6002, 6108, 6926, 6968, 6987  
 OSMOSIS: 2067, 2179, 2437, 4053, 4555, 5378, 5436, 6223-6224, 6924  
 OSMOTIC FRAGILITY: 279, 527, 1384, 1399, 1792-1793, 2407, 2948, 3655, 4248, 4925, 5453, 5879, 5881, 6237, 6549, 7111, 7197  
 OSMOTIC PRESSURE: 515, 1199, 2437, 4053, 5475, 7133  
 OSSIFICATION, PHYSIOLOGIC: 3859  
 OSTEOITIS: 975  
 OSTEOITIS DEFORMANS: 3492  
 OSTEOITIS FIBROSA CYSTICA: 6304  
 OSTEOARTHRITIS: 2909, 5720, 6570  
 OSTEOARTHROPATHY, PRIMARY  
 HYPERTROPHIC: 5121  
 OSTEOARTHROPATHY, SECONDARY  
 HYPERTROPHIC: 5121  
 OSTEOBLASTS: 6105  
 OSTEOCHONDRITIS: 1569  
 OSTEOCLASTS: 5356, 6619  
 OSTEOCYTES: 5356, 5591  
 OSTEOGENESIS IMPERFECTA: 3492  
 OSTEOOMA: 3344, 5664, 6799  
 OSTEOOMA, OSTEOID: 6304, 6388, 6799  
 OSTEOMALACIA: 5579  
 OSTEOMYELITIS: 1076, 3050, 3465, 5207  
 OSTEOPELOSIS: 4320  
 OSTEOPOROSIS: 969, 1650, 1870, 2328, 2363, 5041, 5121, 5591, 5750, 6302, 6380  
 OSTOTOMY: 69, 465, 4434  
 OTITIS: 676, 3995, 6957  
 OTITIS MEDIA: 260, 1463, 1769, 1840, 4649, 5409, 6693, 6973, 7047  
 OTORHINOLARYNGOLOGIC DISEASES: 3156, 3482, 4352, 6387  
 OTORHINOLARYNGOLOGY: 615, 3391  
 OTOSCLEROSIS: 965, 4649, 6162, 6480, 6680  
 OUABAIN: 424, 1743, 1902, 2115, 3037, 4045, 4688, 5080, 5597, 6644, 6830  
 OVALBUMIN: 171, 605, 762, 795, 1114, 1340, 1367, 1377, 1420, 1452, 1878, 2103, 2342, 2390, 2713, 2738, 2869, 2895, 3032, 3064, 3443, 3456, 3553, 3860, 4230, 4289, 4787, 4805, 5169, 5196, 5240, 5355, 5420, 5902, 5944, 5974, 6747, 6868, 6998, 7087, 7091, 7112  
 OVARIAN CYSTS: 1841, 3848, 4990, 5493, 5867, 6845  
 OVARIAN DISEASES: 1841, 2466, 4990, 6845  
 OVARIAN NEOPLASMS: 2012, 2811, 3059, 3086, 3249, 3777, 4041, 4069, 4123, 5142, 5474, 5525, 6974  
 OVARY: 765, 1870, 1689, 2967, 3245, 3789, 4084, 4368, 4465-4466, 4685, 4870, 5415, 5867, 6446, 6845, 6892  
 OVULATION: 1689, 4398, 5272, 5440, 6976  
 OVUM: 366, 429, 806, 1421, 1647, 1668, 2171, 2408, 2808, 3182, 3245, 3987, 7066, 7097  
 OXACILLIN: 2313  
 OXALATES: 148, 188, 384, 757, 1609, 2121, 2779, 3016, 3477, 3489, 3793, 4670, 5407  
 OXALOACETATES: 4714  
 OXANDROLONE: 5807  
 OXAZINES: 1687  
 OXAZOLES: 43, 611, 1773, 5922  
 OXIDATION-REDUCTION: 45, 130, 475, 515, 604-605, 658, 782, 861, 898, 1111-1112, 1171, 1405, 1512, 1775, 1978, 2025, 2330, 2502, 2723, 2789, 2808, 2875-2876, 2983, 3013, 3083, 3336, 3466, 3583, 3695, 3963, 4044, 4051, 4213, 4269, 4749, 4781, 4811, 4839, 5066, 5901, 6069, 6083, 6146, 6301, 6410, 6529, 6650, 6783, 6956, 7053, 7092, 7110  
 OXIDATIVE PHOSPHORYLATION: 648, 830, 1356,

1394, 1473, 1477, 1751, 1755, 1976, 2508, 2711, 2838, 2933, 3129, 3837, 4027, 4822, 4861, 5615  
 OXIDES: 2545, 3045, 4175-4176  
 OXIDOREDUCTASES: 38, 635-637, 782, 810, 1356, 1371, 1408, 1755, 1905, 2028, 2457, 2570, 2975, 3027, 3167, 3378, 3395-3396, 3407, 3485, 3863, 4029, 4156, 4412, 4562, 4608, 4783, 5389, 5595, 5753, 6350, 6395, 6521, 6795, 7049, 7055, 7110  
 OXIMES: 6873  
 OXIMETRY: 653  
 OXOPHENARSINE: 3249  
 OXYGEN: 243-244, 371, 386, 474, 507, 557, 1042, 1120, 1318, 1349, 1640, 2205, 2262, 2265, 2336, 2429, 2628, 2933, 3009, 3024, 3206, 3254, 3393, 3472, 3651, 3840, 3863, 4098, 4228, 4405, 4551, 4598, 4797, 5023, 5334, 5466, 5660, 5824, 6020, 6100, 6177, 6258, 6515, 6650, 6875, 7042  
 OXYGEN CONSUMPTION: 43, 105, 372, 386, 1019, 1201, 1218, 1294, 1317, 1445, 1486, 1489, 1672, 1751, 1978, 2202, 2479, 2635, 2711, 3136, 3254, 3558, 4077, 4098, 4294, 4535, 4563, 4725, 5276, 5334, 5450, 5466, 5471, 5694, 6011, 6020, 6258, 6394, 6561, 6824, 6830, 6875, 6906, 6928, 6964, 7110  
 OXYGEN INHALATION THERAPY: 244, 1120, 1933, 2036, 5058, 5122, 5342, 6703, 7179  
 OXYGEN ISOTOPES: 43, 5938, 6020, 6119  
 OXYGENASES: 4562, 6394-6395, 6650  
 OXYMETHOLONE: 5318  
 OXYPHENBUTAZONE: 261, 1114, 2949, 4489, 5386  
 OXYTETRACYCLINE: 195, 7181  
 OXYTOCICS: 3820  
 OXYTOCIN: 86, 338, 2146, 3600, 5978

## P

PACEMAKER, ARTIFICIAL: 788, 3579, 5354  
 PAIN: 13, 754, 1118-1119, 1780, 3115, 3254, 3562, 3620, 4076, 4489, 4965, 5137, 5916, 6186, 6388, 6845, 7127  
 PALATAL NEOPLASMS: 381  
 PALATE: 2154, 6799  
 PALLIATIVE TREATMENT: 3925  
 PALLOR: 739  
 PALMITIC ACID: 658, 1438, 1473, 1741, 2975, 3167, 4610, 4852, 5020, 5144, 5206, 5336, 6077, 6127, 6830  
 PALPATION: 6730  
 PANCREAS: 115, 142, 171, 296, 426-427, 483, 492-493, 525-526, 687, 695, 728, 813, 820, 825, 846, 852, 861, 944, 1021, 1097, 1210, 1212, 1377, 1381, 1454, 1567, 1627, 1795, 1830, 1903, 1905, 1919-1920, 1922-1924, 2001, 2035, 2048, 2104, 2114, 2139, 2145, 2177-2178, 2182, 2215, 2335, 2343, 2432, 2456, 2461, 2545, 2552, 2566, 2682, 2744, 2783, 2966, 3083, 3153, 3212, 3250, 3273, 3285, 3316-3317, 3323, 3510, 3608, 3631, 3677, 3701, 3752, 3857, 3871, 3922, 3945, 3949, 4028, 4038-4039, 4160-4161, 4167, 4218, 4260-4261, 4310-4311, 4420, 4441, 4508, 4872, 4878, 4892-4894, 5000, 5146, 5187, 5282, 5292, 5317, 5328, 5381, 5485, 5649, 5677, 5684-5686, 5752, 5794, 5876, 5888, 5905, 5969, 5972, 5979, 5983, 6033, 6059, 6197, 6210-6213, 6340-6341, 6367-6368, 6433, 6528-6529, 6544-6545, 6575, 6603, 6646-6647, 6672-6674, 6822, 6972, 7017-7018, 7032, 7243, 7251, 7271  
 PANCREATECTOMY: 1441, 2493, 2632, 5219, 6328, 6575  
 PANCREATIC CYST: 2811  
 PANCREATIC DISEASES: 1570, 1734, 1890, 2104, 2591, 2632, 2931, 3010, 3372, 3429, 3857, 4441, 5117, 5204, 5646, 6393, 6433, 6753, 7017, 7065, 7214  
 PANCREATIC DUCTS: 682, 1734, 2461, 6674, 6753  
 PANCREATIC EXTRACTS: 1570, 3004, 3715, 5209, 6953, 7214  
 PANCREATIC FISTULA: 4508  
 PANCREATIC JUICE: 428, 682, 684, 1441, 1567, 1681, 1830, 1862, 2129-2130, 2552, 2875-2876, 2966, 3148, 3227, 3285, 3323, 3612, 4698, 5021, 5087, 5282, 5752, 6033, 6213, 6367-6368, 6393, 6528, 6627, 6672-6673, 6808, 7011  
 PANCREATIC NEOPLASMS: 1441, 1521, 1873, 1903, 2173, 2356, 3058, 3372, 3816, 3857, 5333, 6147, 6839, 7214  
 PANCREATIN: 334, 336, 1769, 3010, 3528, 3644, 3981, 5076, 5209, 6191, 7127  
 PANCREATITIS: 82, 220, 234, 296, 385, 492, 498, 596-597, 748, 887, 1086, 1124, 1212, 1441, 1724,



# SUBJECT INDEX

1734, 1852, 1964, 1984, 2104, 2134, 2177-2178, 2272, 2294, 2335, 2337, 2343, 2356, 2451, 2461, 2632, 2750-2751, 2782-2783, 3262, 3292, 3372, 3421, 3558, 3562, 3612, 3710, 3857, 4336, 4359, 4420, 4599, 4696-4699, 4872, 5716, 5814, 5931, 5950, 6273, 6628, 6692, 6753, 6755, 6821, 6854-6855, 6916, 6936, 7032, 7127, 7189, 7214, 7243, 7262  
 PANCREATOPEPTIDASE: 3, 115, 1212, 1704, 1805, 2048-2049, 2177, 2545, 2837, 2911, 2946, 3048-3049, 3212, 3247, 3763, 3922, 4038-4039, 4359, 4823, 5037, 5317, 5328, 5400-5402, 5697, 5905-5906, 6131, 6273, 6603, 6610, 6821  
 PANCREOZYMIN: 2129-2130, 2552, 3250, 3316, 3323, 3618, 4167, 5282, 5485, 5752, 6367, 7017-7019  
 PANNICULITIS, NODULAR NONSUPPURATIVE: 2830, 6089  
 PANTOTHENIC ACID: 469, 491, 925, 2209, 2847  
 PAPAINE: 180, 336, 944, 990, 1106, 1695, 1, 38, 1847, 2015, 2050, 2156, 2184, 2299-2300, 2469, 2561, 2657, 2764-2766, 2876, 2916, 2946, 3063, 3244, 3355, 3658, 3932, 3945, 3974, 4044, 4084, 4143, 4447, 4642-4643, 4742, 4823, 4837, 4875, 5087, 5240, 5328, 5367-5368, 5401, 5413, 5429, 5918, 6083, 6119, 6203, 6301, 6326, 6518, 6581, 6680-6681, 6877, 6926, 7171  
 PAPAVERINE: 338, 733, 1578, 1743, 2888, 4019, 5663, 6746, 6859  
 PAPER: 439, 1045, 1380, 1391, 2204, 2257, 2407, 2515, 3013, 3325, 3408, 3534, 3566, 3650, 4658, 5026, 5120, 6085, 7168  
 PAPILLEDEMA: 4651, 5409, 5993  
 PAPILOMA: 1560, 1671, 2375, 2818, 2867, 4253, 6007, 6333, 6345, 6374, 6550  
 PARABIOSIS: 4431, 5839  
 PARAFFIN: 1937, 3588, 5020, 6688, 6865-6866  
 PARANGANGLIOMA, NONCHROMAFFIN: 2394, 5664  
 PARA-INFLUENZA VIRUSES: 431, 4376, 6305  
 PARALYSIS: 866, 1322, 2074, 2082, 3535, 4211-4212, 5409, 6125, 6152  
 PARAMETHASONE: 3100  
 PARANASAL SINUS NEOPLASMS: 2394, 4905  
 PARANASAL SINUSES: 2185, 2350, 3173  
 PARAPLEGIA: 1451, 4539, 5935, 6590  
 PARASITES: 5792  
 PARASITIC DISEASES: 288, 6159  
 PARASYMPATHOLYTICS: 751, 4020, 5076, 5508, 5903, 6743, 7179  
 PARASYMPATHOMIMETICS: 2767, 4599  
 PARATHION: 2452  
 PARATHYROID DISEASES: 385  
 PARATHYROID GLANDS: 695, 6619, 6821  
 PARATHYROID HORMONE: 1246, 3805, 3993, 4049, 5356, 5415, 5799, 6691  
 PARATHYROID NEOPLASMS: 385, 6927  
 PARENT-CHILD RELATIONS: 58  
 PARENTERAL FEEDING: 1467, 2783  
 PARENTS: 58  
 PARESIS: 1999, 3062  
 PARGYLINE: 7039  
 PARIETAL BONE: 3945  
 PARIETAL LOBE: 216, 235, 552, 2385  
 PARITY: 391, 1275, 1472, 2146, 3605, 4577, 5156, 5978  
 PARKINSONISM: 1061, 1280, 1610, 2527, 4442  
 PARONYCHIA: 2189  
 PAROTID GLAND: 115, 1362, 3949, 5592  
 PAROTID NEOPLASMS: 721, 916, 1197, 2149, 7118  
 PAROTITIS: 6656, 7183  
 PARTIAL PRESSURE: 2262, 3393, 4228, 4584, 6020, 6177, 6258, 6911  
 PASSIVE CUTANEOUS ANAPHYLAXIS: 1089, 1099, 1287, 1333, 2633, 2684, 3121, 3974, 4742, 5974, 6247-6248, 6355  
 PASSIVE TRANSFER: 5453  
 PASTURELLA: 6437  
 PASTURELLA INFECTIONS: 4227, 6437  
 PATERNITY: 3933  
 PATIENT CARE PLANNING: 1366  
 PATIENT CARE TEAM: 3391  
 PATIENT ISOLATORS: 4962  
 PEANUTS: 142, 1920, 4037  
 PECTINS: 1649, 6924, 7197  
 PECTORALIS MUSCLES: 2970  
 PEDIATRICS: 1467, 3588, 4936  
 PEDIGREE: 16, 29, 445, 558, 862, 1226, 1256, 1361, 1532, 1609-1611, 1811, 1958, 1973, 2095, 2250, 2292, 2299, 2543, 2796, 2938, 3091, 3102, 3563, 3597, 3684, 3786, 4770, 4865, 5166, 5366, 5571,

5726, 5788, 5841, 6073, 6122, 6144, 6170, 6495, 6594, 6652, 6685, 6714, 6897, 7095  
 PELGER-HUET ANOMALY: 4159  
 PELLAGRA: 3398  
 PELVIC BONES: 242, 710, 954-955, 1076, 3441, 5448, 5584, 6125, 6260  
 PELVIC NEOPLASMS: 630, 2334, 2351  
 PELVIS: 192, 2165, 2351, 2507, 2987, 3561, 4183, 6296  
 PEMPHIGUS: 19, 1368, 2328, 2684, 4468, 5799, 6084  
 PENICILLAMINE: 949  
 PENICILLIN: 50, 267, 523, 803, 844, 949, 1023, 2074, 2180, 2615, 3153, 3452, 3828, 4131, 4157, 5127, 5737, 5909, 6233, 6984, 7181  
 PENICILLIN G: 1951, 3009, 4848, 6994  
 PENICILLIN G, BENZATHINE: 3495, 4227  
 PENICILLIN G, PROCAINE: 1887  
 PENICILLIN RESISTANCE: 523, 2349-2350  
 PENICILLINASE: 3610  
 PENICILLIUM: 897, 6022  
 PENILE DISEASES: 3503, 6407, 6669  
 PENILE NEOPLASMS: 995, 1335  
 PENTOBARBITAL: 732, 2420  
 PENTOSES: 1330, 3408, 5623  
 PEP SIN: 3, 376, 540, 712-713, 944, 1012, 1017, 1075, 1287, 1299, 1354, 1364, 1380, 1647, 1649, 1690, 1769, 1983, 2015, 2171, 2184, 2541, 2586, 2638, 2657, 2703, 2723, 2741, 2757, 2984, 2999, 3063, 3116, 3339, 3349, 3353, 3408, 3422, 3603, 3860, 4044, 4074, 4143, 4161, 4168, 4274, 4379, 4509, 4609, 4723, 4742, 5051, 5125, 5146, 5203, 5311-5312, 5401, 5420, 5601, 5759, 5938, 5970, 6131-6132, 6157, 6432, 6462, 6465, 6576, 6626, 6681, 6742, 6808-6809, 6868  
 PEPTIC ULCER: 49, 826, 1349, 1649, 2284, 2721, 3228, 4534, 5018, 5150, 5302, 5342, 6742  
 PEPTIC ULCER HEMORRHAGE: 49, 448, 1600, 1691, 4463, 5150, 5998, 6413  
 PEPTIC ULCER PERFORATION: 2721, 5150  
 PEPTIDE HYDROLASES: 3, 32, 43, 45, 99, 106-107, 122, 128, 130, 139, 179-180, 196, 199, 218-220, 237, 264, 302, 312, 325-326, 334, 339, 364-366, 370, 376-377, 406-407, 420, 428-429, 450, 490, 492-493, 517-518, 531-532, 546, 556, 604, 619, 648, 652, 682, 728, 740, 781, 793, 795, 805-807, 812, 815, 820, 825, 832, 840-841, 856, 859, 867, 897, 899, 966, 968, 1006, 1012, 1017, 1057, 1065, 1075, 1096-1097, 1122, 1211, 1218, 1235, 1259-1260, 1316, 1331-1332, 1364, 1385, 1400, 1405, 1408, 1415-1416, 1440, 1454, 1476, 1482, 1488, 1501, 1510-1511, 1513, 1517, 1558, 1561, 1570, 1585, 1623-1626, 1628, 1649, 1652, 1657, 1663, 1676, 1689-1690, 1695, 1698, 1713, 1733, 1738, 1763, 1791, 1819, 1825, 1858, 1883, 1905, 1915, 1918, 1939, 1961, 1963, 2006-2007, 2050, 2064-2065, 2067, 2104, 2114-2115, 2140-2141, 2145, 2150, 2152, 2169, 2176, 2191-2192, 2227, 2290, 2305, 2333, 2356, 2379-2380, 2420, 2430, 2433, 2449, 2461, 2467, 2485, 2508, 2525, 2534, 2545, 2561-2562, 2567, 2588, 2602, 2610-2611, 2616, 2622, 2630, 2653, 2665, 2682-2687, 2713, 2716, 2738, 2738-2739, 2741, 2757, 2760, 2765-2766, 2791, 2795, 2808, 2811, 2839-2840, 2851, 2907, 2909, 2911-2913, 2921, 2937, 2956-2957, 2966, 2976, 2989, 2999, 3001, 3006, 3010, 3014, 3027, 3036, 3046, 3048, 3050, 3078, 3083, 3115-3116, 3128, 3130, 3134, 3137, 3140, 3148, 3162, 3164-3165, 3169, 3185, 3190, 3193, 3212, 3228, 3244, 3247-3248, 3252, 3273, 3279, 3285, 3290, 3316, 3336, 3339, 3341-3342, 3349, 3358, 3371, 3376, 3388, 3395-3396, 3399, 3408, 3412, 3429, 3443, 3460, 3491, 3498, 3518, 3522, 3524, 3528, 3533, 3566, 3574, 3610, 3621-3622, 3660, 3678-3679, 3694, 3704, 3708, 3715, 3724, 3728-3731, 3733, 3752, 3767, 3777, 3797, 3827, 3840, 3889, 3910, 3924, 3986-3987, 3993, 4011, 4019, 4022-4023, 4037-4039, 4045, 4047-4048, 4142, 4151, 4156, 4213, 4233, 4237, 4240, 4242, 4250, 4257-4260, 4265-4268, 4273, 4299, 4305-4306, 4312, 4322-4324, 4334-4335, 4349, 4352, 4357, 4373-4376, 4383, 4403, 4433, 4437, 4444  
 4447, 4473-4475, 4504, 4508, 4525, 4529, 4562, 4566, 4571, 4601, 4618, 4623, 4665, 4667, 4697, 4699-4701, 4709, 4711, 4715, 4723, 4726, 4739, 4794-4795, 4799-4800, 4804, 4816, 4835, 4852, 4875, 4878, 4906, 4910, 4928, 4935, 4945-4946, 4988, 5000, 5018, 5067, 5076-5077, 5120, 5128, 5139, 5146, 5165, 5171-5172, 5188, 5203, 5207, 5217, 5240, 5242, 5264, 5317, 5345, 5356, 5377-5378, 5387, 5429, 5441, 5483, 5493, 5512, 5534-5536,

5561, 5575, 5591, 5601, 5614, 5617, 5619-5620, 5624, 5649, 5651, 5657-5658, 5694, 5697, 5710, 5714, 5753, 5783, 5785, 5792, 5820, 5856, 5870, 5877-5878, 5887-5888, 5895, 5916, 5945, 5968, 6000-6001, 6006, 6022-6026, 6041, 6049-6051, 6054, 6085-6086, 6091, 6106, 6131-6132, 6138, 6158, 6167, 6213, 6249, 6251, 6255, 6261, 6270, 6273, 6280, 6282, 6301, 6311-6314, 6321-6322, 6327, 6336, 6340, 6350-6352, 6367, 6383-6385, 6393, 6442-6443, 6467, 6473, 6475, 6522, 6536-6537, 6544-6545, 6547-6548, 6553, 6566, 6576-6581, 6596, 6614, 6619, 6629, 6640, 6651, 6679, 6689, 6692-6693, 6767, 6791, 6801, 6817, 6821, 6846-6847, 6853, 6888, 6901, 6918, 6965, 6987, 7004, 7011, 7037-7038, 7043-7044, 7053, 7055, 7060, 7069, 7093-7094, 7096, 7106, 7128, 7137-7139, 7155, 7167, 7170-7171, 7180, 7200, 7203, 7218, 7224, 7259, 7262  
 PEPTIDE PEPTIDOHYDROLASES: 76, 115, 223, 376, 426-427, 505, 677, 723, 778, 783, 841, 861, 927, 966, 989, 1108, 1117, 1135, 1139, 1226, 1321, 1333, 1340, 1483, 1538, 1550, 1565, 1653, 1866-1867, 1983, 2033, 2050, 2113, 2156, 2175, 2184, 2197, 2211, 2217, 2241, 2244, 2294, 2311, 2399, 2486, 2490, 2566, 2576, 2638, 2684, 2741, 2747, 2783, 2802, 2864, 2866, 2939, 2975-2976, 2988, 2999, 3008, 3030, 3034, 3212, 3223, 3227, 3315, 3349, 3565, 3631, 3658, 3666, 3677, 3710, 3742, 3800, 3888, 3898, 3908, 3926, 3932, 3945, 4039, 4044, 4063, 4072, 4068, 4193, 4214, 4233, 4266, 4349, 4441, 4476, 4506, 4553, 4573, 4628, 4659, 4666, 4684, 4810-4811, 4837, 4898, 5038, 5059, 5106-5107, 5125, 5203, 5240, 5281, 5328, 5401, 5413, 5464, 5481, 5759, 5783, 5885, 5923, 5953, 5979, 6012, 6118-6119, 6157, 6164, 6186, 6197, 6203, 6228, 6335, 6409, 6542-6543, 6559, 6571, 6582, 6610, 6627-6628, 6681, 6723, 6733, 6926, 7102, 7171  
 PEPTIDES: 19, 29, 45, 76, 104, 128, 145, 150-151, 179, 223, 264, 266, 297, 302, 326, 335, 348, 370, 384, 403, 427, 507, 531, 565, 589, 594-595, 605, 613, 663-664, 686, 706, 712-713, 727-728, 744, 771, 777, 787, 790, 795-796, 805, 813, 822, 840, 860, 864, 918, 928, 953, 968, 978-979, 990, 996, 1001, 1013, 1119, 1140, 1154, 1171, 1179, 1216, 1231, 1273, 1287, 1299, 1300, 1340-1341, 1348, 1380-1381, 1391, 1406, 1452, 1478, 1495-1496, 1576, 1631, 1647, 1653, 1676, 1713, 1817, 1864, 1878, 1889, 1924, 1932, 1940, 1978, 1983, 2019, 2038, 2049, 2103, 2135, 2141, 2176, 2204, 2217, 2221, 2256-2257, 2308, 2379-2380, 2393, 2430, 2445, 2486, 2526, 2567, 2593, 2595, 2621, 2623, 2630, 2652, 2683, 2722, 2741, 2748, 2752, 2797, 2806, 2813-2814, 2828, 2848, 2875-2876, 2881, 2924, 2939, 2961, 2974, 2984-2985, 2988, 2999, 3013, 3044, 3046, 3083-3085, 3109, 3162, 3169, 3192, 3202, 3218, 3221, 3241, 3260, 3270-3271, 3280, 3336, 3347, 3355, 3510, 3553, 3577, 3584, 3611, 3627, 3629, 3658, 3668, 3672-3673, 3688, 3695, 3724, 3728, 3730, 3733, 3742, 3753, 3784, 3806, 3826, 3837, 3891, 3908, 3926, 3949, 3967, 3982-3983, 4022, 4028, 4044, 4064, 4088, 4112, 4119, 4149, 4175-4177, 4197-4198, 4213, 4228, 4240, 4242, 4267, 4273-4274, 4289, 4310-4313, 4347, 4349, 4373-4375, 4415, 4444, 4446-4447, 4476, 4506, 4535, 4537, 4555, 4609, 4658, 4663, 4692, 4715, 4733, 4742, 4759, 4768, 4796, 4824, 4846, 4870, 4921, 4928, 4988, 5000, 5021, 5051, 5059-5060, 5064, 5067, 5079, 5087, 5125, 5128, 5161, 5169, 5188, 5246, 5262, 5281, 5288, 5292, 5327, 5369, 5381, 5405, 5413, 5433-5434, 5455, 5463, 5483, 5486-5487, 5513, 5551, 5557, 5612, 5617, 5637, 5651, 5759, 5771, 5776, 5808, 5818, 5885, 5902, 5914, 5944, 5967, 6002, 6014, 6051, 6069, 6083, 6118, 6131-6132, 6144, 6146-6147, 6154, 6161, 6166, 6171, 6178, 6204, 6220-6221, 6263, 6280, 6325-6326, 6331-6332, 6335, 6348, 6366, 6383-6384, 6401, 6430, 6443, 6461-6463, 6475, 6527-6529, 6538, 6544-6545, 6553, 6559, 6617, 6626, 6684, 6779, 6783, 6802, 6808-6809, 6847, 6929, 6938, 6950, 6952, 6966-6967, 6969, 6992, 6999, 7034, 7061, 7069, 7097, 7115, 7144, 7170, 7260  
 PEPTONES: 1108, 1461, 1537, 2130, 2648, 4047, 4444, 6487  
 PEPTOSTREPTOCOCCUS: 127  
 PERCEPTUAL DISORDERS: 216, 236, 3506  
 PERCHLORIC ACIDS: 5765, 6250  
 PERFUSION: 23, 86, 103, 337, 457, 503, 658, 729, 852, 912, 1000, 1064, 1471, 1612, 1768, 1844, 2129-2130, 2157, 2205, 2689, 2958, 3077, 3123-3124, 3184, 3488, 3592, 3664-3665, 3718, 3773, 4278,



# SUBJECT INDEX

- 4500, 4503, 4529, 4539, 4584, 4638, 4754, 4792, 4969, 5061, 5179, 5282, 5381, 5421, 5493, 5513, 5544, 5568, 5661, 6605
- PERIAPICAL ABSCESS: 880
- PERIARTERITIS NODOSA: 240, 413, 468, 792, 2263, 3110, 4187, 4740, 4989, 6397, 6787
- PERICARDIAL EFFUSION: 1037, 1736, 2592, 3002, 3781
- PERICARDITIS: 2446, 3002
- PERICARDITIS, CONSTRICTIVE: 416, 2446, 3002
- PERICARDIUM: 1037, 2812, 2871, 3607, 4026, 4480, 4608, 5143, 5636, 6060
- PERIMETRY: 5385
- PERINEUM: 1174, 5819
- PERIODIC ACIDS: 130, 2269, 2488, 2962, 3256, 3408, 4007, 4110, 4213, 4357, 4427, 5264, 5766, 5878, 6106, 7089
- PERIODICITY: 319, 3986
- PERIODONTAL DISEASES: 2058, 2195, 4197, 4518, 6354, 6869
- PERIODONTITIS: 4306
- PERIODONTIUM: 2058, 4443
- PERIOSTEUM: 6125
- PERIOSTITIS: 5121
- PERIPHERAL NERVE DISEASES: 1072, 4882, 6491, 6841
- PERIPHERAL NERVE NEOPLASMS: 577, 3535, 5469
- PERIPHERAL NERVES: 723, 966, 1940, 2074, 5805, 7167
- PERIPHLEBITIS: 3813
- PERISSODACTYLA: 775, 1790, 2828
- PERITONEAL CAVITY: 2542, 2619, 2934, 3578, 3836, 3977, 4216, 5493
- PERITONEAL DIALYSIS: 1085, 1360, 1774, 2082, 2702, 2750-2751, 3500, 3604, 3750, 4340, 5061, 5238, 5416, 5460, 5715, 6232, 6428
- PERITONEAL DISEASES: 1418, 2224, 2794, 4478, 5140, 5278, 5815
- PERITONEAL NEOPLASMS: 3293-3294, 3999, 4035, 5350, 5493, 6305, 6653
- PERITONEUM: 298, 1255, 1725, 2793-2794, 3871, 4465-4466, 4480, 5074, 5143, 5216, 5240, 5680, 5715, 5983, 5989, 6766, 6855
- PERITONITIS: 801, 1076, 1120, 3292, 3702, 3991, 4497, 5204, 5350, 5509, 5680, 5762, 5963, 5989, 6766
- PERMEABILITY: 43, 1551, 2437, 3399, 3837, 5003, 5661, 5756, 5916, 7044, 7167
- PERMEASES: 2906
- PEROXIDASES: 106, 336, 1775, 1790, 2269, 2657, 2865, 3628, 4116, 5677, 6932
- PEROXIDES: 1647, 2576, 4731-4732, 5759
- PERTUSSIS VACCINE: 3622, 6919
- PESTICIDES: 1588, 6686
- PETROLATUM: 83
- PETROUS BONE: 4677
- PEUTZ-JEGHERS SYNDROME: 1208, 1459
- PHAGOCYTOSIS: 118, 124, 263, 478, 847, 1326, 1344, 1383, 1387, 1438, 1604, 1709, 1929, 2068, 2268, 2481, 2662, 2697-2698, 2749, 2934, 3003, 3076, 3472, 3696, 3833, 3977, 4366, 4436-4437, 4471, 4747, 5020, 5185, 5237, 5240, 5583, 5770, 6136, 6210-6212, 6252, 6591, 6642, 6715, 6811, 6865, 7084, 7114
- PHARMACEUTIC AIDS: 208, 390, 1468, 6763
- PHARMACOGENETICS: 1411-1412, 1702-1703, 4753, 4770, 6707-6708, 7223, 7261
- PHARMACOLOGY: 702, 851, 3856, 6814
- PHARMACOPOLYMERAS, HOMEOPATHIC: 5494
- PHARYNGEAL DISEASES: 490, 1081, 2287, 4299, 5304, 7183
- PHARYNGEAL NEOPLASMS: 490, 1389, 3249, 3391, 5544
- PHARYNGECTOMY: 490
- PHARYNGITIS: 1887, 2694-2695, 2788
- PHARYNX: 1560, 2328, 3620
- PHENACETIN: 24, 1703, 1806
- PHENANTHROLES: 636, 1755, 3565, 4265-4267
- PHENAZINES: 3863, 4007
- PHENELZINE: 1703, 7039
- PHENETHYLAMINES: 397, 6250, 6391
- PHENFORMIN: 982, 1757-1759, 4185-4186, 4188, 5181
- PHENINDIONE: 294, 1149, 1177, 2136, 2360, 2742, 2758, 2963, 3176, 3375, 3521, 3635, 3894, 4264, 4488, 4576, 4769-4770, 5730, 5807, 5935, 6230, 7177
- PHENIPRAZINE: 1580
- PHENTRAMINE: 3140
- PHENMETRAZINE: 761
- PHENOBARBITAL: 851, 1141, 1516, 1701, 2673, 4016, 4345, 6903, 6975
- PHENOLPHTHALEINS: 2330
- PHENOLS: 567, 771, 794-795, 830, 1603, 2145, 2951, 3450, 4257-4258, 4514, 4831, 4912, 5230, 5238, 5420, 5875, 5878, 6359, 6650
- PHENOTHIAZINES: 73, 368, 4007, 4019, 4223, 6555, 7206
- PHENOTYPE: 1703, 1726, 1730-1731, 1958, 3660, 4326, 5589, 5620, 6144, 6289, 6714, 6963, 6978, 7067
- PHENOXYBENZAMINE: 1158, 1699, 2365, 2841, 3564, 3885-3886, 4436-4437
- PHENTOLAMINE: 338, 642, 942, 1743, 3424, 4032, 4239
- PHENYLACETATES: 1115, 1681, 2297, 2951, 3602, 5671, 6791
- PHENYLALANINE: 892, 1273, 1454, 1763, 1808, 2145, 2951, 2986, 3109, 3162, 3347, 3427, 3619, 3733, 4175, 4721, 5000, 5483, 5938-5939, 5945, 6003, 6069, 6166, 6518, 6522, 7026, 7061, 7135
- PHENYLBUTAZONE: 261, 661, 733, 851, 1114, 1365, 1702, 1743, 1966, 2030, 2188, 2673, 2903, 2969, 3220, 3225, 3287, 3775, 3896, 4469, 4513, 4933, 4973, 4995, 5386, 5663, 5720, 6110, 6516, 6536, 6707-6708, 6746, 6790, 6903, 7044, 7191
- PHENYLBUTYRATES: 3638
- PHENYLEPHRINE: 5295
- PHENYLHYDRAZINE: 264, 414, 846, 1755, 2028, 3129, 3989, 6847, 6964, 6967
- PHENYLKETONURIA: 6003
- PHENYLTHIOUREA: 6707-6708
- PHENYRAMIDOL: 3220
- PHEOCHROMOCYTOMA: 1281, 3144
- PHILOSOPHY, MEDICAL: 6750
- PHLEBITIS: 903, 1572, 2205, 3570, 3792, 4188, 4202-4203, 4900, 5393, 6285, 6493
- PHLEBOGRAPHY: 22, 207, 418, 784, 786, 873, 924, 1236, 1559, 1568, 1606, 1855, 1912, 1927, 2189, 2316, 2384, 2477, 2579, 2874, 3201, 3251, 3481, 4428-4429, 4479, 4685, 4864, 5056, 5294, 6525, 6666, 6718
- PHLEGMON: 880, 2189, 5207
- PHONOCARDIOGRAPHY: 2954, 5253, 5729
- PHOSPHATES: 34, 228, 532, 546, 1033-1034, 1058, 1296, 1791, 1802, 1905, 2305, 2713, 2896, 2941, 3109, 3944, 4029, 4033, 4156, 4158, 4433, 4763, 5888, 5953, 6158, 6319, 6336, 6985, 6979, 7060, 7171
- PHOSPHATES: 249, 347, 567, 609, 677, 741, 794, 831, 968, 998, 1290, 1317-1318, 1383, 1394, 1660, 2080, 2173, 2238, 2479, 2498, 2779, 2838, 3007-3008, 3055, 3425, 3530, 3889, 4060, 4248, 4452, 4686-4688, 4726, 4775, 4861, 5370, 5395, 5407, 5483, 5579, 5896, 5944, 6027, 6143, 6167, 6222, 6258, 6265, 6691, 6741
- PHOSPHOFRUCTOKINASE: 249-250, 1147, 1394, 1474, 4798, 6617
- PHOSPHOGLUCOMUTASE: 110, 2433, 5343, 5512, 5619, 5689
- PHOSPHOGLUCONATE DEHYDROGENASE: 1454, 1474, 5595, 6549
- PHOSPHOGLYCERATE KINASE: 1474, 2933, 4798
- PHOSPHOINOSITIDES: 162-163, 893, 2481, 3657, 3804, 6162
- PHOSPHOLIPASE: 118, 122, 203, 617, 652, 935, 1212, 1551, 1696, 2015, 2115, 2335, 3213, 3887, 4028, 4270-4271, 4357, 4546, 4675, 4683, 4723, 4930, 5028, 5592, 5658, 5697, 6013, 6336, 6394, 6748, 6821, 6989, 7262
- PHOSPHOLIPIDS: 7, 162-163, 269, 374, 450, 477, 509, 575, 741, 893, 938, 1027, 1110-1111, 1155, 1213, 1319, 1398, 1464, 1556, 1625, 1744, 2017, 2080, 2407, 2427, 2443, 2481, 2521, 2672, 2929, 2978, 3008, 3016, 3051, 3090, 3167, 3206, 3280, 3529, 3545, 3657, 3832, 4616, 4627, 4849, 4916, 5145, 5148, 5164, 5395, 5457, 5568, 5873, 5941, 6013, 6327, 6510, 6536, 6549, 6905, 6989, 7070-7071, 7160, 7171
- PHOSPHONIC ACIDS: 4387
- PHOSPHOPEPTIDES: 4158
- PHOSPHOPYRUVATE HYDRATASE: 7008
- PHOSPHORIC ACIDS: 3844, 3945, 4038, 4683, 4849, 5854, 6429
- PHOSPHORUS: 668, 799, 822, 1477, 1795, 1830, 2452, 2813-2814, 3530, 3981, 4610, 4696, 4923, 5119, 5615, 6661, 7000, 7027
- PHOSPHORUS ISOTOPES: 35, 263, 301, 340, 427, 531, 567, 578, 822, 846, 935-936, 1464, 1552, 1696, 1751, 1755, 1795, 1902, 2060, 2172, 2338, 2631, 2660, 2662, 2717, 2941, 3006, 3209, 3286, 3530, 3668, 4052, 4060, 4158, 4198, 4257-4258, 4270, 4452, 4498, 4930, 5302, 5395, 5410, 5598, 5741, 5743, 5797, 5881-5883, 5888, 5940, 6167, 6188, 6370, 6549, 6791, 6989, 7000, 7089
- PHOSPHORYLASE KINASE: 2746, 7000
- PHOSPHOTRANSFERASES: 301, 1380, 1474, 1791, 2659, 2661, 2749, 2932, 2941, 3485, 4158, 5635, 6370, 6440, 7178
- PHOSPHOTUNGSTIC ACID: 936, 3873, 5995
- PHOTOGRAPHY: 391, 577, 1764, 2489, 3127, 3275, 4092-4093, 5321, 5708, 5958
- PHOTOMETRY: 249, 1982, 2620, 3615, 4688, 4917, 4986, 5794, 6341, 6456
- PHOTOMICROGRAPHY: 149, 874, 2050, 2407, 3968, 4226, 5374
- PHOTOSENSITIZATION: 2760, 6247-6248
- PHOTOSYNTHESIS: 4598
- PTHALIC ACID: 2051, 2886, 3994, 5854
- PHYCOMYCETES: 6280
- PHYSICAL EDUCATION AND TRAINING: 4560
- PHYSICAL EXAMINATION: 84, 391, 688, 784, 3517, 5998, 6762
- PHYSICAL THERAPY: 189, 2060, 4450, 5341
- PHYSICIAN-PATIENT RELATIONS: 48, 6080
- PHYSICS: 568, 3018, 4269, 7162
- PHYSIOGNOMY: 235
- PHYSIOLOGY: 1041, 2232, 5622, 6210
- PHYSIOLOGY, COMPARATIVE: 2075, 3094
- PHYSOSTIGMINE: 1809, 3035, 4266, 6033
- PHYTONADIONE: 287, 441, 1101, 2847, 3089, 3171, 3184, 3675, 4087, 4809, 5277, 5379, 5643, 6087, 6416, 6569, 7270
- PIA MATER: 5695
- PICA: 5654
- PICOLINIC ACIDS: 2197
- PICORNAVIRUS: 3816
- PIERRE ROBIN SYNDROME: 1560
- PIGEONS: 440, 491, 515, 771, 2350, 3686, 3765, 3850
- PIGMENTATION: 1536, 2349-2350, 3625, 4029, 4860
- PIGMENTATION DISORDERS: 894, 2195, 5010, 5609
- PIGMENTS: 1849, 2015, 2489, 2789, 3603, 3697, 4572, 6979, 7092
- PILOCARPINE: 347, 1279, 2827
- PIMELIC ACID: 130, 728, 6384
- PINEAL BODY: 3313
- PINEALOMA: 4751, 5409, 5993
- PINOCTOSIS: 263, 1363, 3586, 3811, 4924, 5547, 6194, 6210-6212
- PIPERAZINES: 1096, 5696
- PIPERIDINES: 4387, 6345
- PITUITARY-ADRENAL SYSTEM: 6391
- PITUITARY DISEASES: 6464
- PITUITARY GLAND: 481, 703, 1348, 2722, 2837, 3548, 3583, 3763, 4644, 5141, 5990, 6210-6212, 7061
- PITUITARY GLAND, POSTERIOR: 2330
- PITUITARY HORMONE RELEASING FACTORS: 376
- PITUITARY HORMONES, POSTERIOR: 4921
- PITUITARY NEOPLASMS: 80, 5385, 5758
- PLACEBOS: 296, 560, 564, 1198, 1603, 2059, 2454, 2499, 2665, 2694, 2699, 2845, 3197, 3334, 3757, 3813, 4219, 4689, 5280, 5603, 6133, 6435, 7039, 7065, 7244
- PLACENTA: 217, 268, 580, 651, 815, 1363, 1543, 2043, 2087, 2253, 2408, 2548, 2715, 2893, 3004, 3660, 3692, 3815, 3835, 3933, 3955, 4316-4318, 4840, 5008, 5014, 5057, 5503, 5647, 5811, 5839, 5959, 5981, 5984, 6044, 6300, 6316, 6512, 6611, 6731, 6804, 6887, 6949
- PLACENTA ACCRETA: 6648
- PLACENTA DISORDERS: 530, 2557, 3239-3240, 4318, 5014, 5503, 5647, 5811, 5839, 5959, 6804, 6949, 6962
- PLACENTA PRAEVIA: 581, 1875, 3414
- PLACENTAL EXTRACTS: 3103, 5985
- PLAGUE: 3883
- PLANT AGGLUTININS: 254, 485, 551, 655, 1024, 1313, 1370, 1613, 1698, 1958, 2222, 2488, 2512, 2934, 3336-3337, 3724, 3728, 3866, 4911, 5041, 5088, 5812, 6489, 6578-6579, 6899, 7040
- PLANT DISEASES: 1416
- PLANT EXTRACTS: 128, 1121, 1354, 1645, 1695, 2805, 2823, 3348, 3693, 4037, 4182, 5076, 5172, 5380, 5721, 6781
- PLANT GROWTH REGULATORS: 2791



# SUBJECT INDEX

- PLANT POISONING: 5655  
 PLANT PROTEINS: 250, 1402, 2791, 3252, 3666, 3693, 3844, 5539-5540, 7092, 7115, 7171  
 PLANT VIRUSES: 1416, 3264, 3636, 5327, 5808  
 PLANTS: 128, 304, 370, 613, 1065, 1341, 2294, 2447, 2576, 2816, 2791, 2974, 3079, 3320, 3574, 3602, 3675, 3693, 3844, 3863, 3989, 5172, 5281, 5380, 5649, 6359, 6430, 6926, 7007, 7069  
 PLANTS, EDIBLE: 1207, 2766, 2823, 2907, 3779, 4168, 5539  
 PLANTS, MEDICINAL: 2665, 2781, 3348, 5172, 6781, 7171  
 PLASMA: 314, 541, 677, 823, 927, 1015, 1098, 1166, 1168, 1263, 1352, 1467, 1470, 1700, 1728, 1928, 1944, 1954, 2069, 2216, 2401, 2426, 2530, 2594, 2634, 2637, 2733, 2747, 2778, 2850, 2865, 3018, 3122, 3411, 3490, 3534, 3632, 3947, 3992, 4155, 4222, 4244, 4298, 4452, 4625, 4645, 4660, 4693-4694, 4938, 4999, 5003, 5011, 5162, 5210, 5233, 5275, 5352, 5400, 5430, 5503, 5516, 5732, 5778, 5786, 5859, 6028, 6065, 6116, 6127, 6644, 6739-6740, 6803, 6861, 6871, 7116, 7162, 7231, 7240  
 PLASMA CELLS: 4946, 5227, 7159  
 PLASMA SUBSTITUTES: 362, 1018, 1467, 1618-1620, 1699, 1707, 1822, 1826, 2265, 2325, 2441, 2504, 2732, 3458, 3539, 3643, 3817, 3825, 3838, 3953, 3990, 4241, 4432, 4500, 4536, 4563, 4914, 4974, 5014, 5017, 5033, 5089, 5110, 5331, 5359, 5751, 6048, 6229, 6237, 6371, 6485, 6507, 6530, 6773, 7180, 7257  
 PLASMA VOLUME: 290, 1822, 2177, 2413, 2494, 4938, 5173, 5352, 5437, 6944  
 PLASMACYTOMA: 2135, 3120, 3183, 3411, 4253, 4888, 5664, 6388, 7159  
 PLASMALOGENS: 1110  
 PLASMAPHERESIS: 949, 1106, 1109, 2763, 3572, 3632, 3692, 4111, 4263, 4332, 4415, 5497, 5930, 6028, 6142, 6906, 7028, 7209  
 PLASMINOGEN: 42, 134, 136, 146, 155, 178, 180, 246-247, 394, 461, 496, 553, 564, 574, 581, 586-587, 649, 717-718, 742, 794, 942, 1143, 1189-1190, 1192, 1291, 1303, 1309, 1386, 1553, 1612, 1633-1634, 1638, 1672, 1736, 1822, 1979, 1988, 2034, 2059, 2111, 2208, 2249, 2286, 2309, 2352-2353, 2377-2378, 2475, 2498, 2501, 2611, 2630, 2670, 2829, 2831, 2917, 3098, 3103, 3165, 3219, 3359, 3488, 3567-3571, 3679, 3721-3722, 3747, 3778, 3888, 3904, 3941, 3943, 4000, 4046, 4183, 4190, 4192, 4363, 4372, 4393, 4413, 4480, 4484, 4494, 4581, 4595, 4615, 4619, 4707, 4747, 4786-4787, 4792, 4971-4972, 4975, 4994, 4997, 5017, 5027, 5242, 5259, 5289, 5373, 5471, 5555, 5583, 5605, 5634, 5809, 5870, 5889, 6244, 6343, 6425, 6499, 6512, 6533, 6563-6564, 6611, 6642, 6892, 7022-7023, 7035, 7076-7078, 7098, 7137  
 PLASMODIUM: 3533, 5666, 5773, 5980  
 PLASMODIUM FALCIPARUM: 905, 1326, 4569  
 PLASMODIUM VIVAX: 1326  
 PLASTICS: 1383, 2051, 2799, 2885-2886, 3122, 3994, 4434, 4458, 5436, 5881, 6793  
 PLATELET ADHESIVENESS: 41, 114, 186, 191, 246-247, 333, 412, 421, 459-460, 478-479, 592-593, 598, 641-643, 649, 698, 733, 763, 785, 874, 886, 949, 960, 982, 996, 1079, 1084, 1156, 1220, 1223, 1280-1281, 1308, 1338, 1424, 1453, 1493, 1532, 1580, 1589, 1644, 1662, 1665-1666, 1708, 1743-1744, 1746, 1757-1759, 1822, 1826, 1910, 1929, 1949, 2008-2009, 2017, 2268, 2268, 2301, 2304, 2310, 2332, 2371-2372, 2383, 2416, 2453, 2539, 2541, 2620, 2649, 2662, 2672, 2701-2702, 2730, 2749, 2807, 2821, 2824, 2830, 2882, 2950-2951, 2969, 3015, 3043, 3092, 3170, 3181, 3235-3236, 3298, 3457-3458, 3474, 3496, 3505, 3537, 3597, 3614-3615, 3652, 3831-3832, 3841, 3904, 3932, 3936, 3979, 4019, 4032-4033, 4101, 4133-4134, 4150, 4201, 4222, 4341, 4368, 4423, 4470-4471, 4513, 4563, 4586, 4596, 4681, 4719, 4728, 4853, 4865, 4886, 4922, 4929, 4933-4934, 4958, 4968, 4973, 5017, 5029, 5110, 5115, 5131-5133, 5138, 5167, 5176, 5238, 5242, 5298, 5338, 5347-5348, 5431, 5518-5520, 5545-5546, 5565, 5571-5572, 5598, 5663, 5859, 5868, 5898, 5900, 5977, 6056, 6097, 6122, 6136, 6142, 6179, 6240, 6276, 6308-6309, 6396, 6400, 6417, 6424, 6456, 6486, 6523-6524, 6531, 6642, 6746, 6773, 6775, 6810-6811, 6838, 6864, 6895, 6897, 6931-6933, 7005, 7056, 7063, 7072, 7075, 7078, 7133-7134, 7181, 7197  
 PLATINUM: 1422, 4657, 6203  
 PLETHYSMOGRAPHY: 345, 931, 1460, 2058, 2194, 4725, 6768  
 PLEURA: 3232, 4480, 5143, 5216, 5636, 5983, 6398  
 PLEURAL DISEASES: 204, 626, 801, 4915, 6152, 7014  
 PLEURAL EFFUSION: 574, 4575, 5384  
 PLEURAL NEOPLASMS: 628, 3999  
 PNEUMOCOCCAL INFECTIONS: 50, 554-555, 2143, 2213, 3009, 6214  
 PNEUMOENCEPHALOGRAPHY: 215, 1671, 1776, 1831, 2264, 3463, 5236, 6343  
 PNEUMONECTOMY: 42, 646, 1258, 2441, 2832, 3232, 4590, 5596, 6530, 7118  
 PNEUMONIA: 408, 436, 1876, 2787, 3306, 3332, 3585, 4807, 4908, 5254, 5688, 5842  
 PNEUMONIA, INTERSTITIAL PLASMA CELL: 2740  
 PNEUMOPERITONEUM, ARTIFICIAL: 4208, 4990  
 PNEUMOTHORAX: 574, 1466, 4915, 5028, 5577, 6703, 6955, 7140-7141  
 PNEUMOTHORAX, ARTIFICIAL: 626  
 PODOPHYLLIN: 2, 4809  
 POISONING: 2082, 3588, 4036, 5643, 6052, 6252  
 POISONS: 4532  
 POLAND: 4738  
 POLAROGRAPHY: 931, 1976, 3590, 4307, 4907  
 POLIOMYELITIS: 6721  
 POLIOVIRUS: 326, 992, 1154, 3162, 4831, 4838, 5025, 6014, 6305  
 POLLEN: 1483, 3252  
 POLYCYTHEMIA: 846, 1315, 1566, 1685, 2173, 2849, 3099, 3299, 3411, 3479, 3745, 4338, 5007, 5466, 5538, 5682, 5741, 5797, 6078, 6303, 6338, 6839, 6887, 6906, 7236  
 POLYCYTHEMIA VERA: 93, 1433, 2519, 2631, 3576, 3769, 4426, 4498-4499, 5410, 5610, 5797, 7144  
 POLYETHYLENES: 459-460, 818, 2129, 2701, 2883, 3152, 3841, 4070, 4434, 5838, 6885, 7089  
 POLYMERS: 33, 264, 404, 495, 634, 1602, 1874, 2158, 2346, 2655, 2777, 2799, 2882, 3104, 3841, 4070, 4119, 4544, 5715, 5729-5730, 5828, 5836, 5853, 6171, 6183, 6185, 6203, 6615, 6636, 6662, 6724, 6775, 6998, 7194  
 POLYMORPHISM (GENETICS): 1703, 1730-1731, 3200, 3253, 5620, 6144  
 POLYMYXIN: 210, 1481, 2402, 4600, 4786, 5961, 7181  
 POLYNEURITIS: 1703, 4166  
 POLYNUCLEOTIDES: 531, 543, 805, 1273, 1779, 2445, 2729, 3577, 4625, 5888, 6166, 6454  
 POLYOMA VIRUS: 945, 1752-1753, 2490, 2805, 5073, 5611  
 POLYPOIDY: 1976, 4917, 5662, 6597  
 POLYPS: 1035, 1426, 1707, 2867, 4253, 4748, 5496, 8882  
 POLYRADICULITIS: 6721  
 POLYSACCHARIDES: 249, 727, 940, 968, 1065, 1075, 1202, 1438, 1585, 1649, 1963, 2103, 2223, 2430, 2435, 2502, 2875-2876, 2909, 3079, 3084-3085, 3101, 3104, 3371, 3451, 3662, 3700, 3899, 4312, 4363, 4427, 4768, 5022, 5057, 5145, 5487, 5611, 5878, 6129, 6164, 6191, 6280, 6390, 6454, 6578, 6924, 7115  
 POLYSACCHARIDES, BACTERIAL: 179, 728, 2399, 2860, 2869, 2924, 3076, 3210, 4239, 4923, 5486, 6889, 7041, 7114  
 POLYSTYRENES: 1188, 3471, 3841, 4544, 6591, 8944  
 POLYURETHANES: 245, 3841, 5828, 5853, 7079  
 POLYURIA: 1619, 5824  
 POLYVINYLPIRROLIDONE: 671, 899, 1255, 1469, 2420, 3032, 3643, 4241, 5017, 5186, 5791, 6403, 7059  
 POLYVINYL: 1014, 1018, 2051, 2886, 3590, 3841, 4000, 4070, 4544, 5119, 5196, 5828, 6390, 6793, 6948, 7079  
 PONS: 3326, 5700, 6034  
 POPLITEAL ARTERY: 38, 294, 1172-1173, 1204, 1392, 1497, 1582, 1617, 1781, 3001, 3409, 4744, 6375  
 POPLITEAL VEIN: 1236, 4864  
 POPULATION CONTROL: 670  
 POPULATION SURVEILLANCE: 6289  
 PORPHYRIA: 2183, 7280  
 PORPHYRINS: 2793-2794, 2963, 4294, 6394  
 PORTACAVAL ANASTOMOSIS: 54, 1032, 1485, 1557, 3053, 3493, 3885, 5588, 6010  
 PORTAL SYSTEM: 1064, 1465, 3390, 4010  
 PORTAL VEIN: 255, 1547, 1557, 3390, 5216, 5588, 5682, 5688, 7079  
 POSITIVE-PRESSURE RESPIRATION: 231, 5607  
 POSTGASTRECTOMY SYNDROMES: 2020, 5910, 7214  
 POSTMORTEM CHANGES: 835, 3514  
 POSTOPERATIVE CARE: 156, 265, 360, 398, 497, 504, 552, 714, 767, 818, 882, 1267, 1707, 1774, 1784, 1995, 2040-2041, 2056, 2069, 2313, 2414, 2418, 2897-2898, 3041, 3143, 3470, 3542, 3734, 3954, 3964, 4145, 4348, 4434, 4539, 4605, 4689, 4855, 4944, 4981, 5310, 5352, 5359, 5397, 5447, 5618, 5633, 5738, 5760, 6079, 6271, 6334, 6377, 6455, 6630, 6923, 7042, 7202, 7207, 7242  
 POSTOPERATIVE COMPLICATIONS: 21, 70, 85, 108, 120-121, 152-153, 156, 160, 195, 210, 242-244, 294, 298, 305, 324, 341, 355, 410, 430, 435, 466, 470, 490, 499, 513-514, 618, 623-625, 659, 668, 671-672, 683-694, 696, 711, 714, 739, 768, 785, 818, 873, 881, 926, 954-955, 1003, 1006, 1048, 1120, 1174-1175, 1198, 1224, 1287, 1311, 1403, 1429, 1431, 1441, 1445, 1472, 1499, 1558, 1563, 1673, 1707, 1742, 1770, 1774, 1781, 1819, 1823, 1828, 1842, 1850, 1853, 1855-1856, 1898-1899, 1956, 1960, 1966, 1977, 1995, 2020, 2030-2031, 2041, 2056, 2069, 2090, 2166, 2174, 2185, 2208, 2235, 2244, 2313, 2363-2364, 2418, 2442, 2499, 2579, 2592, 2624, 2626, 2632, 2671, 2679, 2700, 2734, 2755, 2793, 2820, 2822, 2827, 2868, 2873-2874, 2897-2898, 2910, 2923, 2931, 2942, 2955, 2964-2965, 3022, 3053, 3096, 3158, 3201, 3232, 3284, 3287, 3361, 3437, 3482, 3493, 3505, 3516-3517, 3557, 3576, 3578, 3592, 3626, 3645, 3674, 3690, 3734, 3803, 3808, 3814, 3821, 3855, 3902, 3923, 3939, 3954, 4023, 4076, 4080-4083, 4125, 4145, 4235, 4348, 4355, 4390, 4404, 4409, 4425, 4434, 4466, 4534, 4570, 4652, 4678, 4680, 4685, 4782, 4812, 4877, 4925, 4996, 4998, 5032, 5056, 5074, 5109, 5135-5136, 5174, 5212, 5221, 5284, 5302, 5309-5310, 5330, 5332, 5340-5341, 5350, 5398, 5440, 5447, 5472, 5541, 5552, 5588, 5602, 5622, 5668, 5747, 5729-5730, 5755, 5760, 5762, 5774, 5815, 5848-5849, 5860, 5904, 5919, 5924, 5972, 5989, 6079, 6099, 6120, 6134, 6162, 6169, 6192-6193, 6231, 6266, 6294, 6377, 6412, 6427, 6431, 6480, 6493, 6508, 6525, 6530, 6620, 6673, 6675, 6688, 6744, 6766, 6774, 6794, 6845, 6871, 6880, 6927, 6936, 6959, 7025, 7118, 7182, 7195, 7207, 7242  
 POSTURE: 688, 1120, 1267, 1499, 2627, 3041, 3382-3383, 3535, 3560, 5296, 6813  
 POTASSIUM: 14, 43, 525, 688, 731, 751, 798-799, 892, 936, 1067-1068, 1131, 1218, 1272, 1384, 1551, 1614, 1619, 2039, 2159, 2200, 2333, 2390, 2421, 2599, 2635, 2662, 2926, 3254, 3490, 3534, 3687, 3702, 3981, 4688, 4756, 5058, 5290, 5407, 5436, 5523, 5597, 5648, 5679, 5787, 5789, 5879, 5881-5882, 5961, 6019, 6027, 6058, 6223-6224, 6553, 6623, 6634, 6637-6638, 7063, 7155, 7164  
 POTASSIUM CHLORIDE: 1016, 2912, 3485, 3496, 3619, 3850, 4745, 5498, 5787, 6108, 6556, 7048  
 POTASSIUM DEFICIENCY: 175  
 POTASSIUM IODIDE: 1105, 2491, 5590, 7144  
 POTASSIUM ISOTOPES: 1272, 2928  
 POTASSIUM PERMANGANATE: 1385  
 POTENTIOMETRY: 602, 1840, 1996, 4745, 4907, 6094, 6203-6204  
 POULTRY: 1133, 2403, 2895, 3480  
 POULTRY DISEASES: 1925, 2578, 3549, 5669, 5913, 6841  
 POULTRY PRODUCTS: 4194  
 POWDERS: 1820, 2346  
 POXVIRUS: 224, 956  
 POXVIRUS INFECTIONS: 956  
 PRASEODYMIUM: 3512, 5348, 6230  
 PREANESTHETIC MEDICATION: 416, 965, 7207  
 PRECANCEROUS CONDITIONS: 1035, 3968  
 PRECIPITATION: 90, 139, 178, 199, 249-250, 301, 402, 511, 603, 738, 741, 853, 962, 1065, 1107, 1147, 1348, 1371, 1501, 1696, 1951, 1942, 2028, 2048, 2159, 2183, 2212, 2223, 2305, 2430, 2686, 2736, 3049, 3109, 3139, 3248, 3279, 3325, 3371, 3450, 3585, 3619, 3719, 3733, 3736, 3844, 3860, 3908-3909, 3949, 4222, 4265, 4311, 4319, 4412, 4510, 4713-4714, 4886, 4930, 5284, 5373, 5389, 5428, 5486, 5534, 5612, 5623, 5697, 5759, 5895, 5918, 5944, 6002, 6027, 6082, 6106, 6185, 6280, 6395, 6401, 6502, 6510, 6599, 6603, 6610, 6646, 6650, 6741, 6861, 6879, 6898, 6938, 6989, 7098  
 PRECIPITIN TESTS: 205-206, 762, 776, 803, 1259, 1333, 1766, 2633, 2860, 2962, 3219, 3518, 3646



# SUBJECT INDEX

- 3648, 3665, 4154, 4742, 4759-4760, 4911, 5674, 6073, 6247-6248, 6270, 6504, 6611, 7089  
**PRECIPITINS:** 1860, 2982, 3219, 4379, 6061-6062, 6174, 6795  
**PREDNISOLONE:** 135, 382, 462, 843, 967, 1085, 1114, 1145, 1256, 1310, 1502, 2418, 2607, 2829, 3029, 3058, 3123, 3171, 3416, 3805, 4145, 4216, 4576, 4638, 4764, 4809, 5097, 5706, 5750, 5795, 5802, 5807, 6560, 7044, 7142, 7253  
**PREDNISONE:** 30, 174, 489, 695, 824, 1067-1068, 1169, 1182, 1397, 1423, 1569, 2099, 2198, 2273, 2505, 2706, 2773, 2884, 2930, 2948, 3179, 3197, 3589, 3750, 3799, 3806, 3820, 3829, 3935-3936, 4043, 4157, 4320, 4528, 4614, 4674, 4706, 4925, 5205, 5269, 5606-5607, 5940, 6114, 6233, 6323, 6386, 6490, 6715, 6984, 7188, 7230  
**PREGNANCY:** 27, 32, 56, 70, 74, 112, 126-127, 131, 137, 140, 268, 288, 316, 323, 327, 357, 379-380, 429, 439, 447, 579-582, 599, 610, 649-651, 668, 671, 715, 718, 812, 815, 834, 863, 865, 879, 895, 899, 917, 927, 950, 964, 972, 988, 1018, 1054, 1056, 1087, 1090, 1129, 1138, 1141, 1157-1158, 1187, 1195-1196, 1274-1275, 1285, 1306, 1311, 1363, 1439, 1506, 1528, 1530, 1543, 1558, 1572, 1578, 1596, 1609, 1633, 1678, 1701, 1720, 1727, 1777, 1784, 1848, 1875, 1911-1912, 1916, 1980, 1980, 2002, 2018, 2024, 2043, 2085, 2124-2126, 2146, 2242, 2278, 2292-2293, 2299-2300, 2357, 2401-2402, 2404, 2408, 2440, 2462, 2528, 2548, 2557-2559, 2574, 2606, 2608, 2624, 2674, 2700, 2715, 2724-2725, 2790, 2851, 2893-2894, 2987, 3005, 3023, 3042, 3087, 3103, 3117, 3139, 3149, 3177, 3219, 3239-3240, 3360, 3394, 3414, 3447, 3456, 3466-3467, 3483, 3543-3544, 3566-3567, 3613, 3626, 3644, 3646, 3660-3661, 3685, 3692, 3702, 3783, 3795, 3813, 3815, 3820, 3835, 3846, 3869, 3884-3885, 3927-3928, 3942, 3960, 4009, 4016, 4041, 4054-4055, 4083, 4094, 4106-4107, 4120-4121, 4131, 4141, 4147, 4169-4173, 4180, 4191, 4195, 4207, 4251, 4316-4318, 4321, 4345, 4372, 4398, 4411, 4417, 4436-4437, 4487, 4490, 4546, 4550, 4579-4583, 4617, 4631, 4703, 4757, 4829, 4840, 4893, 4900, 4936, 4977-4978, 4991, 5008, 5014-5015, 5027-5028, 5043, 5057, 5083, 5115, 5124, 5156, 5175, 5242, 5247, 5249-5250, 5276, 5292, 5299, 5344, 5403, 5416, 5430, 5452, 5499, 5527, 5567, 5636, 5640, 5648, 5672, 5678, 5703, 5768, 5811, 5839, 5871, 5886, 5893-5894, 5909, 5920, 5924, 5952, 5978, 5983-5985, 6016-6017, 6044, 6046, 6137, 6193, 6226, 6229, 6277, 6298, 6300, 6316, 6357, 6372, 6398, 6406, 6513, 6541, 6553, 6593, 6611, 6622, 6648, 6659, 6690, 6701, 6711, 6751, 6764, 6804, 6813, 6815, 6827, 6876, 6887, 6907, 6949, 6962, 7072, 7106, 7202, 7207, 7219, 7232-7233, 7247, 7272  
**PREGNANCY, ANIMAL:** 339, 3686, 3885, 4009, 4436, 5027  
**PREGNANCY COMPLICATIONS:** 288, 447, 582, 1129, 1306, 1543, 1701, 1916, 2146, 2292, 2404, 2406, 2715, 3149, 3219, 3414, 3447, 3626, 3702, 3745, 4055, 4318, 4345, 4411, 4977-4978, 5014, 5124, 5156, 5175, 5278, 5403, 5503, 5641, 5811, 5839, 5909, 5978, 5984, 6193, 6530, 6848, 6731, 6764, 6804, 7207, 7232-7233, 7272  
**PREGNANCY COMPLICATIONS, CARDIOVASCULAR:** 28, 112, 131, 137-138, 357, 1911, 2085, 2293, 2440, 2606, 3149, 3414, 3544, 3795, 3815, 3835, 4121, 4417, 4487, 4757, 4840, 5028, 5247, 5703, 6357, 6513, 6690, 6876  
**PREGNANCY COMPLICATIONS, HEMATOLOGIC:** 380, 439, 580, 599, 715, 863, 865, 879, 972, 1195, 1439, 1697, 1819, 2548, 2558-2559, 3240, 3414, 3981, 4120, 4131, 4251, 4550, 4703, 4929, 5015, 5057, 5175, 5250, 5299, 5452, 5638-5639, 5893, 6046, 6137, 6226, 6372, 6907  
**PREGNANCY COMPLICATIONS, INFECTIOUS:** 323, 2024, 3414, 3466-3467, 3813, 5028, 5527, 5567  
**PREGNANCY, ECTOPIC:** 70, 1528, 1960  
**PREGNANCY IN DIABETES:** 447, 561, 4581  
**PREGNANCY, PROLONGED:** 3117, 4617  
**PREGNANCY TESTS:** 4106  
**PREGNANCY TOXEMIAS:** 950, 1157-1158, 2002, 2278, 2528, 3177, 3414, 3783, 4582-4583, 4617, 5028, 5249-5250, 5768, 5920, 5959, 6016-6017, 6300, 6627  
**PREGNANCY, TUBAL:** 2987  
**PREGNANEDIOL:** 2002, 4398  
**PREGNANES:** 718, 5428, 5807  
**PREGNANETRIOL:** 2002  
**PREMEDICATION:** 83, 2070, 3231, 5583, 5807  
**PREMENSTRUAL TENSION:** 3715  
**PRENYLAMINE:** 433  
**PREOPERATIVE CARE:** 296, 308, 340, 360, 497, 693, 696, 729, 965, 1258, 1267, 1403, 1622, 1954, 2040-2041, 2069, 2191-2192, 2208, 2235, 2462, 2897, 3298, 3734, 4409, 4434, 4767, 4999, 5225, 6427, 6630, 6702, 6797, 6869, 6871, 7042, 7207  
**PRESERVATION, BIOLOGICAL:** 4078, 5758  
**PRESSORECEPTORS:** 2627  
**PRESSURE:** 157, 2031, 2197, 2358, 2429, 2592, 2888, 3339, 3535, 3858, 3903, 4727, 4782, 4878, 4947, 5030, 6753, 6818, 7216  
**PREVENTIVE DENTISTRY:** 6021  
**PREVENTIVE HEALTH SERVICES:** 3759  
**PREVENTIVE MEDICINE:** 5201  
**PRIPISM:** 3925, 5508, 5704, 6996  
**PRIMAQUINE:** 4018, 6708, 7223  
**PRIMATES:** 388-389, 4064  
**PRIMIDONE:** 1701  
**PRISONS:** 1056  
**PRIVATE PRACTICE:** 6920  
**PROADIFEN:** 6043  
**PROBABILITY:** 1518  
**PROCAINE:** 267, 1445, 1719, 2861, 3469, 3542, 3608, 4915, 5204, 5446, 6945, 6975  
**PROCHLORPERAZINE:** 5840  
**PROCTITIS:** 3491  
**PROGESTATIONAL HORMONES:** 41, 718, 1052, 1138, 1727, 1899, 3661, 3848, 4094, 4141, 4191, 4867, 5115  
**PROGESTERONE:** 429, 1398, 1720, 3094, 3805, 4123, 4141, 4250, 5289, 5500, 5907, 6043  
**PROGNOSIS:** 46, 82, 349, 516, 552, 564, 667, 722, 788, 809, 1170, 1172-1173, 1181, 1241, 1253, 1305, 1430, 1461, 1832, 1906, 1909, 1935, 2037, 2304, 2631, 2890, 3391, 3418, 3501, 3613, 3640, 3669, 3757, 3777, 3900, 3964, 4255, 4345, 4584, 4640, 4662, 4784, 5074, 5382, 5409, 5484, 5596, 5618, 5632, 5673, 5726, 5757, 6078, 6170, 6195, 6245, 6271, 6388, 6441, 6620, 6871, 6882, 6977, 7136, 7159, 7188  
**PROLACTIN:** 515, 771, 3850, 6272  
**PROLINE:** 860, 1139, 1152, 1246, 1415, 1482, 1684, 1878, 2602, 2683, 2752, 5612, 6069  
**PROMAZINE:** 5347  
**PROMETHAZINE:** 73, 1286, 1578, 2700, 2749, 2915, 5347  
**PROMETHALOL:** 2841, 4239, 5415  
**PROPANEDIOLS:** 4514  
**PROPERIDIN:** 1344  
**PROPIICILLIN:** 6233  
**PROPIONATES:** 78, 426, 477, 521, 1907, 2444, 2533, 3014, 3512, 3570, 3668, 4403, 5000, 6325, 6472, 6557, 6924, 7070-7071  
**PROPIOPHENONES:** 4469  
**PROPOXYPHENE:** 5564, 6489  
**PROPRANOLOL:** 328, 942, 1314, 4032, 4239  
**PROPYLAMINES:** 908, 2564, 3375  
**PROPYLTHIOURACIL:** 2673  
**PROSPECTIVE STUDIES:** 1654, 2024, 2889, 3516, 3803, 5727  
**PROSTAGLANDINS:** 733, 996, 1337-1338, 1953, 2701, 2780, 2824, 3234-3237, 4032-4033, 5415, 5671, 5770, 6717, 6792, 7005  
**PROSTATE:** 564, 1431, 2203, 2234, 2988, 4122, 4504, 4870, 5981, 5983  
**PROSTATECTOMY:** 153, 410, 1323, 1386, 1956, 2234-2235, 2455, 2499, 3096, 4937, 5447, 5472, 5724-5725, 5738, 6231, 6675, 7078, 7238  
**PROSTATIC DISEASES:** 5988  
**PROSTATIC HYPERTROPHY:** 601, 1431, 1669, 1956, 2234-2235, 2455, 2671, 3911, 4570, 5309, 5447, 5738, 5758, 6134  
**PROSTATIC NEOPLASMS:** 153, 192, 564, 1339, 1956, 2203, 2499, 2671, 2919, 3214, 3364, 4277, 4527, 4570, 5983  
**PROSTHESIS:** 33, 719, 818, 1224, 2964-2965, 4434, 4578, 5490, 5806, 6162, 6782  
**PROTACTINIUM:** 4098  
**PROTAMINES:** 20, 66, 229, 249-250, 257, 266, 301, 307, 501, 543-545, 557, 563, 590, 853, 1032, 1102, 1371, 1407, 1446-1447, 1449-1450, 1574, 1630, 1684, 1751, 1777, 1809, 1844, 2028, 2060, 2125, 2132, 2216, 2221, 2238, 2340-2342, 2402, 2481, 2558-2559, 2655, 2691, 2696, 2704, 2813-2815, 2872-2873, 2941, 2978, 3049, 3109, 3213, 3218, 3369, 3450, 3537, 3619, 3711, 3719, 3791, 3899, 4060, 4158, 4201, 4261, 4378, 4412, 4515, 4585, 4694, 4713-4714, 4835, 4877, 5011, 5428, 5547, 5615, 5623, 5689, 5821, 5920, 5944, 5966, 5995, 6027, 6135, 6185, 6191, 6370, 6377, 6453, 6472, 6507, 6650, 6772, 6938, 6950, 7049, 7051, 7074, 7084, 7133, 7178, 7181, 7260  
**PROTECTIVE CLOTHING:** 4947  
**PROTEIN BINDING:** 230, 262, 325, 374, 402, 406, 415, 762, 783, 811, 813, 892, 1060, 1099, 1150, 1187, 1216, 1276, 1422, 1629, 1996, 2112-2113, 2120, 2135, 2175, 2201, 2288, 2491, 2502, 2565, 2645, 2764, 2805, 2810, 2864, 3111, 3336, 3648-3649, 3653, 3763, 3867, 3873, 3980, 4224, 4250, 4328, 4351, 4374, 4379, 4382, 4421, 4565, 4897, 4911, 5007, 5051, 5083, 5196, 5355, 5384, 5405, 5657, 5803-5804, 5875, 5974, 6035, 6077, 6129, 6135, 6154, 6293, 6313, 6551, 6613, 6632, 6790, 6889, 6968, 7081  
**PROTEIN-BOUND IODINE TEST:** 106, 4305, 4388, 5375, 6629, 6812  
**PROTEIN DEFICIENCY:** 2058, 2759, 6387-6388, 7004  
**PROTEIN DENATURATION:** 501, 604, 613, 648, 741, 892, 1051, 1122, 1265, 1287, 1478, 1627, 1809, 2044, 2225, 2298, 2333, 2565, 2789, 2877, 2983, 3014, 3260, 3347, 3658, 3672-3673, 3694, 3850, 4176, 4237, 4243, 4367, 4601, 4721, 4760, 4930, 4940, 5119, 5405, 5463, 5902, 5914, 5926, 5973, 6022, 6091, 6146, 6173, 6221, 6336, 6411, 6647, 6811, 6968, 6978, 7156  
**PROTEIN HYDROLYSATES:** 1354, 1983, 2663, 2783, 2808, 3665, 3806, 4047, 6251  
**PROTEIN-LOSING ENTEROPATHIES:** 4167  
**PROTEINS:** 99, 107, 169, 285, 297, 301, 344, 441, 501, 573-574, 605, 611, 668, 928, 945, 1027, 1102, 1137, 1294, 1297, 1346, 1377, 1398, 1408, 1422, 1511, 1517, 1585, 1587, 1711, 1751, 1807, 1907, 1974, 2103, 2114-2115, 2130, 2201-2202, 2217, 2229, 2323, 2399, 2449, 2545, 2565-2566, 2685, 2704, 2707, 2749, 2797, 2808, 2846, 2946, 2978, 2983, 3008, 3084-3085, 3095, 3162, 3184, 3244-3245, 3307, 3354-3355, 3388, 3408, 3410, 3545, 3621, 3701, 3825, 3837, 3986-3987, 4084, 4115, 4158, 4161, 4228, 4328, 4334, 4367, 4383, 4409, 4444, 4466, 4508-4509, 4529, 4615, 4642-4643, 4834, 4837, 4910, 4935, 5003, 5070, 5107, 5196, 5270, 5324, 5378, 5389, 5405, 5422, 5485, 5547, 5557, 5591, 5615, 5686, 5727, 5745, 5858, 5972, 6069, 6161, 6164, 6197, 6270, 6273, 6301, 6336, 6348, 6370, 6383, 6629, 6682, 6735, 6888, 6953, 6963, 6965, 6975, 6989, 6998-6999, 7004, 7030, 7047, 7102, 7143, 7155, 7260  
**PROTEINURIA:** 174-175, 439, 738, 747, 1897, 1917, 2099, 2546, 2693, 2763, 3319, 3897, 4096, 4528, 5003, 6106, 6446, 6452  
**PROTEUS:** 532, 998, 2282, 2644, 4670, 6973  
**PROTHROMBIN:** 85, 87, 155, 373, 441, 624, 649, 764, 886, 1009, 1170, 1182, 1200, 1250, 1414, 1494, 1525-1526, 1553, 1678, 1767, 1772, 1874, 1987, 2097, 2121-2122, 2251, 2431, 2498, 2526, 2702, 2761-2762, 2781, 2878, 2990, 3011, 3052, 3091, 3184, 3189, 3335, 3439, 3483, 3522, 3598, 3654, 3664-3665, 3775, 3921, 3958, 3980, 3984, 3997, 4004, 4104, 4409, 4462, 4568, 4579, 4581, 4604, 4631, 4633-4634, 4656, 4669, 4752, 4754, 4757, 4771, 4858, 4941, 4969, 5078, 5101, 5231, 5244, 5252, 5274, 5277, 5304, 5370, 5407, 5412, 5426, 5458, 5593, 5600, 5644, 5676, 5733, 5775-5777, 5804, 5841-5842, 5972, 6043, 6065, 6143, 6233, 6347, 6457-6458, 6510-6511, 6552, 6645, 6697-6698, 6739, 6864, 7021, 7023, 7078, 7116, 7131, 7149, 7200, 7270  
**PROTHROMBIN TIME:** 50, 62, 87, 95, 246-247, 253, 261, 400-401, 411, 498, 579, 584, 599, 618, 697-698, 707-708, 710, 759, 763, 772, 780, 889, 903, 941, 964, 976, 986, 1039, 1101, 1131, 1141, 1148-1149, 1181-1182, 1365, 1372, 1412-1414, 1494, 1521, 1599, 1617, 1678, 1778, 1786, 1852, 1871, 1956, 1980, 1987, 2000, 2024, 2075, 2083, 2095, 2097, 2120-2121, 2143, 2208, 2213, 2286, 2384, 2391, 2410, 2412, 2463, 2482, 2526, 2553, 2615, 2645-2646, 2664, 2670, 2761-2762, 2960, 3000, 3011, 3091, 3111, 3141, 3146, 3179, 3188-3189, 3220, 3235, 3261, 3265, 3390, 3499, 3508, 3519, 3559, 3595-3596, 3632, 3635, 3654-3655, 3756, 3761, 3775, 3848, 3890, 3894, 3920, 3943, 3958, 3976, 3981, 4012, 4042, 4117, 4254, 4281, 4325-4327, 4363, 4389, 4399, 4430, 4520, 4524, 4528, 4580-4581, 4634, 4648, 4757, 4770-4771, 4909, 4949, 4967, 5001, 5049, 5114, 5116, 5118, 5198, 5200, 5230-5232, 5244, 5268, 5280, 5320, 5411-5412, 5458, 5465, 5538, 5562, 5600, 5621, 5644, 5744, 5804, 5841, 5863, 5920, 5951, 5981, 6065, 6129, 6169,



# SUBJECT INDEX

6312, 6486, 6493, 6509, 6676, 6740, 6807, 6870, 6903, 6920, 6940, 6972, 6977, 7013, 7029, 7065, 7077, 7134, 7192-7193, 7196, 7212, 7248, 7270  
 PROTONS: 1996, 5875, 6632, 6819-6820  
 PROTOPLASTS: 450, 3899, 4555, 5486, 6538, 6968  
 PROTOZOA: 2740  
 PRURIGO: 6066  
 PRURITUS: 3115, 5227, 5266, 5488, 5712, 5869, 6899  
 PSEUDARTHROSIS: 4434  
 PSEUDOHYPOPARATHYROIDISM: 6105  
 PSEUDOMONAS: 1181, 1259, 2028, 4572, 5697, 5887, 6973  
 PSEUDOMONAS AERUGINOSA: 1260, 1809, 3110, 3498, 4333, 5237, 6610  
 PSEUDOMONAS INFECTIONS: 2290, 5952  
 PSEUDOPREGNANCY: 1138  
 PSEUDOTUMOR CEREBRI: 1568, 4391, 5409  
 PSEUDOXANTHOMA ELASTICUM: 1368  
 PSORIASIS: 1847, 2277, 2570, 2684, 3413, 4139, 6066, 6249, 6857, 7031  
 PSYCHOLOGICAL TESTS: 311  
 PSYCHOPATHOLOGY: 59  
 PSYCHOPHYSIOLOGIC DISORDERS: 770, 2867, 3788, 3807, 6794  
 PSYCHOSES: 422, 1968  
 PSYCHOSES, INVOLUTIONAL: 1968  
 PSYCHOSES, MANIC-DEPRESSIVE: 1968, 4454-4455  
 PSYCHOSES, ORGANIC: 3667, 4377  
 PSYCHOTHERAPY: 3114, 5903, 6080  
 PTERINS: 5655  
 PUBERTY: 97, 1389, 4250, 6805  
 PUBIC BONE: 722, 2436  
 PUBLIC HEALTH: 4532  
 PUBLIC HEALTH ADMINISTRATION: 5850  
 PUERPERAL DISORDERS: 28, 650-651, 672, 833, 895, 1087, 1275, 1596, 1670, 1912, 2085, 2146, 3023, 3240, 3702, 3815, 3820, 3927, 4377, 4617, 5672, 6357  
 PUERPERAL INFECTION: 3751, 3813, 4462  
 PUERPERIUM: 650, 2528, 2790, 3149, 3869, 4172, 4207, 4631, 5242, 6406, 6455, 6731, 7076  
 PUERTO RICO: 2369  
 PULMONARY ALVEOLI: 1738, 3116, 3651, 6136, 6591, 6671  
 PULMONARY ARTERY: 76, 367, 499, 1005, 2165, 2418, 2447, 2832, 3024, 3033, 3486, 4057, 4395, 4747, 4854, 5254, 5573, 5584-5585, 5588, 5668, 6397, 6782, 6816, 7003  
 PULMONARY CIRCULATION: 457, 669, 1263, 2262, 2441, 2666, 2832, 3651, 4564, 5424, 5687, 6136, 6177, 6784, 6900, 7003, 7086  
 PULMONARY EDEMA: 1087, 1876, 2846, 4569, 5058, 5729, 6530, 6703  
 PULMONARY EMBOLISM: 120, 127, 202, 231, 242, 367, 564, 669, 710, 784-786, 924, 974, 1031, 1148, 1177, 1217, 1236, 1263, 1275, 1414, 1499, 1504, 1506, 1578, 1606, 1854, 1876, 1911, 1964, 1988, 2036, 2040, 2066, 2304, 2316-2318, 2384, 2397, 2447, 2579, 2606-2607, 2624, 2874, 2904, 2991, 2993, 3024-3025, 3201, 3251, 3261, 3414, 3517, 3557, 3661, 3703, 3725, 3734, 3896, 3903, 3925, 4012, 4057, 4082, 4125-4126, 4251, 4255, 4277, 4308, 4318, 4394-4395, 4460, 4479, 4685, 4747, 4808, 4854-4855, 5014, 5136, 5354, 5363, 5573, 5582-5585, 5613, 5625, 5668, 5681, 5687-5688, 5701, 5704, 5713, 5772, 5848-5849, 5870, 5932, 5935, 6169, 6344, 6357, 6421-6423, 6701, 6721, 6786, 6909, 6925, 6947, 7003, 7132, 7160, 7205, 7242, 7252, 7263  
 PULMONARY EMPHYSEMA: 405, 442, 1732-1733, 1738, 1740, 2037, 2320, 2543, 2772, 3552, 3651, 3679, 3681-3683, 3947, 4942, 5037, 5346, 5459, 6177, 6471, 6495, 6714, 6900, 7014, 7154, 7239, 7246  
 PULMONARY FIBROSIS: 7014, 7154  
 PULMONARY HEART DISEASE: 1534, 1933, 3301, 3570, 4942, 6701, 6843, 6925  
 PULMONARY VALVE: 1725  
 PULMONARY VALVE STENOSIS: 1639, 3298, 3643, 4536  
 PULMONARY VEINS: 703, 1005, 2165, 4747, 5254, 5584-5585  
 PULPECTOMY: 6869  
 PULPITIS: 5127  
 PULSE: 72, 726, 773, 942, 1686, 3400, 3442, 3702, 5727, 5955  
 PUNCHED-CARD SYSTEMS: 2643

PUNCTURES: 574, 929, 2107, 2126, 2189, 2275-2276, 3242, 4915, 5713, 5955, 6939  
 PUPA: 1408  
 PUPIL: 736, 2827, 4966  
 PURINES: 2197  
 PURINONES: 1235  
 PUROMYCIN: 1152, 1471, 1607, 2655, 3123-3124, 3184, 3274, 3320, 3619, 3986, 4109, 4752, 4754, 5116, 5276, 5314, 5470, 5539, 6640  
 PURPURA: 50, 288, 895, 715, 730, 738, 803, 845, 919, 1002, 1708, 1894, 2291, 2546, 2730, 3749, 3933, 4066, 4154, 4211, 4216, 4232, 4556, 5010, 5227, 5303, 5306, 5355, 5609, 5998, 6214, 6608, 6769, 7142  
 PURPURA, HYPERGLOBULINEMIC: 7123  
 PURPURA, THROMBOBENIC: 25, 36, 50, 94, 101, 172, 340, 439, 479, 488, 514, 656, 666, 761, 768, 804, 865, 923, 934, 963, 967, 1048, 1104, 1186, 1209, 1336, 1343, 1353, 1439, 1461, 1531, 1569, 1573, 1581, 1615, 1651, 1859, 1906, 2022, 2054, 2076, 2195, 2255, 2258, 2303, 2310, 2321-2322, 2337, 2344, 2398, 2425, 2491, 2512, 2585, 2705-2706, 2785, 3100, 3215-3216, 3365, 3479, 3713, 3781, 3829, 3933, 3950, 4043, 4058, 4292, 4339, 4343, 4348, 4370, 4401, 4577, 4592, 4691, 4706, 4784, 4865, 4929, 4936, 5041, 5129, 5156, 5168, 5215, 5232, 5326, 5383, 5492, 5527, 5566-5567, 5606-5608, 5638-5641, 5652, 5742-5743, 5747, 5757, 5788, 5790, 5799, 5941, 5997, 6006, 6194, 6226, 6271, 6292, 6308, 6328, 6373, 6386, 6397, 6464, 6540, 6560, 6573, 6678, 6750, 6758, 6857, 6890, 7142, 7230  
 PURPURA, THROMBOTIC THROMBOBENIC: 240, 715, 792, 1062, 1430, 1571, 1598, 2181, 2900, 2948, 3596, 3624, 3652, 3750, 4008, 4215, 4430, 4673, 4820, 4931, 4959, 5249-5250, 5645, 5757, 5976, 6372-6373, 6503, 6736, 6787, 7176, 7234  
 PYELONEPHRITIS: 1443, 1588, 3039, 3414, 3780, 3790, 3800, 4619, 4654, 6232, 7265  
 PYLORIC STENOSIS: 5012, 5359  
 PYLORUS: 1017, 3088  
 PYODERMA: 6374, 7280  
 PYRANS: 1309  
 PYRAZINAMIDE: 3867  
 PYRAZOLES: 1114, 4663, 4965  
 PYRETHRUM: 6686  
 PYRIDINES: 372, 869, 1388, 1644, 4513, 4839, 6591, 6809  
 PYRIDINUM COMPOUNDS: 1891  
 PYRIDOXAL PHOSPHATE: 1006, 1512, 2028, 2599, 3450, 4416, 5066, 6220-6221  
 PYRIDOXINE: 925, 2209, 2599, 2847, 3058, 3062, 4416, 6029, 6824  
 PYRIDOXINE DEFICIENCY: 3062  
 PYRIMETHAMINE: 6891  
 PYRIMIDINES: 542, 869, 1644, 2386, 2453, 2644  
 PYRIMIDINONES: 1235  
 PYROGENS: 2105, 3778, 4625, 5487, 6468  
 PYROPHOSPHATES: 1107, 2182, 2797, 4261, 6167, 6472, 7203  
 PYRROLIDINES: 3541, 6069  
 PYRROLIDINONES: 199, 302, 304, 1276, 1676, 4811, 6817  
 PYRUVATE KINASE: 1394, 1473-1474, 2659, 2661, 2933, 2946, 3194, 4797-4798, 4925, 6150, 7178  
 PYRUVATES: 249, 264, 372, 384, 557, 659, 934, 1112, 1356, 1371, 1394, 1978, 3013, 3066-3067, 3136, 6800, 3602, 4714, 4790, 5961, 6258, 6515, 6617, 7128  
 PYURIA: 3851

## Q

QUADRIPLEGIA: 3725, 6034  
 QUALITY OF HEALTH CARE: 3588  
 QUINACRINE: 1755, 4018, 7110  
 QUINIDINE: 281, 1142, 4018  
 QUININE: 730, 2655, 4018  
 QUINOLINES: 347, 2951, 3528, 6333, 7110  
 QUINOLINUM COMPOUNDS: 1820  
 QUINONES: 637, 1298, 1419, 2457, 3485, 3675, 3863, 3969, 4822, 6020, 6650

## R

RABBITS: 8, 19, 45, 76, 98, 118, 121, 149-151, 157, 162-163, 174, 176, 178-181, 183, 191, 193, 197, 205, 237, 243-244, 259, 271, 282, 284, 310, 333, 339, 342-343, 368, 370, 374, 385, 414, 423, 429, 431, 437-438, 444, 446, 449, 463-464, 469-470, 477,

511, 520, 529, 543-544, 600, 604, 612, 628, 661, 700, 723, 740, 747, 762, 763, 813, 821, 831, 837, 846-847, 850, 856, 860, 892, 910, 912, 956, 962, 966, 980, 1015, 1017, 1070, 1079, 1086, 1099, 1114, 1118-1119, 1122, 1125, 1149, 1206, 1260, 1282-1283, 1287, 1289-1290, 1319, 1406, 1449-1450, 1463, 1468, 1509, 1516, 1543, 1561, 1563-1564, 1578, 1585, 1594, 1624, 1653, 1657, 1663, 1690, 1695, 1705, 1708-1709, 1736, 1743-1744, 1746-1747, 1768, 1772, 1779, 1790, 1835, 1843, 1846, 1851, 1868-1869, 1881, 1895, 1899, 1915, 1929-1932, 1951, 1978, 2050, 2059, 2080, 2102, 2111, 2135, 2142, 2176, 2181, 2184, 2187, 2265, 2275-2276, 2290, 2304, 2319, 2345-2346, 2348-2349, 2361, 2381-2382, 2389-2390, 2402-2403, 2405, 2439, 2447, 2449, 2452, 2471, 2479, 2482, 2498, 2502, 2506, 2521, 2539-2542, 2544, 2611, 2633-2634, 2640, 2651, 2657, 2668, 2684, 2692-2693, 2697-2698, 2710, 2737, 2759, 2777, 2789, 2792, 2810, 2865, 2903, 2911, 2917, 2924, 2934, 2962, 3008, 3051, 3076, 3080, 3087, 3108, 3112, 3134-3135, 3139, 3166-3167, 3181, 3188-3189, 3206, 3210, 3233, 3238, 3243, 3250, 3267, 3270-3271, 3279, 3307-3309, 3331, 3338, 3348, 3354, 3365-3366, 3389, 3402, 3419, 3430, 3443, 3460, 3509-3510, 3512-3514, 3522, 3555, 3558, 3564, 3599, 3652, 3665, 3696-3699, 3721, 3726, 3728, 3736, 3773, 3789, 3819, 3826, 3837, 3852, 3874, 3879, 3885-3887, 3916, 3919, 3932, 3934, 3946-3947, 3949, 3965, 3967, 3974, 4002-4003, 4011, 4014, 4019, 4024, 4034, 4052, 4059, 4078-4079, 4090, 4100, 4112, 4115, 4119, 4128, 4165, 4201, 4237, 4280-4282, 4301, 4325, 4354, 4360-4361, 4367-4368, 4371-4372, 4379, 4437-4438, 4474-4475, 4480, 4484, 4486, 4491, 4511, 4514, 4520, 4545, 4557, 4563-4564, 4597, 4600, 4608, 4616, 4619, 4625, 4679, 4684, 4692, 4709, 4711, 4734, 4747, 4758-4760, 4765, 4786-4787, 4803, 4830, 4848, 4852, 4879, 4897, 4906, 4909, 4923, 4932, 4941, 4957, 4980, 4983-4984, 4995, 5007, 5026, 5029, 5048, 5080, 5118, 5125, 5169, 5172, 5189, 5191, 5197, 5206, 5230, 5257, 5284, 5288, 5321-5322, 5348, 5366, 5367-5368, 5372, 5415, 5426, 5434, 5457, 5467, 5477, 5485, 5487, 5514, 5528, 5535, 5548, 5555, 5560, 5572, 5582, 5603, 5614, 5624, 5635, 5651, 5665, 5677, 5682, 5705-5706, 5716, 5795-5796, 5835, 5868, 5877-5878, 5908, 5916-5917, 5971, 5974-5975, 5992, 5999, 6033, 6044, 6046, 6064-6065, 6072, 6075, 6082, 6086, 6112, 6127-6132, 6136, 6166, 6243, 6270, 6272, 6286, 6315, 6326, 6335-6336, 6347, 6349, 6354-6355, 6364, 6369-6370, 6399, 6414, 6424, 6439, 6443, 6449, 6451, 6468, 6487, 6504, 6516-6517, 6523-6524, 6555, 6571-6572, 6577-6578, 6591, 6606-6607, 6610, 6642-6644, 6676, 6704, 6706, 6723, 6735, 6747, 6756-6757, 6760, 6772, 6775, 6780, 6795, 6812, 6821, 6825, 6828, 6848, 6856, 6864, 6885, 6899, 6905, 6910, 6919, 6922, 6925, 6929, 6967, 6988, 6990, 7000, 7008, 7035, 7045, 7047, 7056, 7063-7064, 7081, 7087, 7090-7091, 7093-7094, 7096-7097, 7102, 7104, 7121-7122, 7134, 7147, 7181, 7186, 7193-7194, 7241, 7254  
 RABIES: 1779  
 RACIAL STOCKS: 5282, 5595, 5992, 6032, 6707, 7124  
 RADIATION CHIMERA: 2409, 6208  
 RADIATION EFFECTS: 190, 475, 743, 1160-1161, 1594, 1879-1880, 1907, 2053, 2187, 2224, 2323, 2628, 2652, 2853, 2983, 2998, 3015, 3079, 3406, 3434, 3458-3459, 3548, 3776, 3834, 3843-3844, 3849, 3854, 3866, 3874, 4196, 4505, 4551, 4650, 4899, 4961, 5063, 6103, 6123-6124, 6158, 6172-6173, 6217, 6320, 6682, 6995, 7089  
 RADIATION GENETICS: 5142  
 RADIATION INJURY: 361, 801, 939, 2639, 3058, 3397, 4069, 6187, 6291  
 RADIATION INJURY, EXPERIMENTAL: 358, 1244, 1736, 2109, 3459, 4641, 4829, 5511, 5899, 6123, 6283, 6449, 6534, 6756-6757, 7186  
 RADIATION PROTECTION: 3723  
 RADIATION-PROTECTIVE AGENTS: 1244, 3348, 6123, 6534  
 RADIATION-SENSITIZING AGENTS: 4035, 4829  
 RADICULAR CYST: 7050  
 RADIOACTIVITY: 5585  
 RADIOAUTOGRAPHY: 146, 201, 454, 604, 822, 1051, 1088, 1159-1160, 1319, 1370, 1717, 1864, 2052, 2230-2231, 2802, 2924, 2985-2986, 3006, 3055, 3245, 3286, 3603, 3672-3673, 3874, 4228, 4565, 4714, 4739, 4917, 5041, 5334, 5443, 5598, 5783, 5817-5818, 6072, 6112, 6822, 6892, 6950, 6995



# SUBJECT INDEX

- RADIOCHEMISTRY: 2628, 4551  
 RADIODERMATITIS: 3058  
 RADIOIMMUNOASSAY: 201, 2176, 2851, 3202, 3599, 3879, 4110, 5292, 5381, 6092, 6937  
 RADIOISOTOPE DILUTION TECHNIC: 190, 353, 1640, 2500, 2538, 3566, 5782  
 RADIOISOTOPE RENOGRAPHY: 4662  
 RADIOISOTOPE SCANNING: 80, 120, 295, 367, 950, 1146, 1217, 1783, 1855, 1900, 1912, 2418, 2554, 2832, 3023, 3201, 3281, 3356, 3382, 3517, 3734, 3829, 3857, 3990, 4006, 4035, 4484, 4568, 4590, 4680, 4751, 4938, 5179, 5290, 5354, 5363, 5469, 5668, 5700, 6010, 6071-6072, 6090, 6169, 6568, 6900, 7127  
 RADIOISOTOPE TELETHERAPY: 939, 4650  
 RADIOISOTOPES: 1640, 1705, 2540-2541, 3882, 3916, 4008, 4442, 4456, 4505, 4742, 4951, 5356, 5585, 5598, 5743, 5782, 5908, 5974, 6177, 6188, 6665, 7143  
 RADIOMETRY: 36, 939, 1160, 1717, 2872, 3245, 3456, 4250, 4484, 5222, 5578, 6320  
 RADIOTHERAPY: 1736, 3491, 4069, 6291  
 RADIOTHERAPY DOSAGE: 1103, 1736, 2967, 4200, 4459, 4526, 4567, 4884, 5093  
 RADIOTHERAPY, HIGH ENERGY: 227, 3058, 3640  
 RADIUM: 1169, 3580, 4901  
 RADIUS: 6125  
 RADIUS FRACTURES: 69, 5699  
 RATS: 2, 7, 12, 24, 63, 71, 76, 99, 142, 164, 171, 177, 180, 190, 199, 201, 220, 225, 230, 237, 259, 281, 285, 298, 301, 309, 312, 329, 332, 338, 353, 370, 372, 406-407, 425, 441, 467, 477, 486, 494, 515, 530, 533, 537, 542, 545-546, 589, 604, 612, 644-645, 657-658, 660-661, 663-664, 699, 713, 732, 749-750, 771, 787, 820, 822, 825, 827, 830, 837, 850-852, 864, 866, 876, 889, 925, 980, 987, 996-997, 1006, 1017, 1079, 1099, 1118-1119, 1149, 1151, 1159-1160, 1228, 1233, 1237, 1244, 1246, 1249, 1255, 1261, 1270, 1331-1332, 1356, 1367, 1389, 1394, 1402, 1411, 1415, 1424, 1427-1428, 1438, 1452, 1454, 1464-1465, 1471, 1477, 1501, 1511, 1516, 1523, 1580, 1592-1593, 1595, 1601, 1607, 1621, 1623, 1628, 1657, 1660, 1681, 1687, 1752-1753, 1790-1791, 1803, 1807, 1817, 1874, 1885, 1915, 1919, 1922, 1961, 1972, 1974, 2008, 2015, 2026, 2035, 2052, 2057, 2061, 2070, 2105, 2114-2115, 2139, 2153, 2175-2176, 2188, 2201, 2204, 2209-2211, 2218, 2224, 2238, 2279, 2290, 2305, 2330, 2389-2390, 2403, 2405, 2415, 2424, 2495-2496, 2508, 2533-2534, 2544, 2553, 2555, 2580-2583, 2600, 2602, 2610, 2619-2620, 2622, 2645, 2651, 2682-2687, 2692, 2701, 2711, 2793-2794, 2805, 2825-2826, 2837, 2863, 2865, 2872, 2876, 2885, 2888, 2903, 2907-2908, 2912-2913, 2952, 2958, 2966, 2975, 2977, 3003, 3032, 3044, 3052, 3081, 3087, 3089-3090, 3094, 3121, 3129, 3139, 3145, 3153, 3183-3184, 3192-3193, 3202, 3212, 3218, 3233-3237, 3266, 3279-3280, 3313, 3316-3317, 3320, 3325, 3335, 3348-3349, 3354, 3374, 3410, 3430-3431, 3433-3434, 3460, 3485, 3493, 3496, 3510, 3512, 3530, 3538, 3545, 3578, 3581-3583, 3608, 3644, 3653, 3664-3666, 3677, 3732, 3763, 3772, 3775, 3800, 3805, 3811, 3837, 3849, 3871, 3885, 3887, 3900, 3923, 3945, 3949, 3951, 3963, 3967, 3993-3994, 4004, 4011, 4016, 4018, 4035, 4048-4049, 4051, 4085, 4087, 4091, 4095, 4108-4110, 4115, 4122, 4158, 4160, 4167, 4239, 4246-4247, 4250, 4286, 4299, 4315, 4328, 4331, 4369, 4382-4384, 4387, 4389, 4406, 4440, 4455, 4489, 4480, 4484, 4497, 4503, 4505, 4509, 4514, 4532, 4549, 4573, 4618, 4628, 4638, 4644-4645, 4665-4668, 4679, 4700-4701, 4704-4705, 4721, 4732, 4752-4754, 4765, 4781, 4783, 4822, 4833-4835, 4861, 4870, 4872, 4875, 4892-4894, 4898, 4899, 4902-4904, 4921, 4930, 4940, 4946, 4952, 4992, 4994, 5001, 5004, 5007, 5027, 5029, 5038, 5044, 5060, 5063, 5073, 5081-5082, 5099, 5116, 5141, 5144-5145, 5189-5192, 5206, 5214, 5219, 5224, 5235, 5245, 5276-5277, 5289, 5314, 5325, 5336-5339, 5350, 5356, 5358, 5369, 5377-5378, 5380-5381, 5389, 5415, 5422-5423, 5441, 5443, 5450, 5468, 5476, 5481, 5497, 5511, 5513, 5551, 5582-5583, 5585, 5591-5592, 5624, 5655, 5660, 5665, 5680, 5685-5686, 5714, 5723, 5748-5749, 5793, 5796, 5807, 5815, 5820-5821, 5861-5862, 5877-5878, 5884-5885, 5888-5889, 5895, 5899, 5914, 5916, 5953, 5979, 5982, 5986, 5995, 5999, 6019, 6043-6045, 6059, 6064-6065, 6104, 6108-6110, 6126, 6135, 6146-6147, 6179, 6195, 6235, 6241, 6253-6256, 6261, 6263, 6262, 6301, 6316, 6333, 6336, 6346, 6350, 6352, 6359, 6393-6395, 6416, 6432, 6446, 6452-6453, 6472-6473, 6516, 6521, 6536, 6553, 6571-6572, 6578, 6596, 6605, 6613, 6623, 6635, 6638, 6644, 6646-6647, 6654, 6661, 6665, 6671-6674, 6694-6696, 6704, 6706, 6728, 6733, 6742, 6747, 6761, 6781, 6821-6822, 6828, 6862, 6914, 6917, 6922, 6959, 6971, 6987, 6989, 6994, 7011, 7035, 7041, 7043-7044, 7049, 7061, 7083, 7089, 7104, 7108, 7165-7166, 7224, 7226, 7250-7251, 7261, 7271  
 RAUSCHER VIRUS: 5658  
 RAYNAUD'S DISEASE: 13, 1651, 1759, 2183, 4154, 4187, 4712  
 REAGINS: 1089, 5974-5975  
 RECEPTORS, DRUG: 318, 1249, 1411, 2202, 2400, 2524, 2769, 2934, 2992, 3261, 3320, 3564, 3601, 4150, 4670, 4683, 4753, 4806, 5422, 6987  
 RECEPTORS, NEURAL: 5916  
 RECOMBINATION, GENETIC: 141, 2218, 2595, 3200, 6289, 6760, 6912  
 RECORDS: 2643  
 RECTAL DISEASES: 6298  
 RECTAL NEOPLASMS: 1208, 1429, 3249, 3739, 4035, 6155, 6215, 6639  
 RECTUM: 2189, 3491  
 RED CROSS: 3226  
 REFLEX: 2627, 2792, 3188, 3725, 5805  
 REFLEX, ABNORMAL: 736  
 REFLEX, TENDON: 736  
 REFRIGERATION: 757, 1098, 1539, 2654, 2778, 4291, 5197, 6236  
 REGENERATION: 3696, 6258, 6367, 6688  
 REGIONAL BLOOD FLOW: 14, 245, 345, 622, 625, 1094-1095, 1142, 1480, 1541, 1646, 2079, 2178, 2194, 2429, 2720, 3166, 3855, 4082, 4393, 4442, 4631, 4755, 4981, 5074, 5334, 5665, 5728, 5829, 6100, 6115, 6260, 6607, 6728, 6768, 6813, 6949, 7042  
 REGISTRIES: 971, 5839  
 REHABILITATION, VOCATIONAL: 3093, 3114, 5529  
 REIMPLANTATION: 2032, 2832, 4364  
 REITER'S DISEASE: 2909  
 RELAPSING FEVER: 809  
 RELIGION: 65  
 RELIGION AND MEDICINE: 670  
 RENAL ARTERY: 76, 432, 496, 1175, 1780, 1893, 2366, 2507, 3437, 3808, 4049, 4140, 4354, 4989, 5098, 5445, 6397, 6428  
 RENAL ARTERY OBSTRUCTION: 1780, 2226, 3176, 3437, 3780, 4662, 6428, 6770, 6839, 7119  
 RENAL VEINS: 447, 496, 703, 1234, 1485, 4318, 4654, 5024, 5780, 6446  
 RENIN: 1261, 2211, 2712, 2944, 3280, 5959, 5979, 6210, 6475  
 RENNIN: 2223, 2741, 5217, 6965  
 REOVIRUS: 3006, 3274, 6014  
 RETILES: 4116  
 RESEARCH: 5089, 6750  
 RESERPINE: 368, 641, 1283, 1524, 2533, 2673, 2816, 3374, 3480, 4091, 4239, 4833  
 RESIDENCE CHARACTERISTICS: 65  
 RESINS: 1920, 2156, 6280, 6802  
 RESORCINOL: 2989  
 RESPIRATION: 688, 736, 764, 809, 2832, 2868, 3231, 3469, 3512, 5450, 5687, 5727, 6100, 6152, 6177, 6750  
 RESPIRATION, ARTIFICIAL: 72, 316, 2441, 5544, 6782, 6955  
 RESPIRATORS: 6703  
 RESPIRATORY DISTRESS SYNDROME: 1, 131, 1704, 3061, 3541, 3895, 4097, 4223, 6703  
 RESPIRATORY FUNCTION TESTS: 367, 2543, 3331, 3552, 3651, 4498, 5363, 6177, 6471, 7014  
 RESPIRATORY HYPERSENSITIVITY: 2150, 2227, 3797, 4571, 5446  
 RESPIRATORY INSUFFICIENCY: 23, 156, 509, 739, 1081, 1120, 1217, 1426, 1560, 2320, 3519, 5089, 5122, 5760, 6152, 6495, 6955, 7014  
 RESPIRATORY SYSTEM: 2350, 5661  
 RESPIRATORY TRACT DISEASES: 468, 1534, 2706, 3588, 5122, 5366  
 RESPIRATORY TRACT INFECTIONS: 473, 956, 1120, 1483, 2386, 2644, 2889, 3520, 3588, 5037, 8193  
 RESPIRATORY TRACT NEOPLASMS: 573  
 REST: 1933, 5030, 5058, 5471  
 RESUSCITATION: 316, 398, 3541, 5033, 6703  
 RETICULIN: 1552  
 RETICULOCYTES: 346, 414, 846, 1114, 1336, 1382, 1545, 1654, 1978, 2138, 2187, 2252, 2283, 2519, 2716, 2759, 3008, 3099, 3133, 3479, 3749, 3826, 4228, 4389, 4426, 4557, 4790, 4925, 5625, 6053, 6096, 6370, 6967, 7082, 7260  
 RETICULOENDOTHELIAL SYSTEM: 361, 446, 578, 655, 847, 1093, 1245, 1438, 1709, 2268, 2689, 2697-2698, 3722, 3871, 3885, 4118, 4436-4437, 4938, 4940, 6252, 6642, 6811, 7236  
 RETICULOENDOTHELIOSIS: 471, 1186, 1433, 1984, 2021, 4159, 4866, 5525, 5941, 6303  
 RETICULUM: 4781  
 RETINA: 1257, 1465, 1536, 1865, 1881, 1973, 2250, 2338, 3073, 3275, 3288, 3639, 3696-3699, 3852, 3988, 4531, 5090, 6616, 6665, 6902, 7129  
 RETINAL DEGENERATION: 347, 1865, 1973, 2476, 5708  
 RETINAL DETACHMENT: 210, 513, 1536, 1881, 1973, 2596, 2734, 3697-3699, 4424, 4531, 4626, 4778, 4959, 5708, 5860, 6315, 6419, 6902  
 RETINAL HEMORRHAGE: 391, 1221, 1536, 1712, 1877, 2735, 4092, 4626, 4651, 4959, 5123, 6353, 6616  
 RETINAL PIGMENTS: 3696-3698  
 RETINAL VESSELS: 908, 1011, 1052, 1183, 1324, 1764, 1787, 1865, 2574, 2607, 2801, 3001, 3029, 3069, 3382, 3745, 3770, 4092, 4363, 4498, 4818, 6492, 6859  
 RETINITIS: 1865, 6257, 6902  
 RETINITIS PIGMENTOSA: 1796, 2709, 6093, 7031  
 RETINOBLASTOMA: 2833, 4531  
 RETIREMENT: 1909  
 RETROCAL FIBROPLASIA: 3639, 4531  
 RETROPERITONEAL FIBROSIS: 801, 3039, 6839  
 RETROPERITONEAL NEOPLASMS: 3205, 3799, 4577  
 RETROPERITONEAL SPACE: 1072, 1076, 1856, 2179, 3799, 3855, 3905, 4212, 4262  
 RETROSPECTIVE STUDIES: 173, 406, 616, 2024, 2174, 2347, 2705, 3114, 3414, 3803, 4784, 6427, 6431, 6508  
 REVIEW: 17, 99, 114, 171, 173, 179, 184, 245, 263, 284-285, 288, 312, 347, 363, 386, 392, 402, 416, 435, 478-479, 484, 509, 517-518, 623-624, 715, 751, 804, 809, 879, 931, 933, 1017, 1052, 1075, 1090, 1093, 1118-1120, 1142, 1149, 1155, 1212, 1245, 1294, 1409, 1413-1414, 1479, 1530, 1543, 1656, 1682, 1685, 1703, 1733, 1738, 1768, 1851, 1899, 1905, 1933, 1945, 1950, 1953, 1961, 1973, 2009, 2021, 2091, 2115, 2165, 2173, 2191-2192, 2195, 2210, 2310, 2336, 2363, 2389, 2400, 2423, 2429, 2433, 2455, 2461, 2493, 2523, 2533, 2551, 2558-2559, 2563, 2651, 2671, 2684, 2759, 2768, 2780, 2823, 2849, 2868, 2890, 2901, 2907, 2932, 2944, 2967, 3004, 3038, 3064, 3077, 3084, 3087, 3115, 3135, 3142, 3144, 3182, 3207, 3274, 3280, 3287, 3289, 3292, 3323, 3348, 3354, 3372, 3383, 3390, 3393, 3417, 3451, 3473, 3535, 3562, 3579, 3610, 3652, 3722, 3729, 3756-3757, 3778, 3832, 3883, 3894, 3905, 3914, 3918, 3933, 3956, 3971, 4044, 4092, 4094, 4099, 4112, 4124, 4198, 4217, 4232, 4253, 4259, 4421, 4426, 4436, 4467, 4470-4471, 4473, 4478, 4498, 4511, 4531, 4593, 4613-4614, 4642-4643, 4702, 4725, 4752, 4766, 4809, 4866, 4920, 4936, 4954, 4981-4982, 5007, 5028, 5058, 5069, 5083, 5089, 5101, 5107, 5128, 5142, 5189, 5194, 5220, 5242, 5298, 5331, 5334, 5342, 5356, 5363, 5388, 5405, 5415-5416, 5433, 5452, 5604, 5610, 5617, 5624, 5628, 5649, 5659, 5667, 5703-5704, 5709, 5745, 5797, 5799, 5831, 5858, 5870, 5887, 5890, 5931-5933, 5940, 5952, 5959, 5992, 5998, 6004, 6028, 6035, 6062, 6069, 6078, 6147, 6163, 6187, 6210, 6230, 6247-6248, 6274, 6311, 6319, 6363, 6383, 6387-6388, 6391, 6397, 6422-6423, 6475, 6566, 6571, 6604, 6630, 6665, 6692, 6707-6708, 6712, 6715, 6730, 6773, 6786-6788, 6792, 6813, 6821, 6857, 6875, 6882, 6906, 6928, 6959, 6963, 6975-6976, 7021, 7029, 7042, 7070-7071, 7094, 7105, 7119, 7144, 7162, 7171, 7196, 7270-7271  
 RH FACTORS: 110, 184, 608, 839, 848, 900, 1054, 1958, 3928, 3960, 4582, 4695, 6142, 6300, 6324, 6634, 6767, 6881, 7185  
 RHABDOMYOMA: 5396  
 RHABDOMYOSARCOMA: 1036, 1167, 2496, 4459, 4808, 5396, 5409, 7150  
 RHEOLOGY: 363, 457, 632, 709, 766, 931, 1040-1042, 1163-1164, 1475, 1685, 1700, 1834, 2232-2233, 2265, 2358, 2564, 2849, 2880, 3071, 3166, 3411, 4100, 4660, 5421, 5692, 6199, 6450, 6906, 7162  
 RHEUMATIC FEVER: 101, 238, 240, 745, 792, 838,



# SUBJECT INDEX

923, 1579, 2164, 3368, 3416, 3451-3452, 3585, 3637, 4209, 4851, 6323, 6727, 6787  
RHEUMATIC HEART DISEASE: 77, 737, 792, 1579, 2164, 2249, 3416, 3452, 3579, 3835, 3959, 4192, 4339, 4927, 4936, 5253, 5799, 5825, 6296, 6381, 6768, 7265  
RHEUMATISM: 528, 1022, 1579, 3495, 3801, 4216, 4898, 4965, 5502, 6489  
RHEUMATOID FACTOR: 30, 3707, 4418  
RHEUMATOID NODULE: 3955-3956  
RHINITIS: 3291  
RHINOPLASTY: 1086, 5806  
RHIZOPUS: 1942, 6542  
RHODOPSEUDOMONAS: 4713  
RHODOSPIRILLUM: 635-637, 1576, 5887  
RIBOFLAVIN: 782, 925, 2209, 2847, 3062, 3401, 6158, 6722, 6824, 7070-7071  
RIBONUCLEASE: 336, 406-407, 437-438, 505, 531-532, 543, 567, 846, 860, 936, 944, 978-979, 992, 1107, 1137, 1231, 1273, 1296-1297, 1330, 1420, 1422, 1807, 1831, 1779, 1905, 2026, 2044, 2103, 2145, 2182, 2201, 2229, 2305, 2561-2562, 2566, 2657, 2808, 2839, 2875-2876, 2946, 2983, 2988, 3085, 3212, 3244-3245, 3252, 3274, 3349, 3355, 3577, 3658, 3701, 3711, 3826, 3898, 3974, 4132, 4161, 4196, 4250, 4270-4271, 4334, 4357, 4433, 4555, 4625, 4642-4643, 4657, 4759-4760, 4768, 4805, 4834-4835, 4837, 4910, 5021, 5025, 5311-5312, 5317, 5355, 5405, 5420, 5689, 5820, 5858, 5888, 5958, 6069, 6106, 6172-6173, 6385, 6454, 6544-6545, 6689, 6724, 6998-6999, 7010, 7026, 7060  
RIBOSE: 4225, 4283, 5888  
RIBOSOMES: 302, 326, 567, 589, 846, 1273, 1296-1297, 1476, 1978, 2716, 2759, 2797, 3003, 3008, 3109, 3184, 3241, 3245, 3349, 3711, 3753, 3826, 3987, 4230, 5551, 6146, 6166, 6416, 6689, 6950, 6967, 7004, 7260  
RIBS: 1585, 6388  
RICE: 6006  
RICKETS: 1252, 1454, 2787, 6302  
RICKETS, RENAL: 6302  
RICKETTSIA: 1598, 3256, 4215  
RICKETTSIAL DISEASES: 7210  
RIFOMYCIN: 569, 4236, 4565, 6238  
RISTOMYCIN: 7181  
RNA: 229, 263, 325, 370, 412, 437-438, 441, 543-544, 1297, 1751, 2026, 2445, 2561-2562, 2703, 3008, 3094, 3125-3126, 3204, 3245, 3410, 3530, 3542, 3777, 4196, 4334, 4378, 4878, 4893, 5356, 5557, 5793, 5820, 5844, 6002, 6319, 6665, 7004  
RNA, BACTERIAL: 1476, 1978, 2145, 2202, 2716, 2928, 3139, 3347, 3733, 3889, 4555, 4923, 6166-6167, 6689  
RNA, MESSENGER: 326, 590, 1476, 2759, 2791, 2797, 3753, 3826, 3987, 4228, 4240, 6149, 6963, 7026  
RNA NUCLEOTIDYL-TRANSFERASES: 407, 681, 3274, 4565, 5793, 6411, 6899  
RNA, SOLUBLE: 531, 1273, 1978, 2145, 2402, 2716, 2797, 3109, 3139, 3347, 3619, 3733, 4555, 5844, 6166-6167, 7260  
RNA, VIRAL: 326, 567, 807, 936, 3274, 3315, 4313, 4631, 7026  
RNA VIRUSES: 4609  
ROCKY MOUNTAIN SPOTTED FEVER: 443  
RODENT CONTROL: 467, 1284, 4532, 5650, 7250  
RODENT DISEASES: 3144  
RODENTICIDES: 467, 1284, 7250, 7261  
RODENTS: 1312, 1377, 3062, 6578, 6922  
RODS AND CONES: 3696  
ROLE: 6080  
ROOT CANAL OBSTRUCTION: 5798  
ROSANILINE DYES: 2330, 6108, 6680  
ROTATION: 274, 915, 1265, 1627, 1996, 2276, 2983, 3554, 5914, 5934  
ROTENONE: 1356, 1755, 1976, 3037, 3378, 3485  
RUBBER: 2765, 3858, 4070, 6615  
RUBELLA: 878, 1899, 2267, 2344, 3215, 3685, 5492, 5527, 5567, 6464, 6758  
RUBELLA VIRUS: 977, 3885  
RUBIDIUM: 2177, 2540-2541, 4742, 5974, 7143  
RUMEN: 1354, 4086, 5082  
RUPTURE: 28, 455, 1076, 1234, 1774, 2018, 2170, 2332, 5005, 5031, 5593, 6117, 6227, 6362  
RUPTURE, SPONTANEOUS: 360, 687, 5278, 5919, 6653, 7169  
RURAL HEALTH: 7148  
RURAL POPULATION: 317  
RUSSIAN FEDERATION (EUROPE): 4303  
RUTHENIUM: 1165, 1185, 5044, 6931-6932

RUTIN: 345, 4077, 4121, 4849, 6520, 7043

## S

SACCHAROMYCES: 249-250, 531, 544, 944, 968, 1342, 1356, 2486, 2971, 3899, 3910, 4294, 4839, 5188, 5759, 7092  
SACROCOCCYGEAL REGION: 1435  
SALICYLAMIDES: 528, 5720  
SALICYLATES: 1119, 2004, 2009, 2969, 3129, 3401, 3439, 4223, 4513, 4889, 5352, 5707, 6240, 7044  
SALICYLIC ACID: 77, 178, 2188, 5663, 5707, 6417, 7043  
SALIVA: 196, 290, 402, 1285, 1652, 2299, 4379, 4384, 5710, 6354, 6872  
SALIVARY DUCT CALCULI: 1362, 6656  
SALIVARY GLAND DISEASES: 1362  
SALIVARY GLAND NEOPLASMS: 692, 1752-1753  
SALIVARY GLANDS: 3805, 4971, 5979, 6210-6212  
SALMONELLA: 1089, 1330, 1438, 2449, 3518, 4194, 5307, 5614, 6517, 6988  
SALMONELLA FOOD POISONING: 6943  
SALMONELLA INFECTIONS: 1173, 7210  
SALMONELLA INFECTIONS, ANIMAL: 4439  
SALMONELLA PHAGES: 6384  
SALMONELLA TYPHIMURIUM: 3977, 4439, 6054, 6682, 6689, 7041  
SALMONELLA TYPHOSA: 2640, 2869, 4198, 5237, 5337-5338, 6384, 7041  
SALMONIDAE: 590, 1233, 2615, 2941, 3145, 3600, 3711, 4060, 5944, 6950, 7260  
SALPINGITIS: 4466, 5867  
SALTS: 281, 2686, 3016, 4213, 6341, 6783  
SAMARIUM: 3512  
SAPHENOUS VEIN: 667, 1267, 1497, 2362, 2414, 3641, 3702, 4744, 5310, 6513, 6614  
SAPONINS: 1343, 3386, 5388, 5826, 6788  
SARCINA: 3395, 6238  
SARCODINA: 1957, 4433, 6910  
SARCOIDOSIS: 1652, 2315  
SARCOLEMMMA: 3586, 6000-6001  
SARCOMA: 280, 607, 923, 1036, 1187, 2173, 2756, 3249, 3392, 3575, 3640-3641, 4459, 4626, 5012, 5082, 5491, 5525, 5598, 6369, 6550, 6798  
SARCOMA 37: 1684  
SARCOMA 180, CROCKER: 257, 3431  
SARCOMA, EWING'S: 3281, 5142, 5301, 6304, 6388  
SARCOMA, EXPERIMENTAL: 2340-2341, 2582, 2589, 2726, 4993, 5081, 5541, 5547, 5874, 5895, 6517  
SARCOMA, KAPOSI'S: 248, 1035-1036, 1167, 1335, 4459, 5396, 6560  
SARCOMA, MAST CELL: 1891, 2658, 2721, 4007  
SARCOMA, OSTEOGENIC: 758, 1167, 2394, 3281, 3344, 3641, 5301, 6239, 6304, 6368  
SARCOMA, RETICULUM CELL: 228, 320, 512, 1036, 1335, 1433, 2196, 2496, 2967, 3392, 3823, 3996, 4035, 4801, 4953, 5696, 6388, 6699, 7264  
SARCOMA, YOSHIDA: 2582-2583, 3183, 4484, 4589  
SASKATCHEWAN: 6684  
SCALP: 323, 911, 2639, 2973, 3118, 6749  
SCALP DERMATOSES: 323  
SCARLET FEVER: 3451, 4144  
SCHAMBERG'S DISEASE: 5010  
SCHISTOSOMA: 3122  
SCHISTOSOMIASIS: 342-343, 2919, 3122, 6053  
SCHIZOPHRENIA: 1968  
SCHIZOPHRENIA, CHILDHOOD: 680  
SCHOOL HEALTH: 4738  
SCIATIC NERVE: 966, 2074, 6104  
SCIATICA: 723, 778, 1866, 2936, 4072, 6012  
SCLERA: 341, 513, 1279, 1564, 3288  
SCLERODERMA: 143, 240, 792, 2321-2322, 2570, 4712, 5799, 6084  
SCLEROSING SOLUTIONS: 272, 973, 1397, 2516, 4121, 4995  
SCLEROSIS: 3975, 5121, 5581, 6787, 6941  
SCOLIOSIS: 1459, 3492  
SCORPIONS: 1401, 4324, 7167  
SCOTLAND: 3507  
SCROTUM: 3263, 3503  
SCRUB TYPHUS: 3256  
SCURVY: 1014, 1252, 2000, 2091, 5132, 5764, 6302  
SEASONS: 65, 319, 1312, 1361, 1365, 1421, 2005, 2024, 2088, 3605, 3711, 4303, 5727, 7113, 7225  
SEAWATER: 6801  
SEBORRHEA: 4330, 6066  
SECOBARBITAL: 5412  
SECRETIN: 684, 2552, 3323, 4476, 4508, 4601, 4792, 5282, 5422, 6367, 6672-6674, 7017-7019

SECRETORY RATE: 684, 2627, 3618, 5018  
SEEDS: 1402, 2114, 2623, 2791, 3638, 6788  
SELECTION (GENETICS): 4326  
SELENIUM: 190, 815, 1705, 3857, 3882, 4505, 4950-4951, 5908, 6433  
SELF CONCEPT: 97, 3093  
SELF MEDICATION: 4042  
SELF MUTILATION: 4042  
SEMEN: 2611, 4064, 4122, 4322-4323, 4504, 5758, 7121-7122  
SEMICARBAZIDES: 282, 729, 2057, 5348, 6182, 6435  
SEMINAL VESICLES: 2988, 4084, 4122, 4367, 5649  
SEMLIKI FOREST VIRUS: 543  
SENDAI VIRUS: 567, 2321-2322, 7259  
SEPTICEMIA: 50, 555, 730, 1120, 1173, 1181, 1386, 1410, 1600, 1854, 1708, 2193, 2213, 2427, 2586, 3009, 3297, 3558, 3613, 3737, 3749, 4215, 4232, 4337, 4641, 5011, 5158, 5713, 5763, 5940, 5952, 6136, 6159, 6189, 6214, 6285, 7180, 7257, 7267  
SERINE: 427, 807, 920, 934, 968, 1110, 1152, 1202, 1684, 1773, 1795, 1878, 2638, 2717, 2875, 2941, 2984, 3008, 3044, 3048, 3336, 3450, 3530, 3700, 4240, 4265, 4387, 4415-4416, 4538, 4572, 5106-5107, 5759, 5905, 6022, 6069, 6154, 6220, 6366, 6545, 6559, 7081  
SERINE DEHYDRATASE: 1512, 4416  
SERODIAGNOSIS: 812, 1129, 1535, 1539, 2589, 3451, 3904, 5429, 5709, 5788, 5963, 6587, 6913  
SEROLOGY: 3655  
SERTOLY: 320, 3295, 3620, 5368, 6496, 7185  
SEROTONIN: 73, 164, 171, 179, 238, 259, 310, 344, 368, 397, 679-680, 980, 1115, 1207, 1228-1230, 1263, 1282-1283, 1320, 1329, 1347, 1752, 1768, 1940, 2009, 2021, 2061, 2173, 2214, 2452, 2539-2541, 2563, 2660-2662, 2816-2817, 2943, 2992, 3032, 3039-3040, 3092, 3170, 3313, 3398, 3480, 3504, 3597, 3600, 3712, 3825, 3885, 4019, 4073, 4128, 4151, 4454-4455, 4471, 4645, 4734, 4756, 4955, 4995, 5007, 5080, 5152-5153, 5298, 5358, 5624, 5959, 6003, 6019, 6058, 6082, 6184, 6250, 6355, 6422, 6470, 6531, 6536, 6555, 6606-6607, 6747, 6794, 6925, 6930, 6945, 7133-7134, 7191, 7224  
SEROTYPING: 1058, 1849, 1895, 2860, 3625, 3860, 4215, 5050, 5169, 5307, 6011, 6321  
SEROUS MEMBRANE: 4480, 4595  
SERRATIA: 4444, 6536  
SERRATIA MARCESCENS: 1880, 3906, 4198, 6517, 7041  
SERUM ALBUMIN: 66, 230, 273, 422, 444, 501, 612, 700, 713, 738, 863, 907, 1040, 1044, 1113, 1166, 1176, 1289, 1467, 1692, 1750, 1822, 1917, 1986, 2157, 2265, 2451, 2481, 2770-2771, 2946, 2958, 3146-3147, 3519, 3534, 3572, 3632, 3683-3684, 3838, 3874, 3981, 4136, 4168-4173, 4304, 4317, 4545, 4568, 4742, 4805, 4912, 4930, 4940, 5003, 5061, 5196, 5274, 5405, 5469, 5517, 5803-5804, 5974, 6073, 6077, 6160, 6187, 6295, 6395, 6452, 6495, 6605, 6775-6776, 6790, 6812, 6841, 6861, 6889, 6937, 6977, 7143, 7146, 7247  
SERUM ALBUMIN, BOVINE: 373, 648, 713, 899, 1033, 1267, 1313, 1420, 1661, 1848, 1974, 2113, 2145, 2633, 2708, 2810, 2978, 3034, 3320, 3396, 3477, 3522, 3619, 3650, 3805, 3860, 3973-3974, 4002, 4048, 4224, 4230, 4234, 4444, 4957, 5237, 5240, 5355, 5420, 5723, 6185, 6190, 6790, 6817, 6868, 6998, 7064, 7091  
SERUM ALBUMIN, RADIO-IODINATED: 444, 495, 600, 1159, 1900, 1989, 2325, 2966, 2977, 3874, 4805, 5547, 5583, 5751, 6041, 6322, 6634, 6816  
SERUM GLOBULINS: 232, 574, 707, 717, 759, 983, 1044, 1259-1260, 1291, 1369, 1372, 1917, 2143, 2418, 2498, 2563, 2588, 2761, 2841, 2850, 2917, 3062, 3123, 3146, 3474, 3568-3569, 3721, 4183, 4189, 4191, 4229, 4244, 4297-4298, 4319, 4342, 4393, 4615, 5190, 5192, 5458, 5594, 6160, 6259, 6452, 6501, 6812, 6829, 6943, 7035, 7146  
SESAMOID BONES: 1664  
SEWAGE: 5379  
SEX CHROMATIN: 407, 1137, 1785, 4060, 6976  
SEX CHROMOSOME ABNORMALITIES: 3786  
SEX CHROMOSOMES: 780, 1361, 5419, 5587, 6912  
SEX DETERMINATION: 590  
SEX FACTORS: 31, 65, 110, 152, 311, 488, 654, 775, 798-799, 927, 1149, 1193, 1336, 1361, 1389, 1444, 1549, 1665, 1722, 1728, 1781, 1811, 1896, 1909, 1950, 1968, 2005, 2024, 2149, 2269, 2347, 2367-2368, 2465, 2484, 2601, 2706, 2746, 2867, 2894, 2982, 3413, 3552, 3605, 3640, 3740, 3786,



# SUBJECT INDEX

- 4066, 4133, 4231, 4296, 4326, 4342, 4372, 4389, 4606, 4737, 4790, 4832, 4964, 5164, 5224, 5613, 5618, 5654, 5913, 5941, 6032, 6080, 6156, 6296, 6575, 6850, 7014, 7124, 7146, 7244-7245, 7270
- SEX HORMONES: 186, 1530, 3805, 4050
- SHARKS: 206, 712, 1233, 2308, 4074, 4312, 7201
- SHEEP: 105, 122, 148, 237, 245, 287, 331, 437-438, 956, 1269, 1289-1290, 1348, 1351, 1364, 1407, 1535, 1790, 1921-1923, 2233, 2296, 2403, 2405, 2541, 2684, 2722, 2758, 2949-2950, 2963, 2988, 3049, 3116, 3135, 3145, 3233, 3255, 3850, 4024, 4119, 4234, 4283, 4545, 4723, 4870, 4939, 4980, 5026, 5305, 5356, 5424, 5429, 5441, 5685, 5710, 6064, 6159, 6238, 6246, 6272, 6286, 6553, 6577-6578, 6609, 6644, 6910, 6969, 6990, 7035, 7081, 7101, 7249
- SHEEP DISEASES: 815, 2823, 6159
- SHIGELLA: 2399, 6321
- SHIKIMIC ACID: 2282, 3602, 5980
- SHIPS: 2306, 4532
- SHIVERING: 105, 3620
- SHOCK: 246-247, 288, 581-582, 887, 1041, 1142, 1199, 1245, 1407, 1708, 1933, 2189, 2232, 2365, 2367-2368, 2411, 2651, 2773, 2843-2844, 2849, 3466-3467, 3555-3556, 3560, 3562, 3729, 3735, 3825, 3894, 4012, 4079, 4135, 4600, 5033, 5058, 5363, 5681, 5704, 5716, 6048, 6195, 6371, 6904, 6925, 6944, 6955, 7254
- SHOCK, ENDOTOXIC: 247, 537, 857-859, 1002, 1124, 1699, 2193, 2213, 2558, 3559, 3560, 3884, 4346, 4436, 4497, 5011, 5014, 5763, 6184, 6806
- SHOCK, HEMORRHAGIC: 247, 316, 455, 557, 580, 582, 624, 681, 696, 764, 816, 1467, 1620, 1691, 1774, 1857, 1875, 2410, 2434, 3394, 3558, 3611, 3613, 3838, 4053, 4135, 4405, 5014, 5134, 5331, 6530, 6816, 7184
- SHOCK, SURGICAL: 42, 398, 1120, 5331
- SHOCK THERAPY, ELECTRIC: 1968
- SHOCK, TOXIC: 247, 1181, 1686, 3737, 6826, 7257
- SHOCK, TRAUMATIC: 247, 710, 2189, 2294, 2412, 3302, 3400, 3440-3441, 3558, 3903, 5134, 5688
- SHOES: 2031
- SHOULDER: 1582, 5720
- SHOULDER JOINT: 3824
- SEHWARTZMAN PHENOMENON: 446, 1087, 1123, 1330, 1706-1709, 1804, 1806, 1819, 2276, 2361, 2493, 2640, 3047, 3076, 3210, 3297, 3394, 3494, 3514, 3564, 3581, 3729, 3819, 3884, 3956, 4002-4003, 4227, 4232, 4301, 4436-4438, 4923, 5027, 5298, 5303, 5426, 5486-5487, 5705-5706, 5763, 5919, 5952, 5990, 6180, 6247-6248, 6487, 6517, 6643, 6757, 6988
- SIALOGRAPHY: 916, 1362, 6656
- SIGMOID NEOPLASMS: 3739, 4035, 6155
- SIGMOIDOSCOPY: 3491
- SILICA: 2224, 3032, 3593, 4031
- SILICON: 245, 5064, 5570, 6944
- SILICONES: 33, 557, 724, 1224, 2158, 2391, 2964-2965, 2969, 3590, 3881, 4521, 4544, 4578, 5020, 5064, 5806, 5828, 6561, 6615, 6793, 8365-8366
- SILICOSIS: 827, 3122, 3593, 6252
- SILKWORMS: 3806, 4444
- SILVER: 349, 2976, 3854, 4031, 4176, 6280
- SILVER NITRATE: 6120
- SINGLE PERSON: 5764
- SINO-ATRIAL NODE: 2900
- SINUS THROMBOSIS: 814, 1568, 3925
- SINUSITIS: 1707, 3291, 5093, 6481, 6737
- SJOGREN'S SYNDROME: 5799
- SKIN: 53, 83, 145, 181, 201, 254, 264, 297, 420, 662-663, 667, 691, 864, 884, 997, 1089, 1092, 1162, 1230, 1238, 1253, 1262, 1298, 1313, 1367, 1450, 1486-1489, 1510, 1543, 1573, 1626, 1710, 1785, 1805, 1847, 1853, 1894, 1940, 1953, 2031, 2110, 2321-2322, 2409, 2415, 2430, 2434, 2474-2475, 2570, 2619, 2639, 2667-2668, 2677, 2682-2687, 2912-2913, 2915, 2935, 3044, 3081, 3215, 3266, 3269, 3408, 3412, 3438, 3473, 3503, 3514, 3615, 3811, 3819, 3868, 4029, 4034, 4085, 4118, 4184, 4237, 4286, 4468, 4486, 4496, 4607, 4675, 4710, 4819, 4860, 4896, 4906, 4941, 5039, 5089, 5125, 5388, 5423, 5489, 5524, 5588, 5705, 5717, 5766, 5914, 5982-5983, 6050, 6108, 6171, 6214, 6249-6251, 6282, 6336, 6355, 6378, 6454, 6487, 6502, 6562-6565, 6669, 6863, 6956, 6974, 6988, 7109, 7117
- SKIN ABSORPTION: 2059, 5661
- SKIN APPENDAGE DISEASES: 228
- SKIN DISEASES: 500, 647, 1368, 1710, 2183, 2195, 2473, 2535, 2570, 2684, 2972-2973, 3062, 3343, 3473-3474, 4094, 4187, 4522, 5039, 5090, 5203, 5266, 5478, 6066, 6084, 6089, 6250, 6520, 6562, 6564, 7280
- SKIN DISEASES, INFECTIOUS: 1368, 3110
- SKIN MANIFESTATIONS: 468, 903, 3905, 4154, 5907, 6404
- SKIN NEOPLASMS: 181, 194, 662, 666, 911, 1103, 1127, 1230, 1253, 1368, 1498, 1891, 1991, 2137, 2196, 2303, 2324, 2505, 2658, 2683-2684, 2721, 2745, 2972-2973, 3286, 3438, 3580, 3811, 3930, 3996, 4287, 4526, 4901, 4960, 5300, 5532, 5609, 5693, 5805, 6038-6039, 6249-6250, 6291-6292, 6374, 6518, 6560, 6667, 6765, 7006, 7109
- SKIN TEMPERATURE: 3613, 5707
- SKIN TESTS: 3, 254, 551, 1370, 1771, 1940, 2227, 2915, 2996-2997, 3002, 3633, 3650, 3797, 4571, 5266, 5418-5419, 6247-6248, 6519, 6737, 7010, 7037-7038
- SKIN ULCER: 1664, 2031, 2191-2192
- SKULL: 91, 132, 152, 215, 1239, 1785, 2013, 2756, 3391, 5163, 7279
- SKULL FRACTURES: 1597, 2484, 2676-2677, 4677, 5490, 5618, 7052
- SKULL NEOPLASMS: 630, 2324, 2394, 3382, 5093, 5461, 5947, 7268
- SLEEP: 2429, 2866, 7039
- SLEEP DISORDERS: 5137
- SLEEP, REM: 1115, 7039
- SLEEP STAGES: 7039
- SMALLPOX: 4166
- SMALLPOX VACCINE: 1565, 4166
- SMALLPOX VIRUS: 1565
- SMOKING: 173, 189, 625, 1266, 1379, 1514, 1530, 1665, 2227, 2772, 3340, 3552, 3587, 3651, 3683, 3726, 5164, 5761, 6101, 6432, 7246
- SNAILS: 2723, 3248, 3899, 3938, 5710, 6578-6579, 7069
- SNAKE BITES: 3508, 4949, 6335, 6893, 6896
- SNAKES: 76, 238, 500, 617-618, 652, 1033-1034, 1099, 1375, 1482, 1581, 1608, 1711, 1868-1869, 2567, 2653, 2668, 2939, 3083, 3217, 3335, 3752, 3840, 3887, 4011, 4324-4325, 4630, 4762, 4794-4795, 4823, 4949, 5026, 5070, 5431, 5888, 6336, 6423, 6838, 7134
- SOAPS: 6621, 7037
- SOCIAL ADJUSTMENT: 3093, 6121
- SOCIETIES, MEDICAL: 2569, 7210
- SOCIOECONOMIC FACTORS: 46, 4646
- SODIUM: 14, 20, 353, 586, 668, 733, 756, 799, 892, 936, 1016, 1131, 1166, 1218, 1277, 1384, 1415, 1487, 1535, 1544, 1619, 1699, 2039, 2390, 2421, 2686, 2781, 2969, 3092, 3095, 3198, 3254, 3490, 3687, 3702, 3871, 3879, 3892, 4016, 4024, 4045, 4257-4258, 4479, 4500, 4536, 4670, 4688, 5158, 5192, 5407, 5770, 5775, 5787, 5863, 5882, 5961, 6005, 6019, 6027, 6086, 6190, 6310, 6318, 6391, 6553, 6613, 6638, 6689, 6703, 6915, 7084, 7155, 7164
- SODIUM CHLORIDE: 157, 464, 545, 603, 632, 1016, 1188, 1638, 1685, 1690, 1709, 1809, 2048, 2237-2238, 2342-2343, 2582, 2680, 2687, 2941, 3035, 3081, 3707, 4257, 4334, 4405, 4670, 4802, 4930, 5463, 5586, 5728, 5936, 5944, 6414, 6472, 6556, 6821, 7133
- SODIUM HYDROXIDE: 1405, 3241, 3603, 4553, 4566
- SODIUM ISOTOPES: 2058
- SODIUM SALICYLATE: 1678, 1743, 2903, 3975, 4995, 5861, 6435, 6516, 7191
- SOIL: 5654
- SOIL MICROBIOLOGY: 3395, 6650
- SOLUBILITY: 43, 262, 264, 335, 636, 657, 811, 892, 992, 1045, 1171, 1211, 1273, 1354, 1581, 1742, 1751, 1873, 1939, 1976, 2131, 2140, 2156, 2159, 2223, 2305, 2390, 2481, 2545, 2589, 2622, 2673, 2704, 2707, 2789, 2814, 2985, 3008, 3049, 3095, 3104, 3116, 3152, 3256, 3337, 3401, 3485, 3701, 3733, 3844, 3873, 4039, 4064, 4237, 4272, 4312, 4485, 4553, 4683, 4834, 5327, 5389, 5531, 5914, 6002, 6350, 6359, 6395, 6538, 6553, 6640, 6788, 6877, 7092
- SOLUTIONS: 274, 480, 2426, 3853, 4773, 5352, 5479, 5828, 6741
- SOLVENTS: 1117, 1631, 2015, 2159, 2717, 3126, 3264, 3401, 3432, 3673, 5078, 5388, 5958, 6106, 6975, 7156
- SOMATOTROPIN: 515, 771, 1348, 2493, 2848, 2958, 3805, 4091, 4123, 4274, 5970, 6272, 6301, 6546, 6665, 6937, 7061
- SOMATOTYPES: 1896
- SORBITOL: 924, 2044, 5589
- SORBOSE: 4283, 6880
- SOUND: 876, 2358, 4246-4247
- SOUTH AFRICA: 2168, 3146, 3588
- SOY BEANS: 105, 813, 962, 1097, 1354, 1461, 1711, 1920, 2048, 2437-2438, 2616-2617, 2648, 2804, 2834, 2912, 2976, 3019-3020, 3316-3317, 3724, 4038, 4167, 4486, 4601, 4787, 5105, 5684, 5686, 5783, 5917, 6123, 6151, 6313, 6789, 6961, 7112, 7251, 7271
- SPACE PERCEPTION: 216
- SPASM: 736, 1115, 1977, 4097, 6104, 6115, 7169
- SPECIAL LIST DENTAL: 195, 226, 675, 817, 880, 894, 948, 999, 1992, 2571, 2799, 3370, 3809, 4518, 5552, 6021, 6023-6024, 6026, 6382, 7211
- SPECIAL LIST NURSING: 409, 774, 932, 959, 1697, 3802, 5155, 5892, 6573, 6863-6864, 6935, 7269, 7274
- SPECIES SPECIFICITY: 23, 99, 107, 150, 199, 206, 237, 440, 477, 712-713, 777, 781-782, 861, 1089, 1149, 1261, 1299-1300, 1341, 1351, 1381, 1481, 1690, 1790, 1864, 2001, 2233, 2241, 2296, 2308, 2350, 2370, 2390, 2393, 2398, 2403, 2544, 2860, 2876, 2881, 2913, 2974, 3044, 3094, 3145, 3212, 3460, 3553, 3598, 4025, 4037, 4064, 4088, 4119, 4310, 4349, 4389, 4584, 4679, 4819, 4895, 4913, 5019, 5021, 5029, 5059, 5206, 5210, 5281, 5349, 5381, 5428, 5441, 5913, 6131-6132, 6424, 6430, 6434, 6462, 6531, 6547, 6575, 6610, 6644, 6733, 6747, 6910, 6922, 6969, 6990, 7004, 7010, 7035, 7090, 7271
- SPECIFIC GRAVITY: 527, 632, 1399, 1619, 4136, 5593
- SPECIMEN HANDLING: 6269, 6426, 6584
- SPECTROPHOTOMETRY: 115, 262, 335, 426, 515, 531, 567, 604-605, 611, 684, 727, 771, 794, 796, 842, 849, 861, 878, 892, 898, 902, 914-915, 1117, 1147, 1231, 1265, 1345, 1351, 1371, 1511-1512, 1546, 1607, 1631, 1763, 1775, 1795, 1862, 1889, 1974, 1976, 2028, 2048, 2063, 2080, 2112, 2135, 2215, 2308, 2387, 2399, 2430, 2437, 2498, 2565, 2576, 2598, 2622, 2655, 2659, 2673, 2717, 2730, 2760, 2789, 2814, 2876, 2914, 2956, 2983, 3013-3014, 3049, 3095, 3101, 3125-3126, 3341, 3375, 3378, 3401, 3454, 3480, 3485, 3496, 3628, 3648, 3673, 3742, 3850, 3924, 3994, 4031, 4039, 4086-4087, 4089, 4175-4176, 4224, 4307, 4363, 4399, 4448, 4472, 4506, 4608, 4688, 4713, 4721, 4733, 4735, 4758, 4760, 4766, 4780, 4783, 4810-4811, 4839, 4910, 4917, 4943, 5021, 5317, 5451, 5479, 5486, 5536, 5759, 5769, 5888, 5914, 5922, 5926, 5944, 5967, 5973, 6036, 6042, 6091, 6097, 6118, 6167, 6173, 6179, 6198, 6220, 6250, 6332, 6348, 6366, 6395, 6416, 6538, 6549, 6586, 6596, 6617, 6629, 6650, 6783, 6868, 6873, 6938, 7074, 7102-7103
- SPECTRUM ANALYSIS: 322, 515, 521, 724, 744, 860, 868, 902, 944, 1029, 1276, 1296, 1308, 1351, 1370, 1546, 1684, 1941, 2057, 2217, 2229, 2352, 2566, 2946, 2957, 2983, 3014, 3020, 3079, 3152, 3170, 3212, 3348, 3468, 3565, 3627, 3659, 3673, 3701, 3736, 3806, 3843, 3861, 4025, 4086-4087, 4175, 4260, 4474, 4572, 4760, 4821, 4880, 5379, 5479, 5792, 5818, 5926, 5980, 6067, 6185, 6228, 6528-6529, 6542, 6752, 6789, 7092
- SPEECH DISORDERS: 216, 2360
- SPERMATOZOA: 122, 266, 303, 590, 1102, 2813-2815, 2988, 4060, 4122, 4322-4323, 4515, 6801, 7066, 7121-7122
- SPERMINE: 563, 1297
- SPHAEROPHORUS: 4939
- SPHAEROPHORUS INFECTIONS: 127
- SPHENOID BONE: 615, 3382, 4391, 5157
- SPHEROCYTOSIS, HEREDITARY: 126, 1155, 1404, 1439, 2586, 2626, 4338, 5747, 5757, 6008, 6537
- SPHINGOMYELINS: 163, 1624, 5144-5145, 5457
- SPINA BIFIDA: 1435, 6777
- SPINAL CANAL: 1671, 3948, 4953
- SPINAL CORD: 334, 1457-1459, 1498, 1541, 1623-1624, 1863, 2899, 4162, 4539, 4705
- SPINAL CORD COMPRESSION: 1457-1458, 4200, 4953, 6837
- SPINAL CORD DISEASES: 1458-1459, 3073
- SPINAL CORD INJURIES: 1541, 1861, 4539, 5826
- SPINAL CORD NEOPLASMS: 660, 909, 1457-1459, 1498, 1554, 1863, 2324, 3074, 4199, 4539, 4953, 5068, 6034, 6145
- SPINAL DISEASES: 723, 778, 1321, 1866, 6012, 6186
- SPINAL FUSION: 6186
- SPINAL INJURIES: 954-955, 5826, 5935



# SUBJECT INDEX

SPINAL NEOPLASMS: 1457, 1459, 1754, 2326, 2936, 3344, 3948, 4200, 4953, 6299, 6837, 7208  
 SPINAL OSTEOPHYTOSIS: 969, 1280, 6746  
 SPINAL PUNCTURE: 2483, 2979, 3591  
 SPINE: 3163, 4507, 5163  
 SPIROMETRY: 1870, 2227, 2543, 2867, 3231, 3651, 3797, 3946, 4571, 5366  
 SPIRONOLACTONE: 1045, 5807, 6043  
 SPLEEN: 124, 172, 201, 284, 333, 361, 437-438, 494, 555, 578, 695, 753, 809, 847, 1114, 1128, 1153, 1186, 1216, 1254, 1343, 1438, 1471, 1604, 1747, 1846, 1971-1972, 2052, 2102, 2213, 2392, 2409, 2431, 2488, 2538, 2542, 2561-2562, 2680, 2682, 2692, 2714, 2729, 2763, 2802, 2818, 3009, 3123-3124, 3192, 3308, 3356, 3420, 3493, 3497, 3515, 3518, 3520, 3622, 3701, 3705, 3743, 3829, 3885, 3890, 4009, 4109, 4214, 4286, 4359, 4549, 4637-4638, 4664, 4705, 4765, 4845, 4884, 4925, 4938, 4971, 4977-4978, 4987, 5034, 5041, 5108, 5185, 5206, 5209, 5255, 5369, 5588, 5790, 5821, 5888, 5957, 5979, 6090, 6112, 6114, 6135, 6137, 6256, 6390, 6394-6395, 6414, 6465, 6469, 6473, 6477, 6496-6497, 6540, 6592, 6638, 6642, 6706, 6811, 6875, 6885, 7081, 7089, 7186  
 SPLENECTOMY: 25, 50, 81, 360, 466, 514, 583, 655, 768, 837, 1007, 1048, 1254, 1314, 1359, 1404, 1593, 1686, 1906, 1914, 2016, 2099, 2258, 2273, 2425, 2488, 2585-2586, 2618, 2626, 2705-2706, 2728, 2785, 2823, 3100, 3232, 3356, 3470, 3576, 3743, 3799, 3829, 3890, 4009, 4120, 4249, 4320, 4338, 4348, 4370, 4461, 4638, 4784, 4814, 4902, 4925, 4987, 5041, 5176, 5185, 5206, 5214-5215, 5302, 5417, 5566, 5608-5607, 5741-5743, 5747, 5757, 5790, 5940, 6008, 6010, 6194, 6271, 6386, 6477, 6560, 6573, 6816, 6880, 6908, 7198  
 SPLENIC ARTERY: 28, 695, 1893, 2207, 2818, 3390, 4359, 6839, 6939  
 SPLENIC DISEASES: 554, 1048, 1153, 1404, 2207, 3356, 3479, 4359, 4858, 4987, 5757, 6839, 6908  
 SPLENIC NEOPLASMS: 606, 985, 2076, 2207, 2618, 3144, 3179, 3520, 3799, 3823, 4284, 4664, 5417, 7229, 7278  
 SPLENIC RUPTURE: 360, 1691, 2226, 4359, 5108, 5747  
 SPLENIC VEIN: 1080, 1485, 3925, 4010, 5588  
 SPLENOMEGALY: 985, 1252, 1254, 1359, 1437, 1485, 1552, 1557, 2116, 2155, 2626, 3053, 3415, 3418, 3515, 3925, 3939, 4249, 4498, 4691, 4737, 4784, 4814, 4938, 5042, 5185, 5227, 5527, 5588, 5654, 5662, 5743, 5941, 6090, 6117  
 SPLENOPTOTOGRAPHY: 3390, 4010, 6010  
 SPLINTS: 1502  
 SPONDYLITIS, ANKYLOSING: 143, 5720  
 SPORES: 1440, 2197, 2447, 2648, 3027, 3621, 3889, 4233, 4265-4268, 5561, 5844, 5923, 6049, 6795  
 SPORT MEDICINE: 4365  
 SPRAINS AND STRAINS: 524, 5393  
 SPRUE: 253, 941, 1035, 3981, 5869  
 SPRUE, TROPICAL: 5821  
 SPUTUM: 824, 1483, 2927, 3678, 3947, 4335  
 SQUALENE: 5569  
 SQUIRRELS: 1312  
 STAINLESS STEEL: 4994, 5526, 6633  
 STAINS AND STAINING: 71, 119, 122, 349, 769, 793, 796, 936, 1014, 1165, 1185-1186, 1228-1230, 1336, 1428, 1509, 1630, 1805, 1891, 2015, 2043, 2215, 2330, 2332, 2373, 2549, 2600, 2740, 2837, 3060, 3101, 3125-3126, 3230, 3255, 3479, 3621, 3660, 3763, 4007, 4147, 4315, 4319, 4328, 4360-4361, 4468, 5044, 5148, 5590, 5995, 6034, 6082, 6108, 6144, 6185, 6257, 6389, 6504, 6680, 6694, 6772, 6905, 6931-6932  
 STANOLONE: 5428  
 STANOZOLOL: 982, 1699, 4186, 4188  
 STAPES MOBILIZATION: 4649  
 STAPES SURGERY: 4649, 6480  
 STAPHYLOCOCCAL FOOD POISONING: 517-518, 5962  
 STAPHYLOCOCCAL INFECTIONS: 127, 517, 522-523, 1193, 1879, 2105, 2506, 2698, 2927, 3721, 3851, 4114, 5305, 5533, 6189, 6535, 7114, 7180, 7245  
 STAPHYLOCOCCAL PHAGES: 2887, 4114, 4369  
 STAPHYLOCOCCAL TOXOID: 834, 2932, 3513  
 STAPHYLOCOCCAL VACCINES: 5603  
 STAPHYLOCOCCUS: 34, 226, 263, 355, 408, 517-518, 522-523, 690, 978-979, 1058-1059, 1181, 1206, 1231, 1247-1248, 1849, 1879, 2274, 2349-2350, 2359, 2387-2388, 2482, 2506, 2697-2698, 2896, 2927, 2932, 2998, 3045, 3084, 3110, 3498, 3625, 3658,

3701, 3851, 3853, 3865, 4029, 4114, 4194, 4333, 4337, 4350, 4369, 4406, 4645, 4654, 4758-4760, 4766, 4768, 4786-4787, 4932, 5050, 5102, 5237, 5305, 5405, 5533, 5603, 5630, 5635, 5961-5962, 6011, 6189, 6339, 6425, 6535, 6599, 6722, 6737, 6842, 6853, 6910, 6960, 6973, 6979, 6990, 6994, 7036, 7041, 7047, 7114-7115, 7157  
 STARCH: 126, 217, 255, 384, 402, 415, 820, 825, 1333, 1772, 2156, 2184, 2545, 3342, 3369, 3574, 3690, 3870, 4228, 4836, 4925, 5091, 5433, 5464, 5470, 5710, 5791, 5878, 5968, 6042, 7035  
 STARVATION: 40, 3603  
 STATE MEDICINE: 971, 3670  
 STATISTICS: 35, 74, 391, 523, 825, 1241, 1499, 1518, 2373, 3353, 3803, 4326, 5674, 5840, 5949, 5961, 6057, 6063, 6850, 7077  
 STATOLIN: 3682  
 STATUS DYSRAPHICUS: 6034  
 STEARIC ACID: 356, 1110, 3016, 4610, 5020, 5336, 5338-5339, 6077, 6830, 7133  
 STEIN-LEVENTHAL SYNDROME: 785  
 STELLATE GANGLION: 4915  
 STEREOISOMERS: 951, 1345, 1550, 2847, 3450, 3455, 5245, 5428, 7103  
 STEREOISOTAXIS: 1804  
 STERILITY: 6976  
 STERILITY, FEMALE: 140, 2700, 4465-4466, 4990, 6620, 6845, 6976, 7202  
 STERILITY, MALE: 5799, 6976  
 STERILIZATION: 1057, 2160-2162, 2244, 2885, 3853, 4544, 5514  
 STERILIZATION, SEXUAL: 2624  
 STERNUM: 6388, 6426, 6581  
 STEROIDS: 447, 695, 751, 1141, 1423, 1549, 1575, 1853, 2002, 2219, 2647, 2985, 3383, 3562, 4704, 5083, 5177, 5428, 7043  
 STEROLS: 203, 2826, 3974, 3766, 4705, 5389, 6557, 7171  
 STEVENS-JOHNSON SYNDROME: 5239  
 STILBAMIDINES: 2033  
 STILBENES: 6348  
 STIMULATION, CHEMICAL: 43, 229, 315, 364, 374, 441, 483, 515, 529, 637, 657-658, 771, 820, 825, 841, 925, 980, 1012, 1034, 1056, 1246, 1382, 1444, 1476, 1645, 1817, 1976, 2016, 2026, 2059, 2114, 2138, 2377-2380, 2390, 2531, 2536-2537, 2650, 2711, 2716, 2781, 2817, 2825-2826, 2863, 2934, 3010, 3034, 3052, 3140, 3169, 3181, 3184, 3234, 3250, 3254, 3267, 3317, 3320, 3471, 3488, 3510, 3512, 3525, 3584, 3600, 3840, 3951, 3989, 4016, 4033, 4051, 4167, 4442, 4444, 4452, 4467, 4503, 4705, 4749, 4795, 4830, 4921, 4966, 5133, 5146, 5348, 5358, 5422, 5513, 5523, 5665, 5783, 5795, 5802, 5854, 5895, 5917, 6029, 6104, 6235, 6347, 6390, 6452, 6454, 6460, 6472, 6521, 6546, 6635, 6674, 6706, 6717, 6718, 6768, 6964, 6981, 6994, 7018, 7041, 7270-7271  
 STOMACH: 201, 377, 703, 1012, 1830, 1856, 2020, 2057, 2076, 2802, 3169, 3339, 3351, 4226, 4239, 4409, 4668, 5185, 5481, 5686, 6359, 6432, 6681  
 STOMACH DISEASES: 6526  
 STOMACH NEOPLASMS: 12, 228, 716, 720, 835, 1025, 1036, 1039, 1048, 1830, 2076, 3059, 3172, 3249, 4015, 4035, 4883, 5012, 5042, 5081, 5333, 5335, 5525, 6333, 6345, 6409, 6413, 6533, 6699, 6769, 6774, 7278  
 STOMACH ULCER: 681, 1039, 1742, 2020, 2674, 2721, 3955, 4227, 4534, 5012, 5359, 6533  
 STOMATITIS: 2287, 4204, 5333  
 STRABISMUS: 1563-1564, 6648, 7130  
 STREPTOCOCCAL INFECTIONS: 127, 792, 1134, 1173, 1579, 2246, 2640, 3451, 4738, 6136, 7124, 7176  
 STREPTOCOCCUS: 550, 861, 1108, 1181, 1755, 1895, 2562, 2808, 3128, 3422, 3452, 3495, 3566, 3694, 3742, 4194, 5288, 5413, 5449, 5486-5487, 6136, 6395, 6737, 6918  
 STREPTOCOCCUS FAECALIS: 1273, 1755, 2449, 2561, 3704, 4566, 6901  
 STREPTOCOCCUS PYOGENES: 2640, 3110, 4333  
 STREPTODORINASE AND STREPTOKINASE: 408, 464, 1992, 3633, 4259, 4716, 4738, 5418, 5456, 5724, 5932, 5960, 6102, 6786  
 STREPTOKINASE: 134-136, 154-155, 180, 202, 254, 270, 289, 393-394, 446, 550-551, 562, 585-588, 871-872, 924, 952, 1031, 1100, 1172, 1183, 1189, 1301, 1303, 1370, 1392, 1493, 1553, 1612, 1617, 1816-1817, 1823, 1825, 1854, 2034, 2065-2066, 2121, 2164, 2263, 2304, 2353, 2377-2378, 2397, 2462, 2513, 2531, 2558-2559, 2577, 2607, 2609, 2904-2905,

2920, 2993, 3002, 3021-3022, 3024-3025, 3103, 3233, 3268, 3394, 3409, 3451-3452, 3481, 3495, 3500, 3510, 3557-3558, 3560, 3569, 3830, 3842, 3744, 3770, 3815, 3852, 3904, 4000, 4021, 4046, 4108-4109, 4125-4126, 4144, 4244, 4255, 4297-4298, 4393, 4406, 4615, 4620, 4873, 4972, 4975, 5014, 5016, 5030, 5058, 5167, 5251, 5286, 5408, 5419, 5449, 5456, 5582, 5681, 5701, 5703-5704, 5718-5719, 6163, 6244, 6259, 6279, 6405, 6421-6423, 6500, 6512, 6574, 6642, 6700, 6737, 6746, 6786, 6811, 6867, 6904, 7029, 7035, 7098, 7124, 7136, 7205, 7252, 7255  
 STREPTOLYSIN: 1768, 2512, 3495, 4716, 5168, 6385  
 STREPTOMYCES: 322, 728, 2999, 3027, 3312, 4717, 6522, 6547, 6791, 7128  
 STREPTOMYCIN: 140, 450, 523, 543, 730, 1703, 2291, 2856, 3153, 3867, 4157, 5127, 5470, 5995, 6166, 7181  
 STRESS: 645, 681, 983, 1245, 3807, 4012, 4110, 4588, 4702, 5963, 5998, 6391  
 STRESS, PSYCHOLOGIC: 97, 6408  
 STRONTIUM: 892, 2133, 3966, 5787  
 STRONTIUM ISOTOPIES: 3281, 4901  
 STROPHANTHIN: 382, 6746  
 STRYCHNINE: 5468  
 STUDENTS, DENTAL: 4477  
 SUBARACHNOID HEMORRHAGE: 166, 236, 600, 814, 1831, 1863, 1867, 1977, 2289, 2397, 5031, 5916, 6942, 7126, 7263  
 SUBARACHNOID SPACE: 1867, 2050, 2979  
 SUBCLAVIAN ARTERY: 1305, 5713  
 SUBCLAVIAN STEAL SYNDROME: 1640, 2551  
 SUBCLAVIAN VEIN: 4190, 4192, 5713  
 SUBMANDIBULAR GLAND: 139, 201, 692, 1752, 2006-2007, 3135, 6553  
 SUBTRACTION TECHNIC: 2260, 2487, 6798  
 SUCCINATE DEHYDROGENASE: 635, 637, 810, 1356, 1601, 5377-5378, 6105, 7049  
 SUCCINATES: 43, 186, 223, 384, 426, 637, 810, 1112, 1122, 1356, 1477, 1751, 2702, 2933, 2956, 3468, 4051, 4811, 5615, 6069, 6144, 6964  
 SUCCINYLCHOLINE: 751, 6927  
 SUCRASE: 309, 2102, 5918, 6270  
 SUCROSE: 486, 567, 776, 825, 936-937, 992, 1511, 1551, 1607, 2426, 2645, 2792, 3006, 3140, 3401, 3731, 3870, 3965, 4061, 4074, 4175-4176, 4258, 4878, 5433, 5475, 5597, 5769, 5808, 5812, 5995, 6309, 6313, 6359, 6968  
 SUICIDE: 6686  
 SULFADIAZINE: 1481, 2673, 4469  
 SULFAMETHAZINE: 1703, 6891  
 SULFAMETHIZOLE: 66  
 SULFAMETHOXAZOLE: 2386, 2644  
 SULFANILAMIDE: 4065  
 SULFAPYRAZOLE: 1060  
 SULFATES: 123, 1320, 1427, 1905, 2661, 3992  
 SULFATES: 139, 250, 402, 469, 545, 613, 635, 936, 1371, 1446-1447, 1501, 1511, 1649-1650, 1684, 1696, 1942, 2048, 2212, 2415, 2424, 2430, 2502, 2696, 2704, 2873, 2977, 2994, 3049, 3095, 3101, 3109, 3221, 3248, 3450, 3504, 3537, 3899, 4025, 4244, 4257-4258, 4388, 4416, 4443, 4520, 4589, 4713, 4763-4764, 4916, 4995, 5119, 5158, 5373, 5389, 5407, 5623, 5657, 5895, 6027, 6106, 6143, 6253, 6280, 6457, 6556, 6646, 6650, 6689, 6801, 6986, 6989, 7048, 7051, 7074, 7084, 7098  
 SULFENIC ACIDS: 605, 771  
 SULFHYDRYL COMPOUNDS: 151, 241, 322, 613, 806, 832, 892, 1107, 1122, 1406, 1809, 1864, 2549, 2685, 2687, 2892, 2974, 3213, 4152, 4214, 4471, 4537, 4620, 4642-4643, 4897, 5066, 5107, 5902, 5968, 6091, 6220-6221, 6926  
 SULFIDES: 45, 348, 515, 605, 700, 832, 861, 1122, 1512, 1878, 1889, 2215, 2496, 2630, 2875, 2892, 2999, 3583, 3688, 3982, 4088, 4273, 4692, 4760, 4897, 5021, 5455, 5902, 5926, 6091, 6172, 6220, 6331, 6462, 6808  
 SULFINIC ACIDS: 1006, 6535  
 SULFINPYRAZONE: 2949, 2969, 7191  
 SULFISOXAZOLE: 4227  
 SULFITES: 796, 1481, 2038, 2686, 3784, 6331  
 SULFOBROMOPHTHALEIN: 1526, 1767, 1846, 3519, 3920, 4568, 4790, 5274, 6972  
 SULFONAMIDES: 852, 1133, 1530, 3541, 3851, 4217, 4337, 5210, 6050, 6361, 6975  
 SULFONES: 2509, 3267, 4911  
 SULFONIC ACIDS: 335, 727-728, 796, 817, 1105, 1240, 1381, 1694, 1708, 1755, 1773, 2063, 2353, 2428, 2445, 2598, 2707, 2879, 3213, 3260, 3279,



# SUBJECT INDEX

3621, 3724, 3763, 4161, 4273, 4349, 4438,  
4491-4492, 4506, 4538, 4544, 4758, 4912, 5107,  
5240, 5475, 5489, 5908, 5968, 6129, 6178, 6220,  
6333, 6462, 6783, 6966, 7156  
SULFOXIDES: 45, 3267, 6118  
SULFUR: 515, 1075, 1474, 2808, 2941, 4260, 4916,  
6332, 6924  
SULFUR ISOTOPES: 1060, 1151, 1427-1428, 1807,  
1835, 2424, 2716, 2872, 3753, 3877, 3882, 4565,  
5120, 5171, 6950, 7108  
SULFURIC ACIDS: 204, 249, 304, 795, 807, 1144,  
1751, 2080, 3008, 3049, 3260, 3264, 4214, 4485,  
4834, 5355, 5929, 6095, 6158, 6185, 6221, 6254,  
6467, 6553, 6924, 6985, 6999  
SUNLIGHT: 3854  
SUPPURATION: 160, 1248, 1769, 1951, 2244, 2619,  
2927, 2973, 5533, 6693, 6979  
SURFACE ACTIVE AGENTS: 263, 459-460, 637,  
709, 936-937, 1251, 1474, 1517, 1610, 1660, 2279,  
2305, 2358, 2525, 2539, 2589, 2622, 2673, 2777,  
2950, 3152, 3296, 4683, 4878, 5020, 5384, 5388,  
5402, 5470, 5723, 6127, 6333, 6538, 6821, 6885,  
6998, 7059  
SURFACE PROPERTIES: 116, 373-374, 495, 529,  
632-633, 669, 1083, 1421, 1660, 1910, 2107, 2459,  
2720, 2883, 2950, 2970, 3490, 3586, 3590, 3593,  
3817, 3841, 4133, 4150, 4152, 4544, 5020, 5240,  
5520-5521, 5790, 6067, 6094, 6636, 6775-6776, 6875,  
6932, 7156  
SURFACE TENSION: 3401, 3841, 4446, 6227  
SURGERY: 2189  
SURGERY, OPERATIVE: 70, 108, 283, 503,  
623-624, 689, 983, 1666, 1694, 2494, 2879, 2959,  
2968, 3088, 3546, 3689, 4138, 4700-4701, 4874,  
5040, 5302, 5306, 5331, 5472, 5933, 6266, 6330,  
6803, 7078, 7078, 7152  
SURGERY, ORAL: 195, 958, 1304, 2681, 2955,  
5362, 5482, 5552, 6872, 7020  
SURGERY, PLASTIC: 324, 1092, 1198, 1262, 2110,  
2174, 2639, 2964-2965, 4410, 4710, 5489, 5698,  
5806, 5934, 6038, 7117  
SURGICAL INSTRUMENTS: 704, 1323, 1508, 2203,  
2355, 3858, 5040, 5174, 5340  
SURGICAL MESH: 1323, 2837  
SURGICAL STAPLERS: 5357  
SURGICAL WOUND DEHISCENCE: 673, 943, 2174,  
2931, 4782, 5680, 6231  
SURGICAL WOUND INFECTION: 818, 1224, 1896,  
2174, 2244, 3881, 4434, 4990, 5533, 6231  
SUSPENSIONS: 191, 334, 362-363, 809, 1042, 1128,  
3181, 3183, 4551, 5999, 6201, 6224, 6450, 6624  
SUTURE TECHNIQS: 121, 667, 1770, 1853, 2174,  
2203, 2234, 2874, 3143, 3361, 4782, 5040, 5350,  
5357, 5364, 5762  
SUTURES: 430, 1770, 1774, 1850, 1885, 2189, 3361,  
3578, 3921, 4578, 5284, 5762, 7009, 7151  
SV40 VIRUS: 486, 945, 2490, 4831  
SWEATING: 1913  
SWEDEN: 4602  
SWEETENING AGENTS: 2645  
SWINE: 23, 115, 139, 148, 150, 206, 212, 237, 255,  
331, 348, 694, 746, 763, 987, 1122, 1133, 1156,  
1261, 1486-1489, 1501, 1689, 1795, 1844, 1851,  
1864, 1889, 1919-1920, 1922, 2033, 2048-2049, 2302,  
2348, 2352-2353, 2421, 2449, 2545, 2583, 2720,  
2747, 2757, 2789, 2802, 2816-2817, 2875-2876, 2913,  
3017, 3048, 3083, 3109, 3123-3124, 3145, 3202,  
3209, 3233, 3247, 3255, 3288, 3351, 3353, 3460,  
3569, 3583, 3608, 3658, 3672-3673, 3706, 3713,  
3816, 3818, 3842, 4028, 4036, 4038-4039, 4048,  
4160-4161, 4274, 4293, 4310, 4366, 4369, 4476,  
4506, 4584, 4693-4694, 4819, 4830, 4969, 5019,  
5021, 5080, 5064, 5328, 5373, 5381, 5710, 5766,  
5794, 5828, 5905-5906, 5967, 5979, 6146, 6157,  
6197, 6340-6341, 6424, 6475, 6527-6529, 6545,  
6577-6579, 6603, 6624, 6644, 6724, 6747, 6840,  
6847, 6866, 6910, 6985-6986, 7015, 7035, 7069,  
7249  
SWINE DISEASES: 212, 1156, 2302, 3017, 3713,  
4036  
SWITZERLAND: 2756, 3782  
SYMBIOSIS: 4047, 5887  
SYMPATHECTOMY: 265, 2177, 3885, 4744, 5991,  
6792  
SYMPATHETIC NERVOUS SYSTEM: 2434, 2533  
SYMPATHOLYTICS: 942, 2841, 4239, 4437, 4867,  
7043, 7257  
SYMPATHOMIMETICS: 368, 2767, 3886, 4455, 4867,  
5235, 5422, 7257  
SYNAPSES: 3007, 4162

SYNAPTIC VESICLES: 2992  
SYNCOPE: 4478  
SYNOVIAL FLUID: 9, 1868, 2713, 2909, 3707,  
6447, 6572  
SYNOVIAL MEMBRANE: 146, 1868, 1892, 2603,  
2713, 2909, 3575, 3824, 3955, 4252, 4480, 4934,  
6176, 6572  
SYNOVIOMA: 975, 1167, 1789, 3281, 3575, 4459,  
7150  
SYNOVITIS: 30, 161, 6086  
SYPHILIS: 5403, 5569  
SYPHILIS, CARDIOVASCULAR: 2994, 7266  
SYPHILIS, CUTANEOUS: 7280  
SYPHILIS, LATENT: 2930  
SYPHILIS SERODIAGNOSIS: 899, 1109  
SYRINGES: 89  
SYRINGOMYELIA: 6034

## T

TABLETS: 1940, 2673, 3716, 4077, 4441, 5388,  
5856, 5978, 6036  
TABLETS, ENTERIC-COATED: 4023, 7214  
TACHYCARDIA: 809, 3476, 3725, 4135, 5342, 5840,  
6703  
TACHYCARDIA, PAROXYSMAL: 1217  
TACHYPHYLAXIS: 1817, 5749, 6109  
TAENIA: 2171  
TAIL: 1517, 2339, 6241  
TAIWAN: 565  
TALC: 1845, 5468, 5815  
TAMPONS: 1491, 2055, 2189, 2590, 2699, 5633,  
5894  
TANNING: 1333, 1354, 5464  
TANNINS: 1290, 2114, 2292, 2869, 4106, 4723,  
6359, 7134  
TARSAL JOINT: 1484  
TARTRATES: 358, 5821  
TASTE: 6707  
TAURINE: 1219, 6534-6535  
TEACHING: 6418  
TECHNETIUM: 80, 1146, 2832, 3382, 4938, 5290,  
5469, 6568  
TECHNOLOGY, MEDICAL: 317, 1519, 2160, 3150,  
5151, 5209, 6660  
TECHNOLOGY, RADIOLOGIC: 577, 726, 2487,  
4960, 5157, 5163  
TELANGELECTASIA, HEREDITARY  
HEMORRHAGIC: 1050, 1459, 2091, 2167, 2295,  
2938, 5232, 6483, 6777  
TELANGECTASIS: 272, 313, 662, 1028, 1328, 2069,  
5009-5010, 5711, 5805  
TELEVISION: 2434  
TELLURIUM: 5961  
TEMPERATURE: 99, 107, 148, 168, 188, 217,  
342-343, 363, 373, 419, 426, 517-518, 603, 608,  
726, 846, 893, 898, 914-915, 930, 1056, 1096, 1112,  
1154, 1240, 1245, 1251, 1265, 1290, 1316,  
1345-1346, 1349, 1385, 1398, 1487, 1551, 1626,  
1685, 1751, 1799, 1808, 1848, 1963, 1976, 2270,  
2323, 2401, 2426, 2437, 2488, 2563, 2565, 2573,  
2657, 2667, 2723, 2743, 2770-2771, 2789, 2814,  
2912, 2934, 2976, 2983, 3006, 3018, 3049, 3055,  
3098, 3103-3104, 3125-3126, 3193, 3204, 3341, 3393,  
3396, 3454, 3460, 3489, 3534, 3621, 3701, 3741,  
3767, 3804, 3854, 3866, 3906, 3910, 3970, 3986,  
4017, 4027, 4243, 4256, 4296, 4367, 4458, 4512,  
4598, 4622, 4663, 4670, 4675, 4695, 4714, 4878,  
5033, 5180, 5197, 5232, 5259, 5497, 5514, 5597,  
5765, 5794, 5809, 5859, 5879, 5900, 5914, 6027,  
6033, 6052, 6190-6191, 6195-6196, 6198, 6280, 6326,  
6624, 6644, 6725, 6809, 6818, 6861, 6897, 6989,  
7049, 7143  
TEMPLATES: 6899  
TEMPORAL LOBE: 235-236  
TEMPOROMANDIBULAR JOINT: 2516  
TENDINITIS: 3222  
TENDON INJURY: 3143, 4578, 5602  
TENDONS: 663, 767, 1415, 1797, 3908, 4578, 6171,  
6241  
TENDONS, PARA-ARTICULAR: 2603  
TERATOID TUMOR: 1435, 4253, 5537, 5664  
TERBIUM: 3512  
TERPENES: 1771, 2387, 2390, 6440, 6518, 6788  
TESTICULAR DISEASES: 21  
TESTICULAR NEOPLASMS: 3249  
TESTIS: 384, 1137, 2814-2815, 2941, 3004, 3266,  
3493, 3545, 3711, 3816, 4060, 4078, 4122, 4480,  
5415, 5944, 5979, 6801, 6950, 7260

TESTOSTERONE: 78, 1721, 1758, 2493, 2930, 3257,  
3266, 3570, 3805, 5428, 5500, 6981  
TETANUS: 856, 877, 3622, 3970, 4730, 6202, 6721  
TETANUS ANTITOXIN: 3572, 3970, 4838, 6965  
TETANUS TOXOID: 1370, 3622, 4118, 4227  
TETANY: 1898, 3981  
TETRACAINE: 6945  
TETRACYCLINE: 32, 92, 473, 523, 659, 809, 880,  
1232, 2359, 3153, 3751, 4157, 5552, 5659, 5737,  
6722, 6815, 7181  
TETRAHYDROFOLATE DEHYDROGENASE: 312  
TETRAHYMENA: 2655  
TETRALOLOGY OF FALLOT: 881, 1639, 2820, 3643,  
6448  
TETRAZOLIUM SALTS: 2635, 3378, 5042  
TETROSES: 5353  
THAILAND: 1815, 2370, 4606  
THALASSEMIA: 38, 126, 1439, 2626, 3009,  
3478-3479, 3871, 4537, 5747, 5757, 6062  
TRALIDOMIDE: 610, 2454, 5468  
TRALLIUM: 2823  
THEOPHYLLINE: 1592, 3250, 3584, 3609, 4091,  
4224, 4833, 5251, 5665, 7005  
THERMODYNAMICS: 1240, 1265, 1477, 2288,  
2437-2438, 2444, 2877, 3125, 5265, 5875-5876  
THERMOGRAPHY: 723, 2260, 2711, 3930, 5063,  
5301, 5363  
THIAMINE: 925, 1056, 1133, 2209, 2847, 5655,  
6029, 6349, 6722, 6824  
THIAMINE DEFICIENCY: 1056, 3918, 6824  
THIAMINE PYROPHOSPHATE: 1056  
THIAZINES: 4195  
THIAZOLES: 1530, 2027, 3706, 5914, 6053  
THIGH: 291, 453, 622, 758, 2658, 3387, 5925, 6125,  
6282  
THIOCARBAMATES: 3315  
THIOCYANATES: 304, 2159, 4572, 5961, 6457,  
6529, 6556  
THIOGLYCOLATES: 990, 1795, 3565, 3600  
THIOGUANINE: 5468  
THIOMALATES: 5468  
THIOPENTAL: 4157  
THIOPHENES: 3775, 6417  
THIOPROPERAZINE: 4769  
THIORIDAZINE: 2524  
THIOSEMICARBAZONES: 2057  
THIOSULFATES: 810, 1391, 1415  
THIO-TEPA: 1025, 1832, 2205, 3448, 3912, 4809  
THIOURACIL: 2823  
THIRST: 1041, 2232  
THORACIC ARTERIES: 4541, 5782  
THORACIC DISEASES: 801  
THORACIC DUCT: 192, 1873, 2404, 2542, 3458,  
5034, 6502  
THORACIC INJURIES: 1305, 1466, 1876, 2947,  
5089, 6060, 6227, 6955  
THORACIC NEOPLASMS: 630, 5674, 6388  
THORACIC RADIOGRAPHY: 1217, 1305, 3110,  
3486, 4862, 5668, 6169, 7266  
THORACIC VERTEBRAE: 1866, 5673  
THORACOPLASTY: 1258  
THORAX: 204, 2056, 2818, 4026, 5720, 7025  
THORIUM DIOXIDE: 361, 1709, 2181, 6932  
THREONINE: 934, 968, 1405, 1676, 1684, 2593,  
2759, 3008, 3336, 3545, 4240, 4572, 4659, 4846,  
5078, 5169, 6069  
THROMBELASTOGRAPHY: 16, 101, 129, 233, 246,  
306, 351, 354, 412, 537, 557, 678, 764, 828, 870,  
877, 906, 939, 970, 1049, 1077, 1324, 1494, 1521,  
1609, 1724, 1819, 1829, 1852, 1860, 1949, 1990,  
2002, 2029, 2098, 2158, 2251, 2410, 2531, 2650,  
2669-2670, 3233, 3235, 3338, 3397, 3433, 3522,  
3596, 3642, 3705, 3727, 3744, 3838, 3998, 4065,  
4120, 4201, 4209, 4220, 4241, 4282, 4377, 4423,  
4432, 4499, 4774, 4869, 4890, 4974, 5063,  
5085-5086, 5118, 5149, 5182, 5192, 5260, 5372,  
5431, 5506-5507, 5519, 5522-5523, 5672, 5744, 5836,  
5852, 6102-6103, 6137, 6232, 6271, 6406, 6414,  
6498, 6500, 6507, 6509, 6567, 6746, 6759, 6840,  
6880, 6940, 7087, 7091, 7161, 7175  
THROMBIN: 10, 18, 114, 155, 180, 209, 213, 270,  
289, 352, 373, 458, 478, 586, 594-595, 598, 876,  
996, 1039, 1107, 1143, 1152, 1301-1302, 1337-1338,  
1347, 1375, 1410, 1532, 1638, 1662, 1688, 1728,  
1803, 1874, 1902, 1957, 1959, 1979, 1985,  
1988-1989, 2034, 2121, 2133, 2256, 2265-2266, 2304,  
2345, 2416, 2463-2464, 2470, 2482, 2498, 2539,  
2567, 2660-2662, 2727, 2739, 2803, 2816, 3016,  
3092, 3170, 3243, 3430, 3433, 3499, 3522, 3547,  
3652, 3657, 3722, 3885, 3888, 3915, 3921-3922,



# SUBJECT INDEX

- 3941, 3943, 3980, 3982, 3997, 4011, 4019-4020, 4062, 4090, 4100, 4102, 4129, 4165, 4213, 4272, 4282, 4423, 4425, 4430, 4451-4452, 4462, 4513, 4580-4581, 4585-4586, 4630, 4693-4694, 4728, 4755-4756, 4802, 4823, 4904, 4933, 4994, 5008, 5022, 5071, 5133, 5187, 5328, 5337-5339, 5374, 5565, 5600, 5634, 5775-5777, 5836, 5937, 5985, 6009, 6064, 6097, 6103, 6183, 6185, 6203, 6235, 6281, 6297, 6311, 6313, 6315, 6347, 6393, 6414, 6422, 6424, 6429, 6457, 6500, 6509-6511, 6524, 6811, 6864, 6898, 6914, 6925, 6931, 7005, 7021, 7116, 7144, 7149, 7158, 7165-7166, 7173, 7196, 7200, 7254
- THROMBOANGIITIS OBLITERANS: 714, 1039, 3038, 6397
- THROMBOCYTOSIS: 198, 243-244, 466, 468, 479, 1079, 1314-1315, 1344, 1591, 1593, 1705, 1718, 2423, 2497, 2520, 2775, 3132, 3960, 4338, 4593, 4706, 4737, 4952, 5211, 5410, 5444, 5474, 5662, 5908, 5942-5943, 6308, 6887
- THROMBOEMBOLISM: 85, 108, 112, 127, 134, 136, 160, 242, 244, 261, 404, 434, 651, 703, 708, 711, 947, 954-955, 1052, 1090, 1120, 1172, 1275, 1293, 1414, 1472, 1575, 1823-1824, 1964, 1988, 2030, 2090, 2194, 2249, 2384, 2412, 2507, 2510, 2513, 2579, 2607-2608, 2624, 2749, 2822, 2882-2883, 2910, 2925, 2991, 3097, 3201, 3287, 3436-3437, 3445, 3503, 3544, 3661, 3718, 3757, 3778, 3815, 3869, 3884, 3927, 3954, 4065, 4082, 4094, 4096, 4123, 4231, 4372, 4434, 4470, 4487, 4757, 4997, 5027, 5032, 5070, 5083, 5109, 5133, 5212, 5243, 5251, 5284, 5386, 5399, 5458, 5499, 5553, 5588, 5681, 5703, 5724, 5729-5730, 5755, 5870, 5999, 6079, 6116, 6133, 6344, 6357, 6415, 6422, 6493, 6539, 6637, 6675, 6721, 6730, 6838, 6876, 7204, 7227, 7242
- THROMBOPENIA: 35-36, 93, 149, 190, 258, 284-286, 288, 305-306, 320, 328, 355, 387, 413, 419, 443, 447, 479, 510, 516, 569, 578, 627, 696, 716, 760, 768, 803-804, 809, 823, 843, 863, 972, 991, 1007, 1025, 1079, 1084-1085, 1129, 1151, 1169, 1252, 1254, 1360, 1407, 1430, 1433, 1505, 1543, 1584, 1593-1594, 1598, 1637, 1642, 1654, 1682, 1697, 1705, 1708, 1723, 1750, 1888, 1984, 2014, 2016, 2045, 2054, 2077, 2098-2100, 2116, 2138, 2155, 2213, 2247, 2263, 2287-2288, 2273, 2277, 2283, 2300, 2363, 2386, 2410, 2423-2424, 2488, 2599, 2609, 2613-2614, 2626, 2644, 2647, 2735, 2774, 2820, 2918, 2926, 2948, 2954, 3029, 3040, 3047, 3059, 3105, 3142, 3237, 3289, 3305, 3356, 3426, 3457-3458, 3478, 3502, 3515, 3520, 3550, 3576, 3598, 3607, 3620, 3646, 3652, 3737, 3749, 3823, 3867, 3884, 3901, 3912, 3960, 4002, 4043, 4058, 4139, 4145, 4159, 4164, 4215, 4249, 4320, 4340, 4343, 4380, 4458, 4461, 4505, 4527, 4547, 4586, 4590, 4614, 4641, 4706, 4732, 4737, 4814, 4820, 4884, 4888, 4891, 4952, 4958, 4972, 4982, 5006, 5024, 5111, 5124, 5142, 5175, 5227, 5232, 5303, 5318, 5333, 5390, 5417, 5439, 5443, 5497, 5543, 5566, 5604, 5606-5607, 5628, 5667, 5696, 5741-5743, 5754, 5768, 5857, 5907-5908, 5910, 5927, 5940, 5942, 6114, 6122, 6130, 6170, 6187-6188, 6207, 6361, 6464, 6476, 6498-6499, 6618, 6699, 6704-6706, 6709-6710, 6715, 6736, 6769-6771, 6773, 6856, 6880, 6882, 6891, 6925, 6947, 6973, 6984, 6993, 6995, 7046, 7105, 7188, 7210, 7237, 7264, 7267
- THROMBOPHLEBITIS: 27, 46, 103, 127, 137, 149, 157, 233, 242-243, 267, 355, 418, 435, 447, 504, 529-530, 672, 770, 784-786, 791, 814, 873-874, 908, 1132, 1148, 1217, 1365, 1403, 1414, 1499, 1559, 1572, 1575, 1596, 1606, 1783, 1825, 1854-1855, 1912, 1917, 2010, 2196, 2243, 2289, 2293, 2316, 2384, 2396, 2442, 2575, 2606-2607, 2646, 2672, 2691, 2874, 2904, 2945, 2963, 2987, 2991, 2993, 3001, 3021-3023, 3028, 3029, 3160, 3201, 3251, 3253, 3481, 3507, 3516-3517, 3630, 3717, 3792, 3815, 3896, 3905, 3925, 3981, 3996, 4040, 4121, 4123-4126, 4183, 4227, 4251, 4255, 4264, 4356, 4417, 4434, 4450, 4460, 4479, 4487, 4558, 4576, 4685, 4744, 4818, 4849, 4884, 4873, 4900, 4944, 5014, 5024, 5030, 5058, 5182, 5225, 5261, 5341, 5408, 5447, 5469, 5499, 5625, 5681, 5701, 5703-5704, 5720, 5780, 5847, 5870, 5889, 5925, 5935, 5990, 6294, 6317, 6344, 6357, 6405, 6410, 6423, 6446, 6513, 6519, 6525, 6621, 6666, 6690, 6721, 6778, 6786, 6805, 7227, 7242, 7263
- THROMBOPLASTIN: 17, 68, 98, 169, 180, 237, 288, 452, 461, 478, 482, 579, 594-595, 707-708, 710, 780, 1039, 1170, 1182, 1195, 1494, 1590, 1747, 1926, 1938, 1956, 2075, 2095, 2097, 2111, 2121, 2384, 2410, 2412, 2447, 2463, 2581, 2852, 2761-2762, 2806, 3011, 3103, 3124, 3197, 3235, 3265, 3488, 3559, 3652, 3655, 3755, 3761, 3884, 3890, 3980, 4062, 4090, 4100, 4129, 4423, 4456-4437, 4462, 4528, 4552, 4579-4583, 4586, 4593, 4597, 4629-4630, 4632, 4648, 4904, 4941, 4968, 5014-5015, 5024, 5101, 5114, 5198, 5214, 5221, 5230, 5242, 5575, 5585, 5775, 5981, 6044, 6436, 6509, 6683, 6727, 6734, 6897, 7107, 7134, 7144, 7153, 7186, 7192-7193, 7212, 7248
- THROMBOPOIETIN: 1151, 2424, 3119, 3406, 4950, 5908
- THROMBOSIS: 2, 27, 33, 48, 421, 435, 468, 503, 530, 535, 553, 557, 581, 585, 625, 632-633, 640, 642, 695, 714, 716, 733, 808, 869-870, 874, 908, 946, 1076, 1084, 1172, 1189-1190, 1220, 1223, 1236, 1281, 1315, 1392, 1409, 1413, 1424, 1497, 1520, 1529, 1572, 1580, 1589, 1612, 1662, 1670, 1673, 1677, 1686, 1725, 1729, 1756, 1781, 1783, 1787, 1825, 1835, 1894, 1910, 1930, 1967, 1999, 2010, 2073, 2107, 2144, 2252, 2281, 2354, 2442, 2448, 2482, 2500, 2514, 2560, 2564, 2579-2580, 2609, 2662, 2669, 2691, 2720, 2739, 2758, 2773, 2799, 2820, 2865, 2889, 2905, 2949, 2968, 2991, 3038, 3069, 3166, 3176-3177, 3232, 3236-3237, 3242, 3268, 3350, 3430, 3514, 3564, 3592, 3596, 3614, 3624, 3690, 3728, 3761, 3770-3771, 3802, 3880-3881, 3883, 3887, 3952, 3971, 3997, 4010, 4019, 4046, 4057, 4059, 4135, 4211, 4269, 4318, 4363, 4372, 4425, 4430, 4453, 4470-4471, 4544, 4558, 4652, 4680, 4743, 4776, 4973, 4981, 4995-4996, 5014, 5069, 5110, 5129, 5136, 5183, 5283, 5286, 5302, 5308, 5316, 5329-5331, 5336-5339, 5354, 5374, 5454, 5458, 5473, 5542, 5562, 5582, 5663, 5671, 5681, 5704, 5713, 5718-5719, 5735, 5767, 5828, 5870, 5898, 5912, 5921, 5983-5984, 5990, 6009, 6068, 6094, 6163, 6240, 6279, 6317, 6363, 6373, 6375, 6397, 6424, 6428, 6431, 6508, 6523, 6590, 6607, 6636, 6786, 6793, 6811, 6828, 6895, 6914, 6949, 6971, 6988, 7002, 7015, 7029, 7076, 7079, 7086, 7136, 7144, 7156, 7196-7197, 7247
- THUMB: 6125, 7037
- THYMECTOMY: 583
- THYIMIDINE: 254, 263, 454, 824, 1088, 1698, 1791, 1861, 1880, 2190, 2221-2222, 2928, 3183, 3866, 3882, 4858, 4876, 4716, 4911, 4917, 5041, 5418, 5443, 5783, 5895, 6057, 6112, 6449, 7004
- THYIMIDINE KINASE: 5895
- THYMINE: 1235
- THYMOL: 1873
- THYMOMA: 2173, 4253, 6503
- THYMUS GLAND: 149, 254, 284, 318, 477, 494, 860, 1228, 1341, 2621, 2806, 2864, 2907, 2952, 3366, 3520, 3701, 3963, 4765, 4961, 5034, 5419, 5637, 5821, 5979, 6002, 6114, 6390, 6638, 6789, 6987
- THYMUS NEOPLASMS: 2173, 5081, 5361
- THYROCALCITONIN: 348, 3145, 4048, 5064
- THYROGLOBULIN: 106, 4739, 4935, 4980, 5420, 5441, 6352, 6629
- THYROID GLAND: 171, 481, 1022, 1090, 1313, 1804, 2802, 3188, 3668, 3789, 4006, 4048, 4141, 4305, 4684, 4723, 4739, 4897, 4935, 5016, 5083, 5415, 6130, 6261, 6352, 6387, 6629, 6812, 6821
- THYROID GLAND FUNCTION TESTS: 4006
- THYROID HORMONES: 207, 644, 3805, 4006, 4697
- THYROID NEOPLASMS: 3249, 3640, 4006, 5525, 5559, 6629, 6798
- THYROIDECTOMY: 1898, 3640, 4935, 7025
- THYROIDITIS: 4006, 4723, 4980, 6130
- THYROIDITIS, LYMPHOMATOUS: 1615, 4723, 5799, 6629
- THYRONINE: 105
- THYROTROPIN: 105-106, 2173, 2722, 3668, 4684, 4935, 6761
- THYROXINE: 106, 372, 1517, 1804, 3189, 3432, 3805, 4406, 5375, 5871, 5807, 6521, 6629, 6761, 7070-7071
- THYROXINE-BINDING PROTEIN: 106
- TIBIA: 267, 515, 771, 963, 1650, 1872, 5171, 6105, 6125, 6426, 6729
- TIBIAL FRACTURES: 710, 1497, 2579, 5584
- TIME: 1471, 1766, 3765, 3785
- TIME FACTORS: 14, 46, 134, 147, 163, 174, 199, 202, 208, 229-230, 250, 252, 280-281, 283, 296, 314, 342-343, 369, 373-374, 405, 440-441, 444, 448, 454, 458, 468, 470, 476, 491, 505-506, 519, 536, 557, 570, 578, 585-587, 598-599, 604, 608, 611, 629, 632, 654, 657, 667, 684, 694, 703, 728, 763, 781, 795, 806, 826, 871-872, 875, 881, 884, 892, 898, 900, 925-926, 953, 981, 996, 998, 1005, 1012, 1029, 1033, 1044, 1056, 1098, 1111-1112, 1122, 1146, 1148-1149, 1159, 1176, 1190, 1204, 1216, 1231, 1243, 1270, 1279, 1289-1290, 1301, 1303, 1319, 1345, 1349, 1369, 1379, 1383, 1388, 1398, 1420, 1440, 1490, 1493, 1503, 1518, 1525, 1536, 1544, 1552, 1561, 1564, 1580, 1601, 1604, 1612, 1621, 1634, 1666, 1681, 1686, 1768, 1778, 1797, 1803, 1811, 1815, 1817, 1873-1874, 1880, 1896, 1909-1910, 1913, 1926, 1930, 1947, 1976, 2016, 2059, 2063, 2069, 2080, 2103, 2107, 2109, 2114, 2127, 2133, 2146, 2150, 2190, 2194, 2199, 2205, 2270, 2276, 2304, 2316-2317, 2323, 2335, 2353-2354, 2367, 2373, 2401, 2403, 2434, 2447, 2482, 2495, 2514, 2524, 2533, 2555, 2598, 2624, 2673, 2680, 2691, 2699, 2712, 2720, 2784, 2791-2792, 2797, 2806, 2841, 2844, 2853, 2863, 2872, 2912-2913, 2938, 2941, 2943, 2971, 2982, 3000, 3005, 3032, 3052, 3061, 3072, 3081, 3090, 3104, 3109, 3122-3123, 3149, 3153, 3156, 3204, 3238, 3242, 3246, 3249, 3267, 3269, 3287, 3307, 3320, 3362, 3374, 3393, 3398, 3400, 3406, 3419-3420, 3429, 3446, 3454, 3459-3460, 3475, 3495, 3497, 3512, 3543, 3567, 3608, 3618, 3628, 3653-3655, 3665, 3673, 3687, 3698, 3741, 3745, 3757-3758, 3770, 3804, 3806, 3829, 3839, 3848-3849, 3854, 3866, 3874, 3882, 3889-3890, 3894, 3896, 3907, 3915-3916, 3919, 3951-3952, 3957-3958, 3963, 3970, 4027, 4045, 4067, 4082, 4098, 4100-4101, 4106-4109, 4135, 4139, 4147, 4161, 4179, 4189, 4226, 4247, 4256-4257, 4273, 4283, 4304, 4323, 4331, 4356, 4395, 4412, 4448, 4452, 4467, 4479, 4503, 4517, 4519, 4611, 4615, 4634, 4641, 4652, 4663, 4668, 4675, 4678, 4693, 4695-4696, 4711, 4718, 4726, 4732, 4737, 4749, 4771, 4789, 4802, 4832, 4860, 4869, 4949, 4969, 4983, 5016, 5046, 5057-5059, 5063, 5099, 5134, 5144, 5146, 5192, 5210, 5219, 5293, 5294, 5295, 5296, 5297, 5298, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5314, 5315, 5316, 5317, 5318, 5319, 5320, 5321, 5322, 5323, 5324, 5325, 5326, 5327, 5328, 5329, 5330, 5331, 5332, 5333, 5334, 5335, 5336, 5337, 5338, 5339, 5340, 5341, 5342, 5343, 5344, 5345, 5346, 5347, 5348, 5349, 5350, 5351, 5352, 5353, 5354, 5355, 5356, 5357, 5358, 5359, 5360, 5361, 5362, 5363, 5364, 5365, 5366, 5367, 5368, 5369, 5370, 5371, 5372, 5373, 5374, 5375, 5376, 5377, 5378, 5379, 5380, 5381, 5382, 5383, 5384, 5385, 5386, 5387, 5388, 5389, 5390, 5391, 5392, 5393, 5394, 5395, 5396, 5397, 5398, 5399, 5400, 5401, 5402, 5403, 5404, 5405, 5406, 5407, 5408, 5409, 5410, 5411, 5412, 5413, 5414, 5415, 5416, 5417, 5418, 5419, 5420, 5421, 5422, 5423, 5424, 5425, 5426, 5427, 5428, 5429, 5430, 5431, 5432, 5433, 5434, 5435, 5436, 5437, 5438, 5439, 5440, 5441, 5442, 5443, 5444, 5445, 5446, 5447, 5448, 5449, 5450, 5451, 5452, 5453, 5454, 5455, 5456, 5457, 5458, 5459, 5460, 5461, 5462, 5463, 5464, 5465, 5466, 5467, 5468, 5469, 5470, 5471, 5472, 5473, 5474, 5475, 5476, 5477, 5478, 5479, 5480, 5481, 5482, 5483, 5484, 5485, 5486, 5487, 5488, 5489, 5490, 5491, 5492, 5493, 5494, 5495, 5496, 5497, 5498, 5499, 5500, 5501, 5502, 5503, 5504, 5505, 5506, 5507, 5508, 5509, 5510, 5511, 5512, 5513, 5514, 5515, 5516, 5517, 5518, 5519, 5520, 5521, 5522, 5523, 5524, 5525, 5526, 5527, 5528, 5529, 5530, 5531, 5532, 5533, 5534, 5535, 5536, 5537, 5538, 5539, 5540, 5541, 5542, 5543, 5544, 5545, 5546, 5547, 5548, 5549, 5550, 5551, 5552, 5553, 5554, 5555, 5556, 5557, 5558, 5559, 5560, 5561, 5562, 5563, 5564, 5565, 5566, 5567, 5568, 5569, 5570, 5571, 5572, 5573, 5574, 5575, 5576, 5577, 5578, 5579, 5580, 5581, 5582, 5583, 5584, 5585, 5586, 5587, 5588, 5589, 5590, 5591, 5592, 5593, 5594, 5595, 5596, 5597, 5598, 5599, 5600, 5601, 5602, 5603, 5604, 5605, 5606, 5607, 5608, 5609, 5610, 5611, 5612, 5613, 5614, 5615, 5616, 5617, 5618, 5619, 5620, 5621, 5622, 5623, 5624, 5625, 5626, 5627, 5628, 5629, 5630, 5631, 5632, 5633, 5634, 5635, 5636, 5637, 5638, 5639, 5640, 5641, 5642, 5643, 5644, 5645, 5646, 5647, 5648, 5649, 5650, 5651, 5652, 5653, 5654, 5655, 5656, 5657, 5658, 5659, 5660, 5661, 5662, 5663, 5664, 5665, 5666, 5667, 5668, 5669, 5670, 5671, 5672, 5673, 5674, 5675, 5676, 5677, 5678, 5679, 5680, 5681, 5682, 5683, 5684, 5685, 5686, 5687, 5688, 5689, 5690, 5691, 5692, 5693, 5694, 5695, 5696, 5697, 5698, 5699, 5700, 5701, 5702, 5703, 5704, 5705, 5706, 5707, 5708, 5709, 5710, 5711, 5712, 5713, 5714, 5715, 5716, 5717, 5718, 5719, 5720, 5721, 5722, 5723, 5724, 5725, 5726, 5727, 5728, 5729, 5730, 5731, 5732, 5733, 5734, 5735, 5736, 5737, 5738, 5739, 5740, 5741, 5742, 5743, 5744, 5745, 5746, 5747, 5748, 5749, 5750, 5751, 5752, 5753, 5754, 5755, 5756, 5757, 5758, 5759, 5760, 5761, 5762, 5763, 5764, 5765, 576



# SUBJECT INDEX

- 5961-5962, 5965, 5969, 6042, 6249, 6352, 6619, 7001  
 TISSUE PRESERVATION: 96, 1066, 1489, 2594, 4969, 5197, 5837, 5851, 5994, 6561, 6840, 6959  
 TISSUE THERAPY: 3004, 7179  
 TITANIUM: 864  
 TOADS: 1421, 1657, 3035  
 TOBACCO: 1416, 5540, 6432  
 TOBACCO MOSAIC VIRUS: 4658-4659, 6998  
 TOES: 691, 6141, 7001  
 TOLAZAMIDE: 3570  
 TOLAZOLINE: 3486  
 TOLBUTAMIDE: 387, 852, 1060-1061, 1658, 1757, 3778, 5177, 6146, 6903, 6972, 7127  
 TOLUENE: 1105, 2121, 2353, 2509, 2596, 2852, 3279, 3427, 4074, 4491-4493, 4538, 4912, 5906, 6154, 6190  
 TOMOGRAPHY: 1396, 1837-1839, 4862, 4969, 6831  
 TONGUE: 3811  
 TONGUE NEOPLASMS: 973, 1373, 2465, 2647, 4151, 4404, 7109  
 TONOMETRY: 2827, 5384  
 TONSIL: 4812, 6980  
 TONSILLECTOMY: 213, 419, 1954, 2041, 2185, 3173, 3352, 3482, 4689, 4812, 5221, 5915, 6427, 6980  
 TONSILLITIS: 2694, 3352, 3585, 4812, 6360, 6850  
 TOOTH ABNORMALITIES: 1328, 1785  
 TOOTH DISEASES: 6869  
 TOOTH EXTRACTION: 419, 1178, 1214, 1339, 1970, 2003, 2078, 2334, 2416, 2465, 2470, 2547, 3091, 3229, 3295, 3807, 3847, 3902, 4223, 4826, 5574, 6382, 6645, 6815, 6869, 7211  
 TOOTH GERM: 6255  
 TOOTH, IMPACTED: 4023  
 TOOTH ROOT: 5798  
 TORSION: 5140, 6469  
 TOURNETTES: 106, 1621, 3400, 5232, 6195  
 TOXEMIA: 3864  
 TOXICOLOGY: 851  
 TOXINS: 517-518, 1000, 1058, 1657, 3036, 3204, 3451-3452, 3513, 4197-4198, 4289, 4645, 4742, 5433, 6990, 7138-7139, 7145  
 TOXOIDS: 1344, 3307  
 TOXOPLASMA: 1941, 3255  
 TOXOPLASMOSIS, CONGENITAL: 2728  
 TOXOPLASMOSIS, OCULAR: 5708  
 TRACE ELEMENTS: 1501, 4473  
 TRACHEA: 1560, 3266, 3678, 4915, 6152, 7141  
 TRACHEAL NEOPLASMS: 1560, 4253  
 TRACHEAL STENOSIS: 1560  
 TRACHEOTOMY: 509, 5544, 6721, 6782, 6955  
 TRACHION: 2189, 3180  
 TRANQUILIZING AGENTS: 59, 1479, 1530, 2524, 2767-2768, 5058, 5235  
 TRANSCURTIN: 4250, 7247  
 TRANSDUCER: 2358, 3331  
 TRANSFERASES: 183, 287, 930, 953, 957, 1056, 1391, 2659, 2661, 3109, 3139, 3194, 3241, 3804, 4421, 5405, 5844, 6938, 7171  
 TRANSFERRIN: 388, 907, 1001, 1113, 1344, 1647, 1830, 2157, 2946, 3983, 4089, 4169-4173, 4342, 4347, 4805, 5477, 5745, 5747, 6085, 6246, 6735, 6817, 6943  
 TRANSFORMATION, GENETIC: 2152  
 TRANSPLANTATION: 6057  
 TRANSPLANTATION, AUTOLOGOUS: 289, 294, 435, 634, 694, 1092, 1725, 1781, 1853, 1894, 1962, 2031, 2110, 2659, 2684, 2822, 3004, 3210, 3437, 3890, 4286, 4578, 4607, 4776, 4860, 4906, 5039, 5489, 5994, 6207, 6923  
 TRANSPLANTATION, HETEROLOGOUS: 783, 867, 1333, 1450, 2762, 3004, 4085, 4115, 5464, 5862, 6614, 7207  
 TRANSPLANTATION, HOMOLOGOUS: 79, 165, 174, 254, 285, 306, 398, 405, 435, 583, 715, 767, 824, 1064, 1066, 1094-1095, 1241, 1262, 1445, 1489, 1588, 1781, 2032, 2313, 2363, 2392, 2409, 2418, 2684, 2726, 2740, 2774, 3004, 3176-3177, 3269, 3464, 3503, 3542, 3691, 3746-3747, 3808, 3868, 3890, 3907, 3923, 4085, 4115, 4145, 4286, 4390, 4587, 4637-4638, 4765, 4906, 4961, 4969, 5243, 5270, 5416, 5419, 5427, 5542, 5578, 5813, 5861-5862, 5919, 5957, 6113-6114, 6177, 6192, 6207-6208, 6426, 6501-6502, 6581, 6586, 6840, 6921, 6959, 7195, 7207  
 TRANSPLANTATION IMMUNOLOGY: 141, 165, 174, 209, 284, 305-306, 405, 783, 1078, 1128, 1333, 1450, 2363, 2726, 2731, 2774, 2894, 3200, 3269, 3577, 3808, 3868, 3890, 3907, 3923, 4085, 4115, 4638, 4906, 4961, 5089, 5243, 5296, 5578, 5813, 5861-5862, 5919, 5957, 6113, 6130, 6308, 6347-6348, 6501-6502, 6517, 6921, 7207  
 TRANSPORT OF WOUNDED AND SICK: 5089  
 TRANSPOSITION OF GREAT VESSELS: 1639, 7086  
 TRAVEL: 6584, 7276  
 TREES: 2114  
 TREMATODA: 2723  
 TREPHINING: 3041, 4678, 6874  
 TRIAMCINOLONE: 50, 83, 1870, 5041, 5706, 5807, 6043  
 TRIAZINES: 3104, 5062, 6108  
 TRIAZOLES: 2789  
 TRICHLOROACETIC ACID: 130, 217, 794, 846, 982, 1517, 2704, 3020, 4040, 4312, 5173, 5217, 5759, 5804, 6325, 6750, 6953  
 TRICHLOROETHYLENE: 2189  
 TRICHOMONAS INFECTIONS: 2636  
 TRICHOPTERON: 3386, 5387, 7102  
 TRICUSPID VALVE: 1639, 2622, 5330, 6079  
 TRICUSPID VALVE INSUFFICIENCY: 404, 6324  
 TRICUSPID VALVE STENOSIS: 3643  
 TRIETHYLENE MELAMINE: 5940, 6974  
 TRIGEMINAL NERVE: 3163, 5409  
 TRIGEMINAL NEURALGIA: 1280  
 TRIGLYCERIDES: 162-163, 356, 477, 545, 575, 657-658, 668, 705, 1168, 1270, 1379, 1444, 1556, 1592, 1672, 1798-1799, 1843, 1975, 2073, 2120, 2130, 2279, 2427, 2443, 2672, 2737, 2929, 2960, 3071, 3090, 3167, 3206, 3402, 3417, 3545, 3772, 3870, 3965, 4261, 4366, 4672, 4704, 5164, 5314, 5325, 5336, 5338, 5568, 5671, 5726, 5831, 5835, 5977, 6127, 6129, 6472, 6748, 6922, 6964, 6997, 7101, 7104, 7178  
 TRIIODOTHYRONINE: 105  
 TRINIDAD: 2369  
 TRIOLEIN: 2279, 5723, 6865-6866  
 TRIOSSES: 6964  
 TRIPARANOL: 2823, 5671  
 TRIPLELENNAMINE: 66, 5168  
 TRISOMY: 679, 691, 2269, 2943, 5101, 5670, 6709-6710  
 TRITUM: 45, 203, 230, 254, 263, 326, 406-407, 415, 440-441, 454, 533, 567, 589, 706, 807, 824, 840, 868, 936, 1088, 1111, 1139, 1154, 1283, 1319, 1386, 1455, 1593, 1698, 1873, 1978, 2019, 2052, 2135, 2190, 2222, 2230-2231, 2238, 2282, 2387, 2495, 2759, 2780, 2797, 2928, 2992, 3109, 3162, 3183, 3223, 3245, 3274, 3410, 3566, 3584, 3602, 3619, 3648, 3657, 3733, 3765-3766, 3826, 3866, 3882, 3889, 3973-3974, 3986, 4033, 4060, 4087, 4226, 4228, 4240, 4250, 4258, 4447, 4454, 4555, 4565, 4657, 4676, 4716, 4739, 4760, 4910-4911, 4913, 4917, 5025, 5041, 5277, 5314, 5418, 5443, 5463, 5592, 5771, 5783, 5793, 6014, 6019-6020, 6057, 6112, 6135, 6147, 6166, 6370, 6443, 6449, 6779, 6822, 6970, 6987, 6989, 6995, 7004, 7026, 7089-7090, 7133, 7156  
 TROMETHAMINE: 43, 1096, 1699, 1795, 3371, 3964, 6451, 6549, 7160  
 TROPANES: 2525  
 TROPHOBLAST: 1363, 2408, 4316  
 TROPHOBLASTIC TUMOR: 2894, 6448  
 TROPICAL CLIMATE: 3157, 6062  
 TRYPA BLUE: 15, 1121, 2583, 5583, 5746  
 TRYPA NOSOMA: 4780, 7030  
 TRYPSIN: 3, 8, 29, 39, 45, 82-83, 92, 96, 104, 115-116, 118-119, 145, 150-151, 168, 180, 195, 203, 205-206, 220, 241, 250, 290, 297, 303-304, 309, 318, 324-326, 334, 336, 346, 364, 376, 384, 403, 406-407, 427, 431, 437-438, 473, 480, 483, 486, 492, 494, 515, 525, 528, 565, 567, 589, 605, 611, 613, 639, 659, 663-664, 676, 681-682, 684, 686, 700, 706, 712-713, 727-728, 741, 744, 771, 776-777, 783, 787, 805, 822, 827, 839, 841, 846, 861, 864, 880, 899, 928, 935-937, 945, 951, 953, 956, 978-979, 990, 992, 997-998, 1001, 1006, 1021, 1033-1034, 1086, 1096-1097, 1117, 1137, 1140, 1154, 1161, 1171, 1179, 1187, 1212, 1216, 1219, 1231-1232, 1237, 1249, 1257, 1264-1265, 1272-1273, 1276, 1286-1287, 1296-1297, 1300, 1313, 1340-1341, 1345, 1348-1349, 1354, 1377, 1380, 1391, 1405-1406, 1421, 1463, 1478, 1481, 1487, 1509, 1512, 1537, 1551, 1561, 1576, 1607, 1626-1627, 1629, 1647, 1653, 1657, 1668, 1681, 1689-1690, 1696, 1711, 1716, 1726, 1732, 1734, 1764, 1768-1769, 1773, 1775, 1779, 1795, 1805, 1817, 1825, 1830, 1847-1848, 1858, 1862, 1864, 1878, 1880, 1889-1890, 1895, 1920, 1923, 1932, 1941-1943, 1958, 1974, 1978, 1983, 2001, 2015, 2019, 2026, 2035, 2048-2049, 2052-2053, 2058, 2101-2103, 2113, 2129-2130, 2134-2135, 2139, 2156, 2171, 2177-2178, 2182, 2184, 2190-2192, 2201-2202, 2204, 2222, 2243-2244, 2253, 2257, 2299, 2306, 2319, 2323, 2333, 2335, 2343, 2348, 2356, 2373, 2389, 2393, 2432, 2439, 2469, 2502, 2515, 2543-2545, 2552, 2556, 2562, 2573, 2588, 2591, 2593, 2596, 2600, 2603, 2617, 2621, 2628, 2634, 2641, 2648, 2657, 2663, 2674, 2684, 2704, 2716-2717, 2722-2723, 2726, 2741, 2743, 2748, 2752, 2755, 2759, 2765-2766, 2782-2783, 2789, 2792, 2797, 2800, 2802, 2804-2805, 2810-2811, 2825, 2828, 2834, 2837-2838, 2842, 2848, 2860, 2864-2865, 2868, 2875-2876, 2881, 2895, 2899, 2906-2907, 2928, 2934-2935, 2946, 2952, 2962, 2974, 2976, 2983-2986, 2999, 3006-3007, 3035, 3044, 3046, 3050, 3063, 3083-3085, 3094-3095, 3139, 3145, 3153, 3192, 3202, 3204, 3209, 3218, 3241, 3245, 3247-3248, 3250, 3256, 3260, 3264, 3270-3271, 3273-3274, 3306-3307, 3313, 3316, 3320, 3323, 3336-3337, 3347, 3353, 3372, 3379, 3408, 3422, 3465, 3485, 3522, 3530, 3553, 3577, 3583-3584, 3586, 3600-3601, 3603, 3612, 3618, 3627, 3639, 3656, 3664, 3659, 3657, 3662, 3668, 3672-3673, 3679, 3688, 3693-3695, 3701, 3706, 3742, 3751-3753, 3763, 3772, 3776, 3816, 3826, 3834, 3844, 3850, 3854, 3857, 3871, 3898, 3922, 3932, 3944, 3949, 3951, 3957, 3961, 3966, 3983, 3987, 3989, 4001, 4017, 4027-4028, 4030, 4044-4045, 4052, 4061, 4064, 4067, 4074-4075, 4078, 4110, 4115, 4119, 4132, 4143, 4160, 4162-4163, 4174-4177, 4196-4197, 4228, 4234, 4237, 4244, 4250, 4259, 4270-4271, 4273-4274, 4285, 4290, 4294, 4311, 4313, 4328-4329, 4342, 4347, 4350, 4360-4361, 4367-4368, 4376, 4382, 4406, 4408, 4416, 4441, 4448, 4476, 4482, 4486, 4491, 4493, 4504, 4509-4510, 4512, 4516-4517, 4525, 4535, 4537, 4545, 4551, 4555, 4566, 4572, 4601, 4609, 4613, 4628, 4639, 4642-4643, 4657, 4663, 4670, 4675-4676, 4683, 4692, 4711, 4721, 4723-4724, 4726, 4733, 4755, 4759-4760, 4766, 4768, 4783, 4796, 4806, 4824, 4834, 4839, 4845-4846, 4870, 4880, 4921, 4924, 4930, 4980, 4985, 5019, 5021, 5025, 5035, 5037, 5051, 5053, 5064, 5066-5067, 5079, 5091, 5141, 5146, 5151, 5178, 5187, 5196-5197, 5202, 5207, 5209, 5219, 5240, 5246, 5262, 5266, 5281, 5292, 5298, 5307, 5311-5312, 5315, 5317, 5327-5328, 5351, 5353, 5367-5369, 5381, 5384, 5389, 5400-5401, 5413, 5422-5423, 5433-5434, 5456, 5463, 5551-5552, 5557, 5592, 5612, 5637, 5677, 5685-5686, 5746, 5752, 5773, 5781, 5783, 5787, 5794, 5808, 5817-5818, 5837, 5844, 5870, 5874, 5878, 5896, 5902, 5903, 5918, 5922, 5950, 5967, 5969, 5973, 6013, 6035, 6041, 6050, 6083, 6092, 6104-6105, 6118-6119, 6131-6132, 6144, 6146-6147, 6151, 6154, 6161, 6166-6167, 6171-6174, 6190, 6196, 6203, 6220-6221, 6263, 6272, 6283, 6295, 6301, 6305, 6310, 6314, 6325-6326, 6341, 6346, 6350-6351, 6359, 6366, 6368, 6379, 6393-6395, 6401-6402, 6411, 6430, 6433, 6440, 6441-6443, 6465, 6475, 6492, 6516, 6522, 6529, 6538, 6545, 6547-6548, 6575, 6581-6582, 6591, 6603, 6617, 6623, 6628, 6656, 6672-6674, 6680-6682, 6684, 6689, 6693, 6724, 6753, 6760, 6779, 6783, 6789, 6801-6802, 6806, 6818, 6820-6822, 6824, 6848, 6854-6855, 6877, 6899, 6929, 6946, 6956, 6966-6968, 6989, 6998-7000, 7007, 7010, 7017-7019, 7030, 7032-7034, 7048, 7051, 7061, 7063, 7066, 7081, 7085, 7088, 7092, 7097, 7112, 7122, 7140-7141, 7154, 7194, 7199-7201, 7203, 7214, 7282  
 TRYPSIN INHIBITORS: 64, 82, 142, 206, 290, 312, 365, 388-389, 405, 422, 429, 442, 526, 648, 748, 750, 813, 842, 962, 987, 1033, 1096, 1113, 1249, 1273, 1276, 1441, 1452, 1679, 1704, 1711, 1716, 1730-1731, 1733, 1737-1738, 1740, 1773, 1919-1920, 1923, 1966, 2001, 2033, 2035, 2048, 2114, 2266, 2288, 2294, 2320, 2331, 2421, 2428, 2437-2438, 2444, 2616-2617, 2623, 2744, 2751, 2760, 2772, 2834, 2907, 2912, 3019, 3079, 3087, 3103, 3317, 3320, 3379, 3427, 3429, 3435, 3522, 3525, 3552, 3651, 3676, 3680-3684, 3805, 3945-3947, 4038, 4167, 4169-4173, 4175, 4296, 4472, 4486, 4493, 4506, 4511, 4601, 4655, 4663, 4762, 4787, 4880, 4898, 4942, 5011, 5099, 5105, 5146, 5255, 5317, 5346, 5358, 5366, 5389, 5459, 5577, 5649, 5684, 5745, 5783, 5858, 6041, 6050, 6109-6110, 6123, 6126, 6151, 6156, 6160, 6177, 6197, 6313, 6471, 6495, 6509, 6516, 6518, 6522, 6527-6529, 6533, 6575, 6622, 6652, 6714, 6724, 6789, 6829, 6900, 6936



# SUBJECT INDEX

6943, 6953, 7008, 7112, 7121-7122, 7239, 7246, 7251, 7262, 7271  
 TRYPSINOGEN: 115, 205, 364-365, 605, 712, 746, 1276, 1833, 2432, 2595, 3316-3317, 3456, 3612, 3688, 4218, 5246, 5282, 5485, 5677, 6348, 6646-6647, 6724, 6809  
 TRYPTAMINES: 368, 6058, 7039  
 TRYPTOPHAN: 304, 505, 605, 744, 771, 892, 915, 944, 1117, 1231, 1391, 1631, 1653, 1974, 2638, 2707-2708, 2759, 2808, 2823, 2892, 2906, 2951, 2986, 3013, 3353, 3401, 3427, 3673, 3736, 3843, 3956, 4105, 4193, 4506, 4735, 4796, 4811, 5265, 5413, 5517, 5875-5876, 6069, 6154, 6228, 6295, 6631-6632, 6963  
 TRYPTOPHAN OXYGENASE: 3410  
 TUBERCULIN: 3577, 5418, 7010  
 TUBERCULIN TEST: 551, 3633, 5624, 5652  
 TUBERCULOMA: 4391, 4862  
 TUBERCULOSIS: 730, 838, 3385, 5118, 5525, 6238, 6850  
 TUBERCULOSIS, CUTANEOUS: 2196, 3996  
 TUBERCULOSIS, FEMALE GENITAL: 2466  
 TUBERCULOSIS, GASTROINTESTINAL: 3710  
 TUBERCULOSIS IN CHILDHOOD: 4841  
 TUBERCULOSIS, MILIARY: 2144, 2291, 4159  
 TUBERCULOSIS, PLEURAL: 574, 4575  
 TUBERCULOSIS, PULMONARY: 826, 1703, 2011, 2086, 2240, 2786, 2856, 5549-5550, 5996, 6264, 7140  
 TUBERCULOSIS, RENAL: 2919, 3780, 3790  
 TUBERCULOSIS, SPLENIC: 3743  
 TUBEROUS SCLEROSIS: 1368, 1882, 2347, 2833, 5432, 5563, 6302  
 TUNGSTEN: 3060  
 TURKEY: 5654  
 TURKEYS: 1083, 2233, 3549, 3553, 4194, 4422, 5956  
 TURNER'S SYNDROME: 558, 1785, 2269, 6976  
 TURPENTINE: 230, 6994  
 TURTLES: 1361, 4310-4311  
 TWINS: 2605, 3219, 5839, 6306, 6707-6708  
 TYMPANOPLASTY: 6018, 6688, 6957  
 TYPHOID: 621, 1425, 2024, 3623  
 TYRAMINE: 1282-1283, 6058, 7134  
 TYROSINE: 128, 205, 474, 505, 744, 892, 915, 944, 1140, 1231, 1354, 1628, 1631, 1667, 1808, 2025, 2038, 2103, 2135, 2156, 2204, 2717, 2797, 2892, 2913, 2951, 2974, 3014, 3162, 3212, 3270-3271, 3273, 3279, 3450, 3455, 3461, 3668, 3672-3673, 3843, 3850, 3956, 4038-4039, 4064, 4105, 4119, 4175-4176, 4311, 4675, 4721, 4766, 4810-4811, 4846, 5087, 5483, 5817-5818, 5974, 6009, 6092, 6249, 6443, 6543, 6556, 6576, 6603, 6629, 6724, 7103  
 TYROSINE AMINOTRANSFERASE: 106  
 TYROTHRIN: 1132, 1477, 2329, 2838

## U

UBIQUINONE: 782, 810, 902, 1201, 1356, 1419, 2282, 2847, 3549, 5980  
 UDDER: 2506, 5603  
 UGANDA: 1207  
 UKRAINE: 1719, 5094  
 ULCER: 2287, 2639, 6099  
 ULNA: 3310  
 ULTRACENTRIFUGATION: 11, 19, 30, 40, 118, 130, 150, 196, 217, 249, 281, 423, 426, 450, 613, 628, 635, 832, 914-915, 918, 990, 998, 1029, 1042, 1102, 1107, 1144, 1200, 1264, 1337, 1348, 1371, 1381, 1420, 1478, 1512, 1551, 1592, 1607, 1751, 1755, 1791, 1798, 2001, 2028, 2038, 2048, 2135, 2141-2142, 2204, 2225, 2241, 2279, 2348, 2353, 2373, 2389, 2399, 2439, 2469, 2502, 2562, 2803, 2814, 2933, 2941, 2974, 3034, 3109, 3116, 3134, 3139, 3212, 3264, 3272, 3307, 3443, 3450, 3701, 3711, 3860, 3892-3893, 3949, 3982-3983, 3987, 4030, 4086, 4119, 4168, 4214, 4242, 4250, 4322, 4367, 4399, 4517, 4537-4538, 4608, 4627, 4762, 4796, 4838, 4870, 4880, 4923, 5022, 5079, 5264, 5353, 5377-5378, 5389, 5697, 5726, 5769, 5771, 5808, 5818, 5958, 5967, 5969, 5973, 6083, 6085, 6091, 6221, 6326, 6335-6336, 6352, 6411, 6542, 6617, 6647, 6748, 6752, 6825, 6929, 6938, 6989, 7000, 7061, 7102  
 ULTRASONICS: 431, 450, 607, 784, 931, 1474, 1899, 2557, 2564, 2656, 2729, 4723, 4801, 5363, 5451, 5995, 6369, 7049, 7110  
 ULTRAVIOLET RAYS: 83, 249, 322, 431, 486, 515, 605, 860-861, 868, 914-915, 1029, 1117, 1231, 1251, 1296, 1371, 1478, 1546, 1607, 1684, 1880, 1941, 2048, 2053, 2080, 2212, 2308, 2323, 2430, 2563,

2566, 2617, 2673, 2789, 2813-2814, 2928, 2983, 2998, 3014, 3020, 3079, 3145, 3212, 3348, 3659, 3701, 3776, 3854, 3861, 4086-4087, 4175-4177, 4258, 4260, 4363, 4506, 4551, 4760, 4910, 5379, 5479, 5600, 5759, 5818, 5888, 5922, 5926, 5944, 5973, 6091, 6185, 6220, 6348, 6538, 6542, 6596, 6617, 6650, 6789, 6938, 7102  
 UMBILICAL ARTERIES: 1529, 2893, 3117  
 UMBILICAL CORD: 126, 1566, 1634, 1712, 1777, 1848, 1958, 2124-2126, 2406, 2796, 2893, 3126, 3456, 3566, 4106, 4169, 4171, 4579-4581, 5766, 5839  
 UMBILICAL HERNIA: 2478, 4355, 4874  
 UMBILICAL VEINS: 1634, 2125-2126, 2893, 3117, 6755, 7079  
 UNCONSCIOUSNESS: 2484  
 UNCOUPLING AGENTS: 648, 830, 1477, 1755, 1976, 2711, 3129, 3989, 4861, 6964  
 UNITED STATES: 1041, 1268, 1508, 2232, 3131, 4394-4395, 4569, 5009, 5028, 5758, 6101, 6427, 6896, 7192, 7210, 7225  
 UNITED STATES FOOD AND DRUG ADMINISTRATION: 7210  
 URACHUS: 6550  
 URACIL: 2928, 3375, 3889, 4676, 5528  
 URACIL MUSTARD: 3937, 5410  
 URACIL NUCLEOTIDES: 2103, 3574, 4421, 4565, 5793, 6166  
 URANIUM: 1901, 3060, 3397, 5222, 6168, 6185  
 URATE OXIDASE: 4433  
 UREA: 168, 337, 384, 387, 402, 603, 744, 796, 861, 892, 898, 1034, 1051, 1062, 1064, 1137, 1170-1171, 1295, 1551, 1581, 1609, 1751, 2063, 2125, 2131, 2145, 2298, 2333, 2447, 2502, 2545, 2600, 2630, 2702, 2802, 2906, 2958, 3196, 3260, 3270-3271, 3347, 3395, 3570, 3672-3673, 3678, 3828, 3834, 4176-4177, 4188, 4214, 4230, 4367-4368, 4614, 4745, 4895, 5333, 5373, 5381, 5615, 5712, 5750, 5926, 5972, 6146, 6411, 6505, 6617, 6859, 6867, 7048, 7083, 7203  
 UREASE: 34, 304, 5105  
 UREMIA: 79, 258, 288, 479, 516, 553, 682, 705, 715, 1098, 1102, 1170, 2040, 2082, 2099, 2180, 2451, 2649, 2702, 3039, 3550, 3746, 3749-3750, 3790, 3828, 3976, 4096, 4204, 4372, 4888-4889, 5554, 5965, 6232, 6736  
 URETER: 496, 3073, 5398, 5448, 6231  
 URETERAL CALCULI: 5392, 7078  
 URETERAL NEOPLASMS: 2919  
 URETERAL OBSTRUCTION: 2888, 6231  
 URETEROCELE: 6550  
 URETHRA: 1076, 1386, 7238  
 URIC ACID: 591, 614, 639, 799, 2005, 3071, 3095, 4614, 4696, 5375, 5404, 5882, 5940, 5959, 6086, 6232, 7177  
 URICOSURIC AGENTS: 850, 2767  
 URIDINE: 229, 567, 936, 992, 1698, 3183, 3245, 5025, 5557  
 URINARY CALCULI: 5642  
 URINARY CATHETERIZATION: 1198, 2189, 2203, 5725, 5738, 6675  
 URINARY DIVERSION: 6412  
 URINARY INCONTINENCE: 3074  
 URINARY TRACT INFECTIONS: 473, 1806, 2644, 5416, 6165, 7210  
 URINATION: 14, 1198, 3702  
 URINATION DISORDERS: 6165  
 URINE: 176, 402, 410, 695, 2252, 2454, 2468, 3319, 3449, 3620, 3659, 4477, 4619, 5593, 5816, 6106, 8105  
 UROBILIN: 3146  
 UROGENITAL NEOPLASMS: 153, 6409  
 UROGENITAL SYSTEM: 4874  
 UROGRAPHY: 447, 722, 1072, 1234, 1780, 1784, 2919, 3073, 3102, 3324, 3616, 3780, 4208, 5780, 5824, 6550  
 UROLOGIC DISEASES: 92, 153, 1076, 1134, 1323, 5866  
 UROLOGY: 90  
 URONIC ACIDS: 984, 1847, 3055, 3408, 4741, 5766, 6164, 6761  
 UROPEPSIN: 5203  
 URTICARIA: 72, 1368, 1540, 1940, 2472, 2996-2997, 3115, 4945, 5266, 5287, 7189  
 URTICARIA PIGMENTOSA: 819  
 URSS: 182, 317, 828, 831, 1801, 2306, 2859, 3070, 3157, 3446, 6290, 6655, 6660, 7204  
 UTERINE DISEASES: 70, 327, 671, 895, 1138, 1960, 3042, 4054, 4321, 6620, 6941, 6976, 7202  
 UTERINE HEMORRHAGE: 131, 316, 651, 1875,

2699, 2725, 2855, 3561, 3788, 4107, 4417, 4703, 4991, 5731, 5894, 5920, 5924, 6593, 6622, 6751, 7272  
 UTERINE INERTIA: 1875, 6962  
 UTERINE NEOPLASMS: 70, 78, 883, 1462, 2173, 2228, 2462, 2855, 3501, 3931, 4123, 4650, 4976, 5142, 5500, 5731, 6892, 7137  
 UTERINE PROLAPSE: 1174  
 UTERINE RUPTURE: 1506, 5894, 7272  
 UTERUS: 140, 338-339, 378-379, 429, 651, 815, 1462, 1622, 2015, 2175-2176, 2389, 2406, 2534, 2855, 2970, 2988, 3094, 3501, 3575, 3600, 3967, 4055, 4147, 4181, 4183, 4250, 4465, 4859, 4921, 4991, 5008, 5174, 5289, 5356, 5399, 5920, 5983-5984, 6135, 6611, 6892, 6941, 7202, 7219  
 UVEA: 2338, 3288, 4626, 4785  
 UVEITIS: 1951, 5799

## V

VACCINATION: 834, 1344, 1505, 3622, 4166, 4343  
 VACCINES: 1530, 4078  
 VACCINIA: 4166  
 VACCINIA VIRUS: 486, 3376, 4030, 4716, 6305  
 VAGINA: 1198, 3257, 4417, 4947, 5174, 6892  
 VAGINAL DISEASES: 895  
 VAGINAL SMEARS: 1721, 6045  
 VAGOTOMY: 49, 474, 1567, 2178, 3279, 3351, 4167, 6673  
 VAGUS NERVE: 684, 1567, 6033  
 VALERATES: 384, 2444, 3973-3974, 4403, 4448, 6535  
 VALINE: 712, 1152, 1273, 1341, 1878, 1978, 2157, 2748, 3162, 3317, 3545, 3733, 3826, 4240, 4659, 4846, 5000, 5923, 6522, 6967, 7061  
 VALSALVA'S MANEUVER: 1498  
 VANADIUM: 866  
 VANCOMYCIN: 7181  
 VANILLIN: 5707  
 VANILMANDELIC ACID: 4702  
 VARIATION (GENETICS): 1733, 2595, 2895, 3660  
 VARICELLA-ZOSTER VIRUS: 3376, 4853  
 VARICOCELE: 6329  
 VARICOSE ULCER: 1132, 2196, 2688, 3996, 4077, 5494, 6805  
 VARICOSE VEINS: 127, 903, 1267, 1280, 1472, 1582, 2117, 2165, 2362, 2414, 2477, 3158, 3160, 3263, 3792, 3795, 4077, 4121, 4202, 4487, 4843, 4849, 4900, 5294, 5310, 5494, 5672, 5734, 6068, 6285, 6666, 6765, 6805, 6991  
 VAS DEFERENS: 410, 4408  
 VASCULAR DISEASES: 94, 101, 265, 294, 435, 561, 638, 721, 602, 903, 970, 980, 982, 1238, 1324, 1368, 1392, 1436, 1443, 1781, 1865, 1930-1931, 2031, 2058, 2177, 2195-2196, 2212, 2302, 2473, 2487, 2514, 2551, 2721, 2801, 3029, 3160, 3268, 3348, 3474, 3538, 3609, 3639, 3718, 3788, 3881, 3996, 4092, 4124, 4133, 4184-4185, 4314, 4499, 4547, 4556, 4671, 4849, 4900, 5074, 5100, 5121, 6068, 6230, 6247-6248, 6374, 6397, 6452, 6562, 6754, 6798, 6805, 6839, 6902, 7243  
 VASCULAR RESISTANCE: 299, 726, 1263, 1445, 1834, 2165, 2413, 2613-2614, 2666, 3795, 4405, 4727, 5334, 5421, 5424, 5466, 6177, 6507, 6515, 6757, 6768, 6813, 6875  
 VASCULAR SURGERY: 272, 435, 974, 1192, 1850, 2119, 2165, 2518, 2551, 3437, 3634, 3858, 4124, 5109, 5946, 6958  
 VASOCONSTRICTOR AGENTS: 731, 990, 1092, 1386, 2650, 3560, 3562, 5306, 5829, 6115, 6960  
 VASODILATOR AGENTS: 594-595, 638, 661, 731, 733, 993, 1172, 1347, 1913, 2650, 2801, 2861, 2888, 3069, 3254, 3348, 3560, 4210, 4541, 4755, 5058, 5137, 5626, 5665, 5734, 5782, 5829, 6513, 6630, 6768, 7179  
 VASOMOTOR SYSTEM: 931, 2336, 3514, 3535, 3725, 4866, 5904, 6397, 6759, 6805, 6928  
 VASOPRESSIN: 14, 1092, 1699, 2173, 3313, 3600, 3778, 5306, 5415, 5959, 6016, 6980  
 VASOTOCIN: 3600, 4921  
 VATER'S AMPULLA: 1441, 1521, 2931  
 VECTORCARDIOGRAPHY: 2612  
 VEGETABLES: 1402, 3666, 4182, 4384  
 VEHICLES: 5721, 6333  
 VEILLONELLA: 4198  
 VEINS: 33, 149, 157, 276, 294, 345, 350, 379, 421, 435, 634, 651, 721, 731, 785, 929, 1143, 1390, 1438, 1497, 1781, 1927, 2181, 2189, 2275, 2429, 2666, 2672, 2831, 2987, 3069, 3236, 3757, 3770-3771, 3903, 4110, 4183, 4318, 4364, 4593,



# SUBJECT INDEX

4603, 4849, 5154, 5471, 6010, 6162, 6258, 6357, 6515, 6718, 6784, 6923, 7151  
 VENA CAVA, INFERIOR: 435, 447, 974, 1485, 1499, 1507, 1917, 2165, 2316, 2318, 2389, 2874, 2987, 3641, 3734, 4125, 4308, 4685, 4693, 4776, 4864, 5780, 6754  
 VENA CAVA, SUPERIOR: 435  
 VENAE CAVAE: 632, 931, 4126, 5682, 6094, 6524  
 VENOMS: 76, 238, 256, 444, 500, 617-618, 652, 1033-1034, 1099, 1375, 1401, 1565, 1608, 1711, 1713, 1752-1753, 1819, 1854, 1868-1869, 2121, 2266, 2541, 2587, 2622, 2653, 2662, 2667-2668, 2903, 2939, 3021-3022, 3093, 3115, 3217, 3335, 3508, 3652, 3752, 3840, 3887, 4011, 4142, 4324-4325, 4630, 4723, 4747, 4762, 4794-4795, 4823, 4903, 4909, 4949, 5026, 5070-5071, 5285, 5298, 5431, 5472, 5494, 5777, 5888, 6335-6336, 6350, 6422-6423, 6838, 6893, 6896, 7029, 7134, 7167  
 VENOUS PRESSURE: 457, 2666, 3263, 3390, 5286, 5421, 6515  
 VENTILATION: 4982  
 VENTILATION-PERFUSION RATIO: 3651  
 VENTRICULAR FIBRILLATION: 1947, 4725, 5253  
 VENTRICULOGRAPHY: 44, 152, 216, 1671, 2375, 3745, 4080, 4640  
 VERTEBRAL ARTERY: 808, 926, 1457, 1640, 2551, 2756, 3526, 3745, 6115  
 VERTEBRATE VIRUSES, UNCLASSIFIED: 1887, 3620  
 VERTEBRATES: 2403, 6597  
 VERTIGO: 622, 5137, 5832  
 VESICO-URETERAL REFLUX: 5398, 5448  
 VESICULAR STOMATITIS VIRUS: 486, 543, 935-937, 1779, 1883, 3662, 4017, 4132, 4910, 6305, 6454  
 VESTIBULAR APPARATUS: 1776, 5090, 5832  
 VESTIBULAR FUNCTION TESTS: 1776  
 VETERINARY MEDICINE: 2405, 3080  
 VIBRATION: 43, 365, 431, 450, 635, 1416, 1477, 1565, 1751, 2201, 2279, 2373, 2481, 2704, 2813-2814, 3070, 3264, 4031, 4675, 5623, 5723, 5995, 6938  
 VIBRIO: 2067, 2736, 2928, 5237, 5887  
 VIBRIO INFECTIONS: 5887  
 VIETNAM: 905, 1508, 2518, 4394-4395, 4843  
 VINBLASTINE: 1914, 2205, 2495, 2775, 4620, 6648  
 VINCENT'S INFECTION: 1330  
 VINCRISTINE: 425, 489, 824, 843, 1067-1068, 2884, 3179, 3589, 3799, 4557, 4614, 4809, 7188  
 VINYL ETHER: 5836  
 VIOMYCIN: 7181  
 VIRAL INTERFERENCE: 486, 543-544, 945, 2319, 4017  
 VIRAL PROTEINS: 223, 326, 567, 807, 840, 936-937, 1154, 2019, 3162, 3264, 3274, 3315, 3636, 3753, 3834, 4258, 4313, 4609, 4658, 5025, 5327, 5808, 6014, 6049, 6998, 7026  
 VIRAL VACCINES: 1344, 1505, 4078, 4831, 6882  
 VIRULENCE: 188, 1879, 1887, 2367, 2369, 6269, 6882  
 VIRUS CULTIVATION: 449, 840, 956, 1154, 2101, 2142, 2253, 3376, 3816, 4078, 4376, 5073, 5746, 5995, 6027, 6191, 6305, 6402  
 VIRUS DISEASES: 500, 510, 945, 1280, 1887, 2889, 3620, 3705, 3885, 4343, 4655, 4957, 5308, 5709, 6399, 6787  
 VIRUS INHIBITORS: 977, 1330  
 VIRUS REPLICATION: 168, 224, 326, 449, 567, 1537, 2101, 2142, 2367, 3816, 4017, 4078, 4831, 5025, 5073, 7026  
 VIRUSES: 1330, 2253, 3816, 4831  
 VISCEROPTOSIS: 3437  
 VISCOSITY: 515, 660, 892, 1107, 1364, 1478, 1627, 1685, 1700, 2225, 2407, 2426, 2552, 2849, 3116, 3539, 3673, 3678, 3708, 3825, 3831, 3834, 3883, 4322, 4335, 4446, 4799-4800, 5967, 6164, 6201, 6389  
 VISION: 3821, 5708, 5860  
 VISION DISORDERS: 216, 2476, 4959, 6296  
 VISUAL ACUITY: 2596, 2801, 5774

VISUAL FIELDS: 5385, 6257  
 VITAL CAPACITY: 2867, 3651, 3946, 6495  
 VITAL STATISTICS: 5028  
 VITAMIN A: 390, 891, 1465, 1873, 2209-2210, 2330, 2578, 2823, 2847, 4293, 4624, 4763, 4842, 5356, 5504, 5660, 6619, 7146  
 VITAMIN A DEFICIENCY: 4624, 5869, 5913  
 VITAMIN B COMPLEX: 891, 2578, 3052, 3548, 3638, 4842, 5504, 6233  
 VITAMIN B DEFICIENCY: 6722  
 VITAMIN B 12: 329, 402, 1053, 1150, 1830, 2209, 2847, 3456, 3524, 3981, 4379, 4409, 4596, 4706, 4749, 5553, 5821, 5948, 6029, 6188, 6618, 6785, 7196  
 VITAMIN B 12 DEFICIENCY: 402, 623, 3456, 3918  
 VITAMIN D: 390, 891, 1027, 1252, 1873, 2209-2210, 3138, 4842, 5504, 5579, 6302  
 VITAMIN E: 390, 891, 1288, 1419, 1792, 1873, 2209-2210, 2330, 2792, 2847, 3089, 3138, 3477, 3549, 3675, 4685, 4842, 5504, 6087, 6233, 6433  
 VITAMIN E DEFICIENCY: 815, 2278, 3549, 3677, 4824  
 VITAMIN K: 59, 74, 78, 252, 261, 281, 322, 390, 441, 576, 584, 635-637, 782, 810, 844, 891, 902, 957, 1133, 1182, 1251, 1268, 1288, 1356, 1411-1414, 1419, 1546, 1553, 1599, 1601, 1701, 1707, 1724, 1741, 1755, 1873, 1976, 1993, 2209-2210, 2282, 2330, 2387-2388, 2457, 2492, 2553, 2578, 2681, 2968, 3037, 3110-3111, 3131, 3138, 3152, 3155, 3249, 3401, 3407, 3468, 3554, 3602, 3664-3665, 3677, 3863, 3980, 4016, 4025, 4031, 4035-4036, 4086-4087, 4293, 4307, 4389, 4407, 4411, 4518, 4574, 4579, 4606, 4689, 4744, 4752-4754, 4770, 4781, 4822, 4829, 4842, 4907, 5032, 5116, 5276-5277, 5379, 5395, 5504, 5717, 5980, 6020, 6065, 6103, 6347, 6349, 6416, 6481, 6489, 6520, 6549, 6569, 6661, 6697-6698, 6884, 6886, 6961, 7177, 7215, 7261, 7270  
 VITAMIN K DEFICIENCY: 441, 696, 845, 919, 1268, 1925, 2147-2148, 2492, 2526, 2990, 3111, 3131, 3184, 4524, 4624, 5276-5277, 5630, 5869, 5913, 6076, 6484, 6698  
 VITAMINS: 95, 386, 891, 1530, 2209-2210, 2259, 2578, 2767, 2847, 3548, 4842, 5504, 5626, 6971, 7179, 7261  
 VITELLINE MEMBRANE: 891, 1668  
 VITREOUS BODY: 341, 470, 513, 1221, 1899, 2734, 3852, 4424, 4531, 5319, 5321, 5860, 6353  
 VOCAL CORD PARALYSIS: 1560, 1898, 2867, 5287, 6762  
 VOCAL CORDS: 2867, 6762  
 VOCATIONAL EDUCATION: 5529  
 VOCATIONAL GUIDANCE: 5529  
 VOICE: 6762  
 VOLKMANN'S CONTRACTURE: 6004  
 VOMITING: 627, 684, 1115, 1913, 2484, 2953, 4696, 5028, 5083, 5333, 5594, 5712, 6699  
 VON WILLEBRAND'S DISEASE: 57, 419, 693, 696, 802, 885, 961, 1116, 1156, 1214, 1221, 1471, 1723, 2078, 2091, 2098, 2168, 2310, 2605, 2649, 2938, 3043, 3106, 3298, 3563, 3897, 3909, 3992, 4155, 4221-4222, 4813, 4886, 5159, 5199, 6480, 6486, 6686, 6773, 6895, 6907, 7222, 7240  
 VULVA: 895, 1311, 4617, 6554  
 VULVITIS: 4483

## W

WALES: 31  
 WARFARIN: 85, 261, 281, 294, 347, 353, 355, 441, 467, 708, 732, 882, 954-955, 1031, 1045, 1101, 1149, 1243, 1411-1414, 1553, 1710, 1781, 1861, 2121, 2218, 2374, 2546, 2553, 2606, 2645-2646, 2925, 2968, 3191, 3220, 3224, 3261, 3516, 3635, 3654, 3659, 3664, 3894, 4087, 4157, 4224, 4386, 4417, 4469, 4479, 4488-4489, 4753, 4770-4771, 4779, 4840, 4967, 5056, 5116, 5224-5225, 5276, 5326, 5412, 5541, 5643, 5650, 5730, 5803-5804, 5863, 6347, 6416, 6669, 6708, 6889, 6923, 7193, 7223, 7250, 7261, 7270

WARTS: 5758  
 WATER: 43, 335, 373, 480, 483, 684, 811, 1045, 1631, 1660, 1667, 2156, 2426, 2707, 2846, 2983, 3104, 3126, 3152, 3401, 3581, 3990, 4154, 4467, 4657, 5352, 5388, 5467, 5938, 6020, 6119, 6325, 6621, 6776, 6788  
 WATER DEPRIVATION: 527, 3035  
 WATER-ELECTROLYTE BALANCE: 54, 398, 527, 1016, 1245, 1551, 1741, 2005, 2615, 3035, 3077, 3687, 5679, 5727, 5760, 5797, 5959, 6637, 6691  
 WATER MICROBIOLOGY: 517-518  
 WATER POLLUTION: 5887  
 WATERHOUSE-FRIDERICHSEN SYNDROME: 555, 803, 1047, 1827, 2213, 2615, 2773, 3012, 3494, 3749  
 WAXES: 5798  
 WEANING: 309, 3686  
 WEGENER'S GRANULOMATOSIS: 240, 2546  
 WEIL'S DISEASE: 4826  
 WEST NILE VIRUS: 1539, 2319  
 WHEAT: 1065, 1920, 4562, 6430  
 WHOOPING COUGH: 3622  
 WING: 2434  
 WISCONSIN: 4845  
 WOOD: 1354, 3797  
 WOOL: 1171, 2808  
 WORLD HEALTH ORGANIZATION: 331, 7249  
 WOUND HEALING: 121, 330, 490, 548, 767, 1742, 1820, 1845, 1853, 1885, 2069, 2345, 2555, 2639, 2667-2668, 3081, 3229, 3578, 3790, 4082, 4085, 4819, 4900, 4994, 5048, 5364, 5467, 5533, 5562, 5737, 6378, 6455, 6583, 6635  
 WOUND INFECTION: 192, 896, 1887, 2345, 5089  
 WOUNDS AND INJURIES: 17, 121, 182, 246, 411, 455, 524, 625, 1194, 1245, 1322, 1774, 1818, 1820, 2081, 2165, 2189, 2207, 2226, 2310, 2366, 2416, 2518, 2523, 2563, 2755, 3081, 3746, 3803, 3878, 3884, 3903, 4259, 4395, 4467, 4470, 4819, 4965, 5089, 5467, 5584, 5687-5688, 5707  
 WOUNDS, GUNSHOT: 455, 1508, 1683, 1774, 2055, 2419, 3803, 5263, 7009, 7275  
 WRIST: 975, 1789, 2110

## X

XANTHINE OXIDASE: 312, 1349, 3863  
 XANTHINES: 1349  
 XANTHOMA, JUVENILE: 4531  
 XANTHOMATOSIS: 1334, 1368, 3762, 3780, 3972, 4253  
 XENON: 1640, 3651, 4442, 5782, 6177  
 XERODERMA PIGMENTOSUM: 7280  
 X-RAY DIFFRACTION: 897, 1105, 1422, 1901, 2229, 2565, 3244, 4642-4643, 5413, 5906, 5944, 6022, 6154  
 XYLOSE: 3700, 3981, 4225, 4283, 7069

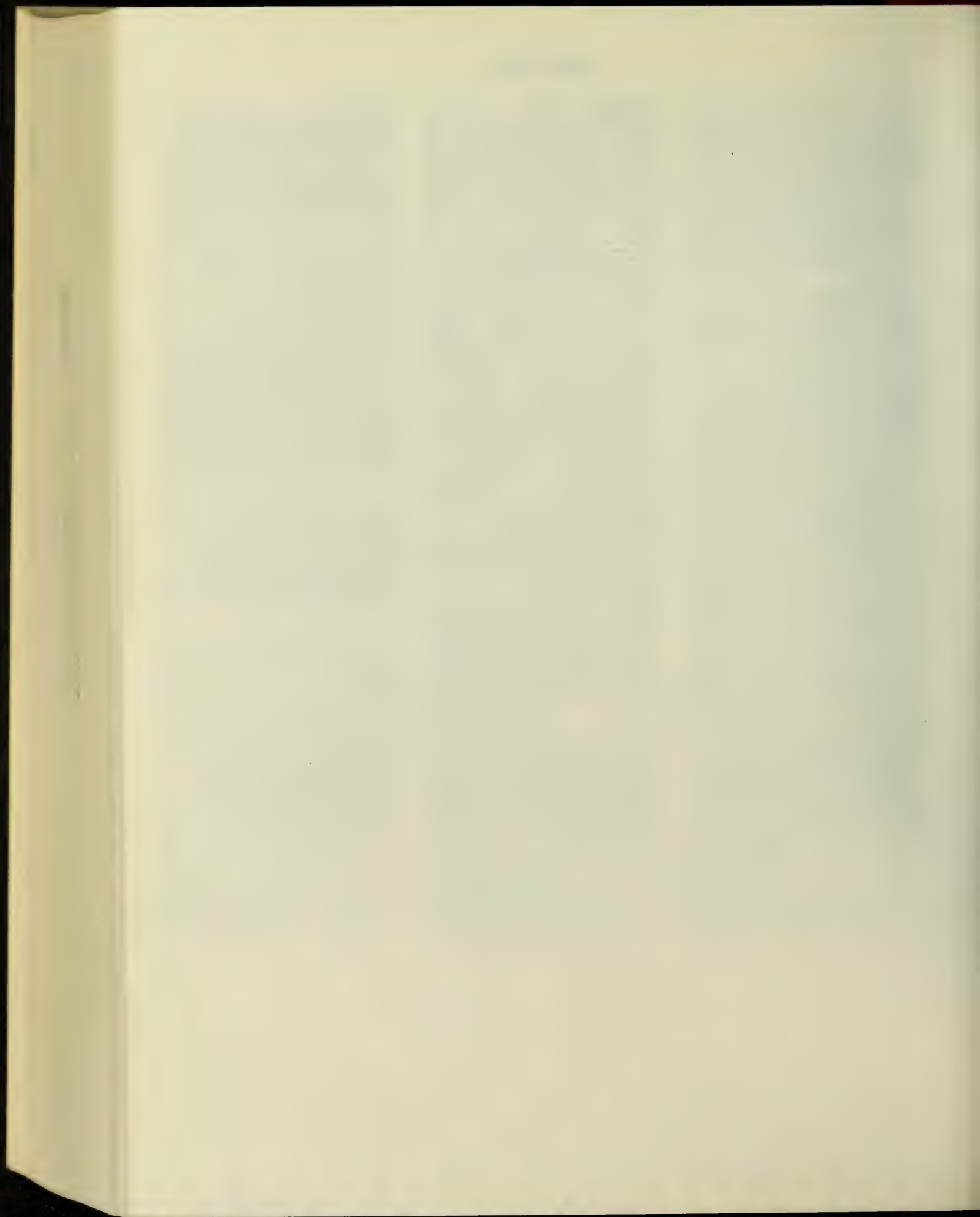
## Y

YEAST, DRIED: 250, 3032, 3549  
 YEASTS: 744, 832, 1108, 2716, 4334, 5896  
 YELLOW FEVER: 1372  
 YTTERBIUM: 3512  
 YTTRIUM: 3512  
 YTTRIUM ISOTOPES: 4901  
 YUGOSLAVIA: 7225

## Z

ZEIN: 1983  
 ZINC: 2225, 2241, 2662, 3014, 3213, 3460, 3565, 3662, 4175-4176, 4260, 4714, 4880, 5351, 5654, 5787, 5945, 6027, 6553, 6808, 6820, 6963  
 ZIRCONIUM: 866  
 ZOLLINGER-ELLISON SYNDROME: 3879  
 ZOAZOLAMINE: 851, 866, 4469, 7177  
 ZYMOSAN: 2348, 2540, 6811







# AUTHOR INDEX

## A

AARON BL: 1  
 AARON RK: 2  
 AAS K: 3  
 ABAGIAN IA: 185  
 ABATE G: 1785  
 ABDEL-FATTAH AF: 4799-4800  
 ABDEL-HADY SN: 7026  
 ABDEL-SAMIE M: 4799  
 ABDULLAEV MM: 81  
 ABDULLAEV ND: 4-5  
 ABE A: 6  
 ABE H: 3086, 5884  
 ABE K: 7-8  
 ABE M: 9  
 ABE T: 10-13  
 ABE Y: 14  
 ABELL MR: 4751  
 ABELOFF MD: 15  
 ABELS J: 16  
 ABENIROVA EL: 229  
 ABERG G: 595  
 ABILDGAARD CF: 17  
 ABILDGAARD U: 18, 1727-1729, 4319  
 ABLIN RJ: 19  
 ABORG CH: 20, 6613  
 ABOSCA O: 265  
 ABOU ELEINEIN G: 4392  
 ABOULKER P: 21-22  
 ABOUNA GM: 23  
 ABOURACHID H: 6205  
 ABRAHAM CV: 2811  
 ABRAHAM E: 6308  
 ABRAHAM J: 4080  
 ABRAHAMS C: 24  
 ABRAHAMSEN AF: 25-27, 2268, 6122  
 ABRAMOV VS: 1271  
 ABRAMOVICH DR: 28  
 ABRAMSON RK: 29  
 ABRUZZO JL: 30  
 ACCINNI L: 165  
 ACCORRA F: 561  
 ACHER R: 4267  
 ACHESON RM: 31  
 ACOSTA BENDEK E: 32  
 ACOSTA-FERREIRA W: 4362  
 ADACHI M: 33  
 ADAM A: 5800  
 ADAM D: 34  
 ADAM M: 1415  
 ADAM W: 35-36  
 ADAM YG: 37  
 ADAMIAN AA: 5823  
 ADAMOVITS Z: 48  
 ADAMS AL: 6775-6776  
 ADAMS CW: 38-39  
 ADAMS GH: 40  
 ADAMS HR: 2752  
 ADAMS JG: 706  
 ADAMS JH: 41  
 ADAMS JT: 3905, 5757  
 ADAMSKI S: 42  
 ADAMSONS RJ: 5467  
 ADDANKI S: 43  
 ADELMAN RC: 787, 2204  
 ADELOYE A: 44  
 ADELSTEIN RS: 45  
 ADGEY AA: 46  
 ADHIKARI PC: 47  
 ADKINS RB JR: 6420  
 ADLER J: 4670  
 ADLER M: 48  
 ADLERCREUTZ H: 6652  
 ADLOFF M: 49  
 ADNEN MM: 50  
 ADO VA: 51-53  
 ADOLPH RJ: 1947  
 ADSON MA: 54  
 AFROZE N: 2450  
 AFTONOMOS B: 1858  
 AGAPOV VS: 3449, 5241, 6658  
 AGAPOVA EN: 55  
 AGARWAL D: 56  
 AGARWAL KN: 56, 2679  
 AGARWAL OP: 212  
 AGARWAL SP: 1532  
 AGGELER PM: 57, 3654, 5411, 5565  
 AGLE DP: 58-59  
 AGNERAY H: 60-61

AGNES F: 3062  
 AGNESE G: 62  
 AGOSTINO D: 63  
 AGOSTONI A: 64  
 AGRAWAL RL: 65  
 AGREN A: 66  
 AGRESTI A: 68  
 AGRESTI A: 68  
 AHERN EJ: 5941  
 AHLBERG A: 69, 4602  
 AHLBORN T: 4004  
 AHO AJ: 70  
 AHRENS RA: 71  
 AHRONS S: 72, 3200  
 AHTEE L: 73  
 AHUED JR: 3798  
 AHUJA GL: 74  
 AIACHE JM: 4335  
 AIBARA S: 2486  
 AIDINIAN DS: 5097  
 AIHARA M: 75, 2865  
 AIKEN JW: 76  
 AIKIN BS: 1099  
 AILLET J: 748  
 AITKEN IW: 6927  
 AIZENBERG AA: 77  
 AJDUKIEWICZ A: 1355  
 AKAMA K: 3036  
 AKASU F: 78  
 AKERBLUM O: 79, 1643  
 AKERMAN M: 80  
 AKERS TG: 1537  
 AKESSON LA: 455  
 AKHUNDOVA AM: 81  
 AKIMOVA NV: 3929  
 AKUTSU H: 3279  
 AKZHIGITOV GN: 82  
 ALA-ADINI S: 83  
 ALAGILLE D: 4691  
 ALAGILLE MD: 84  
 ALANT O: 85  
 ALARCON H: 86  
 ALATAS H: 87  
 ALBAHARY C: 1387  
 ALBATS EI: 88  
 ALBERT A: 4644  
 ALBERT DJ: 89-90  
 ALBERT HH VON: 91  
 ALBERT LB: 108-109  
 ALBERTI C: 92  
 ALBERTO P: 93  
 ALBINOWSKA M: 6320  
 AL'BOVA GE: 94  
 ALBRECHT E: 95  
 ALBRECHT H: 95  
 ALBRECHT P: 96, 5746  
 ALBRECHTSEN OK: 5289  
 ALBUGUES MJ: 1301-1302  
 ALBY N: 97  
 ALCARAZ E: 1695  
 ALDERSON MR: 98  
 ALDESCU C: 4677  
 ALEDORT L: 5222  
 ALEKAEV NS: 6006  
 ALEKSANDROV VIA: 99  
 ALEKSANDROVA EA: 100  
 ALEKSEENKO IF: 101-102  
 ALEKSEEV PP: 103  
 ALESCIO-ZONTA L: 104  
 ALEXANDER B: 5836  
 ALEXANDER F: 2647  
 ALEXANDER G: 105  
 ALEXANDER JL: 3868  
 ALEXANDER JW: 1445  
 ALEXANDER M: 5144-5145  
 ALEXANDER NM: 106  
 ALEXANDRE P: 3537  
 ALEXANDRESCU R: 856  
 ALEXANDROV VY: 107  
 ALEXY G: 85  
 ALFEROVA LN: 108-109  
 ALFRED BM: 110  
 ALFREY CP JR: 4527-4528  
 ALI MA: 111  
 ALICAN F: 5632, 6561  
 ALIEFF A: 112  
 ALIJEVA ZM: 6768  
 ALIMOV TU: 113, 2245, 5149  
 ALIMOVA MA: 208  
 ALLAIN JP: 114

ALLAN AG: 942, 6612  
 ALLAN BJ: 115  
 ALLAN S: 6896  
 ALLANEAU C: 5824  
 ALLARD C: 5339  
 ALLARD R: 22  
 ALLEN A: 116  
 ALLEN B: 188  
 ALLEN DM: 755  
 ALLEN JC: 415  
 ALLEN JC: 117  
 ALLEN JM: 118  
 ALLERTON SE: 119  
 ALLGOOD RJ: 120  
 ALLGOWER M: 121  
 ALLIEZ B: 4836  
 ALLIOT F: 4985  
 ALLISON AC: 122  
 ALLISON CJ: 5460  
 ALLISON ME: 2774  
 ALMERSJO O: 455  
 ALMEYDA J: 6560  
 ALMQVIST S: 4739  
 AL'NIKOV GP: 3487  
 ALNOT JY: 1569  
 ALONSO A: 2326  
 ALPER CA: 126  
 AL'PERIN PM: 123  
 ALPERT LI: 124  
 ALPHIN RS: 6742  
 AL'PIDOVSKII VK: 125  
 ALSEVER J: 2459  
 ALTAY C: 126  
 ALTEMEIER WA: 127  
 ALTENAHN E: 3243  
 ALTHOFF-ZUCKER C: 5712  
 ALTUG K: 3324  
 ALUMOT E: 6359  
 AMADIO P: 2147-2148  
 AMAGASE S: 128  
 AMANASOB K: 129  
 AMAR-NACASCH C: 130  
 AMARANTOVA GG: 1027  
 AMAROSE AP: 5662  
 AMAYA E: 265  
 AMEROSIO A: 952  
 AMBROSIONI JC: 4361  
 AMBRUS CM: 131  
 AMBRUS JL: 131, 2568, 4686-4688  
 AMELI NO: 132  
 AMELOTI JM: 4087  
 AMEMIYA H: 23, 5957, 6113  
 AMEN CR: 4023  
 AMERIO A: 133  
 AMERY A: 134-136  
 AMIAS AG: 137-138  
 AMINOFF D: 139  
 AMIR J: 1106  
 AMIRANTE E: 550  
 AMIRKHANIAN MM: 6626  
 AMMAR R: 140  
 AMOROSI E: 1557  
 AMOS DB: 141  
 AMTHOR KJ: 3387  
 AMUNDSEN E: 2335  
 ANAN K: 7064  
 ANANTHARAMAN K: 142  
 ANAS P: 2418  
 ANASTASESCU G: 143-144  
 ANASTASI A: 145  
 ANDERSEN J: 2299  
 ANDERSEN RB: 146-147  
 ANDERSON AW: 4786-4787  
 ANDERSON DL: 5657  
 ANDERSON DM: 148  
 ANDERSON EG: 2446  
 ANDERSON MS: 405  
 ANDERSON ND: 149  
 ANDERSON PJ: 150-151  
 ANDERSON R: 152  
 ANDERSON RL: 3992  
 ANDERSSON L: 153  
 ANDERSSON S: 5752  
 ANDO H: 154  
 ANDO K: 7052  
 ANDO T: 266, 2813-2814, 2848, 4515  
 ANDRASSY K: 155, 1609  
 ANDRE R: 1552  
 ANDRE R: 2283  
 ANDRE-BALISAUX G: 2172



# AUTHOR INDEX

- ANDREADIS P: 156  
 ANDREASEN F: 157  
 ANDREENKO GV: 158-160  
 ANDRESEN R: 161  
 ANDREOLI VM: 162-164  
 ANDRES GA: 165  
 ANDREWS M: 485  
 ANDRUSHCHENKO EV: 166  
 ANDRZEJEWSKA W: 167  
 ANDZHAPARIDZE OG: 168  
 ANESTIADI W: 169  
 ANFINSEN CB: 978-979, 3085, 4715, 4759-4760, 4768  
 ANGELO C: 2285  
 ANGELO GM: 386  
 ANGGARD A: 1659, 2940  
 ANISIMOV VK: 170  
 ANISIMOVA VF: 7186  
 ANKERST J: 4639  
 ANKIER SI: 171  
 ANOJCIC S: 6778  
 ANOKHINA IUV: 172  
 ANSCHUTZ F: 173  
 ANSLINGER D: 5354  
 ANTOINE B: 174-176  
 ANTONENKOV GM: 434  
 ANTONIADES A: 4864  
 ANTONOV VK: 4-5  
 ANTONOVA EV: 4248  
 ANZAI T: 2812  
 ANZOLA E: 6449  
 AOKI K: 177  
 AOKI N: 178, 5634  
 AOKI T: 179  
 AONO M: 4443  
 AOYAGI T: 180, 3312, 6596  
 AOYAMA H: 181  
 APANASENKO BG: 182  
 APARICIO SG: 3134  
 APFELBAUM M: 925  
 APOSTOLOFF E: 2512  
 APOSTOLOV K: 3130  
 APPELGREN KL: 4993  
 APPELGREN L: 3690, 3746  
 APEKAR' SG: 183  
 AQUARON R: 5441  
 ARAGONA F: 184  
 ARAI K: 4710, 6803  
 ARAKELOV RA: 185  
 ARAKI K: 4089  
 ARAN M: 186  
 ARANCIA G: 956  
 ARANDES E: 6890  
 ARANGO L: 6961  
 ARANTES WL: 187  
 ARAUJO FILHO JP DE: 3691  
 ARBESMAN CE: 1483  
 ARBON RA: 6427  
 ARCE M: 67  
 ARCHAMBAULT R: 5567  
 ARCHER FL: 6176  
 ARCHER RK: 188  
 ARCHIBALD KC: 189  
 ARCHIMBAUD JP: 6501  
 ARCIDIACONO R: 64  
 ARDAILLOU N: 190, 4505  
 ARDICHVILI D: 4814  
 ARDLIE NG: 191, 4830  
 ARDUINO LJ: 192  
 AREEKUL S: 193  
 ARGENZIANO G: 194, 5478  
 ARIENS AT: 5537  
 ARIENZA B: 195  
 ARIMA K: 6538, 7060  
 ARIMA T: 196  
 ARISAWA M: 197  
 ARKY I: 6310  
 ARKY RA: 5726  
 ARMATA J: 198  
 ARMENTROUT RW: 199  
 ARMOUR JA: 1312  
 ARMSTRONG HB: 691  
 ARMSTRONG ML: 200  
 ARNAUD CD: 5579  
 ARNAUTU I: 1048  
 ARNDTS D: 201  
 ARNESEN H: 202  
 ARNESJO B: 203  
 ARNFRED I: 5544  
 ARNOLD K: 204  
 ARNOLD M: 2215  
 ARNON R: 205-206, 5612  
 ARNTZEN FC: 750  
 ARON D: 3663  
 ARON JJ: 207  
 ARON-ROSA: 6718  
 ARON-ROSA D: 207  
 ARONOVA ER: 208  
 ARONSEN KF: 209  
 ARONSON AI: 4555  
 ARONSON SB: 210  
 ARORA A: 211  
 ARORA MM: 211  
 ARORA RB: 212, 4281  
 ARROWSMITH WR: 2488  
 ARRUTH JA: 213  
 ARSENI C: 214-216  
 ARSTILA AU: 5378  
 ART GP: 217  
 ARTURI F: 1220, 1222  
 ARTURSON G: 219  
 ARJUN LI: 220  
 ARYA RK: 5170  
 ASADA T: 5634  
 ASAGA H: 3291  
 ASAHARA M: 6575  
 ASAI K: 221-222  
 ASAKURA T: 3203  
 ASBECK F: 223  
 ASCH BB: 224  
 ASHBELL TS: 464  
 ASHBY EC: 225  
 ASHCAR H: 226  
 ASHFORD TP: 5597-5598  
 ASHIKHMINA EM: 3062  
 ASHIZAWA A: 227  
 ASHLEY LM: 228  
 ASHMARIN IP: 229  
 ASHTON F: 294  
 ASHTON FE: 230  
 ASKEW EW: 7101  
 ASLAM PA: 231  
 ASLANIAN NL: 232-233  
 ASOSKOV VA: 3744  
 ASP K: 234  
 ASSAL G: 235-236  
 ASSAN R: 398  
 ASSENMACHER DR: 1541  
 ASSO J: 326  
 ASTALDI AA JR: 844  
 ASTALDI G: 844  
 ASTARLOA L: 5522  
 ASTEDT B: 1633, 4603  
 ASTER RH: 4071  
 ASTRAKHAN VI: 3059  
 ASTRUC ME: 2929  
 ASTRUP P: 3206  
 ASTRUP T: 237, 717-718, 2111, 3491, 4413, 4480, 5289, 5471  
 ATAC A: 238  
 ATANASSOV K: 239  
 ATARASHI J: 240  
 ATARE ZA: 3169  
 ATEFI K: 6447  
 ATEN B: 6147  
 ATENCIO AC: 3786  
 ATHERTON RS: 241  
 ATIK M: 242  
 ATKINS P: 243-244  
 ATKINSON MR: 805  
 ATLAS D: 2156  
 ATSUMI K: 245  
 ATSUMI T: 3303  
 ATTAL C: 1134  
 ATTAR S: 246-247, 1199, 6486  
 ATTYGALE D: 248  
 ATZPODIEN W: 249-250  
 AUBERT JP: 4267-4268  
 AUDIER AG: 251  
 AUDIER M: 252, 669  
 AUGER C: 4574  
 AUGUR NA JR: 253  
 AUGUST CS: 254  
 AUGUSTINOVA A: 3002  
 AULTON K: 849  
 AUMAITRE A: 255  
 AUST SD: 5684  
 AUSTEN KF: 6092  
 AUSTIN DJ: 6431  
 AUSTIN J: 2181  
 AUSTIN JP: 256-257  
 AUTERI A: 1446-1450  
 AUVERT J: 1485  
 AVAKIAN S: 6994  
 AVAKIMIAN MA: 2781  
 AVALOS JS: 258  
 AVANZI G: 4885  
 AVDEEVA EV: 2046  
 AVERBAKH MM: 2032  
 AVIADO DM: 259  
 AVILA L: 2026  
 AVIS PR: 1665  
 AVRAMENKO LV: 260  
 AWALT LF: 261  
 AXEN R: 262  
 AXLINE SG: 263  
 AYAD S: 264  
 AYAS E: 265  
 AYOBE MH: 4324  
 AYRES P: 2218  
 AYRES SM: 2056  
 AZAMA T: 6046  
 AZARNOFF DL: 4469  
 AZEGAMI M: 266  
 AZERAD R: 957, 4025  
 AZERAD RG: 2282, 3602  
 AZIMOVA RM: 267  
 AZIOLI C: 956  
 AZLETSKAIA-ROMANOVSKAIA: 268  
 AZNAR J: 269-270  
 AZNAR JA: 270  
 AZUMA I: 271  
 AZUMA M: 3099  
 AZZI A: 1976  
 AZZOLINI A: 272  
 AZZOPARDI JG: 716  
 BAAR S: 273  
 BABA K: 274  
 BABABUNMI EA: 275  
 BABALA J: 2084  
 BABALIAN NN: 276  
 BABALICH AK: 277  
 BABEL E: 278-279  
 BABEL J: 280  
 BABIOR BM: 281  
 BACCHELLA T: 3691  
 BACCETTA A: 4050  
 BACH G: 282-283, 5348  
 BACH JF: 284-287  
 BACHHAWAT BK: 984  
 BACHI T: 2102  
 BACHMANN F: 288  
 BACIU I: 289  
 BACK N: 290, 1483  
 BACKMANN L: 722  
 BACKWINKEL KD: 291  
 BACOURT F: 1998  
 BADALIAN LO: 292-293  
 BADDELEY RM: 294, 5994  
 BADEN H: 295-296  
 BADEN HP: 297  
 BADINAND P: 510  
 BADONNEL Y: 6703  
 BADOWSKI A: 298, 1255  
 BADI B: 5722  
 BAECKSTROM P: 299  
 BAGDASAROVA AV: 300  
 BAGEAC C: 5446  
 BAGGIO B: 301  
 BAGLIONI C: 104, 302  
 BAGNELL H: 1153  
 BAGUET JC: 3613  
 BAHNSON HT: 2413  
 BAHR GF: 303  
 BAIANDINA SA: 1021  
 BAILEY CJ: 304  
 BAILEY I: 3735  
 BAILIN G: 6326  
 BAILLE Y: 305-306, 1189  
 BAILLON R: 888  
 BAINTRER K JR: 309  
 BAIOCCHI P: 6630  
 BAJUSZ V: 3364  
 BAK IF: 310, 4128  
 BAKAY M: 431  
 BAKER AB: 311  
 BAKER BR: 312, 920



# AUTHOR INDEX

BAKER H: 313  
BAKER LD: 2413  
BAKER LR: 716, 3604  
BAKER RJ: 314  
BAKER RM: 315  
BAKLAJA-JEVREMOVIC R: 1500  
BAKSHEEV NS: 316  
BAKSHEEVA LP: 317  
BALAN R: 1418  
BALANDIN IG: 318  
BALANT L: 852  
BALAZ V: 319  
BALCERZAK SP: 3547  
BALCH HH: 974  
BALDAMUS U: 320  
BALDINI M: 4731-4732, 5443, 6150  
BALDINI MG: 321, 3471-3472  
BALDWIN JM JR: 1887  
BALE GF: 3855  
BALERNA M: 322  
BALFOUR HH JR: 323  
BALI IM: 5984  
BALIAH T: 3897  
BALINT A: 6894-6895  
BALISH E: 4939  
BALL EG: 4018  
BALNER H: 286  
BALOCH KH: 2492  
BALODIMOS MC: 1011  
BALOGH Z: 4216  
BALON LR: 324  
BALSAN S: 5554  
BALSAVER AM: 405  
BALTAJAN O: 7184  
BALTIMORE D: 325-326  
BAMBERGER-BOZO C: 660  
BAN I: 3038  
BANASCHAK H: 5023  
BANBA K: 327  
BANERJEE JC: 328  
BANERJEE B: 329  
BANG FB: 330  
BANGHAM DR: 331  
BANITT EH: 4549  
BANK A: 6779  
BANKER GS: 2872  
BANKOWSKI E: 332-333  
BANKS BE: 334  
BANKS PA: 6367  
BANKS TE: 335  
BANKUTI P: 6675  
BANNISTER WH: 777  
BANSAL OP: 5852  
BANSSILLON V: 3846, 6501  
BANTHORPE DV: 334  
BANWART GJ: 4194  
BAR D: 336  
BARAKAT T: 337  
BARALDI M: 338-339  
BARAN M: 340  
BARANOWSKI T: 5922  
ARANY E: 3566  
BARANY EH: 1279  
BARANY K: 6326  
BARANY M: 6326  
BARAS I: 341  
BARASCH K: 341  
BARBARO JF: 343  
BARBAROSSA C: 344  
BARBER DC: 3516-3517  
BARBER M: 3806  
BARBERI G: 5832  
BARBEY K: 345  
BARBIER M: 1064  
BARBIER Y: 506  
BARBOUR BH: 6356  
BARBU E: 1272, 4027  
BARBUI T: 5181  
BARCAT JA: 4931  
BARCHEWITZ G: 980  
BARCLAY DL: 3414  
BARCLAY WR: 2144  
BARDANA EJ JR: 346  
BARDUAGNI A: 354  
BARG TSM: 347  
BARG WF JR: 348  
BARGELLES A: 3826  
BARIETY J: 349  
BARK CJ: 350  
BARKAGAN LZ: 5873

BARKAGAN ZS: 351  
BARKER DC: 6440  
BARKER LF: 352, 6175  
BARKER N: 5275  
BARKER WF: 5048  
BARKER WM: 353  
BARCO AI: 4984  
BARLAS G: 3324  
BARLATTANI M: 354  
BARLVE H: 355  
BARMAN ML: 3552  
BARNARD CN: 5729-5730  
BARNARD EA: 1381, 2182, 4310-4311  
BARNARD G: 356  
BARNARD PM: 357  
BARNES AD: 294  
BARNES B: 5453  
BARNET A: 1115  
BARNETT AJ: 1781  
BARNHART MI: 2079, 5374, 6811  
BARNOOTHY JM: 358  
BARNOOTHY MF: 358  
BARNOUIN F: 4453  
BARON F: 359  
BARON JM: 360, 3179  
BARON S: 543  
BARONDES SH: 7128  
BARONE AA: 1326  
BAROUSCH R: 361  
BARRAO COMPS F: 3563  
BARRAS JP: 362-363  
BARRATT RW: 2881  
BARRETT D: 364-366  
BARRETT O JR: 4042  
BARRITT DW: 367  
BARRON SL: 4183  
BARROS RT: 3532  
BARROWMAN J: 203  
BARSEWISCH B VON: 1973  
BARSEWISCH B VON: 2574  
BARSKOV II: 3511  
BARTER CE: 2772  
BARTH P: 3296, 5682-5683  
BARTHEL W: 368, 4020  
BARTHELMAI W: 369, 3714, 6709-6710  
BARTKOWIAK J: 370  
BARTL F: 2008-2010, 6557  
BARTLETT RH: 371  
BARTLEY W: 372  
BARTMAN J: 5682  
BARTON PG: 373-374  
BARTOS J: 375, 5212  
BARYD I: 2940  
BASARGIN NN: 1862  
BASFORD JM: 1713  
BASINGER SF: 1420  
BASKAKOVA IUI: 4594  
BASKOVA IP: 3430, 6235  
BASOVA GG: 376  
BASRUR PK: 2496  
BASSALYK LS: 5153  
BASSIR O: 275  
BASSO N: 377  
BASTIAN R: 2134  
BASTIDE P: 1135, 1294, 4218  
BASU HK: 378-380  
BATALINA SK: 5215  
BATES D: 929  
BATIUNIN IT: 381  
BATRA MS: 7042  
BATSCHWAROWA M: 4315  
BATT CW: 3982  
BATTAGLIA G: 382  
BATTAGLINI P: 383  
BATTAGLINI LJ: 384  
BATTERSBY C: 385  
BATTISTI JP: 6558  
BATTISTA OA: 2346  
BATZ K: 3457  
BAUDACH H: 386  
BAUDO F: 1327  
BAUER G: 387  
BAUER GE: 1443  
BAUER K: 388-389  
BAUERNEFEIND JC: 390  
BAULIEU EE: 4250  
BAUM JD: 391  
BAUM S: 392, 5573  
BAUMAN AW: 5757  
BAUMAN RJ: 4353

BAUMANN G: 393  
BAUMGART J: 5962  
BAUMGARTEN W: 394, 3754  
BAUMGARTNER D: 395  
BAUMGARTNER G: 396  
BAUMGARTNER HR: 397, 412  
BAUR O: 398  
BAUTERS F: 1352, 4886  
BAVAZZANO A: 5916  
BAVETTA LA: 119  
BAYART M: 1882  
BAYER ME: 4270  
BAYER R: 612  
BAYER WL: 399-401, 3229, 3655  
BAYINDIR S: 2507  
BAYLISS OB: 38  
BAYRAKCI C: 346  
BAZANOVA GV: 5344  
BAZAZIAN GG: 3433  
BAZIL G: 1984  
BAZINET HP: 3216  
BEAL RW: 402  
BEALE D: 403  
BEALL AC JR: 404-405, 6177  
BEARD C: 5294  
BEATHARD GA: 6496  
BEATO M: 406  
BEATO DEL ROSAL M: 407  
BEATSON NS: 6007  
BEATTY EC JR: 2460  
BEAUFILS F: 3613  
BEAUMONT JL: 2183  
BEAUREGARD H: 1547  
BEAUSSART M: 60-61  
BECHAMPS GJ: 408  
BECHTELSCHEIMER H: 3640  
BECHTOLDT AA JR: 409  
BECIT N: 6592  
BECK AD: 410  
BECK EA: 411-412, 4399  
BECK H: 6718  
BECK O: 3492  
BECK W: 5730  
BECKER AE: 6774  
BECKER EL: 1771  
BECKER GA: 4071  
BECKER H: 413-414  
BECKER JA: 4032  
BECKER KE: 415  
BECKER W: 2069  
BECUS T: 3137  
BEDNAR B: 5487  
BEEMER A: 530  
BEER CT: 2495  
BEER R: 416  
BEER Z: 417  
BEERSTECHER HJ: 418  
BEESER H: 419  
BEESLEY WN: 420  
BEGENT N: 421  
BEGHELLI V: 4051  
BEGUERI F: 2715  
BEGUNOVA TI: 6693  
BEHAN PO: 422  
BEHAR L: 6080  
BEHLKE J: 423  
BEHNKE O: 424-425  
BEHNKE WD: 426-427  
BEHRMAN HR: 428  
BEHRMAN RE: 2193  
BEHRMAN SJ: 4990  
BEIER HM: 429  
BEIERLE JW: 119  
BEIGHTON PH: 430  
BEISER GD: 5471  
BEUL EA: 5855  
BEK V: 3281  
BEKELE T: 6215  
BEKROV ZB: 113  
BELADI I: 431  
BELAN A: 432  
BELCHITA A: 5002  
BELENKII AI: 433  
BELETSKII M: 4462  
BELIAEV LA: 6457  
BELIAEV MP: 434  
BELICHENKO IA: 435, 2309  
BELICHENKO LI: 5515-5516  
BELIKOV ES: 3075  
BELJAKOVA TI: 5137



# AUTHOR INDEX

- BELKORINITSKII DV: 436  
 BELL C: 437-438  
 BELL CE JR: 439  
 BELL FP: 440  
 BELL P: 4765  
 BELL PH: 348  
 BELL RG: 441, 4087  
 BELL RL: 405, 6177  
 BELL RS: 442  
 BELL W: 3217  
 BELL WE: 443  
 BELL WR: 444, 1868-1869  
 BELLAN B: 1221  
 BELLARS AR: 445  
 BELLEGARDE E: 5522  
 BELLER FK: 446, 4282, 6892  
 BELLET S: 4586  
 BELLIN A: 2554  
 BELLO AC: 4349  
 BELLOCQ P: 888  
 BELLOSSI A: 743  
 BELMAN AB: 447  
 BELOKRINITSKII VI: 1794  
 BELOUSOV AS: 448  
 BELOUSOV IUB: 3744  
 BELOVA NI: 6526  
 BELSUNCE M DE: 4453  
 BELYAVIN G: 3130  
 BELZER FO: 4969  
 BEN-SHAUL Y: 1106  
 BENABID Y: 2652  
 BENACERRAF B: 2221, 3973, 4913, 7089-7090  
 BENACKOVA M: 6583  
 BENAMON-DJIANE D: 6061, 6063  
 BENASSAYAG E: 21  
 BENASSI CA: 605  
 BENATRE A: 756  
 BENAVIDES PH: 1841  
 BENCINI M: 5507  
 BENDA R: 449  
 BENDALL JR: 4329  
 BENDER H: 450  
 BENDER ML: 4038-4039, 4506, 5106-5107, 6631-6632, 8873  
 BENDIK I: 1054  
 BENDIXEN G: 451  
 BENEDEK E: 452  
 BENEDEKOVA M: 3002  
 BENEDICENTI A: 453  
 BENEDICT WF: 5142  
 BENES L: 454  
 BENFIELD JR: 2832  
 BENGMARK S: 455-456  
 BENHAMOU G: 1234  
 BENICHOUX R: 931  
 BENIS AM: 457  
 BENISCH B: 124  
 BENKO S: 458  
 BENNER KU: 459-460  
 BENNET NB: 461  
 BENNETT AE: 462  
 BENNETT E: 463  
 BENNETT JE: 464  
 BENOIT JP: 465  
 BENOIT P: 465  
 BENOITON NL: 5781  
 BENOZIO M: 4875  
 BENSINGER TA: 466  
 BENSON JD: 7101  
 BENSON ML: 6437  
 BENSON SJ: 3866  
 BENTLEY EW: 467  
 BENTLEY R: 902  
 BENVENISTI DS: 468  
 BENVENUTO G: 469, 4848  
 BENYO R: 3886  
 BENZ LL: 6072  
 BERAN M: 5147  
 BERAN V: 470  
 BERANEK I: 432  
 BERARD M: 4836  
 BERBENTSEVA LF: 471  
 BERBICH A: 1359  
 BERCOVICI JP: 4123  
 BERCOVICI S: 472  
 BERDONDINI F: 473  
 BERENSON GS: 6095  
 BERENT H: 5545  
 BEREZIN A: 474  
 BEREZIN AV: 3161  
 BEREZIN IV: 475, 3840  
 BERG A: 4783  
 BERGENDORFF A: 6613  
 BERGENTZ SE: 1078, 2882, 3689-3690, 3746-3747  
 BERGER F: 476  
 BERGER FM: 477  
 BERGER M: 506  
 BERGER S: 478-479  
 BERGESI G: 480  
 BERGGARD I: 3063  
 BERGIN JJ: 7190  
 BERGMAN F: 481  
 BERGMAN RK: 1089  
 BERGMANN A: 482, 6879  
 BERGOMI A: 4812  
 BERGOUIGNAN M: 770  
 BERGSJO P: 1727  
 BERGSTROM K: 483  
 BERKEL AI: 254  
 BERKEL I: 5654  
 BERLAND H: 5556  
 BERLIN SJ: 484  
 BERMAN BJ: 4910  
 BERMAN IR: 1507  
 BERMAN L: 485  
 BERMAN LD: 486  
 BERNARD A: 5722  
 BERNARD J: 487-489, 2884  
 BERNARD P: 490  
 BERNARD R: 4006  
 BERNARD RP: 5757  
 BERNARDINI UD: 6712  
 BERNATZ PE: 2165  
 BERNAU U: 491  
 BERNDT W: 492-493, 4441  
 BERNELL WR: 3676  
 BERNESCU E: 1539  
 BERNEY SN: 494  
 BERNHARD SA: 5479  
 BERNHARD WF: 495  
 BERNHARDT JP: 6501  
 BERNIER J: 1547  
 BERNIK MB: 496  
 BERNSTEIN VN: 3375  
 BERNSTEIN R: 497  
 BERNSTEIN RG: 1900  
 BEROEVA GV: 3059  
 BERONIADE V: 4919  
 BERQUET JC: 498  
 BERRY CL: 499  
 BERRY W: 2925  
 BERSOHN I: 3146  
 BERTAGGIA A: 500  
 BERTAGNOLIO C: 501  
 BERTAZZOLI C: 502  
 BERTELSEN S: 503-504, 1612  
 BERTELSEN TI: 505  
 BERTERA F: 958  
 BERTHILLER G: 1187  
 BERTHOUS F: 506  
 BERTIN P: 1569  
 BERTISH J: 821  
 BERTLES JF: 507, 1042  
 BERTONE C: 508  
 BERTRAND H: 5244  
 BERTRAND M: 6830  
 BERVAR M: 509  
 BESELER WD: 5488  
 BESSON P: 6625  
 BEST JD: 4048  
 BETHENOD M: 510  
 BETHUNE JL: 5958  
 BETTEX-GALLAND M: 511  
 BETTIGOLE RE: 512  
 BETTMAN JW JR: 513  
 BETUEL H: 6501  
 BEUREY J: 514  
 BEUTNER EH: 19  
 BEVERIDGE J: 6770  
 BEVLACQUA RG: 3691  
 BEWLEY TA: 515  
 BEYER J: 5712  
 BEYER P: 516  
 BEYLOT C: 6066  
 BEYREUTHER K: 223  
 BEYS-L'HOEST B: 517  
 BEYS-L'HOEST B: 518  
 BEYOUT D: 1135  
 BEZBORODKO BN: 519  
 BEZKOROVAINY A: 1364  
 BEZNOSIKOV BO: 520, 4863  
 BEZNOSIKOVA VK: 520  
 BHARADWAJ TP: 1038  
 BHARGAVA KC: 1578  
 BHARGAVA M: 3453  
 BHARGAVA N: 652  
 BHASKAR KR: 521  
 BHASKARAN CS: 522-523, 2927  
 BHATTIA CK: 2960  
 BHATT HV: 1401  
 BHATTACHARYA S: 524  
 BHOOLA KD: 525-526  
 BHUTANI LK: 2760  
 BIANCA W: 527  
 BIANCHI W: 528  
 BIBEN RL: 4967  
 BICHAIN N: 3954  
 BICHER HI: 529-530  
 BICHOWSKY-SLOMNICKI L: 531  
 BICKS RO: 3855  
 BIDGOOD M: 2645  
 BIEBER J: 532  
 BIEBERDORF FA: 533  
 BIEK Y: 3316  
 BIELAK J: 1852  
 BIELAWIEC M: 534-536, 619, 1071  
 BIELSKI J: 537  
 BIERMAN EL: 6748  
 BIERNACKA B: 3185  
 BIERSTEDT P: 5523  
 BIERWAG K: 538  
 BIERY DN: 5573  
 BIESEWIG D: 406  
 BIGGS GC: 6410  
 BIGGS JC: 1031-1032  
 BIGGS R: 539-541  
 BIGLEY NJ: 6889  
 BIGOT R: 5098  
 BIGUET J: 6795  
 BIHLER K: 3717  
 BILEOMA S: 5350  
 BILICH GL: 542  
 BILLAULT A: 1272  
 BILLET J: 1339  
 BILLET M: 6738  
 BILLIAU A: 543-544  
 BILLIET I: 2477  
 BILLIMORIA JD: 5164  
 BILLUPS C: 6228  
 BILYNSKII BT: 2108  
 BIMPSON T: 545  
 BINAGHI PC: 64  
 BINGHAM WG JR: 546  
 BINKERT D: 2756  
 BINNS PM: 2055  
 BINZ H: 2102  
 BIORCK G: 5977  
 BIRD GW: 6578  
 BIRK Y: 2048, 3317, 6522  
 BIRKBECK J: 110  
 BIRKE WP: 547  
 BIRKHEAD JS: 1404  
 BIRN H: 548  
 BIRNBAUMER L: 5422  
 BIRNDORF NI: 549, 1800  
 BIRO J: 5458  
 BIRON P: 5714  
 BIRTWELL WC: 4611  
 BISCATTI G: 550-551  
 BISCHOF W: 552  
 BISCHOFF F: 811  
 BISCHOFF L: 3750  
 BISEL HF: 6974  
 BISERTE G: 1299-1300, 2393, 5637, 5831, 6830  
 BISHOP C: 4687-4688  
 BISHOP R: 553  
 BISKUPEK H: 5560  
 BISKUPSKI E: 1250  
 BISMUTH H: 4359  
 BISNO AL: 554-555  
 BISTONI F: 5073  
 BISTRITSKAITE GB: 556, 3078  
 BIT-ALKHAS IRANI B: 557  
 BITHELL TC: 558  
 BITRAN M: 4930  
 BITTNER EW: 559  
 BIZRAI UI: 3117  
 BIZZI B: 560-563  
 BLACK FL: 992  
 BLACK LF: 2543



# AUTHOR INDEX

BLACK WJ: 563  
 BLACKARD CE: 564  
 BLACKBURN CR: 7014  
 BLACKHAM EA: 6174  
 BLACKWELL RQ: 565  
 BLAGODAROV VN: 2163  
 BLAIN C: 566  
 BLAIR CD: 567  
 BLAIR GW: 568  
 BLAISDELL FW: 6100  
 BLAJCHMAN MA: 569  
 BLAKELY JA: 571  
 BLAKEMORE WS: 6803  
 BLAMOUTIER J: 1366  
 BLANC MT: 305  
 BLANC T: 306-308  
 BLANCHARD MC: 4852  
 BLANCHARD J: 1603, 4211  
 BLANCH MF: 729  
 BLANCO A: 384  
 BLANK F: 7102  
 BLANK NL: 572  
 BLANKENSHIP BJ: 3847  
 BLASZCZYK M: 573  
 BLATNY J: 574  
 BLATON V: 575  
 BLATRIX C: 576, 2990  
 BLAU HJ: 3415  
 BLEEHEN SS: 2973  
 BLEEKER GM: 577  
 BLEIAN GT: 5097  
 BLEIFELD W: 578  
 BLEUMINK E: 2915  
 BLEYER WA: 579  
 BLEYL U: 580-582, 6414  
 BLICHARSKI J: 583  
 BLINKOVA-LUKIANETS AA: 740  
 BLINOVA MI: 5091  
 BLISS CI: 584  
 BLISS D: 780  
 BLIX S: 585-588  
 BLOBEL G: 589, 5551  
 BLOBEL H: 2887, 3045, 6910  
 BLOCH D: 3699  
 BLOCH DP: 590  
 BLOCH KJ: 1626, 6425  
 BLOCK GE: 360  
 BLOCK J: 3664  
 BLOCK JB: 2451  
 BLOCK SH: 323  
 BLOEMENDAL H: 3629  
 BLOK J: 3834  
 BLOKH EL: 2032  
 BLOKHIN NN: 591  
 BLOKHINA NG: 3059  
 BLOMBACK B: 593, 595  
 BLOMBACK M: 595, 2824, 4602, 4634  
 BLOMQVIST H: 597  
 BLOMQVIST K: 4468, 5590  
 BLONDHEIM SA: 7167  
 BLOOM AL: 598  
 BLOOMFIELD DK: 599  
 BLOSSEY BK: 335  
 BLOUT ER: 5926  
 BLOW DM: 6154  
 BLUESTONE R: 1868  
 BLUESTONE RH: 1869  
 BLUM JC: 891  
 BLUMBERG BS: 4270-4271  
 BLUMBERG JM: 5089  
 BLUMBERG S: 2156  
 BLUME KG: 2116  
 BLUMEL C: 600  
 BLUMEL PM: 601  
 BLUMENSON LE: 602  
 BLUMENTHAL S: 3964  
 BLUZMANAS EI: 826  
 BLYTHE WB: 3902  
 BOBCEV T: 2030  
 BOBEST M: 1506  
 BOBINSKI JE: 1028  
 BOBROVA OI: 5344  
 BOBRZECKA K: 603  
 BOCCI V: 604, 6735  
 BOCCU E: 605  
 BOCHKOVSKII FR: 606  
 BOCK A: 3347  
 BOCK J: 607  
 BOCK KD: 4826  
 BOCCQUET L: 888

BOCZAR A: 608  
 BODE C: 2134  
 BODE H: 249  
 BODEN B: 609  
 BODEN C: 5739  
 BODEN U: 5739  
 BODENBENDER JG: 3322  
 BODEY GP: 2563, 6937  
 BODIAZHINA VI: 610  
 BODIC: 359  
 BODLAENDER P: 611, 1773  
 BODMER W: 5619  
 BOEHMER H VON: 612  
 BOEHMIG HG: 23  
 BOEHMIG HJ: 5957, 6113  
 BOEKEER EA: 613  
 BOETTCHER WG: 614  
 BOETTE G: 615  
 BOEVE NR: 616  
 BOFFA GA: 617-618  
 BOFFA MC: 617-618  
 BOGDANIKOWA B: 619  
 BOGDANOV EA: 620  
 BOGGS J: 4590  
 BOGNAR J: 2002  
 BOGOLITSYN IUG: 621  
 BOGOMOLOVA LG: 1801  
 BOGREN H: 622  
 BOGUSZ J: 623-625  
 BOHAK Z: 1107  
 BOHLE E: 4128, 5712  
 BOHLEY E: 5694  
 BOHLIG H: 626  
 BOHLMANN HG: 627  
 BOHME H: 7155  
 BOHN H: 628  
 BOHNE J: 629  
 BOHUT V: 630  
 BOICHEVSKAIA NO: 3592  
 BOIKO AS: 3950  
 BOIRON H: 3625  
 BOIRON M: 489, 631, 2884  
 BOJANIC N: 6503  
 BOKKEL HUININK SA TEN: 6700  
 BOKROS JC: 632-633  
 BOLANDE RP: 6886  
 BOLASNY BL: 634, 4364  
 BOLDESCU G: 1244  
 BOLENS M: 1788  
 BOLER L: 3549  
 BOLES ET JR: 2258  
 BOLL M: 635-637  
 BOLLINGER A: 638  
 BOLOGNA E: 639-643  
 BOLOSIO H: 1579  
 BON S: 4075  
 BONA C: 6105  
 BONARDI G: 1166  
 BONDARENKO MF: 644-645  
 BONDARENKO VA: 646  
 BONELLI U: 647  
 BONERANDI JJ: 2328  
 BONEWELL GW: 648  
 BONFIGLIO M: 614  
 BONFILS S: 1017  
 BONNAR J: 649-651  
 BONNER J: 1341  
 BONNET H: 2929  
 BONNET P: 6501  
 BONSEN PP: 4028  
 BONTA IL: 652  
 BOOTH PB: 5299  
 BOPP P: 653  
 BORCHGREVINK CF: 654  
 BORDEN EC: 655  
 BORDER W: 3736  
 BORDO D: 656  
 BOREK E: 5844  
 BORENSZTAJN J: 657-658  
 BORGESKOV S: 5544  
 BORGIO E: 659  
 BORGSTROM B: 203  
 BORIE R: 3960  
 BORIS J: 660  
 BORN GV: 421, 661  
 BORNER P: 3702  
 BORNEN U: 662  
 BORNSTEIN P: 663-664  
 BOROCHEVITZ D: 665  
 BOROCZ L: 2151

BOROS G: 666, 4216  
 BOROS T: 1582  
 BOROTA R: 5252  
 BOROVKOV SA: 667  
 BORRESEN HC: 668  
 BORRISS R: 4713  
 BORSHCHEVSKII IUM: 827  
 BORSONI G: 1571  
 BORTNIK AT: 4902  
 BORY M: 669  
 BOSCH MARIN J: 670  
 BOSSES B: 4535  
 BOSMAN AR: 3224  
 BOSNJAKOVIC V: 1500  
 BOSNJAKOVIC V: 4650  
 BOSTEDT H: 671  
 BOSZE P: 672  
 BOTESCU M: 5446  
 BOTHWELL JW: 5464  
 BOTSMAN LI: 5915  
 BOTT KF: 6968  
 BOTTCHER CJ: 3247  
 BOTTCHER D: 5725  
 BOTTGER G: 673  
 BOTTGER M: 3248  
 BOTTIGER LE: 674, 5977  
 BOUCHAYER M: 675  
 BOUCHE J: 676  
 BOUCHER R: 677  
 BOUCHET Y: 5350  
 BOUCHIER IA: 4167  
 BOUDREAUX HB: 678  
 BOUFAS D: 653  
 BOUGAS JA: 6324  
 BOULANGER Y: 1299, 2393  
 BOULLIN DJ: 679-680  
 BOULTER D: 304, 6430  
 BOULTON A: 1988  
 BOUNOUS G: 681-682  
 BOURALI MF: 945  
 BOURDE C: 683  
 BOURDE J: 684  
 BOURDEAU AM: 5554  
 BOURDIAL J: 2287  
 BOUREL M: 4926-4927  
 BOURGADE P: 1190  
 BOURGAIN RH: 685  
 BOURGEOIS N: 3573  
 BOURGEOIS-SPINASSE J: 2277  
 BOURNE H: 3620  
 BOURRILLON R: 686  
 BOUSSAGOL: 3995  
 BOUSSER J: 5600  
 BOUTELIER P: 687  
 BOUTROS H: 1189  
 BOUVIER CA: 1788  
 BOUZART WF: 688  
 BOVE LG: 689  
 BOVEN CP VAN: 690  
 BOWE ET: 323  
 BOWEN P: 691  
 BOWERMAN JE: 692  
 BOWES JB: 693-694  
 BOWIE EJ: 695-699, 1423-1424, 2334, 2779, 3110, 4138, 4820, 7107  
 BOWLES-LEDFOED E: 1318  
 BOWMAN BH: 700  
 BOWMAN DE: 813  
 BOWMAN FO JR: 3964  
 BOX TR: 701-702  
 BOYCE JM: 4365  
 BOYCE NE JR: 2146  
 BOYD D: 246  
 BOYD JF: 703  
 BOYDEN DG: 704  
 BOYER JL: 705  
 BOYER SH: 706  
 BOYES RN: 6551  
 BOYETT JD: 707  
 BOYLES PW: 708  
 BOZZINI CE: 3286  
 BRAASCH D: 709  
 BRABEC V: 5214  
 BRACQ C: 2674  
 BRADBURY S: 1421  
 BRADFORD DS: 710  
 BRADHAM RR: 711  
 BRADSHAW RA: 712-713, 6808-6809  
 BRAENDLE W: 406  
 BRAHME F: 714



# AUTHOR INDEX

BRAILESCU G: 1244  
 BRAIN MC: 715-716, 836, 1254  
 BRAKMAN P: 717-718, 1672, 4413, 5471  
 BRALA Z: 719  
 BRANCH CL: 4640  
 BRANDBORG LL: 720  
 BRANDS T: 721-722  
 BRANDSTUDTER W: 3381  
 BRANDT WE: 3860  
 BRANDTS JF: 2877  
 BRANEMARK PI: 723  
 BRANNON RB: 7004  
 BRANT D: 1874  
 BRANTIGAN JW: 724  
 BRASH JL: 3841  
 BRATCHIK AM: 6398  
 BRATIC-MIKES V: 4245  
 BRATU M: 725  
 BRAUMAN J: 6691  
 BRAUN H: 726  
 BRAUN V: 727-728  
 BRAUN-VALLON S: 729  
 BRAUNITZER G: 223  
 BRAUNSTEINER H: 1143, 2672  
 BRAWERMAN G: 4878  
 BRAXTON H: 1105  
 BRAY B: 730  
 BRAZINSKY JH: 814  
 BRECHER G: 756-757  
 BRECHT K: 731  
 BRECKENRIDGE A: 732, 4779  
 BRECKENRIDGE RT: 579, 2727  
 BREDDIN K: 733, 3527, 3597, 5663, 7200  
 BREED WP: 734  
 BREEN FA JR: 6552  
 BREEN SR: 5848-5849  
 BREHM H VON: 3540  
 BREIDENBACH H: 6880  
 BREIPOHL W: 4162-4163  
 BRENDA E: 735  
 BRENDLER SJ: 736  
 BRENDUS E: 5138  
 BRENNAN FJ: 737  
 BRENNER N: 7013  
 BRENOT JL: 887  
 BRENTJENS JR: 738  
 BRESCHI F: 739  
 BRESCHIA MJ: 6140  
 BRESLER SE: 740-741  
 BRESSON ML: 742  
 BRESSON Y: 743  
 BRETTAUER RK: 3371  
 BRETTSCHEIDER L: 3907, 6114  
 BREWER GJ: 4228  
 BREWER JM: 744  
 BREY E: 1919  
 BRIAZGUNOV IP: 745, 3368, 6360  
 BRICKER DL: 404  
 BRICTEUX-GREGOIRE S: 746  
 BRIDENBAUGH PO: 6551  
 BRIDGES JM: 4133-4134  
 BRIDONNEAU C: 383  
 BRIENZA A: 5509  
 BRIGGS JD: 747  
 BRIGGS JN: 1529  
 BRIGGS L: 5312  
 BRIGHTON CT: 5660  
 BRINA A: 970  
 BRINKHOUS KM: 4070  
 BRION S: 748  
 BRISCOE WA: 1738  
 BRISEID G: 749  
 BRISEID K: 750  
 BRISKIN AI: 6685  
 BRISTOW JD: 3242  
 BRITCHER SF: 3754  
 BRITT BA: 751  
 BRITTEN AF: 752-755, 1581, 4238  
 BRITTIN GM: 756-757  
 BRIZARD CP: 2674  
 BRIZON J: 758  
 BROADY K: 6171  
 BROCHIER A: 2005  
 BROCHIER J: 6501  
 BROCK JA: 6435  
 BROCKIS JG: 759  
 BROD KH: 5016  
 BRODHELM E: 2804  
 BRODIE AF: 4031  
 BRODIE GN: 780  
 BRODKORB W: 6942  
 BRODMAN HR: 2213  
 BRODONOVA M: 5267  
 BRODOV EE: 761  
 BRODSKY I: 3589, 5921  
 BRODY AW: 6495  
 BRODY IA: 6954  
 BRODY NI: 762  
 BROERSMA RJ: 763-764  
 BROMBERG BE: 5467  
 BRONSSTEIN KHI: 5239  
 BRONSSTEIN ME: 765  
 BRONSON P: 19  
 BRONZERT TJ: 5064  
 BROOKER D: 2237  
 BROOKS DE: 766  
 BROOKS DM: 767  
 BROOKS FP: 3250, 6033  
 BROOKS GC: 5967  
 BROOKS JB: 4403  
 BROOKS PL: 768  
 BROOMFIELD CA: 4387  
 BROSIUS E: 7192  
 BROSS ID: 131  
 BROTMAN M: 2259  
 BROUGHTON PM: 769  
 BROUSTRA J: 770  
 BROVETTO-CRUZ J: 515, 771, 3850  
 BROVKINA II: 772  
 BROVKO TE: 6893  
 BROWDER HP: 6853  
 BROWN AE: 773  
 BROWN AL: 695  
 BROWN AW: 6843  
 BROWN CD: 5142  
 BROWN D: 774  
 BROWN DE: 4389  
 BROWN DG: 775  
 BROWN DL: 3604  
 BROWN DM: 998  
 BROWN E: 3892  
 BROWN F: 776, 935-937  
 BROWN GM: 1235  
 BROWN IR: 777  
 BROWN IW JR: 2584  
 BROWN JD: 6126  
 BROWN JE: 778  
 BROWN LJ: 779  
 BROWN MS: 4416  
 BROWN P: 3857  
 BROWN PE: 780  
 BROWN TG JR: 1699  
 BROWN WC: 781  
 BROWN WD: 782  
 BROWN WR: 783, 3981, 6643  
 BROWNE DS: 967  
 BROWSE N: 784  
 BROWSE NL: 785-786  
 BROX LW: 787, 2204  
 BROXTON MH: 71  
 BROYER M: 5554  
 BRUCE-CHWATT LJ: 6477  
 BRUCK A: 788  
 BRUCK C: 789  
 BRUCKLE G: 790  
 BRUCKNEROVA O: 791  
 BRUENING GE: 2502  
 BRUETSCH WL: 792  
 BRUGEL H: 3362  
 BRUGGEN EF VAN: 793  
 BRUHN HD: 794  
 BRUMMEL MC: 795-796  
 BRUMMER HP: 671  
 BRUMMER R: 3944  
 BRUMMER-KORVENKONTIO M: 4958  
 BRUNEAU Y: 359  
 BRUNEL-ATLAN F: 1191-1192  
 BRUNETTI A: 2092-2095, 2097  
 BRUNETTI AJ: 6510  
 BRUNETTI M: 879  
 BRUNI L: 919  
 BRUNIQUEL G: 797  
 BRUNK RR: 798-799  
 BRUNNER HP: 3231  
 BRUNNER KT: 4115  
 BRUNNER KW: 800  
 BRUNNGRABER CV: 4543  
 BRUNO MS: 801  
 BRUNSWIG D: 2890-2891  
 BRUSTER H: 802-804, 6871  
 BRUSTER HT: 2470  
 BRUTLAG D: 805  
 BRYAN GT: 1687  
 BRYAN J: 806  
 BRYAN RN: 807  
 BRYANT CA: 2233  
 BRYANT LR: 6515  
 BRYC S: 806  
 BRYCESON AD: 809  
 BRYDON SE: 4538  
 BRYLA J: 810  
 BRYNIAK C: 196  
 BRYON PA: 6445, 6501  
 BRYSON G: 811  
 BUBE FW: 812  
 BUBUIANU V: 3975  
 BUCCI E: 813  
 BUCHANAN DS: 814  
 BUCHANAN-SMITH JG: 815  
 BUCHBORN E: 816  
 BUCHELERES HG: 3607  
 BUCHER R: 817  
 BUCHER U: 3457  
 BUCHHOLZ HW: 818  
 BUCHHOLZ W: 819  
 BUCHKO A: 820  
 BUCHMAN RJ: 2374  
 BUCHNER R: 1214, 6445  
 BUCHWALD H: 821  
 BUCKINGHAM RH: 822  
 BUCKLER CE: 543  
 BUCKNER CD: 823-824, 2216, 6207  
 BUCKNER RG: 3890  
 BUCKO A: 825  
 BUDAGOVSKII MT: 826  
 BUDANOVA LP: 827  
 BUDLIGER H: 6120  
 BUDURCA C: 1076  
 BUDYKA LP: 828  
 BUDZKO DB: 829, 3164  
 BUELOW JS: 4549  
 BUFFA P: 830  
 BUGLOV ED: 831, 1802, 4248  
 BUHL J: 5290  
 BUHNER M: 832  
 BUITENDIJK FJ: 3761  
 BUIUC D: 1539  
 BUK IM: 3059  
 BUKASIEWICZ B: 583  
 BUKHARI HI: 833  
 BUKY B: 2151  
 BULAI AA: 834  
 BULATOVA TI: 2860  
 BULIGESCO L: 4919  
 BULL BS: 835-836  
 BULL CH: 4055  
 BULLEMER GD: 763-764  
 BULLOCK BC: 3766  
 BULPITT CJ: 391  
 BUNCH DL: 5957  
 BUNN HF: 5882-5883  
 BUNNEY WE JR: 4454-4455  
 BUONANNO G: 837  
 BURCHARDT P: 3243  
 BURCHENAL JH: 4696  
 BURDEA M: 838  
 BURDEN JJ: 447  
 BURDYGA MA: 6725  
 BURENKOVA LV: 839  
 BURGE BW: 840  
 BURGER D: 3662  
 BURGER K: 2910, 4428  
 BURGER MM: 841  
 BURGER W JR: 842  
 BURGESS MA: 843  
 BURGI M: 4236  
 BURGIO GR: 844-845  
 BURGOS-CALDERON RA: 1100  
 BURGOYNE A: 1847  
 BURKA AA: 3367  
 BURKA ER: 846  
 BURKE C: 3196-3197  
 BURKE EC: 6189  
 BURKE JS: 847  
 BURKE WM: 4393  
 BURKHARD RK: 1477  
 BURKMANN I: 3231  
 BURLACHENKO IS: 848  
 BURLIMANN W: 6790  
 BURMEISTER MF: 7148



# AUTHOR INDEX

BURMESTER HB: 849  
 BURNARD ED: 2087  
 BURNETT W: 385  
 BURNS JJ: 850-851, 8903  
 BURR IM: 852  
 BURROW GN: 106  
 BURROWES CB: 2  
 BURSTEIN M: 853  
 BURSSTYN H: 3733  
 BUSCH GJ: 1123, 3868  
 BUSCH H: 854, 3349, 3998, 5290  
 BUSH AK: 855  
 BUSHUK W: 1065  
 BUSILA VT: 856-859  
 BUSING CM: 580-582  
 BUSSEL A: 489, 2884  
 BUSSI L: 1327  
 BUSSMANN JF: 1956  
 BUSTAMANTE Y: 1695  
 BUSTIN M: 860-861, 3694  
 BUTENANDT O: 862  
 BUTLER R: 863, 3782  
 BUTLER WT: 405, 864  
 BUTOIANU E: 5129  
 BUTTARO CA: 865  
 BUTTENBERG H: 1796  
 BUTTARY SH: 5053  
 BUTTI A: 560, 2845, 5190, 5192  
 BUTTNER J: 4236  
 BUTTON L: 495  
 BUTTON LN: 5466  
 BUTTS WH: 7099-7100  
 BUU-HOI NP: 866  
 BUXTON B: 867  
 BUXTORF JC: 2183  
 BUZINA AZ: 542  
 BYAR DP: 564  
 BYATT P: 6305  
 BYE A: 868  
 BYGDEMAN S: 869-870, 872-874, 1644  
 BYKOV II: 875, 5810  
 BYRD CL: 6181  
 BYRNE GE JR: 3179  
 BYSHEVSKII ASH: 876  
 BYSHEVSKII ASH: 3052, 4246-4247  
 BYSTROV VF: 4-5  
 BZHEGAKOVA LP: 5987

## C

CABAN J: 877  
 CABANNE F: 3501  
 CABASSO VJ: 878  
 CABIBBO S: 879  
 CARRERA-GIL C: 6446  
 CACCHIONE E: 880  
 CACHERA JP: 881  
 CADE JP: 882, 2606  
 CADERAS DE KERLEAU J: 883  
 CADROBBI P: 500  
 CAEN J: 114, 488, 884, 963, 1051, 1353, 2549-2550, 3424, 3615, 5400, 5402, 6625  
 CAEN JP: 885-886, 3423  
 CAILLARD B: 887  
 CAILLE B: 888  
 CAIN P: 4673  
 CAIRD JD: 6990  
 CAJOLA G: 889  
 CAJOZZO A: 890  
 CALABUIG MT: 5607-5608  
 CALAMARO S: 354  
 CALARASU R: 5446  
 CALET C: 891  
 CALHOUN FJ: 5027  
 CALISSANO P: 892  
 CALL FL 2D: 893, 3804  
 CALLAGHAN JC: 1480  
 CALLAGHAN TE: 894  
 CALLAHAN CJ: 895  
 CALLENDER C: 896  
 CALLENDER ME: 5913  
 CALNAN JS: 2667-2668  
 CALVET JP: 4743  
 CALZOLARI L: 739  
 CAMERMAN N: 897  
 CAMERON BF: 898  
 CAMERON JL: 6099  
 CAMERON JS: 2442  
 CAMP FR JR: 899-901, 3906, 4523  
 CAMPANA H: 6449

CAMPBELL DH: 2633  
 CAMPBELL IM: 902  
 CAMPBELL J: 5038  
 CAMPBELL R: 2139, 3854  
 CAMPBELL RA: 991  
 CANADY WJ: 1240, 5498  
 CANAL Y: 903  
 CANALES CO: 6496  
 CANDELA F: 904  
 CANELLOS GP: 2451  
 CANFIELD CJ: 905, 4569  
 CANIZARES F: 906  
 CANIZARES C: 906  
 CANNAT A: 5799  
 CANNON DC: 907  
 CANOVA R: 908  
 CANTADORI E: 908  
 CANTARAGIU S: 3975  
 CANTO M: 950  
 CANTORE GP: 909  
 CANTU RC: 910-912  
 CAP J: 5754  
 CAPEL-EDWARDS K: 913  
 CAPET-ANTONINI FC: 914-915  
 CAPLOW M: 6732  
 CAPOVA L: 916  
 CAPOZZI A: 1232  
 CAPPELLO F: 917  
 CAPPONI E: 5140  
 CAPRA JD: 918  
 CAPRISSI LF: 5518-5521  
 CARAMIA G: 919  
 CARAPISTOLIS EG: 156  
 CARBON C: 2027  
 CARBONE PP: 2451  
 CARCASSONNE Y: 4746  
 CARDINAUD R: 920  
 CARDINI CE: 3574  
 CAREN R: 921  
 CARIGNOLA W: 922, 1990, 4842  
 CARILE L: 923  
 CARLI A: 1450  
 CARLQUIST JH: 4291  
 CARLSON LA: 5977  
 CARLSON RP: 6643  
 CARLSSON B: 3566  
 CARLSTEN A: 5180  
 CARLTON WW: 3144  
 CARMICHAEL JH: 924  
 CARNEVALI L: 4050  
 CAROLI G: 739  
 CAROLI J: 4769  
 CARON JC: 6837  
 CARPENTER FH: 6820  
 CARPENTER MA: 3298  
 CARR CW: 2978  
 CARRAS R: 1671  
 CARRAZ M: 6501-6502  
 CARRE L: 925  
 CARREA R: 926  
 CARRETERO OA: 927  
 CARRICO RJ: 928  
 CARROLL KK: 6327  
 CARROLL LA: 5477  
 CARROLL SE: 3896  
 CARROLL WR: 1144  
 CARRUTHERS M: 929-930  
 CARRY C: 931  
 CARSTAIRS KC: 7015  
 CARTER DM: 4860  
 CARTER JR: 3958  
 CARTER TL: 932  
 CARTIER P: 933  
 CARTON D: 934  
 CARTRON J: 4769  
 CARTWRIGHT B: 935-937  
 CARTWRIGHT GE: 3479  
 CARUBELLI R: 6553  
 CARUZZO C: 938  
 CARVALHO AA: 5693  
 CASAL J: 6482  
 CASASSA PM: 939  
 CASCIO G: 5123  
 CASCONA A: 940  
 CASDORPH HR: 941  
 CASELLA S: 5768  
 CASH JD: 942, 1084, 1291, 6612  
 CASOTTO A: 4636  
 CASSAU D: 943  
 CASSEN T: 944

CASSINGENA R: 945  
 CASSOU JM: 946-947  
 CASTAGNOLA L: 948  
 CASTALDI D: 1484  
 CASTALDI PA: 949, 6047  
 CASTANEDA H: 950  
 CASTANEDA-AGULLO M: 951, 1345  
 CASTELLANO F: 952  
 CASTELLI WP: 1011  
 CASTELLINO FJ: 953  
 CASTLE ME: 955  
 CASTRO C: 1991  
 CASTRO CM: 1388  
 CASTRUCCI G: 956  
 CASTRUP HJ: 1600  
 CATALA F: 957  
 CATALANO G: 837  
 CATAPANO B: 958  
 CATE JW TEN: 959-961  
 CATES MM: 2201  
 CATES RJ: 4935  
 CATHALA B: 3541  
 CATHEY MH: 2143, 7193  
 CATSIMPOOLAS N: 962  
 CATTAN A: 742  
 CATTAN D: 963  
 CATTANEO A: 964  
 CAUSSE J: 965  
 CAVALHAL S: 5693  
 CAVALLOTTI C: 966  
 CAVANAGH JB: 3493  
 CAVARD D: 4027  
 CAVINS J: 5497  
 CAWLEY MI: 967  
 CAWLEY TN: 968  
 CAWSON M: 3147  
 CAYLA J: 969  
 CAZAL P: 6714  
 CECH O: 4670  
 CECIL P: 1656  
 CECILE JP: 1882  
 CELANDER DR: 5173, 6103  
 CELIKKOL E: 5561  
 CELISVILI NV: 3254  
 CELSE T: 2328  
 CENCORA A: 2904-2905, 5109  
 CENTONZA D: 970  
 CEPPELAK V: 971  
 CEPPELLINI R: 972  
 CERIA G: 973  
 CERNETTI C: 6630  
 CERNOCH J: 1831  
 CERNY J: 6407  
 CERRINI R: 1205  
 CERUTTI G: 1221  
 CERVANTES J: 974  
 CERVEN J: 2084  
 CERVENANSKY J: 975  
 CESARI L: 5506  
 CHABAN VM: 2856  
 CHABRIER J: 4377  
 CHADENSON O: 4540  
 CHAFFEE VW: 976  
 CHAGNON A: 977  
 CHAIKEN IM: 978-979  
 CHAILA X: 1300  
 CHAILLET F: 980  
 CHAIN F: 3663  
 CHAITIN H: 981  
 CHAIK G: 676  
 CHAKRABARTI CH: 329  
 CHAKRABARTI R: 982-983, 1759  
 CHAKRABARTY AN: 1058-1059  
 CHAKRAPANI B: 984  
 CHAKRAVARTI A: 985  
 CHAKRAVARTI RN: 1578, 4147  
 CHALIFOUX A: 986  
 CHALLONER DR: 987  
 CHALMERS JA: 988  
 CHALOUPKA J: 989, 1440  
 CHAMBERS A: 4947  
 CHAMBERS DA: 5597-5598  
 CHAN DK: 990  
 CHAN JC: 991  
 CHAN VF: 992  
 CHANCE B: 1976  
 CHAND A: 993  
 CHANDER M: 5845  
 CHANDLER AB: 5898  
 CHANDON JP: 2287



# AUTHOR INDEX

CHANDRA D: 994  
 CHANDRA K: 995  
 CHANDRA SEKHAR N: 996  
 CHANDY J: 1395, 4080  
 CHANFREAU JM: 4241  
 CHANG C: 997  
 CHANG CY: 1151  
 CHANG JY: 998  
 CHANG L: 3125-3126  
 CHANG P: 999  
 CHANG TM: 1000  
 CHANY C: 486, 1883  
 CHAPALA NG: 3962  
 CHAPLIN H JR: 439, 2488  
 CHAPLYGINA ZA: 520  
 CHAPMAN K: 3740-3741  
 CHAPMAN VM: 5512  
 CHAPUIS B: 4115  
 CHAPUIS Y: 6878  
 CHARBONNIER A: 6878  
 CHARBONNIER J: 3593  
 CHARET P: 1001, 4347  
 CHARISSIADIS E: 4849  
 CHARLAS J: 1002  
 CHARLES RG: 1003  
 CHARLESWORTH D: 6684  
 CHARLIER R: 980  
 CHARM S: 1004  
 CHARM SE: 1005  
 CHARMATZ A: 3066-3067  
 CHARRIER G: 6061  
 CHART IS: 6436  
 CHASSAIGNE M: 5569  
 CHATAGNER F: 1006  
 CHATAING B: 1007, 2077  
 CHATELAIN R: 2099  
 CHATELANAT F: 2099-2100  
 CHATELIN CL: 1008  
 CHATFIELD WR: 6277  
 CHATTERJEE JB: 47  
 CHATTERJEE SN: 47  
 CHAUDHURY RR: 4147  
 CHAUDHURY S: 995  
 CHAUSSE JM: 1009  
 CHAUVEL A: 2210  
 CHAVEZ CM: 2418  
 CHAWLA JC: 1010  
 CHAWLA SC: 1532  
 CHAZALETTE JP: 2552  
 CHAZAN BI: 1011  
 CHEBANOVA NA: 7149  
 CHEBAT J: 2320  
 CHEDID L: 3518  
 CHEKNEVA NS: 4057  
 CHELLOUL N: 5121  
 CHERMODANOVA AI: 1012  
 CHEN FS: 6262  
 CHEN R: 1013, 1495  
 CHEN RW: 1014  
 CHEN T: 1015  
 CHEN TR: 5512  
 CHENOWETH D: 3784-3785  
 CHENUDET P: 3927  
 CHEPKII LP: 1016  
 CHEPUROV AK: 4013-4014  
 CHERCIU S: 472  
 CHERENKOVSKAJA IA: 6402  
 CHERET AM: 1017  
 CHERNAIA VV: 1018  
 CHERNENKO VF: 351  
 CHERNIAK NB: 1019-1020  
 CHERNICK SS: 533  
 CHERNIKOV MP: 3666  
 CHERNIKOVA LG: 5089  
 CHERNOBYL'SKAIA GD: 1021  
 CHERNOUS ES: 1022  
 CHERNOV VN: 5528  
 CHERNOVA AA: 1023  
 CHERNYAKHOVSKAYA IYU: 1024  
 CHERNYI VA: 1025  
 CHERNYKH RI: 5825  
 CHERNYSHEVA GV: 1026-1027  
 CHERNYSHEVA LN: 6398  
 CHERPEL L: 2029  
 CHERRY JD: 1028  
 CHERRY M: 2589  
 CHERVENICK PA: 6897  
 CHERVENKA CH: 1029  
 CHESNEAU AM: 1522  
 CHESSELLS JM: 1030

CHESTERMAN CN: 1031-1032  
 CHESTERMAN FC: 5496  
 CHEUNG WY: 1033-1034  
 CHEVALIER C: 4884  
 CHEVREL B: 1035-1036  
 CHEVREL JP: 1035-1036  
 CHEVREL ML: 1037  
 CHHANGANI DL: 1038  
 CHHUTTANI PN: 5965  
 CHIARADIA MO: 5828  
 CHIBA R: 2818  
 CHIBA S: 6338  
 CHIBA Y: 1039, 4805  
 CHICOT D: 4789  
 CHIELI T: 502  
 CHIEN S: 1040-1044, 1351, 2232-2233, 6609  
 CHIESA F: 4051  
 CHIFAN M: 1515  
 CHIKATSU I: 2849  
 CHIMENES H: 3333  
 CHMIELEWSKA B: 2013  
 CHIN TD: 5303  
 CHIOU WL: 1045  
 CHIPAIL A: 1046-1047  
 CHIPAIL G: 1418  
 CHIPAIL GG: 1048  
 CHISEL L: 5924  
 CHISHOLM LD: 3852  
 CHISIU N: 1555  
 CHISTIAKOV VN: 6037  
 CHISTIAKOVA VG: 1049-1050  
 CHIVOT JJ: 1051  
 CHIZEK DJ: 1052  
 CHIZHIKOV AS: 1053  
 CHMELO K: 1054  
 CHMIELEWSKI J: 1055  
 CHONG YH: 1056  
 CHOSA H: 4726  
 CHOSY L: 3946  
 CHOUHERY AK: 1057  
 CHOUHURI KK: 1058-1059  
 CHOUKROUN J: 4377  
 CHRAMBACH A: 5420  
 CHRETIEN P: 1325  
 CHRIST G: 6915  
 CHRISTENSEN LK: 1060-1061  
 CHRISTIAENS JL: 3506, 6837  
 CHRISTIAN EJ: 6123  
 CHRISTOFFERSEN P: 1062  
 CHRISTOPHE J: 3153, 6646-6647  
 CHROBAK L: 1063, 4998-4999, 6618  
 CHRUSCIEL TL: 2908  
 CHRZANOWSKA M: 1064  
 CHU R: 1122  
 CHUA GK: 1065  
 CHUCK G: 2746  
 CHUGH KS: 5965  
 CHUMAKOV FI: 1066  
 CHUMBLEY LC: 1068  
 CHUNG EB: 1069  
 CHUNG TH: 1070  
 CHUN'KOV MIA: 7180  
 CHURG J: 1549, 2248, 6736  
 CHURY Z: 2930  
 CHVAPIL M: 5602  
 CHYREK-BOROWSKA S: 1071  
 CIANCI PE: 1072  
 CIAVARELLI F: 922, 1990  
 CIBA T: 3409  
 CIOVAREK Z: 1073  
 CIEPIELEWSKA D: 1074  
 CILJI V: 956  
 CIMINERA JL: 394  
 CIMINO JE: 6140  
 CIMPEANU L: 5129  
 CINCA D: 6680  
 CINCA N: 1075  
 CINELLI JUNIOR M: 7009  
 CINQUE T: 1549  
 CIOHODARU G: 1076  
 CIRKSENA WJ: 5727  
 CITARELLA P: 890  
 CITONE G: 1077  
 CITRI N: 7203  
 CIUFFI M: 6087  
 CIVARDI F: 6393  
 CIVATTE J: 1334  
 CLAES G: 1078  
 CLARA DEL PINO M: 4362  
 CLAREBROUGH JK: 882

CLARK E: 4682  
 CLARK JL: 6147  
 CLARK LG: 4119  
 CLARK ML: 1079  
 CLARK R: 4671  
 CLARK RA: 1080  
 CLARK RL: 3896  
 CLARK WG: 1081  
 CLARK WR JR: 1062  
 CLARKE JA: 1083  
 CLARKE MB: 3023  
 CLARKSON AR: 1084-1087  
 CLARKSON B: 1088  
 CLARKSON BD: 4696  
 CLARKSON TB: 440, 3765-3766, 5568, 6870  
 CLARRIS BJ: 1892  
 CLAUSEN CR: 1089  
 CLAUSEN J: 5377-5378  
 CLAUSSE RH: 6079  
 CLAUVEL JP: 1522  
 CLAYBOURN BE: 2339  
 CLERY RE: 1090  
 CLELAND JF: 5003  
 CLEMENT JP: 3616  
 CLEMENTY J: 1091  
 CLETON FJ: 5205  
 CLIFFORD GO: 512  
 CLIFFORD JH: 4256  
 CLIFFTON EE: 557  
 CLIFT R: 823  
 CLIFT RA: 824  
 CLINK HM: 1651  
 CLODIUS L: 1092  
 CLUFF LE: 1093  
 CLYNE DH: 1094-1095  
 COAN MH: 1096  
 COATES ME: 1097  
 COATS E: 2400  
 COBURG AJ: 5957  
 COBURN JW: 1098  
 COCCO A: 3491  
 COCHRANE CG: 1099  
 COCKE TB: 1100  
 COCKETT AT: 4914  
 COCKS JR: 1101  
 COELINGH JP: 1102  
 COEN LJ: 2653  
 COEUR P: 6445  
 COFANO AR: 1103  
 COFFMAN JR: 1811  
 COGET J: 4202-4203  
 COHEN BD: 2702  
 COHEN BL: 1104  
 COHEN GH: 1105  
 COHEN GS: 5206  
 COHEN I: 1106-1107  
 COHEN JO: 1108  
 COHEN M: 307  
 COHEN MA: 1109  
 COHEN O: 4219  
 COHEN P: 1110-1112  
 COHEN S: 1771  
 COHEN SM: 1687  
 COHEN SN: 2368  
 COHN RB: 3806  
 COHNEN G: 1113, 4826  
 COHON MS: 1871  
 COHRS U: 1114  
 COJOCARU L: 4026  
 COLANDREA MA: 1909  
 COLBURN RW: 4454-4455  
 COLE D: 6974  
 COLE RD: 860  
 COLE SA: 5944  
 COLEMAN M: 679-680, 6089  
 COLEMAN MP: 1115  
 COLES M: 1116  
 COLETTI-PREVIERO MA: 1117  
 COLITA A: 5129  
 COLLIER HO: 1118-1119  
 COLLINS HA: 3168  
 COLLINS JA: 1120  
 COLLINS RD: 2481, 2696-2697  
 COLLINS Z: 1121  
 COLLOMB H: 1194  
 COLLOT D: 5327  
 COLMAN R: 3107  
 COLMAN RF: 1122  
 COLMAN RW: 1123-1125, 5022, 5072, 6425  
 COLOBERT L: 501



# AUTHOR INDEX

COLOMB D: 1126-1127  
 COLOMBANI J: 1128-1130, 1298, 3793  
 COLOMBANI M: 1128-1130  
 COLOMBI A: 1131  
 COLOMBIES P: 2269  
 COLOMBO I: 1132  
 COLOT M: 980  
 COLTMAN CA JR: 1545  
 COLUCCI DF: 348  
 COMBEN N: 1133  
 COMBOURIEU M: 1134  
 COMBRE A: 1135  
 COMBRIDGE BS: 3888  
 COMBRISON A: 5589  
 COMBY F: 1136, 2005  
 COMERCI GD: 1028  
 COMINGS DE: 1137  
 COMNINOS AC: 1138  
 COMSTOCK JP: 1139  
 COMTE P: 5642  
 CONARD J: 1183  
 CONCONI F: 3828  
 CONKLIN EF: 2056  
 CONNELLAN JM: 1140  
 CONNEY AH: 1141, 6903  
 CONNING DM: 1997  
 CONNOLLY JE: 5828, 6793, 7079  
 CONNOR HD: 1288  
 CONNOR WE: 200  
 CONRAD HE: 5901  
 CONRAD ME: 1372, 1437, 2000  
 CONSTANT J: 1142  
 CONSTANTINI R: 1143, 2671-2672  
 CONSTANTOPOULOS G: 1144  
 CONSTANTOULAKIS M: 1145  
 CONTE M: 5509  
 CONTI CR: 5072  
 CONWAY JJ: 1146  
 CONWAY MM: 1147  
 CONWAY N: 929  
 COOK CC: 2987  
 COOK ES: 6535  
 COOK GM: 118  
 COOK JH: 120  
 COOK PJ: 2772  
 COOKE WT: 6294  
 COOLEY DA: 2363-2364, 5946  
 COON WW: 1148-1149  
 COONEY DA: 4389  
 COONEY DF: 1456  
 COOPER B: 1151  
 COOPER BA: 1150  
 COOPER GR: 7192  
 COOPER GW: 1151  
 COOPER I: 1473  
 COOPER IA: 1152  
 COOPER JH: 1153  
 COOPER PD: 1154  
 COOPER RA: 1155  
 COOPER RG: 1156, 3017  
 COOPER WC: 5319  
 COOPERBAND SR: 2222  
 COORLAND AT: 1157-1158  
 COOREY PF: 3707  
 COPELAND ES: 1159-1161  
 COPEMAN PW: 1162  
 COPINSCHI G: 6691  
 COPLEY AL: 1163-1165  
 COPPI G: 1166  
 COPPI M: 4899  
 CORAN AG: 668, 1167-1168  
 CORATELLI P: 133  
 CORBO L: 921  
 CORBY DG: 1169  
 CORCORAN RJ: 2747  
 CORDELL AR: 6139  
 CORDIANO C: 6672-6674  
 CORDONNIER D: 1170, 4430-4431  
 CORDONNIER JJ: 1952  
 CORFIELD MC: 1171  
 CORMIER JM: 1172-1173  
 CORNELI O: 1174  
 CORNELIUS EA: 4938  
 CORNELL CN: 1156, 3017  
 CORNELL SH: 1175  
 CORNEY PL: 1176  
 CORNISH HH: 1270  
 CORNU P: 1177  
 CORONEL: 1178  
 CORONEL-BECERRA JG: 1530

CORRAN PH: 1179  
 CORREA SABOGAL H: 4532  
 CORRIGAN JJ JR: 1180-1182, 2143  
 CORSE J: 6960  
 CORVESE WP: 6362  
 COSCAS G: 1183  
 COSMA A: 1184  
 COSSEL L: 1185  
 COSTA BC DA: 4588  
 COSTA OJ: 4740  
 COSTA JUNIOR DM: 3750  
 COSTAGLIOLA M: 3503  
 COSTANTINO D: 1355  
 COSTESCU M: 4920  
 COTTAFAVA F: 4370  
 COTTE J: 2552  
 COTTE MF: 510  
 COUCH JR: 3549  
 COUDERC P: 1186, 4430  
 COUDERT M: 5304  
 COUDERT P: 5304  
 COUNTCHANSKY Y: 1187  
 COUPIER J: 1188  
 COURBIER R: 1189-1192  
 COUROUCE-PAUTY AM: 1193, 6061  
 COUROUCE-PAUTY AM: 6063  
 COURSON B: 1194  
 COURTNEY LD: 1195-1196  
 COUSIN J: 1882  
 COUSSONS RT: 2392, 3890  
 COUTURE RA: 5286  
 COVALIU E: 3975  
 COVELLI VH: 4638  
 COWAN DH: 2599  
 COWAN WK: 1197  
 COWIE AG: 6927  
 COWIE DH: 1198  
 COWLEY RA: 246-247, 1199  
 COWMAN RA: 6918  
 COX AC: 1200, 3983  
 COX FC: 4460  
 COX GB: 1201  
 COX WA: 2374  
 CRAANDYK A: 4818  
 CRABLE JV: 4553  
 CRAENEN J: 3322  
 CRAFTON CG: 1438  
 CRAM RW: 3551  
 CRAMER F: 1202  
 CRANCE JP: 6703  
 CRANLEY JJ: 1203-1204  
 CRASTES DE PAULET P: 2929  
 CRASTES DE PAULET A: 2929  
 CRAVERI A: 1205, 3985  
 CRAWFORD JR SD: 1206  
 CRAWFORD JS: 1236, 2384  
 CRAWFORD MA: 1207  
 CREASER EH: 1257  
 CREGER WP: 1914  
 CREMIN BJ: 1208  
 CREMONI L: 1209  
 CREMONINI GP: 1724  
 CRESPIR SR: 1210  
 CRESSWELL P: 1211  
 CREUTZFELDT W: 1212, 3090  
 CREVELD S VAN: 1213-1215  
 CREWITHER WG: 3908  
 CRICHTON RR: 1216  
 CRISNIC I: 5131  
 CRISTEA E: 278-279  
 CRISTODORESCU R: 2010  
 CROCCOL L: 1217  
 CROCKER DW: 1167  
 CROFT CB: 6378  
 CROFT DN: 1218  
 CROIZAT B: 1219  
 CROIZAT P: 6445  
 CROLE G: 1220-1222  
 CROBERG S: 884, 1223, 3424  
 CRONIN TD: 1224  
 CROS S: 1225  
 CROSBIE J: 1372  
 CROSBY EF: 706  
 CROSBY AL: 665  
 CROSS FH: 775  
 CROSS RA: 4544  
 CROSSLAND JD: 1226  
 CROSSWHITE L: 1718  
 CROVETTI AJ: 1687  
 CROW H: 4282

CROZIER D: 1372  
 CRUMBLY AJ: 2205  
 CRUSE V: 3887  
 CRUTCHFIELD G: 2223  
 CRUZ I DA: 4157  
 CRUZ T: 951  
 CRUZ FILHO A: 1227  
 CSABA G: 1228-1230  
 CSAVOSSY I: 3897  
 CSEJTEY J: 1623-1625  
 CSILLIK B: 2977  
 CUATRECASAS P: 1231  
 CUBERTAFOND P: 1322  
 CUBESI G: 1232  
 CUCU F: 1233  
 CUCUIANU M: 5130  
 CUCURUZ L: 856  
 CUETO C JR: 2452  
 CUGINI A: 939  
 CUKIER J: 1234  
 CULLEN RA: 3350  
 CULP LA: 1235  
 CULVER D: 1236  
 CUMMING WJ: 1237  
 CUNHA JC: 3691  
 CUNHA JE DA: 3691  
 CUNHA M DE A: 1981  
 CUNLIFFE WJ: 1238, 4184-4187  
 CUNNINGHAM DS: 1239  
 CUONG TC: 1603  
 CUPPAGE FE: 5303  
 CUPPETT CC: 1240, 5498  
 CURIEL D: 399  
 CURIEL DC: 400-401  
 CURRIE RA: 1995  
 CURRIN DR: 1241  
 CURTH HO: 1242  
 CURTIN VT: 2596  
 CURTIS GW: 495  
 CURTIS JR: 1243  
 CURTONI E: 844  
 CUTCUDACHE C: 1244  
 CUTHBERTSON D: 1245  
 CUTLER R: 2811  
 CUTRONEO KR: 1246  
 CYBULSKA J: 1247-1248, 3721  
 CZECH MP: 1249  
 CZECHOWSKA Z: 5514  
 CZEKALA Z: 4654  
 CZERWINSKA I: 6323  
 CZESTOCHOWSKA E: 1250  
 CZUCZOR H: 6675  
 CZYZEWSKI K JR: 6060

## D

DAABIS N: 1251, 3152  
 DAB I: 1252  
 D'ABRERA VS: 3263  
 DABSKA M: 1253  
 DACIE JV: 718, 836, 1254  
 DACIEWICZ Z: 298, 1255  
 DA COSTA JL: 1256  
 DADAY H: 1257  
 DAGGETT WM: 1258  
 D'AGOSTINHO ML: 3532  
 DAHLE HK: 1259-1260  
 DAHLHEIM H: 1261, 2211  
 DAHLQVIST A: 4628  
 DAIKHES AI: 1262  
 DAILY PA: 1263  
 DAJANI RM: 1090  
 DALAL KB: 1624-1625  
 D'ALBIS A: 1264-1265  
 DALDERUP LM: 1266  
 DALE WA: 1267  
 DALFERES ER JR: 6095  
 DALINKA MK: 5459  
 DAL PRATO C: 4636  
 DAM CP: 1268, 3131  
 D'AMARO J: 1269  
 DAMBRAUSKAS T: 1270  
 DAMESHEK W: 5443  
 DAMSKER IS: 1271  
 DAMUS PS: 4011  
 DANDER B: 6075  
 DANDEU JP: 1272  
 DANE-MOORE L: 1273  
 DANEZIS J: 1274  
 DANIEL DG: 1275



# AUTHOR INDEX

DANIEL VW 3D: 1276  
 DANIEL-MOUSSARD H: 3593  
 DANILEVICH GV: 1587  
 DANILIN II: 2858  
 DANILOV IP: 831, 1277, 1802  
 DANILOVA TN: 1278  
 DANIS P: 6492  
 DANJO Y: 3077  
 DANNENBERG MA: 1751  
 DANNHEIM R: 1279  
 D'ANNUNZIO E: 1734  
 DANO K: 4614  
 DANON D: 7111  
 DANSETTE PM: 3602  
 DANTA G: 1280-1281  
 DAO C: 1334  
 DAUD AS: 6449  
 DA PRADA M: 1282-1283  
 D'ARCA SU: 1284  
 DARDENNE M: 286-287  
 DARDENNE P: 1002  
 DAREWICZ J: 534  
 DARLINGTON AJ: 5619  
 DARNBOROUGH J: 1285  
 D'ARRIGO C: 1286  
 DAS BR: 1287  
 DAS KC: 2891  
 DAS MR: 1288  
 DAS PC: 1289-1291  
 DAS SK: 5969  
 DAS GUPTA A: 1292  
 DASGUPTA BN: 2679  
 DASHKEVICH VD: 1544  
 DASHTAIANTS GA: 1293  
 DASTUGUE G: 1294  
 DASZYNSKI J: 1295  
 DASZYNSKI J: 5514  
 DATE M: 1944  
 DATKO LJ: 5468  
 DATTA RK: 1296-1297  
 DAUBER LG: 5882-5883  
 DAUGHERTY HK: 4425  
 DAUSSET J: 1128-1130, 1298, 3793  
 DAUTREVAUX M: 1299-1300, 2393, 5637  
 DAVE ML: 5624  
 DAVER J: 1301-1303, 1603  
 DAVER M: 1603  
 DAVEY MC: 6838  
 DAVID JR: 5418-5419  
 DAVID M: 1906  
 DAVIDOFF SM: 1304  
 DAVIDSON DT: 6258  
 DAVIDSON E: 6896  
 DAVIDSON JF: 3507  
 DAVIDSON SB: 4256  
 DAVIDSON TM: 4011  
 DAVIES DA: 1128  
 DAVIES DR: 1105  
 DAVIES DS: 732  
 DAVIES ER: 1305  
 DAVIES MC: 348  
 DAVIES MJ: 7016  
 DAVIES P: 4577  
 DAVIES PP: 1306  
 DAVILA G: 951, 1345, 1695  
 DAVIS C: 6623  
 DAVIS DO: 1307  
 DAVIS JG: 7112  
 DAVIS JM: 4454-4455  
 DAVIS JT JR: 2418  
 DAVIS JW: 1308, 4269  
 DAVIS PC: 878  
 DAVIS RB: 6934  
 DAVIS RD: 1309  
 DAVIS T: 1666  
 DAVIS WJ: 1623  
 DAVYDOV VA: 1310  
 DAW E: 1311  
 DAW AR: 1312  
 DAWSON AA: 1314-1315, 4706  
 DAWSON DW: 6372  
 DAWSON JL: 5269  
 DAWSON LE: 1316  
 DAWSON RB JR: 1317-1318  
 DAY AJ: 1319  
 DAY HJ: 1320, 2659-2662, 4627  
 DAY PL: 1321  
 DAZZI L: 7123  
 DBJAY H: 1322

DEAC R: 2822  
 DEAN B: 372  
 DEAN HM: 6324  
 DE BAKEY ME: 405  
 DEBBAS E: 4500  
 DEBBAS EG: 2325  
 DE BENEDETTI H: 1323  
 DE BENEDICTIS G: 133  
 DE BIASI R: 1324  
 DEBLANC HJ JR: 1325  
 DE BLASIO G: 5848-5849  
 DEBNATH B: 4530  
 DEBRAY-SACHS M: 175  
 DE BRITO T: 1326  
 DEBRU JL: 4431  
 DEBUSMANN JR: 4826, 5715  
 DE CATALDO F: 1327  
 DECHAUME M: 1328  
 DECHAVANNE M: 1329  
 DECKER JL: 4989  
 DE CLERCQ E: 1330  
 DE CRISTOFORO A: 970  
 DEDICHEN J: 1332  
 DEENEN LL VAN: 4028  
 DE FALCO RJ: 1333  
 DEFENDI V: 2490  
 DEGANI Y: 6069  
 DEGANI-BERNARD O: 1128  
 DEGGELER K: 2572  
 DEGIOVANNI E: 5495  
 DEGOS R: 1334  
 DEGROOT LJ: 4684  
 DE GROOT WP: 6912  
 DE GRUCHY GC: 1474  
 DEGUCCI T: 6794  
 DEHNER LP: 1335  
 DEHORNE M: 730, 2291  
 DEI T: 6534  
 DEISS A: 1336, 3479  
 DEISS WP JR: 4935  
 DEISSEROTH A: 1337-1338  
 DE JONGH DS: 5900  
 DEKABAN AS: 1144  
 DEKEGEL D: 2399  
 DELAAGE M: 6724  
 DELAGE J: 4335  
 DELAGE JM: 2948  
 DEL AGUILA HOYOS L: 2284  
 DELAROUSSE J: 3506  
 DELAIRE J: 1339  
 DELANGE F: 4814  
 DELANGE RJ: 1340-1342  
 DE LA PARRA DA: 4239  
 DE LA PAZ A: 1897  
 DELARUE J: 1343  
 DELBECQUE H: 6831  
 DELBEKE MJ: 934  
 DEL BIANCO PL: 5916  
 DEL CAMPO A: 1344  
 DEL CASTILLO LM: 951, 1345  
 DELECOUR M: 2715  
 DE LEON C: 906  
 DELHAES P: 1346  
 DELIN A: 1347  
 DELIVORIA-PAPADOPOULOS M: 6258  
 DELLACHA JM: 1348  
 DELLA CORTE E: 1349  
 DELLA ROCCA L: 922  
 DELLA ROCCA RC: 707  
 DELLA VALLE A: 1350  
 DELLENBACK RJ: 1043-1044, 1351  
 DELMAS-MARSALET Y: 1352  
 DELOBEL J: 488-489, 886, 1353  
 DELOBELLE-DEROIDE A: 6837  
 DELORME ML: 3333  
 DELORT-LAVAL J: 1354  
 DEL PINO MC: 4363  
 DEL PRETE S: 1355  
 DELTOUR G: 980  
 DELUCA S: 5929  
 DE LUCCA C: 777  
 DEL VALLE UE: 2217  
 DEMAILLE J: 1356  
 DEMAILLY P: 1357  
 DEMALDENT JE: 22  
 DEMANGE J: 1358-1359  
 DEMANT F: 1360  
 DEMIRIAN H: 4920  
 DEMOS J: 1361  
 DEMPSEY EF: 1362

DEMPSEY EW: 1363  
 DEMPSEY ME: 5389  
 DEMPSTER AP: 5597  
 DENDUCHIS B: 1364, 3116  
 DENEV B: 1365  
 DENHAUT G: 1007  
 DENMAL C: 1366  
 DENK H: 1367  
 DENK R: 1368-1369  
 DENMAN AM: 1370  
 DENMAN EJ: 1370  
 DENNERT G: 1371  
 DENNIS J: 5697  
 DENNIS LH: 1372, 2000  
 DENNISON WM: 1373  
 DENSON KW: 1374-1375  
 DENTON RL: 1376, 2198  
 DENUCE JM: 1377  
 DE OCA HM: 1428  
 DEPALMA RG: 1378-1379  
 DEPERNET D: 1051  
 DEPOWSKI M: 3426  
 DEPRAITERE R: 6505  
 DEPTALLA H: 6945  
 DEPUYDT F: 2399  
 DER TERROSSIAN E: 1380  
 DERBENEVA TN: 3352  
 DERECHIN M: 1381  
 D'EREDITA F: 890  
 DERKACH EM: 1382  
 DERKSEN A: 1110-1111  
 DERN RJ: 1383  
 DERRICK JB: 1384  
 DESAI AJ: 1385  
 DE SANTIS L: 735  
 DESCHAMPS J: 6226  
 DE SCHRIJVER F: 934  
 DESFORGES J: 5543  
 DESFORGES JF: 6324  
 DESHPANDE CK: 5835  
 DESLANDRES A: 3518  
 DESMOND J: 1386  
 DESNICK RJ: 3992  
 DESNUELLE P: 4028  
 DESOILLE H: 1387  
 DE SOLDATI L: 1388  
 DESORGER G: 1882  
 DESPONS J: 1389  
 DESPRES P: 5824  
 DES PREZ RM: 4024  
 DE TAKATS G: 1390  
 DETOMA F: 1391  
 DETRIE P: 1392-1393  
 DETWEILER DK: 3818  
 DETWILER TC: 1394, 7165  
 DEUBELBEISS K: 2099-2100  
 DEUKMEDJIAN AG: 6876  
 DEUTSCH HF: 928  
 DEVADIGA KV: 1395  
 DE VECCHI A: 1396  
 DE VENECIA G: 1397  
 DEVENUTO F: 1398  
 DEVENUTO F: 1399  
 DEVI CS: 1400-1401  
 DEVI KS: 1402  
 DEVI PE: 4147  
 DEVI SL: 1401  
 DEVIC G: 1403  
 DEVIN R: 1172  
 DEVLIN HB: 1404  
 DEVLIN JG: 6442  
 DE VOS CJ: 652  
 DE VRIENDT D: 2477  
 DE VRIES A: 1106  
 DE VRIES A: 1107  
 DE VRIES A: 2266, 3887  
 DEVRIES AL: 1405  
 DE VRIES GM: 1406, 5053  
 DEVRIES WC: 1407  
 DEWAR HA: 1238, 4183, 4185-4186, 4188, 4190-4192  
 DEWEESE JA: 6072  
 DEWEHURST SA: 1408  
 DEYKIN D: 1409-1414  
 DEYL Z: 1415  
 DE YOUNG DV: 4259  
 DEZOETEN GA: 1416  
 DHALA SA: 1385  
 DHALL DP: 3516  
 DHALL SR: 1578  
 DHINGRA HK: 5037



# AUTHOR INDEX

DHINGRA LD: 1417  
 DHONDT F: 934  
 DIACONESCU I: 5127  
 DIACONESCU M: 1048, 1418  
 DIACONESCU V: 5924  
 D'IAKOV VL: 475  
 DIALAMEH GH: 1419  
 DIAMENT J: 1444  
 DIANZANI F: 543  
 DIAZ-DEVIS C: 4840  
 DICAMELLI RF: 1420  
 DI CARLO V: 6117  
 DI CHIRO G: 1498  
 DICK DA: 1421  
 DICK EG: 1421  
 DICKERSON RE: 1422  
 DIDDAMS JA: 291  
 DIDISHEIM P: 695, 1423-1424, 1580, 3110, 4138, 4820  
 DIDON D: 3613  
 DIEBOLD J: 1343  
 DIFENBACH WC: 352  
 DIEGENBACH PC: 3378  
 DIEHL K: 2577  
 DIEKER P: 5751  
 DIERSSEN GERVAS G: 4963  
 DIETEL K: 1425  
 DIETER RA JR: 1426  
 DIETMANN K: 5665  
 DIETRICH CP: 1427-1428, 3055  
 DIETRICH P: 4069  
 DIETRICK W: 6793  
 DIETZ M: 5015, 5017  
 DIETZ MW: 1429  
 DIETZ O: 3222  
 DIEWITZ M: 1430  
 DI GIROLAMO R: 5227  
 DI GRAZIA G: 1431  
 DIKE AE: 1432  
 DIKOW AL: 1433-1434  
 DILLARD BM: 1435-1436  
 DILLINGHAM LA: 6207  
 DILON DE: 1437  
 DILUZIO NR: 1438  
 DI LUZIO V: 5181  
 DI MARIA G: 4743  
 DI MARTINO M: 1284  
 DIMICK K: 3631  
 DIMICK ML: 2462  
 DIMITRIJEVIC A: 6778  
 DIMITRIU O: 1076  
 DIMITROV DIA: 1439  
 DIN FU: 1440  
 DINCA C: 5127  
 DINEEN JL: 5206  
 DINESCU G: 5446  
 DINI E: 5227  
 DINSTL K: 1441  
 DINTENFASS L: 1442-1443  
 DINTZIS H: 6967  
 DINTZIS HM: 2810  
 DINU M: 216  
 DIOGO GIANNINI S: 1444  
 DIONIGI R: 1445  
 DI PERRI T: 1446-1450  
 DI PIERRO A: 1451  
 DIRKX J: 2399  
 DI ROSA M: 1452  
 DIRSCHINGER J: 2574  
 DISCOMBE C: 1701  
 DITENFASS L: 1453  
 DI TORO R: 6206  
 DIXIT PK: 1454  
 DIXON FJ: 5907, 5957, 6113  
 DIXON GH: 2941, 3711, 4060, 6950  
 DIXON JW: 1455  
 DIXON RL: 2845  
 DIZADJI H: 1456  
 DJERASSI I: 5497  
 DJIANE P: 669  
 DJINDJIAN R: 1457  
 DJINDJIAN R: 1458-1459  
 DJOJOSUGITO AM: 1460  
 DJUKIC D: 1461  
 DJUKNIC V: 1461  
 DJURIC M: 1462  
 DLOUHA V: 4028  
 DMITRENKO VV: 1463  
 DO-PHUOC-HIEN: 866  
 DOBARDZIC R: 5630

DOBBS JV: 5473  
 DOBBS RH: 2360  
 DOBIASOVA M: 1464  
 DOBLER J: 507  
 DOBRETsov GE: 318  
 DOBRONRAVOVA NP: 1465  
 DOBROWOLSKI J: 1466  
 DOBRY E: 1467  
 DOBRY E: 1468  
 DOBRY E: 1469  
 DOBRYSZYCKA W: 1470  
 DOCEVA IUV: 3443  
 DODDS WJ: 1471  
 DODERLEIN G: 1472  
 DODGSON KS: 1713  
 DOE RP: 564  
 DOERR F: 5016  
 DOERY JC: 1473-1474  
 DOGLIA M: 1355  
 DOGNON A: 1475  
 DOHAN FC JR: 1476  
 DOHM GL: 1477  
 DOHMEN M: 5134-5135  
 DOHMEN RS: 927  
 DOI E: 1478  
 DOI M: 4729  
 DOI RH: 4240  
 DOI Y: 4375, 6260  
 DOKERT B: 1479  
 DOKUSOVA OK: 5971  
 DOLAN AM: 1480  
 DOLCHER G: 3343  
 DOLL W: 1481  
 DOLLY JO: 1482  
 DOLOVICH J: 1483  
 DOMANIG E JR: 1828  
 DOMANIK RA: 3784  
 DOMELLOF L: 455  
 DOMENELLA G: 1484  
 DOMMERGUES JP: 1485  
 DOMSCHKE W: 1486-1489  
 DONALDSON M: 3822  
 DONALDSON MH: 3297, 6961  
 DONATI MB: 134, 1490  
 DONCIEUX D: 1491  
 DONDERS PC: 1492  
 DONG E JR: 6192  
 DONK H VAN: 1215  
 DONNER L: 1493-1494  
 DOOHN DJ: 1  
 DOOLITTLE RF: 1013, 1495-1496, 4415  
 DOOREN MM VAN: 960  
 DOPORTO JM: 1497  
 DOPPMAN JL: 1498, 4989  
 DORAN FS: 1499  
 DORANTES L: 1345  
 DORDEVIC BS: 1500  
 DORE E: 1235  
 DORER FE: 1501, 5979  
 DORIA G: 2184, 4143  
 DORMANDY KM: 1502  
 DORMONT J: 286  
 DORNER I: 2488  
 DORNOY G: 5032  
 DOROFEEVA RP: 1503  
 DOROFTEIU M: 289  
 DOROSZKIEWICZ H: 42  
 DORRELL J: 6477  
 DORRINGTON WARD P: 174  
 DORSIT G: 1504  
 DOSCHERHOLMEN A: 5942-5943  
 DOSIAK J: 4654  
 DOSIK H: 1505  
 DOSZPOD J: 1506  
 DOTY DB: 1507-1508, 4394-4395  
 DOUGHERTY WJ: 1509  
 DOUGLAS AS: 650-651, 2453, 5176  
 DOUGLAS JF: 477  
 DOUGLAS RG JR: 405  
 DOUGLAS RJ: 5812-5813  
 DOUGLAS SD: 2743  
 DOUGLAS WH: 1510  
 DOUNCE AL: 1511  
 DOVE JT: 6863  
 DOVENBARGER WV: 5392  
 DOVEY T: 1974  
 DOVGAEV SI: 831, 1802  
 DOWELL VR: 4403  
 DOWER JC: 725  
 DOWHAN W JR: 1512

DOWNIE JC: 1513  
 DOYEN A: 6053  
 DOYLE JT: 1514  
 DRACHMANN O: 72  
 DRAGOMIR D: 1515  
 DRAGOMIR N: 1516  
 DRAGOMIRESCU L: 856  
 DRAGOMIRESCU M: 856-859  
 DRAGOKOUPILOVA H: 4998  
 DRATMAN MB: 1517  
 DRAY S: 437-438  
 DRKOVA S: 1518  
 DRELL W: 2971  
 DRESCHER KH: 1519  
 DREVINA AI: 1520  
 DREYER MS: 1521  
 DREYFUS B: 1522  
 DREYFUS JC: 4221  
 DREYFUS-BRISAC C: 4345  
 DREYFUSS F: 7111  
 DRINKER PA: 371  
 DRISCOLL GA: 1864  
 DROBINTSEVA IV: 1523  
 DROBNIC L: 4879  
 DROZD J: 619  
 DROZDOV DD: 1524  
 DROZDZ H: 1525-1526  
 DRUET P: 349, 1806  
 DRUMMOND KN: 3897  
 DRUMMOND MC: 4331  
 DRURY M: 1499  
 DRUZHININA VS: 1527  
 D'SOUZA CR: 1528  
 DU JN: 1529  
 DUARTE-CONTRERAS A: 1530  
 DUBA C: 5759  
 DUBAKINA LN: 1538  
 DUBARRY JJ: 1531  
 DUBE B: 1532  
 DUBECQ JP: 3927-3928  
 DUBIAGA AN: 1533  
 DUBILEI VV: 1534  
 DUBOIS J: 4241  
 DUBOIS MP: 1535  
 DUBOIS-POULSEN A: 1536  
 DUBOST C: 861  
 DUBOVI EJ: 1537  
 DUBOVSKII VG: 1538  
 DUBROVINA NA: 123  
 DUBROVSKII RA: 3484  
 DUCA E: 1539  
 DUCAS J: 6226  
 DUCHOSAL PW: 653  
 DUCK HJ: 1540  
 DUCKER TB: 1541  
 DUCKERT F: 794, 1542  
 DUCLA SOARES A: 4887-4888  
 DUCLA-SOARES A: 4889  
 DUCLOUX G: 6831  
 DUCOS J: 1543, 2269  
 DUCROT E: 3039  
 DUDECK E: 5017  
 DUDECK J: 2073  
 DUDKO NE: 1544  
 DUDLEY FJ: 1355  
 DUDLEY GM 3D: 1545  
 DUELLO TJ: 1546  
 DUFAULT C: 1547  
 DUFFEY PH: 1548  
 DUFFY JL: 1549  
 DUFFY P: 1593  
 DUFOUR H: 1186  
 DUFOUR R: 1973  
 DUGAS H: 1550, 3048  
 DUGGAN PF: 1551  
 DUGUID WP: 2774  
 DUHAMEL G: 1552, 2283  
 DULAU E: 5138  
 DULOCK MA: 1553  
 DUMA D: 1554  
 DUMAS M: 1194  
 DUMINY F: 514  
 DUMITRESCU C: 1555-1556  
 DUMITRU M: 2029  
 DUMONT A: 3624  
 DUMONT AE: 1557  
 DUMONT M: 1558  
 DUMPE EP: 1559, 3592  
 DUNBAR JS: 1560  
 DUNCAN AE: 394



# AUTHOR INDEX

DUNCAN CL: 1561  
DUNCAN JC: 1562  
DUNLAP D: 2494  
DUNLAP EA: 1563-1564  
DUNLAP RC: 1565  
DUNN M: 1563-1564  
DUNN PM: 1566  
DUNNIGAN J: 1567  
DUNNOYER J: 1322  
DUNSFORD I: 1285  
DUNSKER SB: 1568  
DUPARC J: 1569  
DU PASQUIER JP: 1302  
DUPERIE MJ: 1570  
DUPLAY H: 1571  
DUPONT A: 2715, 6831  
DUPONT B: 1572  
DUPRE A: 1573  
DUPUY JM: 4961  
DURAN M: 6059  
DURAND G: 883, 5042  
DURANTON H: 5327  
DURE L 3D: 2791  
DURFEE MF: 5907  
DURIE MD: 1574  
DURIX A: 6502  
DURLACH J: 1575  
DUS K: 1576  
DUTHIE RB: 6125  
DUTT AK: 1577  
DUTTA D: 1578  
DUTTA GP: 2800, 3034  
DUTU A: 1579  
DUTZ W: 2512  
DUVAL DL: 1580  
DUZHA MI: 3027  
DVILANSKY A: 1581  
DVORSZKY K: 1582  
DYBKAER R: 2017  
DYGERT M: 3355  
DYGIN VP: 5976  
DYK T: 1583  
DYKES JR: 769  
DYRUD OK: 750  
DYSZYLAUBE B: 1584  
DZIEWIATKOWSKI DD: 1585  
DZIEWOLSKA M: 1586  
DZIOBKOWSKI C: 348  
DZIZINSKII AA: 1587, 3112

## E

EALES L: 1588  
EAPEN R: 6667  
EARL CJ: 6296  
EARLE KM: 5068  
EASTHAM RD: 1589-1591  
EASTRIDGE CE: 231  
EATON RP: 1592  
EBATA Y: 4381  
EBBE S: 1593-1594  
EBERT W: 1595  
ECKERT CL: 6525  
ECKHAUS AS: 3325  
ECKMAN TR: 2228  
ECKSTEIN HB: 1596  
ECTORS L: 1597  
EDATTEL R: 5781  
EDDS GT: 976  
EDELMAN CM JR: 1598  
EDENS FW: 1599  
EDER M: 1600, 3596  
EDGERTON VR: 1601  
EDMARK KW: 1602, 4269  
EDMOND E: 1303, 1603  
EDMONDS RH: 1604  
EDSALL G: 6919  
EDSON JR: 6484  
EDSON R: 2546  
EDWARDS JE: 5581, 5755  
EDWARDS LD: 1605  
EDWARDS WA: 4416  
EDWARDS WH: 1606  
EFIMOV VS: 3510-3511  
EFIMOV WS: 4201  
EFREMOV GD: 2752  
EFTEKHARI H: 204  
EGAMI F: 196  
EGAWA K: 1607  
EGBERG N: 1608

EGBRING R: 155, 1609  
EGEBERG O: 1610-1611  
EGEBLAD K: 503, 1612  
EGGENA P: 5944  
EGGERTH G: 1613  
EGLI F: 5750  
EGLI H: 155, 419, 1609, 1692, 2041, 4873, 5134-5136  
EGOROV NS: 1614  
EGOROV VG: 1609  
EGOROV VI: 1769  
EGUSA K: 1615  
EHLERS CT: 1616  
EHLERS N: 505  
EHRHARDT G: 2043  
EHRINGER H: 1617  
EHRLY AM: 1618  
EICHLEER J: 1619-1620  
EIDSON CS: 6841  
EIGLER FW: 1621, 3400, 6195  
EILERS RJ: 1622  
EINSTEIN ER: 1623-1625  
EISEL R: 2216  
EISEMAN B: 3123-3124, 6840  
EISEN AA: 4640  
EISEN AZ: 1626-1627, 5037  
EISEN V: 1628  
EISENBERG D: 1422  
EISENBERG E: 1629  
EISENSTADT JM: 4878  
EISENSTEIN R: 1630, 5465  
EISINGER J: 1631  
EK N: 1632  
EKELUND H: 1633-1635  
EKERT H: 553, 1636-1639, 5871  
EKERT WD: 5788  
EKFORS TO: 2682-2683  
EKHOLM R: 723, 4739  
EKIERT M: 3726  
EKLOF B: 1640  
ELASHOFF RM: 757  
ELBERS C: 2016  
ELDEFRAWI ME: 4683  
ELDER MG: 2354  
ELEFANT E: 1641  
ELEFF MG: 991  
ELETSKAIA OI: 3421  
ELFENBAUM A: 1642  
ELG P: 2380  
ELGEKILINT G: 1643  
ELIAS A: 1129  
ELIASSON R: 1644  
ELIHAN LN: 5097  
ELIJOVICH F: 4931  
ELINEK I: 1468  
ELINOV NP: 7114-7118  
ELISEEV NT: 1645  
ELISEEVA AP: 1645  
ELISKA O: 1646  
ELISKOVA M: 1646  
ELKADI A: 2364  
ELKERBOUT F: 5205  
ELLEFSON RD: 5941  
ELLEMAN TC: 1647  
ELLIOTT JH: 210  
ELLIS BC: 1648  
ELLIS CM: 1649  
ELLIS FG: 2442  
ELLIS HA: 1650  
ELLIS JP: 1651  
ELLIS RA: 1510  
ELLIS TJ: 1317-1318  
ELLISON SA: 1652  
ELLMAN GL: 2622  
ELLYN G: 1426  
ELLYN M: 1426  
ELMSLIE RG: 5061, 5282  
ELODI P: 3672-3673  
ELOFSSON R: 66  
ELSAYED SM: 3  
ELZINGA M: 1653  
EMERSON WA: 1654  
EMERY RS: 7101  
EMMRICH R: 1655  
EMRICH J: 4724  
ENACHE F: 1656, 5002  
ENBERG J: 5462  
ENDEAN R: 1657  
ENDERS JF: 2253  
ENDO K: 1658, 7059

ENDO O: 3310  
ENE F: 5446  
ENERO MA: 1348  
ENEROTH CM: 1659  
ENGEL RH: 1660  
ENGELBERG H: 1661-1662  
ENGELBRECHT HL: 5561  
ENGLER J: 1663  
ENGLER WF: 303  
ENGLERT ME: 348  
ENGSTROM PF: 4042  
ENNA CD: 1664, 2454  
ENRIKES OB: 1711  
ENTICKNAP JB: 1665-1666  
ENZMANN F: 3549  
EPAND RM: 1667  
EPEL D: 1668  
EPIFANOV NS: 1669  
EPP O: 2744  
EPPS JM: 1670  
EPSSTEIN IAS: 4278  
EPSTEIN BS: 1671  
EPSTEIN JA: 1671  
EPSTEIN RB: 834, 6206  
EPSTEIN SE: 1672, 5330, 5471  
ERAMISHANTSEV AK: 1673  
ERBSLOH F: 1674  
ERCEGOVAC N: 1675  
EREMENKO SA: 5203  
ERICKSON RP: 1676  
ERICSSON LH: 6806  
ERIKSSON AW: 1730  
ERIKSSON I: 1677  
ERIKSSON M: 1678  
ERIKSSON S: 1679  
ERLANGER BF: 1680  
ERLANSON C: 1681  
ERMAN LV: 1682  
ERMICH S: 340  
ERMILOV VV: 1683  
ERMIN VN: 5912  
ERMOL'VA ZV: 1684  
ERNSTER L: 3485, 4783  
EROZDEN O: 3057  
ERRILL EW: 1685  
ERSOZ CJ: 1686  
ERSPAMER GF: 145  
ERTURK E: 1687  
ESAKI R: 5877  
ESCARTIN P: 5267  
ESCOBAR U: 5075  
ESCUDERO J: 4540  
ESNOUF MP: 1688  
ESPEY LL: 1689  
ESPINOSA E: 1690  
ESPINOSA MH: 1691  
ESSER G: 1692, 2313  
ESSIEN EM: 44  
ESTES JW: 1693  
ESTOUR E: 1694  
ESTRADA-PARRA S: 1695  
ESTRADE S: 945  
ETIENNE J: 1696, 4930  
ETIENNE M: 3536  
ETO T: 1697  
ETOH N: 2231  
ETSON D: 6118  
ETTE M: 6720  
ETTINGER MG: 4997  
EURENIUS K: 1698  
EUSEBI AJ: 6236  
EVANGELISTA BS: 1699  
EVANS A: 1700  
EVANS AR: 1701  
EVANS DA: 1702-1703  
EVANS DB: 4145  
EVANS DS: 1404  
EVANS EC: 4012  
EVANS EP: 598  
EVANS HE: 1704, 3679  
EVANS JF: 982  
EVANS MC: 4088  
EVANS R: 5269  
EVANS RE: 1263  
EVATT B: 3882  
EVATT BL: 1705  
EVDOKIMOV NM: 6217  
EVDOKIMOV VN: 1706  
EVDOSHCENKO EA: 1707  
EVENSEN SA: 1708-1709



# AUTHOR INDEX

EVERETT ED: 1710  
EVERS G: 283  
EVSEENKO LK: 1684  
EVSEENKO LS: 6899  
EVSEVA LF: 1711  
EVSIUKOVA II: 1712  
EWALS M: 2849  
EWART MR: 1713  
EWBANK RL: 1715  
EYL A: 1716  
EYLAR EH: 4796  
EYRE HJ: 1717  
EYRING EJ: 6823  
EZDINLI EZ: 1718  
EZHOVA VA: 1719  
EZUITA IA: 4482

## F

FABIAN E: 1720-1722  
FABIAN E: 3257  
FABIAN E: 6209  
FABRI ZI: 4897  
FABRIS U: 735  
FABRYOVA L: 1723  
FACCHINI G: 1724  
FACKRE D: 2999  
FACTOR A: 6897  
FADALI AM: 633, 1725, 4544  
FADALL AM: 632  
FAGERHOL MK: 1726-1733  
FAGGIOLI F: 1734  
FAGIOLO E: 3502  
FAHRNEY D: 4161  
FAILLE N: 4211  
FAIN JN: 1249, 3772  
FAINSSTEIN FE: 1735  
FAIRBAIRN AS: 31  
FAIRBANKS VF: 3110  
FAIRCLOUGH GF JR: 4214  
FAIRLEY KP: 3177  
FAIRWEATHER DV: 1196  
FAIRWELL T: 744  
FAJARDO LF: 1736  
FALASCA H: 1174  
FALCHI A: 5449  
FALES H: 2238  
FALK GA: 1737-1738  
FALK K: 1739  
FALL DJ: 3439  
FALLAT RJ: 1740  
FALOON WW: 1741  
FALOONA G: 5381  
FALSEN E: 4030  
FALUGIANI F: 4636  
FAMBROUGH DM: 1341  
FANCIULLACCI M: 5916  
FANGE R: 4601  
FARABOLLINI F: 5001  
FARAGLIA V: 1077  
FARBISZEWSKI R: 1742-1747, 7021  
FARHAT CK: 5693  
FARIA RM: 1326  
FARKAS-HIMSLEY H: 2928, 6011  
FARMAN J: 6148  
FARRELL G: 1748  
FARRELL J: 1749  
FARSHY DC: 4403  
FARSKA I: 5214  
FASMAN GD: 2229, 3861  
FASS RJ: 1750  
FESSENDEN-RADEN JM: 1751  
FASSEKE E: 1752-1753  
FATHIE K: 1754  
FAUL P: 7195  
FAURE H: 1186  
FAUST G: 4020  
FAUST PJ: 1755  
FAUST RG: 4283  
FAWCETTFJ: 1756  
FAZZINI PF: 1077  
FEARNLEY GR: 982-983, 1757-1759  
FEDENKO NN: 1760-1762  
FEDER J: 1763  
FEDER U: 6866  
FEDERMAN JL: 1764  
FEDOR I: 1857  
FEDORCAK M: 2479  
FEDOROV IUG: 3744  
FEDOROVA LI: 1765, 5851

FEDOROVA ZD: 1271, 1766  
FEENEY RE: 1405, 3895  
FEIBELMAN DN: 5296  
FEIGELSON J: 1767  
FEIGEN GA: 1768, 5168  
FEIGIN GA: 1769  
FEIN RL: 1770  
FEINGOLD N: 1298  
FEINMAN L: 1771  
FEINSTEIN DI: 1772  
FEINSTEIN G: 611, 1773  
FEKETE F: 1774  
FEKETE L: 553, 6532  
FELBERG NT: 1775  
FELDBAUM WA: 4201  
FELDMAN RG: 422  
FELDMANN H: 283  
FELIKSIK C: 4871  
FELKELOVA M: 630  
FELLETTI V: 1776  
FELSENFIELD C: 7004  
FELTEN A VON: 1777  
FELTEN A VON: 2124-2125  
FELTKAMP-VROOM TM: 738  
FELTS JM: 4503, 6922  
FENIUK EV: 1778  
FENJE P: 1779  
FENTON JW 2D: 6610  
FERGUS JN: 1780  
FERGUSON BD: 1011  
FERGUSON IA: 1781  
FERGUSON GJ: 724  
FERNANDEZ AL: 3748  
FERNANDEZ O: 265  
FERNANDEZ Y: 963  
FERNANDEZ-HERLIHY L: 1782  
FERNHOLZ HJ: 1783  
FERNICOLA AR: 1784  
FEROLDI J: 3771  
FERON JP: 4008  
FERRAMOSCA B: 1785  
FERRARA F: 68  
FERRARIS A: 6059  
FERRE V: 1879  
FERREIRA JJ: 5437  
FERRI F: 1786-1787, 5320  
FERRIS B: 4485-4486  
FERULANO O: 68  
FEUARDENT R: 1788  
FEUER B: 1631  
FEVRIER C: 255  
FEVRIER JC: 1789  
FEY F: 1790  
FIALA ES: 1791  
FIALA J: 1792-1793, 6293  
FIALA S: 1791  
FIALKO VA: 1794  
FIAT F: 6557  
FICKLIN WH: 2063  
FIDRUS EI: 1706  
FIEDLER F: 1795  
FIEDLER H: 423  
FIEDLER W: 4020  
FIEDORUK-POPLAWSKA T: 2436  
FIEHRING C: 1796  
FIELD PL: 1797  
FIELD RM: 4396  
FIELDING CJ: 1798-1799  
FIESELER ML: 1800  
FIGUEIREDO JG: 1981  
FILATOV AN: 1801-1802  
FILATOV PP: 3849  
FILIMONOV MI: 5204  
FILINKOV AF: 1803  
FILIPOWSKI M: 2013  
FILIPP G: 1804  
FILKUKA J: 1805  
FILLASTRE JP: 1806  
FILLAT M: 2552  
FILLET G: 4918  
FILLION GM: 1807  
FILTZER HS: 6923  
FINCH SC: 4964, 5206  
FINCH W: 4682  
FINE J: 5438  
FINGERHUT A: 2224  
FINGERLAND A: 5249-5250  
FINK E: 1923  
FINK G: 1808  
FINKEL RM: 5727

FINKELSTEIN AE: 1809  
FIN'KO LN: 1810  
FINLAYSON JS: 217  
FINLEY P: 4997  
FINNERTY U: 6298  
FINOCCHIO EJ: 1811  
FIORANI P: 1077  
FIRAT T: 1812-1813  
FIRKIN BG: 760, 1152  
FIRMINGER H: 247, 1199  
FISCH IR: 1814  
FISCHEL EE: 5323  
FISCHER CA: 2763  
FISCHER DB: 1815  
FISCHER EH: 613, 6220-6221, 7000  
FISCHER G: 1816-1817  
FISCHER I: 1818  
FISCHER J: 6790  
FISCHER M: 1617, 1819-1829, 3598, 5049  
FISCHER O: 5201  
FISCHER R: 731  
FISCHER U: 5815  
FISCHERMANN K: 1830  
FISER Z: 1831  
FISH AJ: 2546, 5036  
FISH JC: 6496  
FISH WW: 3983  
FISHBONE G: 2107  
FISHER B: 1832  
FISHER GF: 3896  
FISHER GW: 2374  
FISHER RD: 4996  
FISHMAN GR: 6257  
FISSORE A: 1008  
FITCH WM: 1833  
FITZ-GERALD JM: 1834  
FITZGERALD DE: 1835  
FITZGERALD PJ: 4892-4894  
FITZPATRICK J: 1836  
FITZPATRICK PJ: 1837-1839  
FLACH M: 1840  
FLAHMIG M: 5920  
FLAMAND EL: 1841  
FLAMENT J: 1842  
FLAMIGNI C: 2278  
FLANIGAN PW: 1843  
FLANNERY RC: 3656  
FLATMARK A: 1844  
FLATMARK T: 1576  
FLAXEL JT: 1845  
FLEISCHER J: 1846  
FLEISCHLI DJ: 2351, 5113  
FLEISCHMAJER R: 1847  
FLEISHER DS: 3054  
FLEISSNER E: 6166  
FLEROV EV: 6037  
FLETCHER JC: 1171  
FLETCHER JL: 1848  
FLEURETTE J: 1849  
FLOCH F: 6504  
FLOCK EV: 4821  
FLORA G: 1850  
FLOREY: 1851  
FLORKIEWICZ H: 1852  
FLORKIN M: 746  
FLORY LL: 2230  
FLOWERS RS: 1853  
FLUTE PT: 1854-1855, 4791, 5287-5268  
FLUTURE V: 2010  
FLUX WG: 4895  
FOCK G: 1856  
FODOR I: 4872  
FOIT E: 4655  
FOITOWA E: 4655  
FOLDENAUER A: 6275  
FOLDVARY G: 1857  
FOLEY JP: 1858  
FOLKERS K: 3549, 5900  
FOLKOW B: 299, 1460  
FOLLING M: 1859  
FOLTYN H: 1860  
FOLTZ EL: 1861  
FOMICHEVA NI: 2856  
FOMINA LS: 1862  
FONCIN JF: 1863  
FONDU P: 1252  
FONDY TP: 1864  
FONK I: 4826  
FONT RL: 1865  
FONTAINE JL: 3536



# AUTHOR INDEX

FONTAN M: 3506  
 FONTANA A: 605  
 FONTANA G: 1724  
 FONTANGES R: 1884, 4361  
 FOOTE FW JR: 2347  
 FORBES CD: 4707  
 FORD LT: 1866-1867  
 FORD PM: 1868-1869  
 FORELL MM: 3618  
 FORGACS A: 1230  
 FORMANEK H: 2744  
 FORMGREN H: 1870  
 FORMILLER M: 1871  
 FORNASIER VL: 1872  
 FORRESTER RM: 1701  
 FORSEN S: 7143  
 FORSGREN L: 1873  
 FORSTER G: 2443  
 FORSTER O: 1367  
 FORSYTH G: 1874  
 FORT AT: 1875  
 FORTINI W: 1785  
 FORTNER JG: 37  
 FOSBROOKE AS: 356  
 FOSSATI F: 1876  
 FOSTER EA: 5216  
 FOSTER JH: 1606, 6420  
 FOSTER LA: 1237  
 FOSTER RL: 7013  
 FOSTER RM: 1877  
 FOSTER RR: 710  
 FOTHERGILL JE: 1878  
 FOTHERGILL LA: 1878  
 FOTTRELL PF: 1482  
 FOUACE J: 1879  
 FOULDS JD: 1880  
 FOULDS WS: 1881  
 FOURNET PC: 653  
 FOURNIER A: 1882  
 FOURNIER F: 1883  
 FOURNON S: 1884  
 FOX M: 1885  
 FOX RA: 1355  
 FOX RR: 6439  
 FOZZARD JA: 4829  
 FRADERA J: 1886, 6678  
 FRADKIN SZ: 4278  
 FRAHM U: 6160  
 FRAME JD: 1887  
 FRANCANNET M: 4570  
 FRANCESCHETTI AT: 1052  
 FRANCESCHI D: 382  
 FRANCHI G: 5916  
 FRANCIS ME: 4456  
 FRANCIS W: 28  
 FRANCKEL M: 2029  
 FRANCKSEN H: 3264  
 FRANCO A: 4431  
 FRANCO DA: 1888  
 FRANCOIS MS: 4211  
 FRANCOIS R: 5159  
 FRANEK F: 1889  
 FRANEK J: 3422  
 FRANGIONE B: 4692  
 FRANK I: 8904  
 FRANKLAND AL: 1890  
 FRANKS LM: 5496  
 FRANZ H: 1891  
 FRASER JR: 1892  
 FRASER TR: 5292  
 FRATINO P: 6074-6075  
 FRAZIER HM: 4396-4397  
 FRECHE C: 676  
 FREDE KE: 459-460  
 FREDENS M: 1893  
 FREDERIKS E: 1894  
 FREDRICKSON DS: 2120, 2238, 3545  
 FREEBURG PW: 1895  
 FREED JH: 1288  
 FREEDMAN HJ: 1896  
 FREEDMAN P: 1897  
 FREEMAN GC: 1898  
 FREEMAN HM: 1899  
 FREEMAN JC: 555  
 FREEMAN LM: 1900  
 FREEMAN MH: 7014  
 FREEMAN T: 5270  
 FREER ST: 1901  
 FREGONESE B: 4370  
 FREI J: 2933

FREI PC: 4980  
 FREIBERG J: 2511  
 FREIDIN R: 3736  
 FREIENBERG J: 5882  
 FREILIKH VM: 4541  
 FRENCH JE: 5868  
 FRENCH PC: 1902  
 FRENCH S: 2224  
 FRENCH WE: 1903-1904  
 FRENZEL J: 5430  
 FREREBEAU P: 6738  
 FRESNEAU M: 2289, 4212  
 FREXINOS J: 1905  
 FREY P: 2824  
 FREYCON F: 1906  
 FREYTAG GE: 5349  
 FRIARS GW: 4422  
 FRICK G: 5180, 5741-5743  
 FRICK PG: 3749, 4155  
 FRIDLIANSKAIA II: 5091  
 FRIDOVICH I: 3863  
 FRIED J: 1088  
 FRIED R: 2629  
 FRIEDBERG F: 1907  
 FRIEDLAND GW: 1908, 4069  
 FRIEDLANDER I: 1638  
 FRIEDMAN GD: 1909  
 FRIEDMAN H: 6115  
 FRIEDMAN J: 4758  
 FRIEDMAN LI: 1910  
 FRIEDRICHSEN DH: 1398  
 FRIEFELD DM: 1911  
 FRIEND JR: 1912, 3023  
 FRIES D: 6501-6502  
 FRIESE G: 1913  
 FRIESEN A: 892  
 FRIESEN AD: 230  
 FRIEZE S: 495  
 FRIGENI V: 164  
 FRIMMER D: 1914  
 FRIMMER M: 1915, 2508, 3837  
 FRINOVSKAIA IV: 1020, 3788, 6488  
 FRISCHE LE: 1916  
 FRISIUS H: 1917  
 FRISON B: 4211  
 FRITSCH H: 6607  
 FRITSCH M: 1918  
 FRITZ H: 1919-1924  
 FRITZ JC: 1925  
 FRITZ KE: 6449  
 FRITZ VU: 3508  
 FRITZINGER BK: 3841  
 FROESE P: 1926  
 FROELICH G: 1927  
 FROLOVA AV: 4960  
 FROM AA: 1928  
 FROMAN S: 7010  
 FROST H: 1929-1931  
 FROSTELL G: 3704  
 FRUCHTER RG: 1932  
 FRUHLING J: 2538  
 FRUHMANN G: 1933  
 FRUMUZ F: 3975  
 FRUNZAREANUN: 1418  
 FRY GL: 6077  
 FRY HJ: 1934  
 FRYJORDET A JR: 1935  
 FUCHS HJ: 4114  
 FUCHS K: 3351  
 FUDENBERG HH: 2118, 3552, 3892-3893, 4968, 6088, 6767, 6817  
 FUJII S: 1936, 4448, 4612, 5895  
 FUJII T: 1937  
 FUJIMAKI M: 1938, 1948, 2448, 6281  
 FUJIMOTO D: 1939  
 FUJIMOTO S: 3279  
 FUJIMURA H: 7043-7044  
 FUJIMURA S: 5888  
 FUJINAMI T: 1940  
 FUJINO K: 4276  
 FUJITA K: 1941  
 FUJITA T: 1941, 2464, 3993  
 FUJIWARA A: 1942  
 FUJIWARA N: 1943  
 FUJIYAMA N: 6271  
 FUKADA E: 1944, 3018  
 FUKU M: 2815  
 FUKUDA M: 6353  
 FUKUDA O: 4710  
 FUKUHARA A: 5877

FUKUI H: 1945  
 FUKUI I: 1946, 4296-4298  
 FUKUMITSU T: 7062  
 FUKUMOTO J: 6542-6543  
 FUKUNAGA J: 4525  
 FUKUNAGA K: 4444  
 FUKUNAGA W: 3692  
 FUKUSUMI H: 1947  
 FUKUTAKE K: 1948-1949  
 FUKUYAMA Y: 1950  
 FUKUZAWA H: 1951  
 FULEIHAN FM: 1952  
 FULGHUM DD: 1953  
 FULLEN WD: 127  
 FULLER AM: 1954  
 FULLER GC: 1246  
 FULLER GL: 706  
 FULLER GW: 4422  
 FULLHAAS J: 4459, 6054  
 FUNAYAMA K: 6358  
 FUNDOVICZ A: 3388  
 FUNFHAUSEN G: 5371  
 FURLANETO J: 5693  
 FURMAN M: 42  
 FURNAS DW: 1955  
 FUROUCHI T: 7095  
 FURSTENBERG H: 1956  
 FURTADO JS: 1957  
 FURTHMAYR H: 6132  
 FURUHJELM U: 1958  
 FURUKAWA K: 139  
 FURUSAWA S: 6256  
 FURUSHIMA Y: 3205  
 FURUTA F: 3631  
 FURUTA K: 1959  
 FUSAOKA R: 6576  
 FUSEJIMA S: 1960  
 FUSTER V: 1084, 1086  
 FUSTINONI O: 5518-5521  
 FUTAI M: 1961  
 FUTAKI M: 1962

G

GAARD G: 1416  
 GABEL D: 1963  
 GABRIEL FD: 5474  
 GABRYELEWICZ A: 1964, 7022  
 GABRYELEWICZ M: 534  
 GABRYS A: 1965  
 GABURRO D: 6758  
 GACA A: 5725  
 GACHES J: 1863  
 GACON G: 1966  
 GADA PH: 1258  
 GADEGBEKEU B: 2565  
 GAERISCH F: 4220  
 GAERTNER H: 877, 1967-1968  
 GAETANI G: 5595  
 GAGEL C: 3705  
 GAGLIANI N: 1969-1970  
 GAGLIARDI B: 5826  
 GAGNON FT: 2949  
 GAGUA AM: 1971-1972  
 GAILLOUD C: 1973  
 GAITONDE MK: 1974  
 GAJDOS A: 1975  
 GAJEWSKI J: 5562  
 GALEANO J: 1174  
 GALENTER Y: 3733  
 GALEOTA WR: 4365  
 GALEOTTI T: 1976  
 GALERA R: 1977  
 GALIAN A: 4979, 5491  
 GALIAZZO G: 2025, 2983  
 GALIN MA: 341  
 GALITSKAIA NI: 6006  
 GALIZZI A: 1978  
 GALKINA EB: 3385  
 GALL D: 1370  
 GALL DA: 2413  
 GALL JC JR: 3118  
 GALLANT RP: 4947  
 GALLIMORE MJ: 1979  
 GALLMEIER WM: 627  
 GALLOP PM: 3627  
 GALLOWAY JM: 4126  
 GALLUS AS: 2606-2609, 4411  
 GALPER E: 1981  
 GALT RM: 3249



# AUTHOR INDEX

- GALVANI A: 7123  
 GAMBIA G: 6074  
 GAMBINO SR: 1982  
 GAN J: 4870  
 GANCEDO JM: 250  
 GANCHEV KD: 1983  
 GANDHI B: 1984  
 GANDHI PC: 6367-6368  
 GANDOLFO GM: 3978-3979  
 GANEEVA RR: 6458  
 GANROT PO: 1985-1987  
 GANS H: 1988-1989  
 GANZOURY BA: 140  
 GARAMVOLGYI N: 2439  
 GARB S: 1156  
 GARBAGNATI N: 922, 1990  
 GARBER ED: 5387  
 GARBER H: 4166  
 GARBERO F: 1220  
 GARBEROGLIO L: 948  
 GARBEROGLIO R: 948  
 GARCIA-PEREZ A: 1991  
 GARCIA PERLA A: 1992  
 GARCIA-ROMERO H: 950  
 GARCIA SAN MIGUEL J: 6993  
 GARCIA-CONDE BRU FJ: 1993  
 GARD AM: 1571  
 GARDE A: 1994  
 GARDE J: 1403  
 GARDINER JH: 1236, 2384  
 GARDNER B: 4803  
 GARDNER FH: 4458, 4798  
 GARDNER RJ: 1995  
 GARDOS G: 6310  
 GAREL JR: 1996  
 GARFINKEL AS: 5723  
 GARG EC: 5653  
 GARGIULO F: 4120  
 GARNER R: 1997  
 GARNIER H: 1998  
 GAROFALO P: 5013  
 GARREAU H: 933  
 GARRETT RA: 6412  
 GARSON OM: 843  
 GARTI I: 1999  
 GARTSUEVA TP: 1534  
 GARVEY MB: 2000  
 GARWICZ S: 198  
 GARY GW JR: 655  
 GASC JP: 4116  
 GASNAULT JP: 3715  
 GASPARD S: 5138  
 GASPARDONI MC: 550  
 GASS JD: 2596  
 GASTALDI GM: 1221  
 GASTON LW: 4524, 6687  
 GATES BJ: 2001  
 GATI I: 2002  
 GAUDREAU CJ: 5264  
 GAUGHAN ER: 5464  
 GAUM LI: 2003  
 GAUT ZN: 2004  
 GAUTHIER R: 1136, 2005  
 GAUTIER J: 3519  
 GAUTIER M: 4691  
 GAUTVIK KM: 2007  
 GAVIN J: 1958, 6912  
 GAVRILESCU M: 2008  
 GAVRILESCU S: 2009-2010  
 GAVRILOV OK: 1801  
 GAVRILOV SA: 2011  
 GAY RM: 2012  
 GAZDOWSKA-NAWROCKA D: 2013  
 GEARY CG: 6372  
 GEBALA A: 2014  
 GEBEL' GIA: 6037  
 GEBHARDT M: 1920  
 GEDDE-DAHL T JR: 1731  
 GEDDES AJ: 3806  
 GEDIGK P: 2015  
 GEE PS: 5697  
 GEEFHUYSEN J: 2168  
 GEER JC: 2471, 5843  
 GEFTER WI: 189  
 GEHRMANN G: 2016, 2511  
 GEILL T: 2017  
 GEISSLER AW: 6824  
 GELAIN J: 1403  
 GELETNEKY CL: 2263  
 GELEY L: 2018  
 GELFAND BR: 3592  
 GELFAND DH: 2019  
 GELFER AP: 2020  
 GELIN LE: 3689  
 GELLER AN: 6651  
 GELLER HM: 352  
 GELLER LI: 2021-2023  
 GELPI AP: 2024  
 GENERALOV AI: 5215  
 GENEST J: 677  
 GENETET B: 3539, 6226  
 GENNARI G: 2025  
 GENOVA R: 844  
 GENOVA V: 1433  
 GENOWA VG: 1434  
 GENTILE G: 964  
 GENTILE JM: 2026  
 GENTILINI M: 2027  
 GENTON E: 7003  
 GEOKAS MC: 5384  
 GEORG J: 4942  
 GEORGE DJ: 2028  
 GEORGE P: 898  
 GEORGE PK: 6367-6368  
 GEORGE SG: 3134  
 GEORGESCU L: 7184  
 GEORGESCU M: 472  
 GEORGESCU N: 2029  
 GEORGIEVA B: 5558, 6683  
 GEORGIEVA M: 2030  
 GER R: 2031  
 GERASIMENKO LG: 5982  
 GERASIMENKO NG: 1707  
 GERASIMENKO NI: 2032  
 GERATZ JD: 2033-2035  
 GERBAL A: 2674  
 GERBAUX A: 2036  
 GERBEAUX J: 2037  
 GERBECK CM: 2038  
 GERBER LP: 2971  
 GERBERT J: 403  
 GERBIE AB: 2228  
 GERBIE MV: 2228  
 GERBODE F: 2592  
 GERCHIKOVA TN: 2039  
 GERGEN M: 2040  
 GERHARDS U: 2041  
 GERHOLD WM: 3976  
 GERIG JT: 559, 2042  
 GERKMANN W: 4122  
 GERL D: 2043  
 GERLSMA SY: 2044  
 GERMAIN D: 1884, 2045  
 GERMAN JC: 5828  
 GERMANOV AI: 2046  
 GERMINIANI H: 4588  
 GERRITSEN GC: 1764  
 GERSHUN VA: 5091  
 GERSTMANN KE: 2047  
 GERTLER A: 2048-2049  
 GERYK B: 6407  
 GESLER RM: 2050-2051  
 GESNER BM: 494, 2052  
 GEWURZ H: 4198, 5036  
 GHESSI A: 2062  
 GHIGLIAZZA HM: 5522  
 GHIRON CA: 2053  
 GHITESCU O: 2054  
 GHITESCU S: 2054  
 GHOSH JJ: 1296-1297  
 GHOSH S: 56, 2679  
 GIACOBINO JP: 5950  
 GIAKOUSTIDIS E: 4864  
 GIAMMANCO P: 2055  
 GIANANTONIO C: 258  
 GIANELLI S JR: 2056  
 GIANNELLA M: 2057  
 GIARDINO C: 2058  
 GIAROLA P: 2061-2062  
 GIAROLA PA: 2059  
 GIBBERD FB: 2060, 7031  
 GIBBONS I: 150  
 GIBBONS RJ: 3128  
 GIBELLI A: 2061-2062  
 GIBIAN MJ: 2063  
 GIBINSKI K: 2064-2065  
 GIBSON F: 1201, 3260  
 GIBSON JB: 6270  
 GIBSON R: 2066  
 GICQUEL Y: 1006  
 GIELDANOWSKI J: 4906, 4946  
 GIELEN W: 2067-2068  
 GIERHAK FW: 2069  
 GIERTZ H: 2070, 4289  
 GIFFORD GE: 224  
 GIGLI I: 6249  
 GIGNOUX B: 490  
 GILBERT EF: 2071  
 GILCHRIST G: 553  
 GILCHRIST GS: 1639, 2072, 5871  
 GILES CM: 1226  
 GILES GR: 5957, 6113  
 GILFORD EJ: 2609  
 GILFRICH HJ: 2073  
 GILLEM HG: 4263  
 GILLENWATER JY: 6669  
 GILLES FH: 2074  
 GILLET JY: 2136  
 GILLET M: 4815  
 GILLIAM M: 2075  
 GILLILAND PF: 5727  
 GILLY G: 2078  
 GILLY R: 2077, 2552  
 GILMAN DJ: 2078  
 GILMAN JP: 2496  
 GILMARTIN: 5375  
 GILMOUR LP: 4683  
 GILROY J: 2079  
 GIMBER PE: 2080  
 GIMLIN DM: 7026  
 GINESTE J: 4116, 6200  
 GINEV B: 2081  
 GINIES G: 3519  
 GINODMAN LM: 376  
 GINSBERG FE: 2604  
 GINSBERG MD: 2082  
 GINSBURG AD: 2083  
 GINTER E: 2084  
 GINZ B: 2085  
 GINZBURG ZI: 2086  
 GIOMBI A: 2087  
 GIORDANO ND: 2088  
 GIRADO JM: 926  
 GIRARD P: 2089  
 GIRARDEAU M: 6720  
 GIRARDEL JM: 2136  
 GIRARDIN G: 5567  
 GIRARDIN R: 2090  
 GIROLAMI A: 2091-2098  
 GIROMI' I M: 2099-2100  
 GIRON DJ: 2101  
 GIRON F: 4611  
 GITZELMANN R: 2102  
 GIUDITTA A: 2305  
 GIULIANO V: 30  
 GIVOL D: 2103  
 GIZIS E: 402  
 GJONE E: 2104  
 GLADIGAU V: 612  
 GLADNER J: 6282  
 GLADSHTEIN IUM: 2105  
 GLAGOLEVA NA: 2106  
 GLANCY DL: 5330  
 GLANCY JJ: 2107  
 GLANTS RM: 2108-2109  
 GLANVILLE KL: 1628  
 GLANZ S: 2110  
 GLANZMANN C: 2070  
 GLAS P: 237, 2111  
 GLASER EM: 256-257  
 GLASGOW C: 1495  
 GLASGOW EF: 4340  
 GLASS GB: 2703  
 GLAVIND-KRISTENSEN S: 72  
 GLAZER AN: 998, 1342, 2112-2113, 2974  
 GLAZUNOVA EA: 741  
 GLEICH GJ: 2543, 4805  
 GLESER G: 2122  
 GLEZER VM: 5062-5063  
 GLICK DM: 602, 4745  
 GLICK Z: 2114  
 GLIEMANN J: 2115  
 GLIGOR V: 1516  
 GLIKMAN LM: 834  
 GLIMCHER MJ: 5914  
 GLINCHIKOV VV: 324  
 GLOCKNER R: 1891  
 GLOGNER P: 2116  
 GLOGOWSKI G: 2117  
 GLOOR F: 3230



# AUTHOR INDEX

GLOOR U: 5379  
 GLOVER JL: 7183  
 GLOVSKY M: 2118  
 GLOWINSKI S: 2119, 7023  
 GLUECK CJ: 2120  
 GLUECK HI: 2121-2122  
 GLUSZCZ A: 2123  
 GMUR J: 2124  
 GMUR JP: 2125-2128  
 GMYRIA AI: 1023  
 GNEDKOV PA: 6781  
 GNUCHTEL U: 2127-2128  
 GNUDI M: 1734  
 GO M: 3658  
 GO N: 3658  
 GO VL: 2129-2130  
 GOBEL FJ: 627  
 GOBEL U: 6871  
 GOCKE DJ: 1887, 3620  
 GODAL HC: 2131-2133  
 GODDE-JOLLY: 6718  
 GODO J: 1328  
 GODU J: 5337  
 GOEBELL H: 2134  
 GOETZKI H: 4945  
 GOETZL EJ: 2135  
 GOGIN EE: 6759  
 GOGUEL A: 489, 2884  
 GOGUEL M: 2136  
 GOLBEY RB: 4696  
 GOLD C: 3830  
 GOLD CH: 3828  
 GOLD SC: 2137  
 GOLDBACH R: 5553  
 GOLDBERG B: 3828, 3830  
 GOLDBERG DI: 2138  
 GOLDBERG DM: 2139-2140, 3507  
 GOLDBERG H: 6997  
 GOLDBERG ME: 2141  
 GOLDE DW: 7157  
 GOLDEN B: 2142  
 GOLDENBERG DB: 5459  
 GOLDENFARB PB: 2143  
 GOLDFINE ID: 2144  
 GOLDIE H: 5767  
 GOLDIN H: 2145  
 GOLDITCH IM: 2146  
 GOLDMAN HI: 2147-2148  
 GOLDMAN RL: 2149  
 GOLDRING IP: 2150  
 GOLDSCHMIDT B: 2151  
 GOLDSMITH MR: 2152  
 GOLDSMITH NF: 2153  
 GOLDSTEIN A: 2154  
 GOLDSTEIN GW: 2155  
 GOLDSTEIN L: 2156  
 GOLDSTEIN RE: 5471  
 GOLDSTONE J: 5691-5692  
 GOLDSWORTHY PD: 2157  
 GOLDZIEHER JW: 4398  
 GOLGHER RR: 4910  
 GOLLUB S: 2158  
 GOLLWITZER R: 2159  
 GOLOB P: 1097  
 GOLOSOVA TV: 2160-2162  
 GOLOTENKO NI: 5645  
 GOLOVSKII EV: 2163  
 GOLUBEV IS: 2164  
 GOMES MM: 2165-2166  
 GOMEZ G: 476  
 GOMEZ ORBANEJA J: 2167, 5609  
 GOMI F: 2793  
 GOMPERTS E: 2168  
 GONANO F: 6166  
 GONCALEZ Y: 3691  
 GONCHAROV AI: 4587  
 GONCIARZ Z: 2064, 2169  
 GONDOLFO CARAMELLO MT: 2170  
 GONIN A: 1504  
 GONNERT R: 2171  
 GONSETTE R: 2172  
 GONZALEZ FM: 1100  
 GONZALEZ CAMBACERES C: 5522  
 GONZALEZ LLAVEN J: 5075  
 GONZALEZ-PARES EN: 2705  
 GOOCH A: 1958  
 GOOD RA: 2327, 2546, 4961, 5036  
 GOODALL CM: 2173  
 GOODE RL: 2174  
 GOODENDAY L: 3892

GOODFRIEND TL: 2175-2176  
 GOODHEAD B: 2177-2178, 7032  
 GOODING PG: 1665  
 GOODMAN JS: 2897  
 GOODMAN JW: 6817  
 GOODMAN P: 6257  
 GOODWIN JF: 5070  
 GOODWIN JW: 766  
 GOODWIN WE: 2179  
 GORBATOV VA: 6159  
 GORDON DH: 2180  
 GORDON JS: 2747  
 GORDON S: 1098, 5768  
 GORE I: 2181  
 GORECKI M: 2103  
 GOREN HJ: 2182  
 GORIACHKINA LA: 53  
 GORIN N: 2183  
 GORINI G: 2184, 4143  
 GORISLAVETS II: 4963  
 GORLINA AA: 2185  
 GORMSEN J: 146, 2186, 3253, 3570-3571  
 GORODETSKAIA SF: 2187  
 GOROG P: 2188  
 GOROKHOVSKII VI: 2189  
 GOROVITS GV: 4306  
 GORRILL AD: 5685  
 GORSTEIN F: 3094  
 GORTVAI G: 48  
 GORUN V: 1244  
 GOSHIMA K: 2190  
 GOSSELIN B: 3624, 6831  
 GOSTISHCHEV VK: 2191-2192, 2243  
 GOT R: 501, 1187, 4361  
 GOTO H: 3100  
 GOTO K: 4513-4514  
 GOTOFF SP: 2193  
 GOTT CL: 5900  
 GOTT VL: 415, 632-633, 724, 1725, 4544  
 GOTTLIEB AJ: 4797  
 GOTTSCHALDT M: 5695  
 GOTTSCHALK A: 360  
 GOTTSSTEIN U: 2194  
 GOTTWALD W: 2195  
 GOTZ H: 2196, 3996  
 GOUDARD A: 305-306, 308, 1189  
 GOUEMAND M: 1352, 2884  
 GOUDIE RB: 3507  
 GOUFFAULT J: 4927  
 GOULD GW: 2197  
 GOULET C: 5339  
 GOURDEAU R: 1376, 2198  
 GOURDIN MF: 175  
 GOUTELLE A: 2199  
 GOUEVIA OF DE: 1981  
 GOVOROVICH EA: 2200  
 GOWDEY CW: 1079, 5655  
 GOWER RE: 3168  
 GOYER RA: 2201  
 GOZZETTI G: 1349  
 GRAAE J: 6556  
 GRAAF FK DE: 2202  
 GRABOWSKI EF: 1910  
 GRABSTALD H: 2203  
 GRACE JT JR: 2026  
 GRACHEVA IN: 2161  
 GRACIE WA JR: 253  
 GRACY RW: 787, 2204  
 GRADY A: 5264  
 GRADY CK: 2205  
 GRADY ED: 2205  
 GRAEFF H: 580, 6414  
 GRAGE TB: 2206  
 GRAHAM GN: 3808  
 GRAHAM JC JR: 2207  
 GRAHAM JD: 4406  
 GRALINO BJ JR: 5459  
 GRALNICK H: 2120  
 GRALNICK HR: 2208  
 GRAND RJ: 2664  
 GRANDI M: 502  
 GRANGAUD R: 2209-2210  
 GRANGEPONTE MC: 758  
 GRANGER P: 2211  
 GRANJON B: 3617  
 GRANNIS GP: 2212  
 GRANT MD: 2213  
 GRASSER H: 2516  
 GRASSETTI DR: 4153  
 GRASSO E: 2214

GRATZ M: 6997  
 GRAUEL EL: 6306  
 GRAUMANN W: 2215, 3101  
 GRAVELU J: 748  
 GRAW RG JR: 2216  
 GRAY WR: 2217  
 GRAZIANI G: 5124  
 GRAZIATI G: 5301  
 GRAZINA A: 1355  
 GREAVES JH: 2218  
 GREEN D: 2219-2220  
 GREEN GR: 5038  
 GREEN I: 2221  
 GREEN JA: 2222  
 GREEN ML: 2223  
 GREEN N: 2224  
 GREEN RW: 2225  
 GREEN TJ: 1699  
 GREEN WH: 2226  
 GREENBERG JJ: 2925  
 GREENBERG M: 2227  
 GREENBERG RL: 1224  
 GREENBERGER NJ: 3865  
 GREENBURG L: 2150  
 GREENE RR: 2228  
 GREENE WA: 315  
 GREENE WB: 6062  
 GREENFIELD LJ: 120  
 GREENFIELD N: 2229  
 GREENLAW RH: 5179  
 GREENOUGH WB 3D: 1210  
 GREENSHER J: 5009  
 GREENWALD EK: 2434  
 GREENWALT TJ: 2230-2231  
 GREENWOOD RM: 1370  
 GREER WE: 7004  
 GREGERSEN MI: 1041  
 GREGERSEN MI: 1043-1044  
 GREGERSEN MI: 2232  
 GREGERSEN MI: 2233, 6609  
 GREGOIR W: 2234-2235  
 GREGORY JJ: 2056  
 GREIDANUS TH: 2236  
 GREIF B: 1921, 1923  
 GREIFF D: 2237  
 GREITHER A: 4154  
 GREITZ T: 1977  
 GRESHAM GA: 575  
 GRETEN H: 2120, 2238  
 GREUER W: 4004  
 GREY HM: 6063  
 GREYSON ND: 5469  
 GRIBAUSKAS PS: 2239  
 GRIDINA GD: 2240  
 GRIFFIN TB: 2241  
 GRIGNON G: 514  
 GRIGONIS P: 6245  
 GRIGOREV GI: 4922  
 GRIGORIAN AA: 2242  
 GRIGORIAN AV: 2243-2244  
 GRIGORIAN NA: 113, 2245  
 GRIGORIAN RM: 3160  
 GRILLI H: 1388  
 GRIM JF: 6451  
 GRIMALDI MG: 2246  
 GRIMES AJ: 5765  
 GRIMINGER P: 584  
 GRIMSHAW VA: 2822  
 GRIN' NS: 2161  
 GRINBERG AA: 1559  
 GRINBERG M: 3699  
 GRINER LA: 5586  
 GRINER PF: 2247, 3220  
 GRINSSTEIN EIA: 1520  
 GRIPENBERG J: 4955  
 GRISE C: 677  
 GRISHMAN E: 1549, 2248  
 GRISWOLD HE: 3242  
 GRITON P: 6805  
 GRITSUK AI: 77, 2249  
 GRITSUK GN: 7186  
 GRIZZARD HT: 2250  
 GROB V: 6130  
 GROBEN D: 5733  
 GROBEN HD: 2251  
 GROBNER W: 7177  
 GRODSKY GM: 852  
 GROENEWALD JH: 2252  
 GROGAN EA: 2253  
 GROGAN EL 2D: 3168



# AUTHOR INDEX

GROMNATSKII NI: 2254-2255, 4058  
 GROMOVA GV: 3959  
 GRONDAHL NJ: 2256  
 GRONROOS M: 70  
 GROOT K DE: 3629  
 GROS C: 6738  
 GROSCHER-STEWART U: 2970  
 GROSCLAUDE F: 2257, 4193  
 GROSFELD JL: 2258  
 GROSS J: 2430, 3044  
 GROSS JB: 4527  
 GROSS L: 2259  
 GROSS M: 2260  
 GROSS R: 2261, 3596, 5030, 5347  
 GROSS S: 2262  
 GROSSBERG SE: 4357  
 GROSSI A: 1446-1450  
 GROSSI CE: 5210  
 GROSSMAN A: 2776  
 GROSSMAN BJ: 6165  
 GROTE E: 2263-2264  
 GROTH CG: 2265  
 GROTTU L: 2266  
 GROTTUM KA: 2267  
 GROTTUM KA: 2268  
 GROUDINSKY O: 4839  
 GROZDEA J: 2269  
 GROZDOV DM: 2270-2271  
 GROZINGER KH: 2272  
 GRUBEK H: 4923  
 GRUBER A: 1696  
 GRUCHY GC DE: 843  
 GRUMBERG I: 1199  
 GRUMET FC: 2273, 7087  
 GRUMMITT JK: 2274  
 GRUN G: 6703  
 GRUNER M: 2127  
 GRUNER OP: 2275-2276  
 GRUPPER C: 2277  
 GRYNDER S: 5648  
 GUALANDI L: 2278  
 GUALTIERI F: 2057  
 GUARNIERI GF: 5181  
 GUARRIERA-BOBYLEVA V: 830  
 GUBER LI: 5987  
 GUDER W: 2279  
 GUELPA G: 4540  
 GUENOU J: 2548  
 GUENTER CA: 5366, 6900  
 GUERIN B: 2280  
 GUERIN D: 2281  
 GUERIN M: 2282  
 GUERRA L: 2283  
 GUEVARA A: 2284  
 GUGGENHEIM K: 3316-3317  
 GUGLIELMO B: 2285  
 GUIBAUD P: 1906  
 GUIDI G: 2286  
 GUIEN C: 3616  
 GUIGNIER M: 4431  
 GUIGON M: 2570  
 GUILAINE J: 2287  
 GUILBERT A: 980  
 GUILER ER: 4895  
 GUILLAIN F: 2288  
 GUILLET R: 1774  
 GUILLY P: 2289, 4212  
 GUIMARAES RC: 2290  
 GUIMBAUD P: 1485  
 GUIMBRETIERE J: 730, 2291  
 GUIMBRETIERE J: 2292  
 GUIMBRETIERE J: 4977, 6489  
 GUIMBRETIERE L: 2292  
 GUINAND S: 915  
 GUIRAN G: 2293  
 GULIKOVA OM: 4898  
 GULK V: 2194  
 GULLHAGEN L: 6980  
 GULZOW M: 2294-2295, 5740  
 GUMENIUK LI: 6756  
 GUMENIUK LI: 6757  
 GUMPEL JM: 1868-1869  
 GUNDLACH HG: 2296-2298  
 GUNDOLF F: 2299  
 GUNNLAUGSSON GH: 5174  
 GUNSON HH: 2300  
 GUNTER RC: 3590  
 GUNTHER S: 5759  
 GUNZ FW: 5302  
 GUPTA JC: 211

GUPTA KK: 2301  
 GUPTA MM: 1532  
 GUPTA PP: 2302  
 GUPTA SC: 4153  
 GURA C: 2303  
 GURD FR: 2748  
 GUREWICH V: 2304, 2482  
 GURGO C: 2305  
 GURIN NN: 2306  
 GURSON CT: 2307  
 GURTLER L: 2308  
 GUSEINOV CHS: 2309-2310, 3161, 6037  
 GUSEINOVA NA: 2311  
 GUSHCHIN IS: 2312  
 GUTENBERGER B: 3410  
 GUTGEMANN A: 2313  
 GUTIONTOVA KP: 2314  
 GUTMAN R: 3583-3584  
 GUTTERMAN JU: 3769  
 GUTTMAN DE: 4224  
 GUTTMANN RD: 3923, 5427, 5861-5862  
 GUTTNER J: 2315  
 GUZ SIA: 1719, 4984  
 GVOZDANOVIC V: 4010  
 GWILT DJ: 1699  
 GYR K: 2316-2318

## H

HAAHR S: 2319  
 HAANEN C: 734, 2649  
 HAAS C: 2320  
 HAAS GH DE: 4028  
 HAAS JE: 2321  
 HAAS M: 2151  
 HAAS U: 4563  
 HAASE J: 5290  
 HABAZIN V: 2323  
 HABER E: 2924, 6092  
 HABERLAND C: 2324  
 HABERMANN E: 201, 3335, 6605  
 HABIF DV: 2325, 4500  
 HACKER H: 2326  
 HACKLEY BE JR: 4387  
 HADDAD HM: 7074  
 HADDEN DS: 2344  
 HADDEN JW: 2327  
 HADDOCK J: 1886  
 HADFIELD JR: 2495  
 HADIDA E: 2328  
 HADLER HI: 2329  
 HADLER WA: 2330  
 HAENDLE H: 1922, 2331  
 HAEREM JW: 2332  
 HAESAERT AM: 6691  
 HAFERLAND W: 2333  
 HAFNER CD: 1203-1204  
 HAFSTROM L: 455  
 HAGE ML: 3544  
 HAGEDORN AB: 696, 2334, 4138  
 HAGEN PO: 2335  
 HAGGENDAL E: 2336  
 HAGGITT RC: 2337  
 HAGKS GE: 4069  
 HAGLER WS: 2338  
 HAGMAIER V: 250  
 HAGMAR B: 2339-2341  
 HAHN F: 2342, 4289  
 HAHN RG: 5333  
 HAIG TH: 2343  
 HAIRE M: 2344  
 HAIT MR: 2345-2346  
 HAJDU SI: 2347  
 HAJEK P: 2348  
 HAJEK V: 2349-2350  
 HAKALA TR: 2351  
 HAKIM AA: 2352-2353  
 HAKIM CA: 2354  
 HAKIM S: 2355  
 HALAWA B: 2356, 4906, 4946  
 HALBERSTADT E: 2357  
 HALBERT SP: 2657  
 HALBROOK H: 6356  
 HALES H: 7030  
 HALGRIMSON CG: 6113  
 HALIKAS GC: 2358  
 HALL BM: 2359  
 HALL DE: 913  
 HALL EC: 7193  
 HALL J: 2360  
 HALL WD: 2361  
 HALLE L: 6064  
 HALLIDAY JP: 3735  
 HALLIDAY P: 2362  
 HALLMAN GL: 2363-2364, 5946  
 HALLPIKE JF: 39  
 HALMAGYI DF: 2365  
 HALONEN P: 4853  
 HALPERN M: 2366  
 HALSTED SE: 1815, 2367-2370, 4606  
 HALVER JE: 228  
 HAM JM: 2371-2372, 5081  
 HAMA H: 2373  
 HAMADA M: 3312  
 HAMAGUCHI K: 2834  
 HAMAKER WR: 2374  
 HAMANAKA Y: 2375  
 HAMANO T: 2376  
 HAMBERG U: 597, 872, 2378, 2380, 2382  
 HAMBURGER J: 2383, 3040  
 HAMERMAN D: 2909  
 HAMERS R: 1406  
 HAMILTON HE: 2775  
 HAMILTON HH: 614  
 HAMILTON HW: 2384  
 HAMILTON JA: 1201  
 HAMILTON RS: 2250  
 HAMLIN H: 2385  
 HAMMARSTEN JF: 5366, 6900  
 HAMMETT JF: 2386  
 HAMMOND D: 1639  
 HAMMOND DM: 2573  
 HAMMOND RK: 2387-2388  
 HAMOIR G: 2389  
 HAMON Y: 4001  
 HAMPEL H: 2390  
 HAMPTON JW: 2391-2392, 3890  
 HAN A: 2323  
 HAN BH: 4493  
 HAN K: 1299-1300, 2393, 5077  
 HAN M: 5265  
 HANADA T: 6852  
 HANAFEE W: 4671  
 HANAHAN DJ: 373, 1200  
 HANASHIRO P: 247, 1199  
 HANCKEL RW: 2394  
 HANDLEY AJ: 2395-2396  
 HANDEL R: 4004  
 HANKE P: 6904  
 HANKOWITZ M: 2397  
 HANNA N: 2398  
 HANNECART-POKORNI E: 2399  
 HANNEQUIN M: 676  
 HANO J: 5727  
 HANSCH C: 2400  
 HANSCH M: 6306  
 HANSEBOUT RR: 1574  
 HANSEN B: 5682  
 HANSEN IL: 1207  
 HANSHAW JB: 4254  
 HANSON H: 1918, 3192-3193  
 HANSOTI RC: 5835  
 HANSSON R: 2401-2404  
 HANUS K: 2405  
 HANUSOVA D: 2406  
 HAQ BM: 1153  
 HARADA T: 4495  
 HARADIN AR: 2407  
 HARBERT GM JR: 2408  
 HARBINSON RJ: 5766  
 HARD RC JR: 2409  
 HARDAWAY RM ED: 2410  
 HARDAWAY RM 3D: 2411-2412, 2517  
 HARDESTY RL: 2413  
 HARDILLIER J: 2414  
 HARDIN JH: 6082  
 HARDINGHAM TE: 2415  
 HARDISTY RM: 1638, 2416-2417  
 HARDMAN JM: 5068  
 HARDWICK BC: 3688  
 HARDY JD: 2418  
 HARDY KJ: 2419  
 HARDY RE: 4397  
 HARDY RN: 2420-2421  
 HARENKO A: 2422  
 HARGROVE RE: 5307  
 HARKER LA: 2423-2425  
 HARKESS JW: 242  
 HARKNESS J: 2426  
 HARLAN WR: 2427



# AUTHOR INDEX

HARMON SR: 7102  
 HARMS RH: 5956  
 HARMSEN A: 5290  
 HARPEL PC: 2428  
 HARPER AM: 2429  
 HARPER DL: 1104  
 HARPER E: 2430  
 HARRINGTON JK: 4549  
 HARRIS CE: 2431  
 HARRIS CI: 2432  
 HARRIS DJ: 5303  
 HARRIS H: 2433  
 HARRIS JI: 2986  
 HARRIS PD: 2434  
 HARRIS R: 2435  
 HARRISON CV: 1254  
 HARRISON JB: 3856  
 HARRISON YE: 6903  
 HARROW BR: 2436  
 HARROWER HW: 2874  
 HARRY JB: 2437-2438  
 HARSANYI V: 2439  
 HART PG: 2440  
 HARTEL W: 2441  
 HARTH P: 6249  
 HARTL H: 2018  
 HARTLEY BS: 4928, 5905  
 HARTLEY LC: 2442  
 HARTMAN PH: 1378-1379  
 HARTMAN RE: 6901  
 HARTMAN WA: 4719  
 HARTMANN G: 2443  
 HARTMANN H: 2444  
 HARTMANN JR: 4524  
 HARTREE EF: 122  
 HARTROFT WS: 6971  
 HARTSHORNE DJ: 2445  
 HARTUNG W: 722  
 HARVEY PK: 2446  
 HARWOOD-NASH DC: 6798  
 HASCALL VC: 1585  
 HASEGAWA H: 2447  
 HASEGAWA M: 2448  
 HASEGAWA S: 5888  
 HASEGAWA T: 2449  
 HASHIMOTO M: 3076  
 HASHIMOTO Y: 1948  
 HASHIYAMA K: 2848  
 HASHMI JA: 2450  
 HASKELL CM: 2451  
 HASKINS SC: 2763  
 HASSAN A: 2452  
 HASSANEIN AA: 2453, 5176  
 HASSAR: 1359  
 HASSLER R: 310, 4128  
 HASTINGS RC: 2454  
 HASUNUMA K: 2839  
 HATA M: 2455  
 HATA S: 2456  
 HATA T: 2486  
 HATANO H: 4810-4811  
 HATCHIKIAN EC: 2457  
 HATFIELD LM: 3688  
 HATHAWAY WE: 2458-2459, 4423, 5957  
 HATHIRAT P: 2460  
 HATTA Y: 2461  
 HATTERSLEY PG: 2462-2463  
 HATTON M: 1713  
 HATTORI A: 2464, 6542  
 HATTOWSKA H: 2465  
 HATVANY T: 2466  
 HAUBRICH WS: 6858  
 HAUCK G: 5733  
 HAUG H: 2467, 3246  
 HAUGE HE: 1732  
 HAUGE M: 6289  
 HAUGEN J: 2468  
 HAUPF H: 2469  
 HAUSAMEN JE: 2470  
 HAUSS WE: 6988  
 HAUST MD: 2471  
 HAUSTEIN UF: 2472-2475  
 HAUSWALDT C: 1114  
 HAUT J: 2476  
 HAVAS SW: 2152  
 HAVEMANN K: 5696  
 HAVEN E: 2477  
 HAVERBACK BJ: 5384  
 HAVIA T: 2478  
 HAVIAR V: 2479-2480

HAVRANEK F: 1720  
 HAWIGER J: 2481-2482, 2696  
 HAWKEY C: 1083  
 HAWKINS DF: 2354  
 HAY RK: 2483  
 HAYAKAWA I: 2484  
 HAYASHI H: 2485, 2864, 6383, 7093-7094  
 HAYASHI K: 6282  
 HAYASHI M: 807, 2019  
 HAYASHI R: 2486  
 HAYASHI RH: 3544  
 HAYASHI S: 2848  
 HAYASHI Y: 2487, 3076  
 HAYAT M: 742  
 HAYATA K: 5894  
 HAYNES CR: 2488  
 HAYREH SS: 2489  
 HAYRY P: 2490, 6649  
 HAYSE D: 2463  
 HAYT DB: 1900  
 HAZELL K: 2491-2492  
 HAZRA DK: 5652  
 HEALE WF: 4576  
 HEARN WR: 3498  
 HEATH DF: 1176  
 HEATH H: 2493  
 HEATH ML: 2494  
 HEATH RB: 1370  
 HEATON FC: 4283  
 HEATON LD: 5089  
 HEBDEN HF: 2495  
 HEBERT GJ: 2496  
 HECKERS H: 4563  
 HEDDEN M: 1686  
 HEDDLE RW: 4895  
 HEDFALK L: 2497  
 HEDLIN AM: 2498  
 HEDLUND PO: 2499-2500  
 HEDNER U: 1633-1635, 2501  
 HEDRICK JL: 2502  
 HEENE D: 2283, 3559, 4418  
 HEENE DL: 2503-2504  
 HEER G: 1350  
 HEER JL DE: 2505  
 HEESCHEN W: 2506  
 HEGGER N: 2507  
 HEGGEN M: 6579  
 HEGNER D: 1915, 2508  
 HEGSTED DM: 912  
 HEHRLEIN F: 2507  
 HEIDE K: 2469  
 HEIDEMA JH: 2509  
 HEIKINHEIMO R: 2510  
 HEILWEIL L: 5323  
 HELM RR: 2511  
 HELMANN K: 6404  
 HELMBURGER N: 862  
 HELMER R: 30  
 HELMPEL H: 36  
 HELMSOTH V: 4826, 5715  
 HEIN GE: 3454-3455  
 HEINE KM: 2512  
 HEINRICH HG: 2513  
 HEINRICH P: 2514  
 HEINRIKSON RL: 2515  
 HEINZ ER: 2107  
 HEINZE JE: 2757  
 HEISS J: 2516  
 HEISTERKAMP CA 3D: 2517  
 HEISTERKAMP CA 3D: 2518  
 HEISTERKAMP CA 3D: 4095  
 HELBIG W: 2519  
 HELD AM: 4673  
 HELENON C: 4206  
 HELFRICH LH: 5932  
 HELGEBOSTAD A: 2520  
 HELLER A: 5285  
 HELLER W: 2521-2522, 4385, 6202  
 HELLINGER J: 1796  
 HELLMAN LM: 5678  
 HELLSTROM G: 2523  
 HELM HJ VAN DER: 2524  
 HELMAN J: 2525  
 HELMER F: 1828  
 HELSBY CR: 28  
 HELTON NE: 6515  
 HEMA P: 5165  
 HEMKER HC: 2526, 3016, 3760-3761  
 HEMMER R: 2527  
 HENDERSON AH: 2528

HENDERSON ES: 717  
 HENDERSON GP JR: 2529  
 HENDERSON J: 5464, 6102  
 HENDERSON JR: 2530  
 HENDERSON KW: 2531  
 HENDERSON L: 1657  
 HENDERSON R: 6154  
 HENJOYOTI H: 346  
 HENNEAUX J: 2532  
 HENNEAUX B: 459-460  
 HENNING M: 2533  
 HENNINGSEN I: 3223  
 HENNINGSEN SJ: 2534-2535, 2537  
 HENRIET P: 946-947  
 HENRIKSEN H: 1062  
 HENROTTE JG: 6505  
 HENRY E: 305-308, 1189-1190  
 HENRY HW: 2747  
 HENRY J: 2538  
 HENRY L: 1885  
 HENRY P: 770  
 HENRY R: 4523  
 HENSCHEN A: 5060  
 HENSON JB: 3662  
 HENSON PM: 2539-2542  
 HEPPER NG: 2543  
 HEPTINSTALL DP: 6155  
 HERBERMAN RB: 2544, 4772  
 HERBERT P: 3545  
 HERBIG H: 1891  
 HERBST H: 6100  
 HERBST M: 2672  
 HERCZ A: 2545  
 HERCZEG J: 2893  
 HERD PA: 2711  
 HERDMAN RC: 2546, 5036, 6608  
 HEREMANS JF: 6943  
 HERFORT K: 3961  
 HERK W VAN: 2547  
 HERMAN B: 2548  
 HERMAN CM: 4405  
 HERMANN G: 7195  
 HERMANSKY F: 2549  
 HERMANSKY F: 2550  
 HERMANT A: 5032  
 HERMIDA ME: 2551  
 HERMIER M: 2552  
 HERMODSON MA: 353, 2553, 6416  
 HERNANDEZ C: 2554  
 HERRERA R: 265  
 HERRMANN H: 6194  
 HERRMANN JB: 2555  
 HERRMANN RG: 2556  
 HERROLD JN: 1843  
 HERSCHLEIN HJ: 2557-2559  
 HERSCOWICI R: 2560  
 HERSCOWITZ HB: 2561-2562  
 HERSH EM: 2563, 4716  
 HERSH LS: 2564  
 HERSHBERG RA: 3968  
 HERSKOVITS TT: 2565-2566, 4175-4177  
 HERTZMAN M: 2082  
 HERZIG RH: 2567  
 HESLOP-HARRISON J: 3252  
 HESS GP: 3861  
 HESS H: 1930-1931  
 HESS MW: 3833  
 HESSE VE: 2568  
 HESSLER C: 3930  
 HETTING RA: 4528  
 HEUMANN AM: 4673  
 HEUMANN E: 3810  
 HEWITSON RP: 5730  
 HEWITT D: 1097, 2569  
 HEWITT J: 2570  
 HEY D: 2690  
 HEYDEN MJ: 2571, 3809  
 HEYDEN V VON DER: 5789  
 HEYDENRIJK PA: 2572  
 HEYDENRYCH JJ: 357  
 HIATT RL: 2250  
 HIBBERT LE: 2573  
 HIBBS GG: 3607  
 HICKIE JB: 1031  
 HICKL EJ: 2574  
 HICKMAN JA: 2575  
 HIDAKA H: 2576  
 HIEMEYER V: 2577, 2581-2583, 5285  
 HIGGINS JA: 545  
 HIGUCHI T: 3401



# AUTHOR INDEX

- HILBRICH P: 2578  
 HILDEBRANDT G: 2579  
 HILDNER FJ: 2925  
 HILGARD P: 2580-2583  
 HILGARTNER MW: 2584-2587  
 HILGENFELD M: 2892  
 HILGERMANN R: 2588  
 HILGERT I: 2589  
 HILL CL: 2590  
 HILL CS JR: 6937  
 HILL EO: 127  
 HILL FW: 2591  
 HILL G: 4291  
 HILL JC: 3853  
 HILL JD: 2592  
 HILL JH: 6825  
 HILL MK: 6246  
 HILL RJ: 2593  
 HILL RL: 953, 3891  
 HILL WJ: 1802  
 HILLENBRAND F: 731  
 HILLS M: 2594, 2809  
 HILSCHMANN N: 2595  
 HILTENBRAND C: 4202-4203  
 HILTON GF: 2596  
 HIMELSTEIN ES: 512  
 HIMES JA: 976  
 HIMMEL A: 2597  
 HIMOE A: 2598  
 HINDORF H: 5736  
 HINES JD: 2599, 5409  
 HIOKA N: 4729  
 HIRAI J: 5828, 7079  
 HIRAI KI: 2600  
 HIRAI S: 5566  
 HIRANO T: 4293  
 HIRASAWA S: 2601  
 HIRAYAMA C: 2602  
 HIROHATA K: 2603  
 HIROSHIGE K: 2602  
 HIRS CH: 2875-2876, 5021  
 HIRSCH RL: 2604  
 HIRSCHHORN R: 6899  
 HIRSCHMAN RJ: 352, 2605, 5909  
 HIRSCHMAN SZ: 4227  
 HIRSH J: 882, 1473-1474, 2606-2609, 4411  
 HIRSOVA D: 2610  
 HISATOMI U: 4793  
 HISAZUMI H: 2611  
 HISHIDA H: 2612  
 HISS RG: 2613-2614  
 HITZIG WH: 2615, 3749, 6120  
 HIVET M: 5098  
 HIWADA K: 3279-3280  
 HIXSON HF JR: 2616-2617  
 HIZAWA K: 2618  
 HJORT PF: 1708, 6121-6122  
 HJORTDAL O: 2619  
 HJORTING-HANSEN E: 4970  
 HLADOVEC J: 2620  
 HNILICA LS: 2621  
 HNILICKA JV: 4254  
 HO GS: 1056  
 HO IK: 2622  
 HOAK JC: 6077  
 HOBBS JR: 111  
 HOCHSTRASSER K: 1920-1921, 1923, 2623  
 HOCHULI E: 2624  
 HOCKENDORFF I: 5435-5436  
 HOCKING DR: 2625  
 HOCKING ED: 983  
 HODAM RP: 2626  
 HODES ME: 7081  
 HODGE RL: 2627  
 HODGSON CF: 2628  
 HODKINSON BA: 3882  
 HOEFELMAYR J: 2629  
 HOEPFINGER LM: 2630  
 HOFER I: 1621  
 HOFER R: 2631  
 HOFERICHTER J: 2632  
 HOFFMAN DR: 2633  
 HOFFMAN H: 2634  
 HOFFMANN A: 2635, 4020  
 HOFFMANN B: 2636  
 HOFFMANN H: 6788  
 HOFFMANN W: 1796  
 HOFMANN AF: 2129-2130  
 HOFMANN F: 2637  
 HOFMANN T: 897, 1455, 2049, 2432, 2638, 3922, 6022  
 HOFMEIER G: 2639  
 HOFRICHTER G: 2390  
 HOFSTAD T: 2640-2641  
 HOFSTEN B VON: 1963  
 HOGAN GR: 2071  
 HOGG NM: 5178  
 HOGUND S: 1371  
 HOGMAN C: 2642  
 HOGMAN CF: 79, 1643, 2643  
 HOGSBRO OSTERGAARD A: 295  
 HOHN AR: 5955  
 HOIGNE R: 2644  
 HOJIMA Y: 4384  
 HOK KA: 878  
 HOLBURN RR: 5841  
 HOLCENBERG JS: 2645-2646  
 HOLDEN KR: 2647  
 HOLDOM RS: 2648  
 HOLDINET A: 2649  
 HOLEMANS R: 2650  
 HOLEN A: 4479  
 HOLINGER PH: 1426  
 HOLLAND JA: 2651  
 HOLLAND JJ: 3162  
 HOLLAND N: 3820  
 HOLLARD D: 1170, 2652  
 HOLLEMAN WH: 2653  
 HOLLENBECK L: 6517  
 HOLLENDER A: 2654  
 HOLLER E: 2444  
 HOLLEY KE: 6189  
 HOLLINGS RM: 2758  
 HOLLINGWORTH T ABRAMS LD: 1756  
 HOLLMANN S: 3410  
 HOLLOWAY V: 2667-2668  
 HOLM BJ: 2655  
 HOLM HH: 2656  
 HOLM SE: 2657  
 HOLMBERG L: 2658  
 HOLMES AW: 5465  
 HOLMES-GRAY B: 2327  
 HOLMQUIST B: 3565  
 HOLMSEN H: 1320, 1902, 2268, 2659-2662  
 HOLOHAN PD: 1420  
 HOLOWIECKI J: 2663  
 HOLSCREW DS: 2664  
 HOLSTEIN P: 1739  
 HOLT HT: 2665  
 HOLT JP: 2666  
 HOLT PJ: 2667-2668  
 HOLT S: 769  
 HOLT-WILSON AD: 6859  
 HOLTI G: 1238  
 HOLTON JB: 6003  
 HOLTZ G: 5790  
 HOLZER H: 250  
 HOLZKNECHT F: 1143, 2669-2672  
 HOLZMANN H: 1369  
 HOM FS: 2673  
 HOMATAS J: 6840  
 HOMBERG JC: 2263, 2674  
 HOMER LD: 4405  
 HOMMA N: 2675  
 HOMMES OR: 2979  
 HONEGGER H: 2676-2677  
 HONG R: 2155  
 HONG SS: 3608  
 HONMA Y: 4726  
 HOOD CI: 2678  
 HOOFF JP VAN: 734  
 HOOFF C: 934  
 HOOJA V: 2679  
 HOOK EW: 3977  
 HOPKINSON DA: 5968  
 HOPPE I: 2680  
 HOPPE W: 2681  
 HOPSU-HAVU VK: 2682-2687, 2912-2913  
 HOPTON D: 6936  
 HORACEK J: 2688  
 HORDER MH: 2689  
 HORDER MH: 2690  
 HORDER MH: 2691  
 HORECKER BL: 787, 2204, 3271  
 HORECKERBL: 3270  
 HORI S: 2692-2693, 2816, 6058  
 HORIGUCHI S: 2694-2695  
 HORIUCHI T: 6369  
 HORIUCHI Y: 6352  
 HORKA G: 5754  
 HORMANN H: 2159  
 HORN RG: 2481, 2696-2697  
 HORNE HW JR: 2699-2700  
 HORNSTRA G: 2701  
 HOROWITZ HI: 2213, 2702  
 HOROWITZ MI: 2703  
 HORS JH: 286  
 HORSFIELD GI: 849  
 HORSTMANN LL: 2704  
 HORSTMANN HJ: 2308  
 HORTA E: 5621  
 HORTA EO: 2705-2706  
 HORTON HR: 2707-2708  
 HORTON WA: 2709  
 HORVATH A: 666  
 HORVATH FL: 1028  
 HORVATH N: 2710  
 HORWITZ BA: 2711  
 HORWITZ J: 6228  
 HORZELA T: 6322  
 HOSHI M: 5884  
 HOSHIMO T: 2712  
 HOSHINO T: 2713  
 HOSIER DM: 3322  
 HOSNEY SH: 725  
 HOSNOY N: 4382  
 HOSSAIN SA: 2803  
 HOSSFELD DK: 5610  
 HOTTA Y: 1949  
 HOU-JENSEN K: 2714  
 HOUCK JC: 997  
 HOUCKE M: 2715, 5361  
 HOUDART R: 1459  
 HOUGH JS: 3910  
 HOUIGIE C: 780  
 HOUKI S: 5885  
 HOUSER JJ: 6716  
 HOUSKOVA J: 1493  
 HOUSMAN D: 2716  
 HOUSTON LL: 2717  
 HOUSTON S: 2718  
 HOUTSMULLER UM: 3238  
 HOVIG T: 1320, 2268, 2719-2720  
 HOVMOLLER S: 3485  
 HOWANITZ LF: 1828  
 HOWARD AN: 575  
 HOWARD EB: 2721  
 HOWARD H: 3855  
 HOWARD SC: 4274  
 HOWARD SM: 2722  
 HOWE CT: 1855  
 HOWELL MJ: 2723  
 HOWELL RS: 6854  
 HOWELL RT: 4403  
 HOWES EL: 4237  
 HOWORKA E: 2724-2725  
 HOY WE: 2726  
 HOYER LW: 2247, 2727  
 HOYERAAL HM: 2728  
 HOYT WF: 5294  
 HRAZDIRA I: 2729  
 HRODEK O: 2730, 3295  
 HRONKOVA-ZOULKOVA J: 2731  
 HRONOVSKY V: 449  
 HRUBISKO M: 1723, 2732, 6170  
 HRUBISKOVA K: 2733  
 HRUBY K: 2734-2735  
 HRUSKOVA J: 5213  
 HSUEH-CHING WANG J: 563  
 HSIA DY: 3786  
 HSIEH H: 2736  
 HSU KC: 165  
 HUANG AS: 325-326  
 HUANG CC: 2737-2738  
 HUANG CL: 2739  
 HUANG SN: 2740  
 HUANG WY: 2741  
 HUAT F D: 2742  
 HUBAY CA: 1378-1379  
 HUBER H: 2743, 4234  
 HUBER JT: 7101  
 HUBER R: 2744  
 HUBNER R: 2910  
 HUCHET J: 1129  
 HUDSON WR: 2529  
 HUEBOTTER RJ: 5723  
 HUESTON JT: 1797  
 HUFFMAN RT: 6908  
 HUFFSTADT AJ: 1894, 2745



# AUTHOR INDEX

HUG G: 2746  
HUGGEL H: 2153  
HUGGINS CG: 2747  
HUGHES DO: 8770  
HUGHES FA JR: 231  
HUGHES LA: 2934  
HUGLI TE: 2748  
HUGO NE: 464  
HUGUES J: 2749, 4817  
HUGUIER M: 2750-2751  
HUISMAN TH: 2752, 6969, 7033  
HUISMAN W: 5539  
HULCHER FH: 4572  
HULE V: 2753-2754  
HULSMANN WC: 2975  
HUMBEL R: 3542  
HUME DM: 8921  
HUMPHREY GB: 6484  
HUMPHREY WT: 2338  
HUMPHRIES SV: 2755  
HUNG TK: 6939  
HUNIG R: 2756  
HUNKAPILLER M: 2757  
HUNSTEIN W: 1114  
HUNT PS: 2758  
HUNT RT: 2759  
HUNT V: 3499  
HUNTER AR: 2759  
HUNTER JA: 2760  
HUNTER RL: 5677, 7089  
HURAJ E: 975  
HURST TM: 4071  
HURT JP: 2035, 2761-2762  
HURTH M: 1459  
HURVITZ AI: 2763  
HUSAIN M: 495  
HUSAIN SS: 2764-2766  
HUSBERG B: 209  
HUSSAIN QZ: 56  
HUSSAIN SK: 5965  
HUSSAR DA: 2767-2769  
HUSTON TM: 2770-2771  
HUTCHISON DC: 2772  
HUTCHISON JH: 74  
HUTH K: 2773  
HUTH S: 5636  
HUTSCHENREUTHER S: 7160  
HUTT MP: 4096  
HUTTON MM: 2774  
HUVOS AG: 37  
HUYNH-TRONG-HIEU: 866  
HVIDBERG E: 2914  
HWANG YF: 2775  
HYDE RM: 5366  
HYMAN LR: 2776  
HYMES AC: 2777  
HYNES HE: 2778-2779  
HYNIE S: 2780

## I

IACOB M: 215  
IACOMI G: 1076  
IADROVA VM: 2781  
IAKHONTOVA OI: 2782-2783, 6628  
IAKOVLEV GM: 6759  
IAKOVLEV IP: 2784  
IAKUBOVSKAIA NIA: 3106  
IAKUBOVSKAIA VI: 4704-4705  
IANKAUSKAIE VI: 556  
IANKOVSKIS EIA: 2162  
IAROSHINSKII IUN: 5284, 6539  
IAROVAIA GA: 4898  
IARUSTOVSKAIA LE: 3743  
IASCHI P: 922, 1990  
IASHVILI VV: 2785  
IATSOZHINSKII IUD: 2786  
IBARRA R: 1345  
IBBOTT FA: 6978  
IBOIAN SR: 2787  
ICHIBA K: 2849-2850  
ICHIHASHI M: 4244  
ICHIKAWA H: 2788, 4822  
ICHIKAWA S: 2694-2695  
ICHIKAWA Y: 2789  
ICKOWICZ R: 1511  
IDE M: 4296  
IDIATULLINA RG: 2790  
IEVE PD: 1654  
IGA Y: 6279

IGNATOVA TN: 5091  
IHLE JN: 2791  
IIDA A: 2849-2850  
IIDA M: 2866  
IIDA S: 2792  
IIDA Y: 7047  
IIJIMA N: 2793-2795  
IIZUKA M: 4406  
IIRI H: 7063-7064  
IKAI M: 4615, 6259  
IKARI H: 2796  
IKEMORI R: 13  
IKENAKA T: 2834  
IKIN EW: 1226  
IKKALA E: 1856  
ILAN J: 2797  
ILTN IM: 606  
ILTN PP: 7180  
ILINCA D: 5129  
ILIUSHECHKINA AI: 3227  
ILTUSHINA IP: 183  
ILLCHMANN K: 1920, 2623  
ILLIG L: 5705-5706  
ILYSHEVA GN: 5912  
IMAGAWA U: 12  
IMAI H: 2798, 3606  
IMAI Y: 2799  
IMAIZUMI T: 6346  
IMAM SA: 2800  
IMAMURA H: 4513  
IMAMURA T: 2801, 6354  
IMBASCIATI E: 5124  
IMMELMAN EJ: 694  
IMMICH H: 6414  
INADA M: 2802  
INADA Y: 2803, 4105  
INAGAKI J: 4589  
INAGAMI T: 1716, 2804, 4663  
INBAR M: 2805  
INBERG MV: 5668  
INCEMAN S: 2806-2807  
INCZINGER F: 3582  
INGELFINGER FJ: 1218  
INGERMAN GIU: 2020  
INGLIS AS: 2806  
INGLOT AD: 7008  
INGRAM GI: 462, 2594, 2809  
INGRAM M: 4521  
INGRISCH H: 2331  
INMAN JK: 2810  
INNERFIELD I: 2811  
INO A: 2812  
INOKUCHI H: 1615  
INON A: 927  
INOSHITA K: 3345-3346  
INOUE H: 12  
INOUE K: 2793-2795  
INOUE N: 3109  
INOUE S: 2376, 2813-2815  
INOUE A: 2816-2817, 3037, 6058  
INOUE M: 4724  
INSULL W JR: 1379, 3529  
INUJ M: 2818  
IOAKIMIDES O: 2819  
IOFFE IUS: 3591  
IOLSTER NJ: 2820  
IONASESCU R: 2821, 6396  
IONESCU MG: 4026  
IONESCU MI: 2822  
IONESCU V: 1184, 6105  
IPPEN H: 2823  
IRIE M: 6546  
IRION E: 2824  
IRITANI N: 2825-2826  
IRMSCHER J: 1846  
IRVINE AR: 2827  
ISAACS WA: 2828  
ISACCHI G: 3978-3979  
ISACSON S: 2829-2831  
ISAKOVA EN: 5886  
ISAWA T: 2832  
ISAYAMA Y: 2833  
ISHERWOOD J: 371  
ISHI K: 7065  
ISHIDA M: 2834  
ISHIDA N: 2835  
ISHIHARA S: 2836  
ISHII S: 6849  
ISHII SI: 266  
ISHIKAWA H: 2837

ISHIKAWA K: 2864  
ISHIKAWA S: 2838, 6253-6254  
ISHIKAWA T: 2839, 7047  
ISHIMORI A: 2840  
ISHIOKA T: 2841  
ISHIYAMA E: 2842  
ISHIZAKA K: 783  
ISHIZAKA S: 274  
ISHIZU H: 2843-2844  
ISIDORI A: 2845  
ISKANDAR W: 87  
ISLAMOV II: 2846  
ISLER O: 2847  
ISOARD P: 1884  
ISOBE J: 3321, 7058  
ISOBE S: 2848  
ISODA S: 2675  
ISOGAI Y: 2849-2850  
ISOJIMA S: 2851  
ISOUN MJ: 4806  
ISRAEL-ASSELAIN R: 2320  
ISRAEL S MC: 4865  
ITKIN A: 6643  
ITO A: 2853  
ITO H: 4376  
ITO K: 2852  
ITO M: 7043-7044  
ITO T: 2853, 3915  
ITSCOITZ SB: 2605  
ITSUSHIMA K: 6481  
IUDIK AA: 5912  
IUFIT SE: 2164, 3959  
IULIKOVA EP: 1684  
IUMASHIKINA AG: 448  
IUNASH NA: 6654-6655  
IURLOV VM: 2854  
IUSHKOVA EV: 6653  
IUSHKOVSKAIA ZP: 7151  
IUSIM EM: 2855  
IVANESKI M: 5538  
IVANIUTA LI: 6040  
IVANIUTA OM: 2856  
IVANOV CP: 1983  
IVANOV EP: 2857-2858  
IVANOV LV: 2859  
IVANOVA AN: 1765, 5851  
IVANOVA LG: 2860  
IVANOVA NP: 2861  
IVANOVA RK: 2862  
IVANOVA TE: 3744  
IVANOVSKII SB: 3228  
IVASKOVA E: 2731, 2894  
IVLEVA AIA: 2863  
IWA T: 6782  
IWAI K: 2864  
IWAMOTO M: 4607  
IWANAGA J: 3312  
IWANAGA S: 4794, 6331-6332  
IWANAGA Y: 2865  
IWASE S: 4097  
IWATA H: 2866, 5885  
IWATA S: 2867  
IWATA T: 6262  
IWATSUKI K: 2868  
IWAYAMA Y: 4443  
IZARD J: 963  
IZARN P: 883, 5827  
IZBICKY A: 2869  
IZMAJLOWICZ I: 3330  
IZUKA K: 4520  
IZUMIYA N: 4766  
IZZO MJ: 6072

## J

JABBARI M: 2870  
JABLOKOW VR: 2871  
JABLON PA: 2872  
JACK B: 1596  
JACKSON DR: 2873-2874  
JACKSON DS: 264, 6171  
JACKSON JM: 759  
JACKSON RL: 2875-2876  
JACKSON SA: 1932  
JACKSON WM: 2877  
JACOB H: 2878  
JACOBELLI G: 2879  
JACOBS HR: 2880  
JACOBS WM: 5247  
JACOBS-LORENA M: 2716



# AUTHOR INDEX

JACOBSEN CD: 2501  
 JACOBSEN JH: 1727  
 JACOBSON JW: 2881  
 JACOBSON MF: 326  
 JACOBSON RR: 2454  
 JACOBSSON B: 2882-2883  
 JACOTOT B: 2183  
 JACQUILLAT C: 489, 2884  
 JAEGER RJ: 2885-2886  
 JAEKEL J: 2887  
 JAENIKE JR: 2888  
 JAFFE BF: 2889  
 JAFFE HL: 2890  
 JAGANNATHAN V: 3049  
 JAGENDORF AT: 5119  
 JAILLARD J: 5831, 6830, 6832-6833  
 JAILLET H: 2565  
 JAIN IS: 2891  
 JAKES R: 4928  
 JAKOB W: 2892  
 JAKOBOVITS A: 2893  
 JAKOUBKOVA J: 2894, 3935-3937  
 JAKUBCZAK E: 2895  
 JAME P: 2896  
 JAMES DG: 2897-2898  
 JAMES DW: 2899  
 JAMES HL: 4000  
 JAMES LS: 323  
 JAMES TN: 2900-2901  
 JAMESON S: 79  
 JAMIESON BA: 2460  
 JAMIESON JC: 230  
 JAN H: 2902  
 JANCOS-GABOR A: 2903  
 JANDA R: 2904-2905, 5109  
 JANDA Z: 6760  
 JANEK J: 3281  
 JANECEK J: 2906  
 JANICKI J: 2907  
 JANICKI K: 603  
 JANIEC W: 2908  
 JANIS R: 2909  
 JANISCH K: 2910  
 JANJATOVIC T: 3413  
 JANOFF A: 2911, 6518  
 JANOVSKI NA: 2012  
 JANSEN CT: 2684-2687, 2912-2913  
 JANSEN JA: 2914  
 JANSEN LH: 2915  
 JANSON JC: 262  
 JANSSON L: 2916  
 JANUSZKO T: 2917  
 JANZ B: 3328  
 JANZEN MK: 3118  
 JAPA J: 2918  
 JAQUENOUD P: 307  
 JARDETZKY O: 5405  
 JARDIN A: 2919  
 JARNUM S: 5274, 6041  
 JAROS Z: 2920  
 JARRETT JH 2D: 2338  
 JARUMILINTA R: 2921  
 JARVINEN M: 2686-2687  
 JARVIS B: 2922  
 JARZYNSKA W: 4482  
 JASTRZEBSKI J: 2923  
 JATON JC: 2924  
 JAVIER RP: 2925  
 JAY AC: 2926  
 JAYAKAR PA: 522-523, 2927  
 JAYARATNAM FJ: 1256  
 JAYAWARDENE A: 2928  
 JAYSON MI: 3707  
 JAZIENICKI B: 7132  
 JEAN R: 2929  
 JEANNEAU C: 884, 6625  
 JEDLICKOVA J: 2930  
 JEDRYCHOWSKI A: 1525-1526  
 JEFFCOATE N: 379  
 JEFFREY JJ: 1627  
 JEKLEROVA J: 1641  
 JELINEK J: 1469  
 JELINEK R: 2931  
 JELINKOVA M: 6241  
 JELJASZEWICZ J: 1247-1248, 2932, 3721-3722  
 JELLINEK H: 6694, 6696  
 JELLINEKS H: 6695  
 JEMELIN M: 2933  
 JENKINS DE: 405, 6177  
 JENKINS DE JR: 7028

JENNINGS JF: 2934  
 JENSEN HM: 2935  
 JENSEN HP: 2936  
 JENSEN NE: 2937  
 JENSEN NK: 2714  
 JENSSON O: 2938  
 JENTSCH D: 5017  
 JENTSCH J: 2939  
 JEREB B: 2940  
 JEREMIC M: 1462  
 JEREMIC M: 1708-1709, 2268, 6122  
 JERGIL B: 2941  
 JERMAN RP: 2942  
 JERNSTROM P: 6305  
 JEROME FN: 5812-5813  
 JEROME H: 2943  
 JEROME H: 3039  
 JEROME H: 5055  
 JERUSHALMY Z: 2266  
 JESKE W: 2944  
 JESSE MJ: 3964  
 JEYASINGH K: 2945  
 JEZKOVA Z: 6242  
 JHA SS: 5835  
 JHAMPERMOON D: 3533  
 JICK H: 5840  
 JIMENEZ IBANEZ JA: 6371  
 JING BS: 3823  
 JIRASEK JE: 3363  
 JIRGENSONS B: 1478, 2946  
 JITARU I: 1515  
 JIVANI SK: 2947  
 JOBIN F: 2948-2951  
 JOBST K: 2952  
 JOFFE N: 2953  
 JOHANOVSKA K: 2954  
 JOHANSEN J: 2955  
 JOHANSEN JT: 2956-2957  
 JOHN DW: 2958  
 JOHN JP: 2747  
 JOHNSON AG: 6857  
 JOHNSON AJ: 2959, 3219, 4206-4207, 5809  
 JOHNSON BC: 1874, 5276-5277  
 JOHNSON BF: 2960  
 JOHNSON BJ: 2961  
 JOHNSON CA: 756-757  
 JOHNSON CM: 2962  
 JOHNSON DC: 2592, 2963  
 JOHNSON DE: 2932  
 JOHNSON HA: 2965  
 JOHNSON JS: 5353  
 JOHNSON L: 2966  
 JOHNSON P: 405  
 JOHNSON PC: 6177  
 JOHNSON RE: 2967  
 JOHNSON SA: 6864, 6995  
 JOHNSTON EH: 4819  
 JOHNSTON WH: 724  
 JOHNSTONE KI: 2848  
 JOHS S: 2968  
 JOIN F: 2969  
 JOKANOVIC R: 6778  
 JOKLIK WK: 6014  
 JONES AE: 1437  
 JONES BM: 2970  
 JONES D: 2971  
 JONES EW: 2972-2973  
 JONES IC: 990  
 JONES IK: 2974  
 JONES IS: 5319  
 JONES MC: 2446  
 JONES NF: 1780  
 JONES T: 897  
 JONES TW: 1602  
 JONG JW DE: 2975  
 JONGHE FE DE: 2524  
 JONSSON AG: 2976  
 JONSSON EK: 3742  
 JOO F: 2977  
 JOOS RW: 2978  
 JOOSTEN EM: 2979  
 JORDAL K: 296  
 JORDAN CM: 1181  
 JORDAN FL: 4219  
 JORDAN HH: 2980  
 JORDAN J: 2981  
 JORDAN JJ: 2621  
 JORGENSEN L: 2720  
 JORGENSEN L: 2982  
 JORI G: 2025, 2983

JORIS H: 4344  
 JORNVALL H: 2984-2986  
 JORPES JE: 4476  
 JORULF H: 1677  
 JOSEPHSON AM: 4775  
 JOSEY WE: 2987  
 JOSHI MS: 2988  
 JOSHI N: 2989  
 JOSLYN MA: 2114  
 JOSSERAND JM: 1190  
 JOSSO F: 286, 617-618, 2990, 4008  
 JOST P: 2991  
 JOUAN P: 2992  
 JOUGLARD JP: 5039  
 JOUHAR AJ: 2993  
 JOUVENCEAU A: 6501  
 JOUVENCEAUX A: 506  
 JOWSEY J: 5579  
 JOZSA L: 2994-2995  
 JUDE JR: 4308  
 JUHL E: 6977  
 JUHLIN L: 2997  
 JUHRAN W: 5665  
 JULICH H: 3231  
 JUNG F: 5023  
 JUNGEMAN D: 2998  
 JUNGMANN H: 601  
 JURASEK L: 2999  
 JURGENS J: 3000-3001  
 JURJESCU O: 1554  
 JURKO A: 3002  
 JURUKOVA Z: 3003  
 JUSSEK EG: 3004  
 JUSTUS J: 3005  
 JUUL AH: 481

## K

KAADEN OR: 3006  
 KAARIAINEN L: 4956  
 KABACHNIK MI: 3007  
 KABAT D: 3008, 5557  
 KABINS SA: 3009  
 KABUTA H: 7051  
 KACHKOV AP: 5823  
 KADAGHIDZE ZG: 1024  
 KAFFARNIK H: 3010, 4226  
 KAGAMI M: 3011  
 KAGAMI Y: 3012  
 KAGAMIYAMA H: 3013  
 KAGAN HM: 3014  
 KAGNOFF MF: 3015  
 KAHANEC D: 1360  
 KAHLERT F: 6243  
 KAHN DR: 5927  
 KAHN JR: 1501, 5979  
 KAHN M: 6691  
 KAHN MF: 2280  
 KAHN MJ: 685, 3016  
 KAHN MR: 3229  
 KAHN RA: 3017  
 KAHN SB: 3589  
 KAIBARA M: 1944, 3018  
 KAISER ET: 2509  
 KAISER G: 4442  
 KAISER II: 2145  
 KAJIWARA N: 4810  
 KAKADE ML: 3019-3020  
 KAKIMOTO Y: 3460  
 KAKIZAKI H: 2447  
 KAKKAR VV: 1912, 3021-3026, 5341  
 KAKO KJ: 2737, 3167  
 KAKUTA H: 3172  
 KALAKUTSKII LV: 3027  
 KALANTAR NR: 3028  
 KALEKO SP: 2306  
 KALHAN SC: 3029  
 KALIAGINA VP: 3030  
 KALIMAN VA: 6676  
 KALININA LV: 292  
 KALINKE H: 1692  
 KALISHEVSKAIA TM: 3430-3431, 3433  
 KALLAI L: 4010  
 KALLENBACH NR: 2152  
 KALLER H: 3031-3032  
 KALINIKOS-MANIATIS A: 3033  
 KALLUP G: 6527  
 KALO E: 1857  
 KALOGJERA V: 4130  
 KALOW W: 751



# AUTHOR INDEX

KALRA IS: 3034  
 KALUGIN AS: 3836  
 KALUGINA GN: 208  
 KAMAT DN: 3035  
 KAMEI H: 6794  
 KAMEI K: 1941, 4703  
 KAMEL A: 4324  
 KAMEN MD: 1576, 4025  
 KAMEYAMA S: 3036  
 KAMINJOLO JS: 3816  
 KAMINO K: 3037  
 KAMINSKI Z: 4841  
 KAMIYA K: 3038  
 KAMIYA T: 5571  
 KAMMERMEYER K: 6615  
 KAMOUN P: 2943, 3039, 5055  
 KAMOUN PP: 3040  
 KANAYA H: 3041, 3470  
 KANDA K: 3042  
 KANDE J: 1219  
 KANDRACOVA E: 6583  
 KANDUTSCH AA: 2589  
 KANEKO H: 6334  
 KANEKO Y: 7717  
 KANESHIRO MM: 3043  
 KANG AH: 3044  
 KANIUGA Z: 810, 7110  
 KANNO M: 2792  
 KANO M: 2375  
 KANOE M: 3045  
 KANSKA B: 4586  
 KANTARDJIEV V: 6682  
 KAO CL: 3693  
 KAPADIA P: 5780  
 KAPLAN AP: 2120, 3046, 5051  
 KAPLAN BS: 3047  
 KAPLAN FS: 5910  
 KAPLAN GW: 447  
 KAPLAN H: 3048  
 KAPLAN HS: 900-901  
 KAPLAN MH: 1690  
 KAPLAN NO: 5428, 6929  
 KAPLAN WD: 1408  
 KAPLAY SS: 3049  
 KAPLUN MS: 3050  
 KAPOOR NK: 3051, 4616  
 KAPOSTAS J: 2902  
 KAPP JP: 6115  
 KAPPLER HA: 2621  
 KAPTIUKH RF: 3052, 6781  
 KARACSONYI S: 3053  
 KARADY G: 3053  
 KARAFIN L: 3054  
 KARAKI T: 2801  
 KARAPALLY JC: 3055  
 KARASNOIARSKAIA MP: 3056  
 KARATAY S: 3057  
 KARCHER KH: 3058  
 KARDASZEWICZ E: 2918  
 KARE MR: 428  
 KAREV NI: 3059  
 KARGASHIN IA: 82  
 KARGES HE: 2159, 3060  
 KARITZKY D: 3061  
 KARKALITSKAIA GV: 3062  
 KARKALITSKII IM: 3062  
 KARL M: 6142  
 KARLSSON FA: 3063  
 KARMODY AM: 3517, 4128  
 KARNOFSKY DA: 4696  
 KARPAS CM: 3064  
 KARPATKIN M: 3065  
 KARPATKIN MH: 2959  
 KARPATKIN S: 3066-3067, 4272  
 KARPINSKAIA VM: 3068, 6682  
 KARPINSKI H: 3069  
 KARPOV MV: 3070  
 KARPOVA GV: 2138  
 KARPPINEN K: 3071  
 KARTASHEVSKII NG: 1802, 3072  
 KARTIN P: 3073  
 KARTINOS NJ: 2051  
 KARYOFILIS A: 3074  
 KASABIAN SS: 3075  
 KASAI M: 2373  
 KASAI N: 3076  
 KASAI Y: 3077  
 KASATKINA ID: 556, 3078  
 KASBARIAN M: 3617  
 KASCHE V: 3079

KASHIN AS: 3080  
 KASHIWAGI N: 4765, 6114  
 KASKI P: 4662  
 KASPER CK: 3043  
 KASPEROVICH NK: 5203  
 KASSAB R: 1380  
 KASSARICH J: 5468  
 KASSENS WD JR: 3081  
 KASSIL' VA: 183  
 KASSUR B: 4584  
 KASUKAWA R: 7091  
 KATALIN Z: 3082  
 KATAOKA K: 2816-2817, 3480, 6058  
 KATAOKA S: 6576  
 KATCHALSKI E: 1107, 3724, 3733  
 KATIRCIOGLU S: 3057  
 KATO H: 3083  
 KATO I: 3084-3085  
 KATO M: 6354  
 KATO T: 3086, 4230  
 KATORI M: 3087  
 KATS IZ: 6722  
 KATSAS AG: 3088  
 KATSUI Y: 7046  
 KATSUKI S: 311  
 KATSUMI O: 5571  
 KATSUYAMA N: 3089  
 KATTERMANN R: 3090  
 KATTOLOVE HE: 3091-3092  
 KATZ AH: 3093  
 KATZ J: 2168, 3094, 3829  
 KATZ LN: 5329  
 KATZ PL: 6176  
 KATZ WA: 3095  
 KATZE J: 3315  
 KAUFER C: 2313  
 KAUFF RE: 50  
 KAUFFMAN P: 7009  
 KAUFFMAN HE: 2827  
 KAUFFMANN G: 4564  
 KAUFFMANN J: 3096, 3243  
 KAULLA E VON: 3097  
 KAULLA KN VON: 178, 3097  
 KAULLA KN VON: 3098  
 KAULLA KN VON: 4096, 6840  
 KAVERZNEVA ED: 5902  
 KAWAFUCHI JJ: 3099  
 KAWAHARA K: 7095  
 KAWAI G: 327  
 KAWAI S: 6271  
 KAWAI T: 2447  
 KAWAKITA M: 3109  
 KAWAKITA Y: 3100, 4292  
 KAWAMOTO M: 3101  
 KAWAMURA J: 3102  
 KAWAMURA K: 3312  
 KAWANO T: 3103  
 KAWASAKI S: 5206  
 KAWASE M: 4507  
 KAWAUCHI F: 3303  
 KAWAZU T: 1940  
 KAY G: 3104  
 KAY HE: 254, 3105  
 KAYAMA K: 2851  
 KAZAKOVA VA: 3106  
 KAZEMI H: 3107, 3851  
 KAZIEVA NK: 5548  
 KAZIMIRKO NK: 3108  
 KAZIRO Y: 3109  
 KAZMIER FJ: 3110-3111  
 KAZNACHEEV VP: 3112-3113, 3801  
 KEARNS DR: 944  
 KEDA IUM: 5970  
 KEDRA M: 3114  
 KEE JL: 6442  
 KEECH GM: 3654  
 KEELE CA: 3115  
 KEFALIDES NA: 1364, 3116  
 KEILIN SL: 3117  
 KEINOVA IE: 5150  
 KEISEVICH LV: 5516  
 KELCH RP: 3118  
 KELEMEN E: 3119  
 KELLER-BACOKA M: 3120  
 KELLER GH: 1266  
 KELLER HI: 5727  
 KELLER PJ: 115  
 KELLER R: 2070, 3121  
 KELLER-SCHIERLEIN W: 322  
 KELLERER K: 413

KELLERMEYER N: 2952  
 KELLERMEYER RW: 3122, 5756  
 KELLY G: 3123  
 KELLY GL: 3124  
 KELLY JW: 3125-3126  
 KELLY M: 1599  
 KELMAN CD: 3127  
 KELSTRUP J: 3128  
 KEMKES B: 1922  
 KEMMER C: 1846  
 KEMP A JR: 3129  
 KEMP RB: 2970  
 KEMPE LG: 3391, 5068  
 KEMPERS RD: 6962  
 KEMPF Y: 5556  
 KENDAL AP: 3130  
 KENDALL AR: 3054  
 KENDRICK E: 299  
 KENEZ J: 1268, 3131  
 KENIS Y: 3132  
 KENNEDY AC: 2774  
 KENNEDY BJ: 3133  
 KENNEDY CC: 1836  
 KENNEDY JH: 33  
 KENNY AJ: 3134, 7011  
 KENT G: 3146  
 KENT FW: 3135  
 KENWRIGHT MG: 4577  
 KENYON AJ: 2721  
 KERBAOL M: 4926  
 KERBY GP: 3136  
 KEREKES M: 3137  
 KERMAREC J: 1571  
 KERN F JR: 3981  
 KERNISH AI: 2226  
 KERR AG: 6018  
 KERR MM: 74  
 KERR RH: 3138  
 KERR SJ: 3139  
 KERTH WJ: 2592  
 KESAREVA OIU: 4016  
 KESAVA RAO KV: 3140  
 KESHISHIAN SG: 3141  
 KESSINGER A: 3142  
 KESSLER DL: 4523  
 KESSLER I: 3143  
 KESTERSON JW: 3144  
 KETCHAM AS: 5541, 6175  
 KETT K: 1582  
 KEUTMANN HT: 3145  
 KEW M: 3146  
 KEYSER JW: 3147  
 KHACHUMOV GL: 3148  
 KHAETENE M: 6245  
 KHAI TM: 6635  
 KHAIRULINA SK: 3149  
 KHAKOO Y: 6008  
 KHALED LZ: 4325  
 KHAN MA: 4547  
 KHANDL J: 975  
 KHANNA DS: 212  
 KHARIF MD: 3150-3151  
 EL-KHAWAS P: 1251, 3152  
 KHAYAT MH: 3153  
 KHEINONEN IM: 3154  
 KHIDOIATOV MA: 5150  
 KHIL'KIN AM: 435  
 KHIL'KO VA: 3155  
 KHINKOV KH: 4948  
 KHNYCHEV SS: 4720, 6276  
 KHODAKOV IG: 3156  
 KHODOROVA EL: 5259  
 KHOKHLOVA TB: 3440-3441  
 KHOLODILINA IM: 3154  
 KHOMIAKOV NI: 5996  
 KHOOK KA: 3157  
 KHOROSKO ND: 1735  
 KHRAMTSOVA GG: 4199-4200, 5093  
 KHRUSHCHEVA EA: 3158-3160, 3277-3278  
 KHUNDADZE SSH: 2309, 3161  
 KHVISIUK NI: 3344  
 KIBLER RF: 6986  
 KIBRICK S: 2222  
 KIDDER DE: 2591  
 KIDNER PH: 4882  
 KIEFFER E: 881  
 KIEFFER J: 3691  
 KIEFFER SA: 152  
 KIEHN ED: 3162  
 KIELLEY WW: 1629



# AUTHOR INDEX

- KIELY JM: 3163  
KIENCKE H: 5741  
KIENY R: 187, 6839  
KIERSZENBAUM F: 3164  
KIESSLING H: 3165  
KIKTEVA LK: 4903  
KIKUCHI A: 3166  
KIKUCHI T: 3167  
KIKUTANI M: 7061  
KILLEN DA: 3168  
KILLIAN FL: 6873  
KIM M: 5884  
KIM S: 4834  
KIMENIS AA: 3169  
KIMURA E: 3170  
KIMURA I: 3171  
KIMURA M: 3172, 3291  
KIMURA T: 3173, 3477  
KIMURA Y: 3174-3175  
KINCAID-SMITH P: 1094-1095, 3176-3177  
KINDERLERER JL: 5262  
KINDHAUSER V: 5715  
KING EA: 4035  
KING HK: 868  
KING RA: 3178  
KING RC: 3245  
KING RG: 1164  
KING RJ: 6135  
KINGDON HS: 360, 2144, 2515, 3179  
KINGMA MJ: 3180  
KINLOUGH RL: 5338  
KINLOUGH-RATHBONE RL: 3181  
KINNER JA: 4194  
KINOSHITA S: 3182  
KINT J: 934  
KINZEL V: 3183  
KIPPER RK: 3184, 3664-3665, 4754  
KIPNES RS: 281  
KIPNIS DM: 1592  
KIRCHHOFF PG: 3304  
KIRCHMAYER S: 3185  
KIREEVA RIA: 3186-3187  
KIRICHUK VF: 3188-3189  
KIRUSHCHENKOV AP: 610  
KIRSCH W: 3190  
KIRSCH WM: 3191  
KIRSCHKE H: 3192-3193  
KIRSCHNER K: 3194  
KIRSCHNER LP: 5656  
KISELEV AE: 3195, 6726  
KISER EJ: 1477  
KISER R: 1477  
KISHINO Y: 2618  
KISHORE B: 5652  
KISKER CT: 3196-3197  
KISS T: 4872  
KISSIN AG: 3198  
KISSLER F: 3199  
KISSMEYER-NIELSEN F: 72, 3200, 6057, 6288-6289  
KISTLER HJ: 5738  
KISTNER RL: 3201  
KITA E: 7095  
KITABCHI AE: 3202  
KITAGAWA M: 6848  
KITAHARA T: 6586  
KITAMURA K: 3203  
KITAMURA M: 3204  
KITAMURA T: 7047  
KITAWAKI T: 7095  
KITSUKAWA H: 2865  
KITTO GB: 1864  
KIYOHARA M: 13  
KIYOSHIMA S: 3205  
KIYOTA S: 7094  
KIZIM AI: 6516  
KJELDSSEN K: 3206  
KJELLMAN H: 3207  
KJELLMAN O: 4623, 6025  
KLAMUT M: 3208  
KLAPP B: 3209  
KLASSEN A: 6518  
KLASSEN J: 3210  
KLATT R: 2512  
KLEBE RJ: 5512  
KLECZYNSKI S: 3211, 5109  
KLEE WA: 3212  
KLEIMAN JH: 3213  
KLEIMANS M: 3214  
KLEIN F: 5205, 5556  
KLEIN HO: 3596  
KLEIN HZ: 3215  
KLEIN JM: 3216  
KLEIN KG: 3841  
KLEIN MD: 3217  
KLEINE R: 3218  
KLEINER GJ: 3219, 4207  
KLEINKNECHT D: 3039  
KLEINMAN PD: 3220  
KLEMER A: 3221  
KLEMM GM: 3222  
KLENER P: 1494  
KLENOW H: 3223  
KLERK H DE: 1576  
KLEYNHANS P: 3224  
KLIACHKIN LM: 3225  
KLIACHKO VR: 5644  
KLIGMAN AM: 4860  
KLIMAN A: 3226  
KLIMENKO ED: 1027  
KLIMOV IA: 3227-3228  
KLINE SN: 3229  
KLINGLER M: 3230  
KLINK F: 3241  
KLINK K: 3231  
KLOCHKOV ND: 3232  
KLOCKING HP: 3233, 4021, 6745  
KLOEZE J: 3234-3238  
KLUMP J: 3239-3240  
KLOPPE W: 387  
KLOPPSTECH K: 3241  
KLOSTER FE: 3242  
KLOSTERHALFEN H: 3243  
KLOTZ IM: 3244, 6295  
KLUETZ MD: 4735  
KLUG WS: 3245  
KLUGE A: 3246  
KLYNSTRA FB: 3247  
KLYSZEJKO-STEFANOWICZ L: 370  
KNAPP E: 2672  
KNAUER TE: 4087  
KNAUST K: 3328  
KNECHT LH: 414  
KNEZEV B: 1462  
KNIAZHETSKII SM: 2086  
KNIERIEM HJ: 3003  
KNIGHT JV: 405  
KNIGHTS SF: 2809  
KNOBLOCH I: 3248  
KNOBLOCH R: 470  
KNOBLOCH W: 3248  
KNOCH H: 5789  
KNOCK FE: 3249  
KNODELL RG: 3250  
KNORPP K: 5751  
KNOSPE WH: 3607  
KNOTHE J: 1840  
KNOTHE W: 3251  
KNOX RB: 3252  
KNUDSEN FU: 3253  
KNUTH A: 4162  
KNUTRUD O: 668, 5398  
KOBALADZE SG: 3254  
KOBAYAKAWA T: 4514  
KOBAYASHI A: 3255  
KOBAYASHI N: 3915  
KOBAYASHI R: 1615  
KOBAYASHI Y: 3256, 4793  
KOBBERG W: 5670  
KOBERNICK S: 6257  
KOBILKOVA J: 1721-1722, 3257  
KOBLOV LF: 3258-3259  
KOBRIK VA: 1053  
KOCANDRLE V: 432  
KOCH AL: 4529  
KOCH GL: 3260  
KOCHNEV J: 3261, 5803-5804  
KOCHOLATY WF: 1318  
KOCHWA S: 6896, 6898  
KOCASAR L: 4196  
KOCASAR E: 3263  
KOCZE A: 6694, 6696  
KOENIG MG: 2481, 2697  
KOENIG R: 3264  
KOEPEKE JA: 3265  
KOFOED JA: 3266  
KOGA M: 6343  
KOH TY: 3267  
KOHLS SG: 5052  
KOHLE H: 223  
KOHLE JJ: 49, 4815  
KOHLE M: 3268  
KOHLEIN HE: 3269  
KOIDA M: 3270-3271  
KOIDE A: 3272-3273  
KOIDE F: 3274  
KOIE K: 5571  
KOIKE Y: 6762  
KOJ A: 3874  
KOJIMA F: 180  
KOJIMA K: 3275, 4293  
KOJIMA S: 4607  
KOK P: 237  
KOKEVA RA: 3276  
KOKHAN EP: 3277-3278  
KOKUBU T: 3279-3280, 6571  
KOLAR J: 3281  
KOLDOVSKY O: 2610  
KOLE H: 3282-3283  
KOLE L: 4547  
KOLE W: 3284  
KOLESNIKOV GS: 6662  
KOLESNIKOV IUN: 3285  
KOLESNIKOVA IS: 2086  
KOLESNIKOVA RS: 3158  
KOLESOV DV: 5153  
KOLFF WJ: 1407  
KOLHOFF H: 493  
KOLINSKA J: 3286  
KOLLER F: 3287  
KOLLMAN M: 4342  
KOLMEN SN: 1553, 7098  
KOLODIE L: 1170, 2652, 4430  
KOLODZEISKAIA MV: 3306, 6547  
KOLOMINA SM: 3431  
KOLOSOVA IV: 1684  
KOLTUN RK: 324  
KOLUSHCHINSKAIA RF: 3288  
KOMAROV LS: 3289  
KOMAROVA IA: 3290  
KOMATSU A: 3291  
KOMATSU N: 3076  
KOMATSU SK: 1405  
KOMI N: 3292-3294  
KOMINEK J: 3295  
KOMMERELL B: 3296  
KOMP DM: 3297-3301  
KON S: 3302-3303  
KONCZ J: 3304  
KONDA C: 4589  
KONDI V: 3305  
KONDILENKO AG: 3306  
KONDO H: 3307  
KONDO M: 2692, 3205, 3308  
KONDO S: 3307, 3309-3311  
KONDO SI: 3312  
KONDRASHOVA VP: 1862  
KONIECZNY L: 603  
KONIG A: 3313  
KONIG J: 3314, 5546, 6285  
KONIGSBERG W: 3315, 5067  
KONIGSMARK BW: 6073  
KONIJN AM: 3316-3317  
KONING HG: 960  
KONISHI K: 4723  
KONTUKHOV SG: 3318  
KONO N: 3319  
KONO T: 227, 3320  
KONO Y: 3321, 7058  
KONRAD H: 2295, 3646, 5741  
KONSTANTINOVA GD: 3592  
KONTRAS SB: 3322, 6823  
KONTUREK S: 3323, 6322  
KONURALP HZ: 3324  
KOOK AI: 3325  
KOOPMANS RK: 6951  
KOORNHOF HJ: 3047  
KOOS T: 1516  
KOOS WT: 3326  
KOOSTRA WL: 6013  
KOPEC M: 4934, 5470, 6097  
KOPEC Z: 825  
KOPETS E: 820  
KOPKA ML: 1422  
KOPP H: 3328  
KOPP WK: 3329  
KOPPEL JL: 4757  
KOPYSC Z: 2303, 3330  
KORALNIK O: 2099-2100  
KORBS E: 2635



# AUTHOR INDEX

KORCZAK K: 3331  
KORDICH L: 3214  
KORDT KF: 4558  
KOREGIN VA: 3332  
KOREVE V: 3333  
KORLOF B: 3334  
KORMAN NP: 6699  
KORNALIK F: 3335  
KORNBERG A: 805  
KORNFELD R: 3336-3337  
KORNFELD S: 3336-3337  
KORNISZEWSKI L: 1584  
KORNS ME: 5755  
KOROLENKO VP: 3449, 6658  
KOROLKO A: 1852, 3114, 3208, 3338  
KOROTKO GF: 3339  
KORSAN-BENGTSEN K: 3340  
KORSUNOV VV: 3341-3342  
KORSUNSKAIA SM: 5646  
KORSYN VF: 5293  
KORTING GW: 3343  
KORYCKI J: 1466  
KORZH AA: 3344  
KOSACH GA: 3645  
KOSAKI G: 3345-3346  
KOSAKOWSKI MH: 3347  
KOSHELEVA LI: 3348  
KOSHIBA K: 3349  
KOSITCHEK RJ: 3350  
KOSKOVA D: 3397  
KOSKOWSKI H: 1796  
KOSMIDER S: 5211  
KOSORUKOVA NIA: 3449  
KOSTENKO MA: 2011  
KOSTERING H: 3304, 3351  
KOSTIANOVSKY M: 6136  
KOSTIUK NV: 3352  
KOSTKA V: 3353  
KOSTRZEWSKA E: 3689  
KOTANI M: 3354  
KOTELCHUCK D: 3355, 3658  
KOTHE W: 283  
KOTILAINEN M: 3356-3357  
KOTLAREK-HAUS S: 3358  
KOTOKU I: 2803  
KOTONYA AO: 6277  
KOTOVSHCHIKOVA MA: 1271  
KOTSCHY M: 289, 3359-3360  
KOTSIUBINSKII AP: 3667  
KOTTER A: 3361  
KOTTLORS W: 3362  
KOUNTZ SL: 3808  
KOUTSKY J: 3363  
KOVAC W: 1367  
KOVACS A: 3137  
KOVACS E: 3364  
KOVACS IB: 2188  
KOVALEV IE: 3365-3366  
KOVALEV MM: 3367  
KOVALEVA AG: 125  
KOVALEVA EV: 3368  
KOVALEVA LG: 3365  
KOVALEVA TN: 3430  
KOVAL'SKII GS: 3187  
KOVER G: 3975  
KOVRIZHNYKH ND: 3062  
KOWALCZYK J: 2907  
KOWALEWSKI S: 5488  
KOWALLIK KV: 2556  
KOWALSKA W: 5345  
KOWALSKI E: 3369  
KOWALSKI J: 3819  
KOWARZYK H: 289  
KOYANAGI K: 6044  
KOYANO M: 3302  
KOYLUOGLU AO: 3370  
KOZAK LP: 3371  
KOZINSKI AW: 4258  
KOZIOLOWA H: 3372  
KOZLOV GA: 3373  
KOZLOV NB: 3374  
KOZLOV NE: 3375  
KOZLOVA IA: 3376  
KOZLOVA MA: 1928, 3377  
KOZLOVA ZP: 2023  
KOZLOVA-LAVRINENKO TE: 3446  
KOZLOWSKA F: 4925  
KOZMINSKI R: 2169  
KRAAYENHOF R: 3378  
KRAFT D: 1367

KRAHN J: 3379  
KRAJNY M: 6043  
KRAKOFF IH: 4696  
KRAKOVSKII NI: 3380  
KRAMER D: 3465  
KRAMER K: 3381  
KRAMER S: 6404  
KRAMER SG: 3382  
KRANTZ S: 423  
KRANZ H: 3383  
KRASIK IAD: 3384  
KRASNOPEROV FT: 3385  
KRASNOV NI: 3157  
KRASOVSKAIA EA: 1293  
KRATT E: 36  
KRAUSE H: 3386  
KRAUSE RJ: 1203-1204  
KRAUSS J: 3387  
KRAUT J: 1901  
KRAUZE S: 3388  
KRAUZE-JAWORSKA H: 3418  
KRAVCHUK AN: 3428  
KRAVCHUK PIA: 3389  
KRAWCZYK Z: 7106  
KREBS EG: 7000  
KREEL L: 3390  
KREIER JP: 5773  
KREIL G: 5120  
KREISLER S: 1418  
KREISSIG I: 3698-3699  
KREKORIAN EA: 3391  
KREMER J: 793  
KREMPIEN B: 581  
KRENN SJ: 4071  
KREPLER P: 1827  
KRESBERG H: 3329  
KRETSCHMER H: 3392  
KREUZER F: 3393  
KREUZER K: 3394  
KREUVANS JR: 1654  
KREZEL Z: 3395  
KRIEG K: 2892  
KRIEG RH: 5518-5521  
KRIEG RJ: 5677  
KRIEGER RI: 3396  
KRIGMAN MR: 2201, 2761-2762  
KRIKLAJA J: 3397  
KRISCH K: 3209  
KRISHNA MURTI CR: 5651  
KRISHNASWAMY K: 3398  
KRISSE AE: 3399  
KRISTEN H: 3400  
KRISTENSEN M: 1060  
KRISTIANSEN H: 3401  
KRITCHEVSKY D: 3402  
KRIVINE JM: 3403  
KRIVIT W: 3992  
KRIVIT WJ: 2155  
KRIVORUCHKO RA: 3404  
KRIZ JJ: 3405  
KRIZSA F: 3406  
KROGER A: 3407  
KROGER W: 5742  
KROGH HK: 3408  
KROL J: 4249  
KROL W: 3409  
KROMAT EM: 5744  
KRONE HA: 6229  
KRONEBERG G: 5219  
KRONENBERG H: 3735  
KRONER H: 3410  
KROPATKIN M: 5411  
KROPEL'NITSKAIA MV: 4085  
KROSCH E: 3411  
KRS V: 3412  
KRSMANOVIC V: 5820  
KRSTIC A: 3413  
KRUCINSKA J: 4249  
KRUEGER RF: 4132  
KRUGER J: 5017  
KRUGER W: 5710  
KRULL PE: 4997  
KRUPP PJ JR: 3414  
KRUSCH G: 6746  
KRUSE H: 3415  
KRUTIKOV VA: 1735, 6403  
KRUTOVSKAIA OV: 55, 3416  
KRYGIER T: 3417  
KRYKOWSKI E: 3418, 4461  
KRYLOV AA: 3419

KRYLOVA NF: 6722  
KRYLOVA RI: 3420  
KRZECZKOWSKA E: 1968  
KRZYSZTOLIK Z: 167  
KRZYZANOWSKI W: 4871  
KUANYSHBAEV SK: 5911  
KUBA K: 5339  
KUBANGALEEV SM: 3421  
KUBASIEWICZ B: 2597  
KUBICEK IR: 3953  
KUBIN V: 3422  
KUBISZ P: 3423-3425  
KUBOTA T: 3291  
KUCHARSKA K: 3426  
KUCICH U: 3427  
KUDINKINA IP: 3622-3623  
KUDINSKII IUG: 3428  
KUDREWICZ-HUBICKA Z: 3429  
KUDRIASHOV BA: 3430-3434, 4904, 5531  
KUEHL WM: 45  
KUEHN JJ: 3642  
KUEPPERS F: 2543, 3435, 3552, 3680  
KUETTNER KE: 1630  
KUFFER F: 3436  
KUGLER HW: 1508  
KUHBOCK J: 1613, 2631, 3598  
KUHLGATZ G: 3437  
KUHN C 3D: 3438  
KUHN IN: 835  
KUHN K: 2159, 3060, 5125  
KUHN W: 580, 6414  
KUIPER DH: 3439  
KUJAT G: 6904  
KUKEL' AS: 3440-3441  
KUKHTEVICH II: 3442  
KUKLA D: 2744  
KUKRAL JC: 1470  
KUL'BERG AIA: 3443  
KULESHOV EV: 3444-3445  
KULESHOVA IUA: 3446  
KULESHOVA IUI: 3444  
KULESHOVA IUI: 3445  
KULICH V: 3447  
KULIEV SHB: 3448  
KULIKOVA VS: 3449  
KULISEK D: 3002  
KULLANDER S: 4603  
KULLGREN B: 2409  
KUMADA M: 3255  
KUMAGAI H: 3450  
KUMAGAI N: 3451-3452  
KUMAOKA H: 7092  
KUMAR S: 3453-3455  
KUMENTO A: 3456  
KUMMER H: 3457-3459  
KUMON A: 3460  
KUNDU N: 3461  
KUNICKI A: 3462-3463  
KUNIEWICZ Z: 340  
KUNIMOTO S: 6596  
KUNKEL HG: 918  
KUNKEL W: 5712  
KUNRAT IA: 6706  
KUNST H: 3596  
KUNST VA: 3464, 3909  
KUNTZ D: 3633  
KUNTZE A: 1790  
KUNZE H: 3465  
KUNZE J: 5749  
KUNZER W: 3061, 3467, 6506, 6882, 6992, 7164  
KUPFER D: 3468  
KUPFER DJ: 7039  
KUPFER S: 6528  
KUPNOVITSKAIA IG: 3469  
KURAMITSU H: 3470  
KURAMOTO A: 3471-3472  
KURAN L: 1984  
KURATA K: 6329  
KURATA Y: 4723  
KURATE LV: 2309  
KURBAN AK: 3473-3474, 6563  
KURGUZOV OP: 3475  
KURIEN VA: 3476  
KURIKI Y: 3109  
KURINNA NV: 6036  
KURLAND G: 1004  
KUROKAWA I: 3477  
KUROOKA S: 6617  
KUROYANAGI T: 5572  
KURTEWA B: 3478



# AUTHOR INDEX

KURTH D: 1336, 3479  
KURTZ LH: 1670  
KURUHARA H: 677  
KURUMA I: 3480  
KURUP PA: 1402  
KURZE T: 6356  
KUS H: 3481  
KUSA O: 2480  
KUSCH D: 5961  
KUSEL HJ: 3482  
KUSHELEVSKII BP: 3483  
KUSIONOWICZ J: 4249  
KUTAKOV OI: 3484  
KUTAS V: 4196  
KUYLENSTIERNA B: 3485  
KUYTEN RH: 738  
KUZMAN WJ: 3486  
KUZMENKO EL: 3487  
KUZMIN VA: 1271  
KUZMINOV OD: 5215  
KUZNIK BI: 3487-3488  
KVAM DC: 4549  
KVARSTEIN B: 3489-3490  
KWAAN HC: 496, 747, 3491  
KWAK KS: 6246  
KWAN-GETT CS: 1407  
KWART L: 5928  
KWIECINSKI R: 8604  
KYSLEKA R: 3492  
KYU MH: 3493

## L

LAAKE K: 3494  
LABAT JP: 1531  
LABINSKAIA AS: 3495  
LABORIT H: 3496, 4781  
LABOUESSE B: 1996  
LABROSSE E: 1199  
LA CELLE PL: 3497  
LACH B: 2123  
LACHE M: 3498  
LACHOWICZ T: 5102  
LACKNER H: 3499  
LACKO AG: 787, 2204  
LACOMBE E: 5275  
LACZKO J: 6487  
LADEFOGED J: 3500  
LA FEMINA A: 6371  
LAFFARGUE P: 3501  
LAFORET J: 1558  
LAGACE A: 986  
LAGAUSIE P DE: 2750  
LAGAUSIE P DE: 2751  
LAGERLOF H: 5752  
LAGHI V: 3502  
LA GRANGE LD: 632  
LAGRANGE LD: 633  
LAGROT F: 3503  
LAGRUE G: 349  
LAGUTINA NIA: 3504  
LAHLOU B: 5556  
LAHMANN H: 6822  
LAI CH: 1015  
LAI CY: 3270-3271  
LAIDLAW SJ: 3505  
LAIHO K: 4468, 5590  
LAIN L: 1686  
LAINE E: 3506  
LAISSUE J: 3459  
LAIWAH AC: 3507  
LAJTHA A: 1623  
LAKI K: 458, 1749  
LAKIER JB: 3508  
LAKIN KM: 3509-3512, 4201  
LALLOUETTE P: 3513, 5368  
LAM KW: 5615  
LAMBERT EC: 5955  
LAMBERT PB: 3514  
LAMBERTZ J: 3515  
LAMBIE JM: 3516-3517  
LAMBLOTTE M: 1219  
LAMENSANS A: 3518  
LAMISSE F: 3519  
LAMOLA AA: 1631  
LAMONT DM: 334  
LAMPIN JO: 3899  
LAMPINEN V: 5225  
LAMPUGNANI P: 940  
LAMVIK J: 2728, 3520

LAMY F: 6603  
LANCASTER JR: 1995  
LANCASTER-SMITH MJ: 3521  
LANCKMAN M: 1406  
LANDAIS H: 1339  
LANDAU JW: 1942  
LANDESMAN EG: 1669  
LANDMAN H: 3522  
LANDMANN H: 3523, 4021  
LANDON M: 5086  
LANDS WE: 3213  
LANDUREAU JC: 3524-3525  
LANDY MS: 6908  
LANE JM: 4166  
LANFRANCHI R: 5553  
LANG EK: 3526, 4987  
LANG H: 3527  
LANG K: 3528  
LANG PD: 3529  
LANG RE: 4790  
LANGAN TA: 3530, 4158  
LANGE AJ: 1751  
LANGENHUYSEN MM: 3531  
LANGER B: 3532  
LANGER BW JR: 3533  
LANGER RM: 3066  
LANGFELDER M: 3534  
LANGFITT TW: 3535  
LANGFORD C: 6165  
LANGMAN MJ: 6357  
LANGR F: 4135  
LANIER VC JR: 634, 4364, 6420  
LANDDOWN EL: 6798  
LANSELY TS: 1665-1666  
LANZAFAME A: 1431  
LANZKOWSKY P: 2585-2587  
LAPERROUZA C: 2099-2100  
LAPIERE CM: 3615  
LAPIS A: 5648  
LAPLANE R: 3536  
LAPP N: 5346  
LAPRAS C: 2199  
LARCAN A: 3537-3539, 6199-6201  
LARDENNOIS B: 498  
LARENA-AVELLANEDA A: 3540  
LARENG L: 3541  
LARGIADER F: 3542  
LARICHEVA NI: 3543  
LARIONOV VG: 103  
LARIOS RK JR: 3544  
LAROSA JC: 3545  
LARREGUE M: 1334  
LARRIEU MJ: 489, 3546, 4221-4222  
LARRIMER NR: 3547  
LARSEN HW: 3548  
LARSEN M: 3549  
LARSEN NA: 1062  
LARSEN SB: 4480  
LARSEN TE: 3550-3551  
LARSON RK: 3552  
LARUE JN: 3553  
LARUELLE C: 3554  
LASCARI AD: 443  
LASCH HG: 2504, 3555-3560, 3705, 4418, 4438  
LASCH J: 3193  
LASFARGUES G: 1485, 3536  
LASH AF: 3561  
LASHCHEVKEV VM: 3562  
LASIERRA CIRUJEDA J: 3563  
LASKOWSKI M JR: 2616-2617, 4176  
LASSMAN HB: 131  
LASTER L: 4416  
LASZLO J: 3769  
LASZLO K: 3082  
LATALLO Z: 3952, 6097  
LATASTE-DOROLLE C: 2005  
LATENDRESSE C: 3991  
LATOUR J: 5085  
LATOUR JG: 3564, 3886  
LATOUR R: 5084  
LATSINIK GE: 3969  
LATSIS GV: 2032  
LATT SA: 3565  
LATT H: 2179  
LAUBENTHAL W: 6145  
LAUFER AL: 4898  
LAULER DP: 5728  
LAURAS B: 4343  
LAURELL CB: 1733, 1986  
LAURENT M: 2652, 3518

LAURENT TC: 3566  
LAURITSEN OS: 3567-3569  
LAURSEN B: 3570-3571  
LAUSAROT PM: 6998  
LAUTNER A: 3572  
LAUWERYNS JM: 3573  
LAVALLEE M: 2005  
LAVER MC: 3177  
LAVINTMAN N: 3574  
LAVNIKOVA GA: 3575  
LAVOIE P: 1547  
LAWAETZ B: 5774  
LAWKOWICZ W: 3576  
LAWRENCE HS: 3577  
LAWRENCE JR: 1085, 1087  
LAWRENCE MW: 899-901  
LAWRENSON K: 3578  
LAWRIE TD: 3579, 4460  
LAWS J: 5269  
LAWS JF: 241  
LAWSON JP: 6148  
LAYCOCK MV: 6430  
LAYMON CW: 3580  
LAYNE E: 246  
LAYZER RB: 1147  
LAZAR G: 3581  
LAZAROVA Z: 3582  
LAZARUS NR: 3583-3584  
LAZDINS V: 5038  
LAZDUNSKI M: 6724  
LAZIC D: 5251  
LAZOVOI VP: 3585  
LAZZARIN M: 2092, 2094-2097  
LAZZARINI M: 2093  
LAZZARONI M: 1776  
LEACH FR: 7026  
LEAHU S: 4869  
LEAK LV: 3586  
LEAMAN WG JR: 3587  
LEANDOER L: 3690, 3746-3747  
LEAPE LL: 1258  
LEARY PM: 3588  
LEARY WV: 3823  
LEASH A: 3686  
LEATHER RP: 1082  
LEAVEY RA: 3589  
LEBEAU RJ: 3590  
LEBEDEV VV: 3591  
LEBEDEVA GK: 3592  
LEBENSTEIN W: 1742  
LEBHERZ TB: 4417  
LE BIHAN G: 1572  
LEBLANC M: 3663  
LEBLAY R: 2281  
LEBOURNE P: 1572, 2281  
LE BOUFFANT L: 3593  
LEBOWITZ J: 1420  
LEBRETON JM: 3594  
LEBREUIL G: 3617  
LE BREUX L: 1641  
LE BRIGAND H: 6558  
LE CAM A: 2992  
LECAMUS F: 4208  
LE CARRERES D: 4927  
LECHLER E: 3595-3596  
LECHNER K: 1617, 1827-1828, 3597-3598, 4586, 8196  
LECHOWICH RV: 2449  
LECLERCQ-MEYER V: 3599  
LECLERE H: 963  
LEDENEVA OA: 4595  
LEDERER B: 1805  
LEDERER E: 957  
LEDERIS K: 3600  
LE DOUARIN G: 3601  
LE DUC MM: 2282, 3602  
LEE CC: 3603  
LEE CS: 691  
LEE DB: 3604  
LEE HM: 6921  
LEE HW: 4835  
LEE IS: 4909  
LEE JC: 5369  
LEE JF: 4981  
LEE KH: 3605  
LEE KJ: 3606  
LEE KT: 3606  
LEE M: 110  
LEE MM: 1509  
LEE RE: 3547



# AUTHOR INDEX

LEE RE JR: 3607  
 LEE SK: 2798, 3606  
 LEE SL: 5473  
 LEE TY: 4763-4764  
 LEE YB: 3608  
 LEE YS: 3608  
 LEEDER U: 3411  
 LEEFLANG P: 7198  
 LEEMAN AM: 3609  
 LEEPER RD: 4896  
 LE FAY A: 3610  
 LEFER AM: 3611  
 LE GALL J: 4025  
 LEGENT F: 359  
 LEGER G: 2199  
 LEGER L: 3612  
 LEGER L: 6878  
 LEGER P: 1234  
 LEGRAN M: 3613  
 LEGRAND L: 1130, 1298  
 LEGRAND Y: 884, 3614-3615, 5400, 5402  
 LEGRE J: 3616  
 LEGRE M: 3617  
 LE GUILLOU M: 1173  
 LEHAN PH: 4393  
 LEHMANN H: 5262, 6684  
 LEHNERT P: 3618  
 LEIBOWITZ MJ: 3619  
 LEIFER E: 3620  
 LEIGHTON TJ: 3621  
 LEIPNITZ EM: 6250  
 LEITES FL: 765  
 LEITES FL: 3622  
 LEITES FL: 3623, 3732  
 LEITHEAD CS: 809  
 LEITNER JW: 3191  
 LEJNIEKS I: 6087  
 LELEK E: 4655  
 LELIEVRE G: 3624  
 LEMAIGRE G: 6878  
 LEMARCHAL A: 6718  
 LEMARCHAND-BERAUD T: 6629  
 LEMELAND JF: 3625  
 LEMENAGER J: 963  
 LEMENEV VL: 435  
 LEMGRUBER I: 3626  
 LEMIRE Y: 5399  
 LEMOINE A: 3617  
 LEMPET BL: 3732  
 LEMPINEN M: 1856  
 LEMPKE RE: 243-244  
 LENAGHAN R: 763  
 LENARD J: 3627  
 LENG JJ: 3927-3928  
 LENGHEL A: 6273  
 LENIART DS: 1288  
 LENNETTE EH: 5697  
 LENOIR P: 4926  
 LENRIOT JP: 6878  
 LENSKAIA RV: 125  
 LENTZ KE: 1501, 5979  
 LENZ PH: 3628  
 LEON AE: 3629  
 LEONARD EF: 1910  
 LEONARD F: 2718, 4819  
 LEONARD GL: 2488  
 LEONARDON N: 748  
 LEONDEFF J: 133  
 LEONE G: 561  
 LEONHARDT T: 3630  
 LEONIS J: 4657  
 LEONOV BV: 610  
 LEOUTSAKOS BG: 3088  
 LEPKOVSKY S: 3631  
 LEPORE MJ: 3632  
 LERMUSIAUX JL: 3633  
 LERNER C: 3009  
 LESBROS A: 3634  
 LESLIE J: 3635  
 LESNAW JA: 3636, 6998-6999  
 LESNICHII AV: 3637-3638  
 L'ESPERANCE FA JR: 3639  
 LESSEN H VAN: 3640  
 LESSEN UA VAN: 3640  
 LESSEY RA: 1363  
 LETARTE J: 5292  
 LETORT M: 3593  
 LETTERS R: 968  
 LEU HJ: 3641  
 LEUBE G: 3642

LEUNG CY: 7097  
 LEURIDAN B: 1217  
 LEUTHNER E: 962  
 LEUTSCHAF R: 3643  
 LEVAK-SVAJGER B: 3644  
 LEVANT AD: 3645, 5284, 6539  
 LEVASSEUR JC: 6670  
 LEVENTHAL BG: 2451  
 LEVEQUE B: 4008  
 LEVERENZ S: 3646  
 LEVEY RH: 254  
 LEVI M: 1704  
 LEVIN GIA: 3647  
 LEVIN HA: 3648  
 LEVIN J: 1705, 3649, 5908  
 LEVIN WC: 6496  
 LEVIN Y: 2156  
 LEVINE BB: 3650  
 LEVINE BW: 3651  
 LEVINE H: 3648, 3652  
 LEVINE M: 1501, 5979  
 LEVINE ME: 5474  
 LEVINSON C: 24  
 LEVITZ M: 3094  
 LEVY D: 489, 631  
 LEVY G: 3653-3654, 4771  
 LEVY H: 5718  
 LEVY HB: 4625  
 LEVY JM: 5556  
 LEVY R: 6214  
 LEVY RI: 2120, 2238, 3545  
 LEVY PINTO S: 6015  
 LEVY-TOLEDANO S: 3424  
 LEWI S: 1193  
 LEWIS GP: 5840  
 LEWIS JH: 399-401, 3229, 3655  
 LEWIS JM: 405, 3656  
 LEWIS LA: 4832  
 LEWIS M: 4784  
 LEWIS N: 3657  
 LEWIS PN: 3658  
 LEWIS RJ: 3659  
 LEWIS SM: 1254  
 LEWIS WH: 3660  
 LEY HL JR: 3661  
 LEY KD: 3662  
 LEYKO W: 6320  
 LHERMITTE F: 3663  
 LI CH: 515, 771, 3850  
 LI LF: 3664-3665, 4754  
 LI SC: 6280  
 LI YT: 6280  
 LIABINA LM: 6402  
 LIAMAN ME: 3666  
 LIANDA VA: 3667  
 LIAO TH: 3668  
 LIAPINA LA: 3432  
 LIAPINETS AS: 316  
 LIBANSKY J: 3669-3671  
 LIBERMAN MM: 5269  
 LIBERTI PA: 4119  
 LIBOR S: 3672-3673  
 LICH A: 3412  
 LICHNITZER MR: 3059  
 LICHTENAUER F: 3674  
 LICHTENTHALER HK: 3675  
 LICHTER I: 3676  
 LICHTMAN HC: 5052  
 LIDDLE GW: 6391  
 LIDER VA: 3677  
 LIE TS: 2313  
 LIEBERMAN F: 981  
 LIEBERMAN J: 3678-3683  
 LIEBERMANN J: 3684  
 LIEBHABER R: 3685  
 LIEBMAN J: 3686  
 LIEBOLD F: 3687  
 LIEHN HD: 2390  
 LIEM H: 1910  
 LIENER IE: 3019-3020  
 LIGHT A: 3688  
 LIGNIERES B DE: 4123  
 LIGON DF: 1398  
 LILLEHEI CW: 5755  
 LILLEHEI RC: 6588  
 LILLY MD: 3104  
 LIM RC: 3689  
 LIM RC JR: 3690  
 LIM YL: 6813  
 LIMA-GONCALVES E: 3691

LIMON S: 1183  
 LIN JB: 3692  
 LIN JY: 3693  
 LIN MC: 861, 3694  
 LIN SY: 2175  
 LIN TM: 2657  
 LIN Y: 3695  
 LINCOFF H: 3696-3699  
 LIND M: 1384  
 LINDAHL U: 2916, 3700, 4741  
 LINDBERG MU: 3701  
 LINDENMANN J: 2102  
 LINDENSMIDT W: 3702  
 LINDER F: 3703  
 LINDER L: 3704  
 LINDER M: 3705  
 LINDMAN B: 7143  
 LINDNER D: 3222  
 LINDNER HR: 2988  
 LINDO S: 6089  
 LINDQUIST RR: 3923, 5861-5862  
 LINDQVIST I: 7143  
 LINDSAY DG: 3706  
 LINDSAY DJ: 3707  
 LINDVALL S: 3001, 3708  
 LINELL F: 2830  
 LINEVA VA: 3709  
 LINEVSKII IUV: 3710  
 LING V: 3711, 4060  
 LINGANE JJ: 4907  
 LINGJAERDE O JR: 3712  
 LINHART J: 1464  
 LINK KP: 353, 2553  
 LINKE R: 5019  
 LINKE VG: 7140-7141  
 LINKER H: 5347  
 LINKLATER KA: 3713  
 LINMAN JW: 4805  
 LINNEWEE F: 3714  
 LINQUETTE M: 3715  
 LINZ O: 3716  
 LIPECZ J: 3717  
 LIPEN' EB: 3718, 4278  
 LIPINSKI B: 1742, 3719-3722  
 LIPMANN F: 6370  
 LIPNICKI D: 2998  
 LIPNITSKII IF: 3723  
 LIPPMANN HG: 7194  
 LIPSETT MB: 6648  
 LIPSITZ P: 2587  
 LIS B: 3724  
 LISANDER B: 3725  
 LISIEWICZ J: 583, 623-625, 1968, 3726-3727  
 LISOWSKA E: 3728  
 LISSITZKY S: 5441  
 LISTE JIMENEZ D: 4963  
 LISTER GD: 3729  
 LISUNOVA SI: 5988  
 LITCHFIELD CD: 3730-3731  
 LITOVCHENKO IUS: 3732  
 LITT BD: 4405  
 LITTAUER UZ: 3733, 6166  
 LITTLE JM: 3734-3735  
 LITTLE JR: 3736  
 LITTLE RW: 4283  
 LITTLEJOHNS DW: 3604  
 LITTON A: 3737  
 LITVAKOVSKAIA GA: 5864  
 LITVAKOVSKAJA GA: 3738  
 LITWIN M: 3739  
 LITWIN MS: 3740-3741  
 LITWIN SD: 5882-5883  
 LIU CL: 4811  
 LIU CT: 1287  
 LIU PV: 2736  
 LIU TY: 2806, 3742  
 LIUBIMOVA LS: 3743  
 LIUSOV VA: 3744  
 LIVINGSTONE RA: 1158  
 LIVORA I: 1468  
 LIVORA J: 1469  
 LIZARASO F: 2284  
 LIZUKA J: 3745  
 LJUGQVIST U: 1078  
 LJUNGQVIST U: 2882, 3746-3747  
 LLOMBART A JR: 3748  
 LLOYD JK: 356  
 LO SS: 3749  
 LOBATO O: 3750  
 LOBECK CC: 1397



# AUTHOR INDEX

LOBER M: 423  
 LOCARDI G: 3751  
 LOCKHART A: 457  
 LODI WR: 3752  
 LODISH HF: 2716, 3753  
 LOE H: 6026  
 LOEB LA: 4270  
 LOEB PM: 4416  
 LOEFFLER LJ: 394, 3754  
 LOELIGER EA: 2526, 3755-3761, 6685-6686  
 LOEPER J: 3762  
 LOEVEN WA: 3763  
 LOEWE KR: 5713  
 LOEWER-SIEGER DH: 3764  
 LOEWY AG: 1581  
 LOFLAND HB: 3765, 5568, 6870  
 LOFLAND HB JR: 440, 3766  
 LOFRUMENTO NE: 4861  
 LOFVING B: 299  
 LOGINOVA LG: 3767  
 LOGOIDA DM: 3768  
 LOGUE GL: 466, 3769  
 LOHSE K: 3770  
 LOIRE R: 3771  
 LOISEL JP: 2884  
 LOKEN SC: 3772  
 LOKHITSKII SV: 2244  
 LOMAX AR: 1885  
 LOMAZOVA KHD: 3773  
 LOMBAARD BG: 357  
 LOMBARDI G: 3774  
 LOMBARDI V: 2286  
 LOMBARDINO JG: 3775  
 LOMBARI C: 837  
 LOMNICZI B: 3776  
 LOMONOSOV VA: 5063  
 LONDON WT: 4271  
 LONG D: 152  
 LONG JL: 6172  
 LONG ME: 3777  
 LONG R: 3697  
 LONGO P: 354  
 LOO J VAN DE: 3778  
 LOO J VAN DE: 5030  
 LOONEY T: 3779  
 LOPACIUK S: 1074  
 LOPAS H: 549  
 LOPEZ FA: 3780  
 LOPEZ R: 3781  
 LOPEZ V: 3782  
 LOPEZ-LLERA M: 3783  
 LOPEZ-TELLO CS: 2639  
 LORAND L: 3784-3786  
 LORANSKAIA TI: 5855  
 LORNBACHER H: 2887  
 LORBEK W: 1828  
 LORBER CG: 3787  
 LORBER L: 3029  
 LORD CH: 5464  
 LORD RS: 1032  
 LORENZ S: 6824  
 LORIAN V: 2213  
 LORIE IUI: 3788  
 LORIMER AR: 4460  
 LORKIN PA: 6884  
 LOSEVA GS: 3512  
 LOSKUTOVA EA: 3789  
 LOSOWSKY MS: 3790, 6806  
 LOSTICKY C: 3791  
 LOTKIN P: 3872  
 LOTSMAN LA: 3591  
 LOTZ H: 3792  
 LOUBIERE R: 6720  
 LOUCAS SP: 7074  
 LOUGH J: 4354  
 LOUIE RE: 878  
 LOUKOPOULOS D: 3793  
 LOURO JM: 1169  
 LOUW JH: 1208  
 LOVE L: 3794  
 LOVETT WL: 5296  
 LOVINS RE: 744  
 LOVISETTO P: 1222  
 LOVOTTI A: 3795  
 LOW BW: 5944  
 LOWE CV: 1399  
 LOWE G: 2764-2766  
 LOWE RD: 2627  
 LOWE RF: 3796  
 LOWELL FC: 3797

LOWENBERG E: 3798  
 LOWENBRAUN S: 3799  
 LOWMAN JT: 4557  
 LOWN B: 3217  
 LOWRY JL: 4987  
 LOWRY RC: 569  
 LOYKE HF: 3800  
 LOZANO CARRILLO A: 5272  
 LOZOVOI VP: 3801  
 LOZOVSKAIA LS: 318  
 LOZZIO C: 3872  
 LUBCKE P: 3802  
 LUCAS CE: 3803  
 LUCAS CT: 3804  
 LUCAS DR: 3805  
 LUCAS F: 3806  
 LUCAS ON: 3807  
 LUCAS ZJ: 3808  
 LUCAS RASPUTIN ON: 2571, 3809  
 LUCASSEN E: 1818  
 LUCCA O DE: 2330  
 LUCHT U: 3810  
 LUCIC A: 5252, 6107  
 LUCKEY C: 2262  
 LUCZYK J: 3481  
 LUDATSCHER RM: 3811  
 LUDERS CJ: 3812  
 LUDERS K: 5735  
 LUDIN H: 3230  
 LUDWIG BJ: 477  
 LUDWIG H: 3813-3817  
 LUDWIG J: 3110  
 LUDWIN SK: 3829  
 LUGANSKII IUN: 1524  
 LUGINBUHL H: 3818  
 LUHBY AL: 3781  
 DE LUISE M: 4049  
 LUKASIAK B: 3819  
 LUKE RG: 3820  
 LUKE SK: 3821  
 LUKJAN H: 534  
 LUKNAROVA O: 2479  
 LUKO G: 2902  
 LULENSKI G: 3822  
 LUMARE A: 5013  
 LUMLEY J: 773  
 LUMRY R: 5265  
 LUNA MA: 3823  
 LUND F: 296  
 LUND S: 4627  
 LUNDBERG BJ: 3824  
 LUNDBLAD G: 3704, 5536, 6025  
 LUNDBORG RO: 6377  
 LUNDH G: 483  
 LUNDQVIST U: 4061  
 LUNDSCGAARD-HANSEN P: 3458, 3825  
 LUNDSEKOG J: 723  
 LUNING M: 4428  
 LUNSETH JB: 1649  
 LUPPIS B: 3826  
 LUPU D: 859  
 LURA HE: 3827  
 LURIE A: 3828-3830  
 LUSCHER EF: 511  
 LUSCHER EF: 3831  
 LUSCHER EF: 3832-3833, 4419  
 LUSE SA: 1363  
 LUST A: 6702  
 LUSTIG ES: 5315  
 LUSZTIG G: 2994-2995  
 LUTHGEN W: 491  
 LUTHJENS LH: 3834  
 LUTSENKO GE: 3835  
 LUTSENKO SM: 3836  
 LUTZ F: 2508, 3837  
 LUTZ H: 3838  
 LUTZ W: 2597  
 LUX SE: 3545  
 LUVET B: 3839, 5186  
 LUZARDO LF: 1530  
 LUZIKOV VN: 3840  
 LUZZATTO L: 44  
 LUZZI R: 5518-5521  
 LY B: 202  
 LYCHKOVSKII RM: 2243  
 LYCKE E: 4030  
 LYMAN DJ: 3841  
 LYNCH EC: 4527-4528  
 LYNCH FP: 3842  
 LYNCH H: 6495

LYNCH HA: 1517  
 LYNEN F: 5759  
 LYNEN FK: 5762  
 LYNN HB: 408  
 LYNN JA: 3999  
 LYNN KR: 3843  
 LYNN WS: 3844  
 LYONNET R: 3845-3846  
 LYONS BM: 3847  
 LYSENKOV NV: 6548  
 LYSGAARD H: 3848  
 LYSINA GG: 2187  
 LYSOGOROV NV: 3849  
  
**M**  
 MA L: 3850  
 MA RI: 2152  
 MAAK B: 5430-5431  
 MABECK CE: 3851  
 MABERLEY AL: 3852-3853  
 MABROUK SS: 4799-4800  
 MCADAMS AJ: 2122  
 MCALISTER WH: 1435  
 MCALLISTER RA: 2140, 3854  
 MCBURNEY RP: 3855  
 MCCALL JT: 4821  
 MCCALLUM CA: 3856  
 MCCAMAN RE: 1408  
 MCCARRON DJ JR: 6050  
 MCCARTHY DM: 3857  
 MCCARTOR HR: 2157  
 MCCARTY DJ: 6176  
 MCCAUGHAN JJ JR: 3858  
 MCCAY TS: 3859  
 MCCLOUD TG: 3860  
 MCCCLUSKEY RT: 2052  
 MCCONN J: 3861  
 MCCONNELL DJ: 3862  
 MCCORD CW: 1910, 2346  
 MCCORD JM: 3863  
 MCCOY L: 5775-5777  
 MCCORRY WW: 3864  
 MCCULLOUGH FS: 3865  
 MCCULLOUGH J: 3866  
 MACCUDY RK: 3867  
 MCCUTCHAN JH: 4831  
 MCDANIEL LE: 3899  
 MACDIARMID WD: 558  
 MACDONALD A: 3868  
 MCDONALD BJ: 4775  
 MACDONALD HN: 3869  
 MACDONALD I: 3870  
 MCDONALD KM: 5728  
 MACDONALD MK: 1086  
 MACDONALD RA: 3871, 4940  
 MCDONALD RM: 6809  
 MCDONALD TP: 3872  
 MACDONELL JD: 6442  
 MCDONOUGH FE: 5307  
 MCEWAN AC: 4571  
 MCFADDEN KD: 4009  
 MCFARLANE AS: 3873-3874, 5270  
 MCFARLANE DE: 5216  
 MCGANDY RB: 3875  
 MCGAVRIN M: 1435  
 MACGEE EE: 3876  
 MCGEE JO: 3877  
 MCGEHEE WG: 1772  
 MCGILL HC JR: 6234  
 MCGINN TG: 3769  
 MCGOON DC: 2166  
 MACGOWAN W: 4773  
 MCGREGOR FH JR: 3878, 5143, 5933  
 MCGUIGAN JE: 2157, 3879  
 MCGUIRE JS: 2176  
 MACH ES: 4898  
 MACH RS: 2099  
 MACHABELI MS: 3880  
 MACHADO MC: 3691  
 MACHENAUD A: 4540  
 MACIEL MM: 2290  
 MCINTOSH CS: 3881  
 MCINTYRE OR: 1698  
 MCINTYRE PA: 3882  
 MACINTYRE RS: 405  
 MACKAY B: 6797  
 MCKAY DG: 3564, 3883-3887, 4002-4003, 6925  
 MACKAY M: 3888  
 MCKAY RH: 2225



# AUTHOR INDEX

- MACKECHNIE I: 3889  
 MCKEE AP: 2142  
 MCKEE PA: 3890-3891  
 MACKENSEN G: 1202  
 MACKENZIE MR: 3892-3893, 4968  
 MCKERCHER DG: 956  
 MACKEY DA: 6031  
 MACKEY S: 2237  
 MACKINNON J: 3894  
 MACKINTOSH T: 3895  
 MCLACHLIN AD: 3896  
 MCLAINE PN: 3897  
 MCLAREN AD: 3898  
 MCLAUGHLIN IS: 6193  
 MCLAUGHLIN J: 246-247, 1199  
 MCLEAN JM: 3697  
 MACLEAN PR: 5003  
 MCLEAN R: 4308  
 MCLELLAN WL JR: 3899  
 MACLENNAN WD: 3900  
 MACLEOD EC: 3901  
 MACLEOD M: 3881  
 MACMAHON MT: 4988  
 MCMILLAN CW: 3902  
 MCMILLAN GC: 6112  
 MACNAB I: 6888  
 MCNAMARA JJ: 3903  
 MACNERLAND RH: 3561  
 MCNICOL GP: 649-651, 2453, 2774, 3904, 5176  
 MACON WL: 3905  
 MCPPEAK DW: 3906  
 MCPPEAK ME: 900-901  
 MCPHAUL JJ JR: 3907  
 MACPHEE IW: 337  
 MCQUADE AB: 3908  
 MACRIS G: 4864  
 MCSHINE RL: 3909  
 MACSWEEN RN: 3871  
 MC VEY EB: 2628  
 MADDEN R: 6974  
 MADDEN RE: 3084  
 MADDOX IS: 3910  
 MADELIN JC: 1002  
 MADGWICK JC: 1502  
 MADIER C: 3911  
 MADON MB: 5530  
 MADRIGAL ALONSO PL: 3912  
 MADSEN B: 3913  
 MAEGAWA T: 3914  
 MAEGRAITH BG: 2921  
 MAEKAWA T: 3099, 3915-3916  
 MAES R: 3917  
 MAFFEI A: 2094  
 MAGAGINA GE: 3918  
 MAGALHAES JR: 3919  
 MAGARD H: 3625  
 MAGAZINOVIC V: 2233  
 MAGDOFF-FAIRCHILD B: 5944  
 MAGEE DF: 4508  
 MAGIS C: 1538  
 MAGNENAT P: 3920  
 MAGNUS IA: 2780  
 MAGNUSSON O: 3001, 3708  
 MAGNUSSON S: 3921-3922, 4476  
 MAGORA A: 7130  
 MAHABIR RN: 3923  
 MAHADEVAN PR: 3924  
 MAHADKAR UR: 3924  
 MAHAFFY RG: 3517  
 MAHAJAN BC: 2891  
 MAHALEY MS JR: 6115  
 EL-MAHGOUB S: 140  
 MAHIEU F: 3925  
 MAHIEU P: 3926  
 MAHON R: 3927-3928  
 MAHONEY EB: 6072  
 MAHONEY RR: 2922  
 MAHONEY SA: 90  
 MAIAS VS: 3929  
 MAILLARD GF: 3930  
 MAILLARD JN: 2751  
 MAIOROV IUM: 3744  
 MAIR WG: 4664  
 MAISKII AI: 5796  
 MAITA T: 3315  
 MAIZEL JV: 1154  
 MAJERUS PW: 3657  
 MAJEWSKA S: 3429  
 MAJEWSKI A: 3702  
 MAJEWSKI W: 5533  
 MAJIMA S: 3931  
 MAJSKY A: 2894, 3932-3938  
 MAKARENKO TP: 3939  
 MAKAROVA OV: 4898  
 MAKEEVA GK: 3154  
 MAKELA O: 4957  
 MAKI M: 3940-3943, 5893  
 MAKINEN KK: 3944-3945  
 MAKINEN PL: 3945  
 MAKINO S: 3946-3947  
 MAKINO T: 3100  
 MAKINSKII AI: 5549  
 MAKINSKII AN: 5550  
 MAKK L: 3948  
 MAKOVETSKII MI: 6263  
 MALACINSKI GH: 3949  
 MALAISSE WJ: 3599  
 MALAKHOVSKII IUE: 3950  
 MALAMED S: 3951  
 MALAMUD MS: 519  
 MALANOWICZ W: 3952  
 MALASKA Z: 3953  
 MALAVAUD A: 3954  
 MALDONADO E: 695  
 MALDONADO N: 1886, 2706, 5621, 6678  
 MALDYK E: 3955-3956  
 MALEKNASRI F: 2527  
 MAL'eva GV: 3957  
 MALGIO F: 5522  
 MALHOTRA OP: 3958  
 MALHOTRA PP: 5846  
 MALINOVSKII NN: 3959  
 MALINSKA E: 6323  
 MALINVAUD G: 3960  
 MALIS F: 3961  
 MALIUKOV VM: 3962  
 MALIUSINA IB: 3963  
 MALLETT L: 4574  
 MALM JR: 3964  
 MALMROS H: 3965  
 MAL'NEVA GV: 3966  
 MALOFIEJEV M: 3967  
 MALOV GA: 3592  
 MALT RA: 3968  
 MALYGINA-DUDAROVA SI: 3969  
 MALYI GP: 3970  
 MAMEDOV UA: 3448  
 MAMELLE JC: 2077  
 MAMELLE N: 510  
 MAMMEN EF: 763-764, 3971  
 MAMOU H: 3972  
 MANALO GB: 1436  
 MANASTER J: 5041  
 MANCINO D: 3973-3974  
 MANDACHE F: 3975  
 MANDEL EE: 3976  
 MANDEL T: 6614  
 MANDELL GL: 3977  
 MANDELLI F: 3978-3979, 4813  
 MANDEL I: 1704  
 MANDY WJ: 5169  
 MANGI RJ: 15  
 MANGO G: 3502  
 MANN FD: 3980  
 MANN JG: 3981  
 MANN JR: 2947  
 MANN KG: 3982-3983  
 MANNUCCI PM: 3984-3985  
 MANO Y: 3986-3987  
 MANSBERGER A: 247, 1199  
 MANSBERGER AR: 246  
 MANSCHOT WA: 3988  
 MANSFIELD AO: 924  
 MANTAI KE: 3989  
 MANTOVANI M: 5189-5194  
 MANUEVA GN: 3990  
 MANZ CW: 3991  
 MAOUNI: 1359  
 MAPES CA: 3992  
 MARAMA M: 3993  
 MARASINI B: 64  
 MARBERGER H: 2671  
 MARCACCI M: 469, 4848  
 MARCEL YL: 3994  
 MARCHAL C: 6703  
 MARCHAND J: 3995  
 MARCHAND JC: 933  
 MARCHESANI F: 4899  
 MARCHETTI E: 480  
 MARCHIONNINI A: 2196, 3996  
 MARCINIAK E: 3997, 5775-5776  
 MARCISOVA M: 2480  
 MARCO J: 5381  
 MARCSEK M: 3998, 5523  
 MARCUCCI AM: 3402  
 MARCUS AJ: 4341  
 MARCUS JB: 3999  
 MARCUS N: 6681  
 MARCY R: 6635  
 MARDER VJ: 4000  
 MARDINEY MR JR: 15  
 MAREES H DE: 345  
 MAREK ML: 6747  
 MARES J: 7202  
 MARESZ-BABCZYSSZYN J: 4001  
 MARGARETTEN W: 4002-4003  
 MARGARIT M: 4879  
 MARGGRAF W: 4004  
 MARGOLASH E: 6147  
 MARGOLIES MN: 2924  
 MARGOLIN S: 477  
 MARGOLINA AN: 2160-2162  
 MARGOLIS CZ: 4005  
 MARGULIS RR: 2777  
 MARIANI G: 3978-3979  
 MARIANI R: 4006  
 MARIANO M: 4007  
 MARICA M: 2029  
 MARIE J: 4008  
 MARIEN GJ: 4009  
 MARIN D: 143-144  
 MARIN E: 1387  
 MARINKOVIC M: 4010  
 MARIO S: 2285  
 MARIOTTI E: 656  
 MARISENKO GP: 436  
 MARKARIAN M: 3215  
 MARKER S: 2546  
 MARKIEWICZ A: 2065  
 MARKKULA H: 5819  
 MARKLAND FS: 4011  
 MARKLE CD: 4012  
 MARKOSIAN AA: 4013  
 MARKOSINA AA: 4014  
 MARKOV IN: 4015  
 MARKOV KI: 6682  
 MARKOVA IV: 4016  
 MARKOVITS P: 4017  
 MARKS MI: 3897  
 MARKS N: 1623  
 MARKUM AH: 87  
 MARKUS HB: 4018  
 MARKUS W: 4207  
 MARKUS WB: 3219  
 MARKWARDT F: 3233, 3522-3523, 4019-4022, 4971, 5371  
 MARLETTE RH: 4023  
 MARNEY SR JR: 4024  
 MAROC J: 4025  
 MAROLLA A: 354  
 MAROS TN: 4026  
 MAROTEL-SCHIRMANN J: 4027  
 MAROUX S: 4028  
 MARPLES RR: 4029  
 MARQUARDT J: 3697, 4030  
 MARQUE J: 2896  
 MARQUEZ ED: 4031  
 MARQUIS NR: 4032-4033, 6717  
 MARRACK D: 4034  
 MARRIAN DH: 4035  
 MARSALEK E: 2349  
 MARSALEK E: 2350  
 MARSCHANG F: 4036  
 MARSH WH: 4892-4894  
 MARSH WL: 4037  
 MARSHALL JR: 6941  
 MARSHALL KG: 2740  
 MARSHALL MJ: 1243  
 MARSHALL TH: 4038-4039  
 MARSHALL VC: 1094-1095  
 MARSHALL G: 5001  
 MARTEL AJ: 3632  
 MARTI ML: 1521  
 MARTIN A: 4189  
 MARTIN BF: 4040  
 MARTIN CB JR: 2408, 4041  
 MARTIN CM: 4042  
 MARTIN H: 1186, 4043, 4430  
 MARTIN J: 3593, 3611  
 MARTIN JP: 4044



# AUTHOR INDEX

MARTIN K: 4045  
MARTIN M: 2607-2608, 3268, 4046, 5719, 7136  
MARTIN MM: 4047  
MARTIN RS: 4740  
MARTIN TJ: 4048-4049  
MARTIN JADRAQUE L: 4963  
MARTINAZZI M: 4050  
MARTINEU V: 856-859  
MARTINEAU G: 23  
MARTINELLI S: 382  
MARTINEZ A: 906  
MARTINEZ J: 30, 5841  
MARTINEZ S: 6015  
MARTINEZ CANAVERI A: 1521  
MARTINI E: 4051  
MARTINOTTI A: 6117  
MARTINOVIC J: 1461  
MARTIUS C: 322  
MARTONOSI A: 1551, 4052  
MARTY AT: 4053, 5466  
MARTY G: 4054-4055, 4859  
MARTYNIUK IO: 4056  
MARTYNIUK LA: 260  
MARTYNOV IUS: 4057  
MARTYNOV SM: 4058  
MARTYNOV SM: 4059  
MARULIN BA: 5515-5516  
MARUSHIGE K: 4060  
MARUSYK RG: 4061  
MARUYAMA K: 2373  
MARVER HS: 6394-6395  
MARX G: 386  
MARX R: 862, 4062  
MARZA A: 857-859  
MASAL/KAJIA EI: 4063  
MASASVILI LS: 3254  
MASCARO JM: 5054  
MASEK K: 4645, 5288  
MASIAR P: 4064  
MASIK MG: 4065  
MASIRONI R: 4066  
MASKOVA L: 6027  
MASLOW DE: 4067  
MASON B: 3862, 3888  
MASON BJ: 4068  
MASON GR: 4069  
MASON J: 5072  
MASON JW: 1124  
MASON R: 1908, 4947  
MASON RG: 4070  
MASOUREDIS SP: 4071  
MASSARI N: 6393  
MASSIE WK: 4072  
MASSINI P: 4073  
MASSONET R: 2210  
MASSOT C: 4430  
MASSOULIE J: 4074-4075  
MASSRY SG: 1098  
MAST WH: 4076  
MASTRANGELO F: 133  
MASTURSI B: 1324  
MASUDA J: 4369  
MASUDA R: 1088  
MASUHARA E: 2799  
MASUKAWA T: 6339  
MASUMURA S: 2692-2693  
MASUYA T: 2602  
MATANIC V: 4077  
MATAUDA H: 1940  
MATCANU L: 2008  
MATCHETT A: 4078  
MATCHETT MO: 2594  
MATEUFFEL-CYMBOROWSKA M: 7110  
MATHAI KV: 1395  
MATHESON NA: 3516-3517, 4079  
MATHEW KT: 6667  
MATHEW NT: 4080  
MATTHIAS FILHO AP: 528  
MATHIEU J: 1884  
MATHIEU M: 2552  
MATHISON GE: 4804  
MATHUR R: 5652  
MATIS P: 731, 1616, 4062, 4081-4082  
MATLOFF DB: 4083  
MATLOFF JM: 4083  
MATORY WE: 896  
MATOUSEK J: 4084  
MATOUSOVA O: 2549  
MATOUSOVA O: 2550  
MATRAS H: 4085  
MATSCHINER JT: 441, 1546, 4086-4087  
MATSKIV AS: 2108  
MATSON DD: 2074  
MATSUBARA H: 4088, 5281  
MATSUBARA T: 4089  
MATSUCKA M: 4090  
MATSUDA H: 6709-6710  
MATSUDA T: 1383, 4723  
MATSUHARA Y: 4091  
MATSUHASHI M: 4444  
MATSUI H: 3450  
MATSUI M: 4092  
MATSUMOTO K: 4093  
MATSUMOTO S: 4094, 6354  
MATSUMOTO T: 1770, 2517-2518, 4095  
MATSUMURA T: 2841, 4096-4097, 4378  
MATSUO T: 4098  
MATSUOKA K: 2375  
MATSUOKA M: 2464, 4099-4103  
MATSUOKA S: 4104  
MATSUOKA T: 6269  
MATSUOKA Y: 3273-3273, 3460  
MATSUSHIMA A: 2803, 4105  
MATSUSHIMA M: 7052  
MATSUSHIMA S: 4106  
MATSUSHIMA T: 2487  
MATSUURA T: 4107  
MATSUYAMA H: 4108-4110  
MATSUZAKI F: 6546  
MATSUZAKI M: 180, 6596  
MATSUZAKI S: 3319  
MATSUZAWA A: 2795  
MATTA MS: 5939  
MATTHAI TP: 5965  
MATTHES M: 4111  
MATTHEWS BW: 1105  
MATTIOLI C: 4112  
MATTOCK P: 3891  
MATTSSON A: 58  
MATVEEV KI: 2860, 7138-7139  
MATVEEVA GM: 3195  
MATVIENKO LA: 4113  
MATZ K: 4114  
MAUEL J: 4115  
MAUPIN B: 4116  
MAUREL P: 4006  
MAURER B: 2945  
MAURER E: 4117  
MAURER HM: 4118  
MAURER PH: 1287, 4119  
MAURICE PA: 95  
MAURIZI DG: 1428  
MAURO R: 4120  
MAUSS HJ: 4121  
MAUSS J: 4122  
MAUVAIS-JARVIS P: 4123  
MAVLIANOV AN: 3050  
MAVOR GE: 4124-4126  
MAY B: 310, 4127-4128  
MAY NE: 1182  
MAY P: 2201  
MAY RE: 4969  
MAY WP: 2961  
MAYBERRY WR: 6013  
MAYER G: 2136, 4129-4131, 4673  
MAYER GD: 4132  
MAYER HE JR: 795  
MAYER JH: 1435  
MAYER S: 4129  
MAYER W: 2521  
MAYNE EE: 4133-4134  
MAYRHOFER E: 1617  
MAYUMI M: 7093  
MAYWALD V: 3626  
MAZAK J: 4135  
MAZENS MF: 4237  
MAZERE J: 6720  
MAZUMKAR BN: 4136  
MAZUROWSKI W: 4137  
MAZZA JJ: 4138  
MAZZEI D: 4164  
MAZZI R: 4139  
MCCARTHY WJ: 6975  
MCCORD CW: 5542  
MEADOWS R: 1085, 1087  
MEADOWS T: 4547  
MEANEY TF: 4140  
MEANS GE: 3695  
MEARS E: 4141  
MEBS D: 4142  
MECKL D: 1922  
MEDGYESI GA: 2184, 4143  
MEDINA F: 4144  
MEE AD: 4145  
MEERBACH W: 1796  
MEETVA G: 4146  
MEIRA U: 4147  
MEHRISHI JM: 4148-4152, 7133  
MEHROTRA TN: 4153  
MEIER J: 5682  
MEIER-RUGE W: 5750  
MEIERS HG: 4154  
MEIGEL W: 5125  
MEIGNIE P: 5361  
MEIJER AJ: 4861  
MEIJER E: 2979  
MEILI EO: 4155  
MEILOF J: 6685  
MEINHOF W: 4156  
MEIRING P DE V: 4157  
MEISLER MH: 4158  
MEISTER H: 4159  
MEISTER HP: 1897  
MEISTER R: 1920, 1924  
MEJBAUM-KATZENELLENBOGEN: 6953  
MEJIA E: 5075  
MELANI F: 4160  
MELANOTTE PL: 5301  
MELCHIOR WB JR: 4161  
MELICK RA: 4048-4049  
MELLER K: 4162-4163  
MELLI G: 4164  
MELLIERE D: 1998  
MELLIGER EJ: 4165  
MELLIN H: 4166  
MELLINGER GT: 564  
MELLO RP DE: 5437  
MELMED RN: 4167  
MEL'NIKOV VS: 4596  
MEL'NIKOVA LA: 3378  
MELVILLE JC: 4168  
MEMPEL D: 3221  
MENACHE D: 2980  
MENAUT M: 6558  
MENDELOFF AI: 3491  
MENDENHALL HW: 4169-4173  
MENDL V: 4174  
MENENDEZ CJ: 2566  
MENENDEZ CJ: 4175-4176  
MENENDEZ CJ: 4177  
MENNA F: 1324  
MENON IS: 1238, 4178-4192, 5293, 6829  
MENZ L: 3839  
MENZOLAN J: 3668  
MERCIER JC: 2257, 4193  
MERCURI AJ: 4194  
MERENDINO KA: 616  
MERENSTEIN GB: 4195  
MERESAAR U: 66  
MERETEY K: 4196  
MERGENHAGEN SE: 4197-4198  
MERIGAN TC: 1330  
MERKEL JR: 5973  
MERKOVA MA: 4199-4200  
MERKULOV MP: 4201  
MERLE MC: 1531  
MERLEN JF: 4202-4203  
MERRIL A: 4204  
MERRILL JP: 5862  
MERSKEY C: 3219, 4205-4207  
MERTZ ET: 2630, 7035  
MERY JP: 4208  
MERZLIAK EI: 4209  
MESHCHERIAKOVA SA: 5153  
MESNARD P: 4210  
MESQUITA J: 3917  
MESS B: 1804  
MESSERSCHMIDT W: 4966  
MESSERSCHMITT J: 4211  
MESSIMY R: 4212  
MESSMER BJ: 404, 2364, 5946  
MESTER L: 4213  
MESZAROS E: 2342  
METCALF D: 6106  
METCALFE JB: 1480  
METELITSA VI: 183  
METRIONE RM: 4214  
METTLER NE: 4215  
METZ EN: 3547  
METZ J: 665, 2168, 3829



# AUTHOR INDEX

METZGER H: 2135, 3046  
 METZGER J: 207, 6718  
 METZL J: 4216  
 METZNER R: 4217  
 MEUNIER MT: 4218  
 MEUWISSE-BRAUN JB: 3761  
 MEUWISSEN OJ: 4219  
 MEY U: 4220  
 MEYER A: 3313  
 MEYER B: 1002  
 MEYER D: 114, 686, 4221-4222  
 MEYER E: 2263, 6145  
 MEYER H: 4223  
 MEYER HM JR: 6175  
 MEYER JP: 5386  
 MEYER JS: 2079  
 MEYER LM: 402  
 MEYER MC: 4224  
 MEYER ME: 4225  
 MEYER-BERTENRATH JG: 3010  
 MEYER-BERTENRATH J: 4228  
 MEYER-BURG J: 6785  
 MEYER-LINDENBERG J: 1609  
 MEYER-SCHWICKERATH G: 1973  
 MEYERS AM: 3828, 3830  
 MEYERS BR: 4227  
 MEYERS NL: 4228  
 MEYERS OL: 5418  
 MEYERS WM: 4229  
 MEYLER L: 16  
 MEZEROVA M: 630  
 MEZZOTERO G: 6371  
 MIALHE P: 3599  
 MIALHE SH: 4230  
 MICHAEL AF: 5036  
 MICHAELS L: 3583, 3901, 4231  
 MICHAELSON SM: 1160  
 MICHAELSSON G: 2997  
 MICHALEK V: 5602  
 MICHALOWSKA R: 3576, 4232  
 MICHAU P: 3503  
 MICHELS KH: 6891  
 MICHEL FB: 6714  
 MICHEL J: 3132  
 MICHEL JF: 4233  
 MICHEL YA: 1126-1127  
 MICHELET FX: 465  
 MICHELS R: 887  
 MICHELMAYR G: 4234  
 MICHNEVIC I: 4235  
 MICHOT F: 4236  
 MIDDLETON CJ: 4237  
 MIELKE CH JR: 3043, 4238  
 MIERT AS VAN: 4239  
 MIETTINEN OS: 5466  
 MIGGIANO V: 5619  
 MIGITA LK: 4240  
 MIGNE J: 4241  
 MIHAESCO C: 4242  
 MIHAILESCU M: 1516  
 MIHALACHE N: 1555-1556  
 MIHALYI E: 4243  
 MIHARA H: 4244  
 MIHU S: 5130  
 MIICHI H: 2866  
 MIKAMI K: 6281  
 MIKAMI N: 4300  
 MIKAMI T: 6587  
 MIKES A: 4245  
 MIKES O: 6559  
 MIKHAILOVA LI: 123  
 MIKHAILOVA LV: 876  
 MIKHAILOVA LV: 4246-4247, 6781  
 MIKHAILOVSKAIA IG: 55  
 MIKHAILOVSKAIA TE: 1707  
 MIKHLIN SIA: 1021  
 MIKHNOVICH EP: 4248  
 MIKLASZEWSKA J: 4249  
 MIKOLAJCZAK EM: 1057  
 MILANI F: 4901  
 MILAZZO F: 1209  
 MILBLED G: 60-61  
 MILENT'VA SV: 1928, 3377  
 MILES BJ: 241  
 MILGROM E: 4250  
 MILGROM F: 3210  
 MIL'KOV BO: 646  
 MILL J: 3222  
 MILLAN C: 4309  
 MILLAN VG: 2953

MILLARD CA: 4251  
 MILLER A: 4252, 7033  
 MILLER DR: 4253-4254  
 MILLER G: 2253  
 MILLER GA: 4255  
 MILLER GE JR: 2592  
 MILLER HL: 5616  
 MILLER J: 5666  
 MILLER KD: 6610  
 MILLER L: 4797  
 MILLER LA: 4256  
 MILLER LD: 6258  
 MILLER LL: 2958  
 MILLER ML: 7156  
 MILLER R: 6525  
 MILLER RC JR: 4257-4258  
 MILLER RH: 6189  
 MILLER RR: 4259  
 MILLER S: 4260  
 MILLER SL: 5456  
 MILLER SP: 2256, 6055  
 MILLER WL: 3968  
 MILLER WR: 4261  
 MILLER WT: 4262  
 MILLER WV: 4263  
 MILLERET PG: 4264  
 MILLET J: 4233, 4265-4268  
 MILLIEZ P: 349  
 MILLIGAN HL: 4269  
 MILLMAN I: 4270-4271  
 MILLS D: 4272  
 MILLS DA: 4273  
 MILLS JB: 4274  
 MILLS JN: 2757  
 MILN DC: 6193  
 MILNE JF: 2227  
 MILNER J: 2569  
 MILONOV BV: 6699  
 MILSTEIN C: 5053  
 MILUTINOVIC P: 4650  
 MINAUF M: 4275  
 MINER RC: 878  
 MING SC: 3514  
 MINGERS A: 6232-6233  
 MININA AV: 183  
 MINK IB: 2568  
 MINOBA Y: 4276  
 MINTA JO: 4638  
 MINTSER OP: 1016  
 MIOLIN A: 5251  
 MIREBEAU P: 3928  
 MIRONOV AI: 292  
 MIRONOVA MI: 7181  
 MISAKA N: 3692  
 MISCHOL HR: 4277  
 MISE JI: 6784  
 MISENHIMER HR: 4041  
 MISHAREV OS: 4278  
 MISHCHEHKO VP: 3488  
 MISHCHENKO VP: 4279  
 MISHRA KC: 4280-4281  
 MISHRA SS: 4280  
 MISHUSTINA IE: 3399  
 MISKEL JJ: 2673  
 MISRA MK: 65  
 MITCHELL HK: 5771  
 MITCHELL JR: 41, 6056  
 MITCHELL JS: 4035  
 MITCHELL PS: 4282  
 MITCHELL WM: 4283  
 MIT'KIN AF: 3225  
 MITRICA N: 3305  
 MITROFANOV EI: 4284  
 MITSCHKE GH: 4285  
 MITSSENKO MD: 3442  
 MITSKEVICH AI: 7145  
 MITSUDA Y: 2487  
 MITSUI T: 4286  
 MITSUTANI S: 5566  
 MITSUYASU G: 4287  
 MITTAL SK: 4288  
 MITTAZAWA Y: 6254  
 MITTERMAYER C: 3467, 4563, 6506  
 MITTMAN C: 3681-3684  
 MITZE R: 4289  
 MIU C: 1244  
 MIURA S: 4290  
 MIURA Y: 8  
 MIWA S: 6537  
 MIYA F: 4291

MIYAGAWA K: 4292  
 MIYAKAWA M: 4293  
 MIYAKAWA Y: 5878  
 MIYAKE E: 7085  
 MIYAKE S: 4294  
 MIYAMOTO K: 6616  
 MIYANAGA Y: 3175  
 MIYAO K: 3291  
 MIYAR GONZALEZ A: 4295  
 MIYATA S: 180  
 MIYATANI K: 4296-4298  
 MIYAWAKI H: 4761  
 MIYAZAKI M: 4299  
 MIYAZAKI Y: 4300  
 MIYAZAWA T: 4301  
 MIZIN II: 4302-4303  
 MIZUMOTO K: 3109  
 MIZUNO D: 4676  
 MIZUNO K: 4518  
 MIZUNO S: 4304  
 MIZUTA K: 2692-2693  
 MKRTUMOVA NA: 4305  
 MLADENOVSKI B: 5558  
 MLEJNKOVA M: 5546, 6070, 6285, 6307  
 MLYNARCZYK EJ: 2650  
 MNATSAKANIAN EA: 4306  
 MNOUCEK K: 4307  
 MOBIN-UDDIN K: 4308  
 MOCELLINI ITURRALDE JA: 4309  
 MOCHTAR IA: 1215  
 MOCKEL W: 1381, 4310-4311  
 MOCZAR E: 4312  
 MOCZAR M: 4312  
 MODAK MJ: 4313  
 MODHA K: 4988  
 MODIGLIANI U: 4314  
 MODIS L: 4315  
 MODJADEDY A: 1849  
 MOE N: 4316-4319  
 MOE PJ: 2728, 3520, 4320  
 MOERTEL CG: 5333  
 MOFENSON H: 5009  
 MOFFAT NA: 5392  
 MOFFITT EA: 6377  
 MOGHARREBI A: 4321  
 MOGHISSI KS: 4322-4323  
 MOHAMED AH: 4324-4325  
 MOHAPATRA SC: 4326-4327  
 MOHOROVIC D: 5175  
 MOHOS SC: 4328  
 MOHR V: 4329  
 MOHS FE: 4330  
 MOINE M: 5084-5085  
 MOISE O: 7184  
 MOIZESZOWICZ-PODZUN I: 7200  
 MOJOVIC B: 4331  
 MOJOVIC N: 4331  
 MOKEEVA RA: 4332  
 MOKHORT NA: 6516  
 MOLARO G: 2093, 2095-2097  
 MOLCANIOVA H: 4333, 6583  
 MOLCHANOVA LV: 3432-3433, 5531  
 MOLE LE: 1932  
 MOLENAAR I: 4334, 5524  
 MOLER DN: 6669  
 MOLFSE G: 1222  
 MOLIMARD R: 4875  
 MOLINA C: 4335  
 MOLINAS F: 258, 5238  
 MOLLER C: 4336  
 MOLLER H: 2830  
 MOLODOV PA: 4337  
 MOLOT MD: 3903  
 MONAHAN LK: 4338  
 MONARI E: 4339  
 MONASTYRSKII VA: 4059  
 MONCADO R: 5780  
 MONCRIEFF MW: 4340  
 MONDELSKI S: 3069  
 AL-MONDIRY H: 4341  
 MONDORF W: 4342  
 MONFOORT CH: 1102  
 MONGES A: 3617  
 MONKHOUSE FC: 2498  
 MONKS CJ: 1081  
 MONN E: 1730  
 MONNERON A: 6000-6001  
 MONNET P: 4343, 5024  
 MONNIER JC: 2715  
 MONNOYER JF: 4344



# AUTHOR INDEX

MONOD N: 4345  
 MONSALLIER F: 6878  
 MONSALLIER JF: 4346  
 MONSIGNY M: 1001, 4347  
 MONTAGNE J: 4348  
 MONTEIL R: 4241, 5033  
 MONTGOMERY MW: 4787  
 MONTGOMERY PC: 4349  
 MONTGOMERY R: 795-798, 2038, 2738  
 MONTIES JR: 305-308  
 MONTOW RW: 2236  
 MONTREUIL J: 1001, 2895, 4347, 5820, 6085  
 MOORE BW: 892  
 MOORE DC: 6551  
 MOORE EE: 4350  
 MOORE EW: 4351  
 MOORE PM: 4352  
 MOORE R: 6854  
 MOORE RA: 6669  
 MOORE RB: 821  
 MOORE RH: 2568  
 MOORE RY: 4353  
 MOORE S: 861, 4354  
 MOORE TC: 4355  
 MOORE TE JR: 210  
 MOORMANN JG: 4356  
 MOPPERT GA: 5369  
 MORAHAN PS: 4357  
 MORAN J: 5022  
 MORAVEK L: 3353  
 MORAX PV: 207, 6718  
 MOREAU RC: 4358  
 MOREAUX J: 4359  
 MORELIS P: 4361  
 MORELLI AC: 4362-4363  
 MORET V: 301  
 MORGAN A: 1441, 6936  
 MORGAN CD: 7163  
 MORGAN CV: 4364  
 MORGAN EH: 1591  
 MORGAN J: 1031  
 MORGAN WK: 5346  
 MORGAN WP: 4365  
 MORGANS CM: 1003  
 MORGANTI G: 551  
 MORGEN R: 405  
 MORGENSTERN D: 1846  
 MORGENSTERN E: 4366, 5020, 6865-6866  
 MORGON A: 5722  
 MORI KF: 4367-4368  
 MORI M: 4369  
 MORI PG: 4370  
 MORI S: 2375  
 MORI T: 8  
 MORI Y: 4612  
 MORIAU M: 4371-4372  
 MORIHARA K: 4373-4375  
 MORIMOTO K: 3103  
 MORIMOTO Y: 4376  
 MORIN G: 2554  
 MORIN P: 4377  
 MORINO Y: 3013  
 MORIOKA T: 4378  
 MORISHIMA H: 6596  
 MORISHITA R: 4379  
 MORISSETTE M: 2951  
 MORITA H: 4380-4381  
 MORITANI Y: 3171  
 MORIUCHI S: 4382  
 MORIWAKI C: 4383-4384  
 MORIYA H: 4384  
 MORL FK: 1616, 2521, 4082, 4385, 6202  
 MORLEY AP JR: 4386  
 MORLIN R: 853  
 MORONI M: 4144  
 MOROSANU V: 1539  
 MOROZ C: 3887  
 MOROZ LV: 3059  
 MOROZOVA NA: 4898  
 MORRIS HR: 3806  
 MORRIS KN: 1781  
 MORRIS PJ: 1094-1095  
 MORRISSETT JD: 4387  
 MORRISON LM: 4388  
 MORRISON RK: 4389  
 MORROW AG: 4996, 5330  
 MORSE D: 755  
 MORTADA A: 4390-4392  
 MORTARA F: 457  
 MORTON JH: 3905  
 MOSCATELLI G: 909  
 MOSCHETTO Y: 5637  
 MOSCHOS CB: 4393  
 MOSCICKA M: 5514  
 MOSELEY RV: 1508, 4394-4395  
 MOSER K: 3597  
 MOSER RH: 6471  
 MOSES HA: 4396-4397  
 MOSES IG: 4398  
 MOSES LE: 4398  
 MOSESSON MW: 4399  
 MOSIAGINA EN: 4400-4401  
 MOSIER JM: 1909  
 MOSKOWITZ RM: 4402  
 MOSS CW: 4403  
 MOSS DC: 4404  
 MOSS GS: 4405  
 MOSS RA: 371  
 MOTEGI H: 3470  
 MOTOI Y: 4406  
 MOTSAY GJ: 6568  
 MOTT R: 4407  
 MOTTET NK: 2935  
 MOTTRAM DR: 4408  
 MOTTRAM FC: 4806  
 MOUCHET J: 1135  
 MOULDER PV: 1263  
 MOULINIER J: 1531  
 MOULLE P: 4409  
 MOULTON A: 5935  
 MOULY R: 4410  
 MOUNTAIN KR: 4411  
 MOURIDSEN H: 1830  
 MOUSTAFA E: 4412  
 MOUTTE A: 2320  
 MOVSESIAN RA: 3645, 6539  
 MOXLEY TR: 4413  
 MOYED HS: 7203  
 MOYNIHAN PC: 2418  
 MOZEN MM: 5732  
 MOZZICONACCI P: 1134  
 MRAZEK SA: 4414  
 MROSS G: 1495  
 MROSS GA: 1496, 4415  
 MUCSI I: 431  
 MUDD SH: 4416  
 MUDRIC V: 5252  
 MUELLER HS: 2056  
 MUELLER MJ JR: 4417  
 MUELLER-ECKHARDT C: 3833, 4418-4419  
 MUGGIA FM: 4420  
 MUHLENEN A VON: 3459  
 MUHRER ME: 1156, 3017  
 MUIR A: 6144  
 MUIR H: 4421  
 MUIRHEAD CR: 6511  
 MUIS H: 3761  
 MUKHERJEE DS: 1197  
 MUKHERJEE ND: 5828, 7079  
 MUKHERJEE TK: 4422  
 MULDER J: 2519  
 MULL MM: 4423  
 MULLANEY J: 4424  
 MULLARD GW: 2300  
 MULLEN DC: 4425, 5143  
 MULLER AD: 2526  
 MULLER B: 1795  
 MULLER D: 4426  
 MULLER G: 1763, 4427  
 MULLER H: 6992  
 MULLER JH: 4428-4429  
 MULLER JM: 1170, 4430-4431  
 MULLER K: 5744  
 MULLER KH: 4432  
 MULLER L: 794  
 MULLER M: 4433  
 MULLER ME: 4434  
 MULLER P: 2136  
 MULLER U: 2644  
 MULLER W: 4435  
 MULLER-BERGHHAUS G: 3705, 4418, 4436-4438  
 MULLER-EBERHARD HJ: 829, 1099  
 MULLER-EBERHARD U: 5477  
 MULLER-HEUBACH E: 1430  
 MULLER-RUCHHOLTZ W: 4439-4440, 6054  
 MULLER-WIELAND K: 492, 4441  
 MULLINS AM: 6985-6986  
 MUNCK A: 6987  
 MUNDINGER F: 4442  
 MUNEMOTO K: 4443  
 MUNFORD AG: 6382  
 MUNOZ J: 1089  
 MUNRO AJ: 2759  
 MUNTZ F: 6496  
 MURACHI T: 7069  
 MURACO NETO B: 7009  
 MURAKAMI K: 6334  
 MURAKAMI M: 4444-4445  
 MURAKAMI Y: 4446  
 MURAMATSU T: 196, 4447  
 MURAMATU M: 4448  
 MURANO G: 5775-5777  
 MURASCHI TF: 6610  
 MURASE H: 7063-7064  
 MURASHOV RG: 4449  
 MURATA K: 4520, 7046  
 MURATA R: 3307  
 MURATA T: 4722  
 MURAVEISKAIA VS: 6706  
 MURAV'EV MF: 4450  
 MURAYAMA K: 4507  
 MURDOCH JL: 430  
 MURER EH: 4451-4452  
 MURISASCO A: 4453  
 MURLEY RS: 1362  
 MURPHY DL: 4454-4455  
 MURPHY EA: 4456  
 MURPHY EG: 4457  
 MURPHY FA: 655  
 MURPHY GP: 2252, 2568  
 MURPHY ML: 4696  
 MURPHY S: 4458, 4798  
 MURPHY WT: 4459  
 MURRAY JE: 3868  
 MURRAY JF: 6100  
 MURRAY M: 6009  
 MURRAY R: 352  
 MURRAY RG: 6327  
 MURRAY TS: 3507, 4460  
 MURTHY DP: 1400-1401  
 MURTHY PS: 3398  
 MUSCAT-BARON J: 4190  
 MUSCATELLO U: 830  
 MUSIAL M: 3395  
 MUSIAL W: 4461  
 MUSIATOVICH IU: 4462  
 MUSIATOWICZ B: 1964  
 MUSIENKO VI: 4463  
 MUSIKHIN LS: 4464  
 MUSSER AW: 1014  
 MUSSET R: 4465-4466  
 MUSSGNUG G: 4467  
 MUSSINI: 359  
 MUSTAFA HT: 3549  
 MUSTAKALLIO KK: 4468, 5590  
 MUSTALA OO: 4469  
 MUSTARD JF: 191, 2720, 3181, 4470-4471, 4830, 5338  
 MUSUMECI V: 562  
 MUSZBEK L: 4472, 6487  
 MUSZYNSKA G: 4473  
 MUSZYNSKI A: 808  
 MUTO M: 4474-4475  
 MUTT V: 4476  
 MYALL RW: 4477  
 MYDLIK M: 1360, 4478  
 MYERS AR: 6425  
 MYERS K: 867, 6614  
 MYHRE HO: 4479  
 MYRHE-JENSEN O: 4480  
 MYLLYLA G: 1856, 1958, 4481, 4853, 4956-4958  
 MYRIN PA: 262  
 MYSIK M: 1526  
 MYSLINSKA M: 4482  
 MYSLIVY M: 1831  
 MYSLIWIEC M: 535-536  
 MZHAMALOVA ZM: 4483  
 N  
 NABESHIMA S: 4484  
 NABHOLZ M: 5619  
 NACHMAN RL: 4485-4486  
 NADAS AS: 5466  
 NADEL A: 3899  
 NADEZHDA G: 3512  
 NADJMI M: 726  
 NAEGELE M: 4487  
 NAESS K: 4488-4489  
 NAFFIS D: 2258



# AUTHOR INDEX

NAGA O: 2851  
 NAGAHAMA K: 3477  
 NAGAHASHI C: 4490  
 NAGAI K: 3256  
 NAGAKI K: 4491-4492  
 NAGANO H: 3987  
 NAGAOKA H: 2850  
 NAGASAWA S: 4493-4494, 6283  
 NAGASAWA T: 5878  
 NAGASHIMA R: 3653  
 NAGATA K: 6044  
 NAGATANI M: 4495  
 NAGAY B: 4496  
 NAGEL M: 4497  
 NAGY G: 4498-4499  
 NAGY I: 2002, 2010  
 NAGY Z: 6894-6895  
 NAHAS GG: 2325, 4500  
 NAIMAN JL: 4501  
 NAIMAN PM: 4502  
 NAITO C: 4503  
 NAITO H: 4276  
 NAITO J: 4504  
 NAITO N: 6329  
 NAITO T: 6852  
 NAJEAN Y: 190, 2884, 4505  
 NAJMAN A: 1552, 2283  
 NAKAGAWA H: 3310  
 NAKAGAWA Y: 4506, 4510, 5889, 7051  
 NAKAHAMA S: 4618  
 NAKAHARA K: 2487  
 NAKAJIMA H: 4507  
 NAKAJIMA S: 4508  
 NAKAJIMA T: 3460  
 NAKAMURA H: 4509  
 NAKAMURA K: 2792  
 NAKAMURA M: 4510  
 NAKAMURA S: 4511  
 NAKANE M: 4276  
 NAKANISHI H: 4512  
 NAKANISHI M: 4513-4514  
 NAKANISHI S: 2825  
 NAKANO M: 3401, 4515  
 NAKANO NI: 3401  
 NAKAO Y: 3038  
 NAKASHIMA Y: 4516-4517  
 NAKASHIZUKA T: 4518  
 NAKASO C: 3345  
 NAKATA Y: 3038  
 NAKATO T: 4518  
 NAKATSUI T: 4519  
 NAKAYAMA S: 128  
 NAKAZAWA K: 4520  
 NAKKEFF A: 4521  
 NALBANDIAN RM: 4522-4523  
 NAMMACHER MA: 4524  
 NANBA T: 1615  
 NANBO M: 180  
 NANDA KUMAR NV: 3140  
 NANEZ BURBANO H: 5272  
 NAPOLI PA: 164  
 NARAHASHI Y: 4525  
 NARODETSKAIA RV: 6733  
 NARONNIK K: 4526  
 NARUSE T: 5878  
 NASCIMENTO LO: 3532  
 NASULETTI A: 927  
 NASLEDOVA ED: 3789  
 NASSAR WY: 5834  
 NASTASE IM: 1579  
 NASTIC D: 1500  
 NASYROVA LG: 6733  
 NATELSON EA: 4527-4528  
 NATH K: 4529  
 NATH P: 994  
 NATH RL: 4530  
 NATHAN DG: 126, 5466  
 NATHENSON SG: 4447  
 NAUGHTON MA: 2593  
 NAUMANN G: 1865, 4531  
 NAVARRO J: 3536  
 NAVIA BUENO D: 4532  
 NAVRATIL F: 883  
 NAZAREVSKII NG: 6755  
 NAZIF M: 4533  
 NAZIMOFF O: 1136  
 NEAL FC: 976  
 NEBESAR RA: 5113  
 NECHIPORENKO FP: 4534  
 NEDELESCU R: 1233  
 NEEDLEMAN SB: 4535  
 NEFF H: 4536  
 NEER EJ: 4537  
 NEESGAARD I: 1830  
 NEET KE: 4538  
 NEFEDOVA RS: 6158  
 NEFF JM: 4166  
 NEGISHI S: 4675  
 NEGRIN J JR: 4539  
 NEGRU-VODA VV: 3767  
 NEHAMA ID: 4071  
 NEIDHARDT JH: 4540  
 NEIMANN N: 6326, 6703  
 NEIMARK II: 4541  
 NEJAD N: 3217  
 NELEMANS FA: 4219, 4542  
 NELKEN D: 2398, 7111  
 NELLER E: 1430, 4543  
 NELSEN L: 4544  
 NELSON DE: 4110  
 NELSON DS: 2728, 4545  
 NELSON EC: 815  
 NELSON GA: 5396  
 NELSON GH: 4546  
 NELSON NA: 4547  
 NELSON PG: 4548  
 NELSON RA: 4549  
 NEME B: 4550  
 NEMEC HW: 4551  
 NEMERSON Y: 4552  
 NEMETH E: 4872  
 NENADIC CM: 4553  
 NEPOKORCHITSKII EO: 4554  
 NEPOKROEFF C: 4555  
 NERI LL: 5597-5599  
 NERI SERNERI GG: 4556  
 NERMUT MV: 5995  
 NESBAKKEN R: 1168  
 NESBIT ME JR: 4557  
 NESET G: 355  
 NESJE OA: 4558  
 NESTEL PJ: 4559  
 NESTERENKO IUA: 3929  
 NESTERENKO NI: 4560-4561  
 NESTERIN MF: 5146  
 NEUBAUER FW: 6785  
 NEUDOERFFER TS: 4562  
 NEUHOF H: 4563-4564  
 NEUHOF V: 4565  
 NEUJAER RV: 4566, 6850  
 NEUMANN D: 2470  
 NEUMANN JG: 4567  
 NEUMAYR A: 4568  
 NEURATH H: 205-206, 426-427, 712, 5000, 5246, 5317, 6808  
 NEUWIRTHOVA D: 3425  
 NEVA FA: 4569  
 NEVANLINNA HR: 1958  
 NEVES JC: 5893  
 NEVEU J: 4570  
 NEVEU T: 174  
 NEWCOMB RW: 783  
 NEWCOMBE D: 3822  
 NEWCOMER VD: 1942  
 NEWELL DJ: 1196  
 NEWELL GR: 5930  
 NEWHOUSE ML: 4571  
 NEWKIRK JD: 4572  
 NEWMAN J: 2959  
 NEWTON NA: 1201  
 NEWTON WA JR: 2258  
 NG KK: 4573  
 NGUYEN-DUONG H: 731  
 NIAUSSAT P: 4574  
 NIAZI SP: 4575  
 NICHAMAN MZ: 1909  
 NICHOLLS DG: 3485  
 NICHOLLS MG: 4576  
 NICHOLLS RJ: 4577  
 NICHOLS ME: 4037  
 NICKMAN NI: 1955  
 NICOL M: 2209-2210  
 NICOLAESCU V: 6396  
 NICOLAIDES AN: 3023, 3026, 5341  
 NICOLAS D: 3954  
 NICOLL PA: 2434  
 NICOLLE FV: 4578  
 NICOLOFF DM: 1649  
 NIEBROJ TK: 5057  
 NIEDERMEIER K: 6528  
 NIELSEN B: 1062  
 NIELSEN LS: 3200  
 NIELSEN NC: 4579-4583  
 NIELSEN SW: 2721  
 NIELUBOWICZ J: 4584  
 NIESCHLAG E: 2073  
 NIESLANIK J: 1831  
 NIEUWENHUIZEN W: 4028  
 NIEWEG HO: 6951  
 NIEWIAROWSKI S: 332, 1743, 2482, 2636, 4585-4586, 4654, 6185, 6424-6425  
 NIGMATULLINA RT: 4587  
 NIGRI A: 4588  
 NIIMI K: 3275  
 NIITANI H: 4589  
 NIKAIIDO H: 4590  
 NIKIFOROVA OA: 4591-4592  
 NIKITIN IUP: 4593-4596, 4679  
 NIKITIN YP: 4597  
 NIKITINA KA: 4598  
 NIKITINA VG: 6390  
 NIKOLAEV EI: 3789  
 NIKOLAEV VA: 4599  
 NIKOLAEVA AA: 3113  
 NIKOLAI TF: 5392  
 NIKOLENKO KK: 5989  
 NIKONOV GK: 3348  
 NIKULIN A: 4600  
 NIKULIN VI: 7108  
 NILEHN JE: 1987  
 NILSSON A: 203, 4601  
 NILSSON DM: 153, 209, 1634-1635, 2501, 2830-2831, 2883, 3747, 4602-4604, 6480  
 NILSSON NJ: 2336  
 NILSSON SO: 66  
 NIMBERG GA: 2047  
 NIMMANNITYA S: 2368  
 NINOMIYAK: 4605  
 NIPKOW P: 3641  
 NIPPERT M: 726  
 NISALAK A: 2370, 4606  
 NISHI A: 1949  
 NISHI S: 4607  
 NISHIBAYASHI-YAMASHITA H: 4608  
 NISHIHARA H: 2853  
 NISHIHARA K: 2675  
 NISHIHARA T: 4609  
 NISHIHARA K: 4610  
 NISHIJO S: 6353  
 NISHIMURA A: 4611  
 NISHIMURA M: 4578  
 NISHIMURA N: 4612  
 NISHINO T: 4808  
 NISHIOKA K: 4613  
 NISHIWAKI T: 6337  
 NISHIYAMA K: 4495  
 NISHIZAKI Y: 3171  
 NISSEN NI: 4614  
 NISSIM F: 3143  
 NISWANDER KR: 131  
 NITA I: 4868  
 NITA Z: 7106  
 NITSCHKOFF S: 2128  
 NITTA H: 4615, 6259  
 NITYANAND S: 3051, 4616  
 NITZSCHE P: 4617  
 NIVELON JL: 510  
 NIWA K: 6481  
 NIZZA P: 6624  
 NOCTON F: 4691  
 NODA H: 2373  
 NODA Y: 4618, 5894  
 NODA YD: 7066  
 NODELSON SE: 4278  
 NOEL G: 2136  
 NOEL G: 4130-4131  
 NOEL SP: 3994  
 NOHARA M: 2812  
 NOLAN C: 6147  
 NOLAN JF: 6305  
 NOLAN SP: 3298  
 NOLAN TR: 2305  
 NOMURA J: 4619  
 NOMURA N: 3742  
 NOMURA T: 6256  
 NONAKA T: 4107  
 NOON GP: 405  
 NORBACK B: 2336  
 NORBERG B: 4620-4621  
 NORD CE: 4622-4623, 6025



# AUTHOR INDEX

NORDEN A: 4624  
 NORDLING S: 1958  
 NORDLUND JJ: 4625  
 NORDMANN J: 4626  
 NORDOY A: 4627  
 NORDSTROM C: 4628  
 NORDSTROM S: 1608, 4629-4631  
 NORDSTRM S: 4632  
 NOREN I: 4633-4634  
 NORGGAARD-PEDERSEN B: 4635  
 NORI A: 4636  
 NORMAN HG JR: 1436  
 NORMAN JC: 4637-4638  
 NORRBY E: 4061, 4639  
 NORRBY K: 2341  
 NORRIS JW: 4640  
 NORRIS WP: 4641  
 NORTH AC: 4642-4643  
 NORTH CUTT RC: 4644  
 NORTON EW: 2596  
 NOSAL R: 4645  
 NOSNY Y: 3501  
 NOSSEIR E: 4646  
 NOSSEL HL: 710, 5221  
 NOTANI GW: 4313  
 NOTOMI A: 4647  
 NOUR-ELDIN F: 4648  
 NOVAC E: 856, 858-859  
 NOVAK J: 4649  
 NOVAKOVIC R: 4650  
 NOVELLO F: 1349  
 NOVER A: 4651  
 NOVIKOV VE: 4652  
 NOVIKOVA KF: 5502  
 NOVIKOVA LA: 6554  
 NOVIKOVA LS: 3368  
 NOVIKOVA SP: 6662  
 NOVITSKII VS: 4653  
 NOVOGRODSKY A: 3733  
 NOVOTNY J: 1889  
 NOWAK A: 4654  
 NOWAK S: 4655  
 NOWAKOWSKI TK: 4656  
 NOWOTNY P: 3646  
 NOYER M: 4657  
 NOYES AN: 708  
 NOZDRACHEV IUI: 5100  
 NOZU Y: 4609, 4658-4659  
 NUBAR Y: 4660  
 NUERNBERGK W: 4661  
 NUMA S: 2825  
 NUMMI P: 4662  
 NUNES V: 4890  
 NUREDDIN A: 4663  
 NURET R: 1322  
 NURICK S: 4664  
 NUSBAUM M: 5573  
 NUSKE R: 532  
 NUSSBAUM M: 2531  
 NUSSELT-BOHAUMILITZKY K: 6597  
 NUSTAD K: 2007, 4666-4667, 4700  
 NUTINI LG: 6535  
 NYBURG SC: 897  
 NYE SW: 4608  
 NYHUS LM: 314  
 NYLANDER G: 2966, 4668  
 NYMAN D: 4669

OAKLEY CM: 5070  
 OATA M: 3993  
 OATES M: 5765  
 OBDRZALEK V: 4670  
 OBENCHAIN TG: 4671  
 OBERG WB: 801  
 OBERG B: 299, 1480  
 OBERG J: 4672  
 OBERG L: 1643  
 OBERLING F: 4673  
 OBERMAN HA: 1109, 5453  
 OBEROSLER R: 4051  
 OBERSCHULTE-BECKMANN D: 4674  
 OBIKA M: 4675  
 OBINATA M: 4676  
 OBLU N: 4677-4678  
 OBORINA IUN: 4679  
 OBREJA T: 4677  
 O'BRIEN ET: 2739  
 O'BRIEN GF: 1456

O'BRIEN JR: 4680-4682  
 O'BRIEN K: 5330  
 O'BRIEN RA: 679-680  
 O'BRIEN RD: 4683  
 OBRZUT D: 1071  
 OBUCHI S: 12  
 OCHI Y: 4684  
 OCHSNER A: 4685  
 OCHSNER JL: 4685  
 OCKERMAN PA: 4604  
 O'CONNOR BT: 6125  
 O'CONNOR P: 3696-3699  
 ODA K: 4808  
 ODA T: 7049, 7085  
 ODAKE K: 4686-4688  
 ODAKURA T: 7065  
 ODASHIMA S: 6279  
 O'DAY DM: 210  
 ODEHNAL F: 4689  
 ODESSKAIA TA: 4690  
 ODIEVRE M: 4691  
 ODINTSOV AI: 7140-7141  
 ODOM MH: 2762  
 O'DONNELL JJ: 4692  
 ODRZYWOLSKA A: 4654  
 OE K: 4693-4694, 4806  
 OELS HC: 4820  
 OEPEN I: 4695  
 OERTNER R: 6747  
 OESTER YT: 3249  
 OETTGEN HF: 512, 4696  
 OFNER A: 390  
 OFNER F: 3263  
 OFSTAD E: 2335, 4698-4700  
 OGANOV RG: 4702  
 OGATA K: 3450  
 OGAWA I: 6616  
 OGAWA K: 3942  
 OGAWA M: 4703  
 OGG CS: 2442  
 OGILVIE M: 3830  
 OGISO T: 6262  
 OGNIANOV M: 6460  
 OGNIVENKO VM: 4704-4705  
 OGOSHI S: 5999  
 OGSTON CM: 4707  
 OGSTON D: 1314-1315, 4706-4707  
 OGURI M: 4708  
 OGURTSOVA RE: 4709  
 OHARA K: 4710  
 OHKISHI H: 3450  
 OHKITA T: 1088  
 OHLER WG: 1369  
 OHLSSON K: 1986, 4711  
 OHM OJ: 4712  
 OHMANN E: 4713-4714  
 OHNO M: 4715  
 OHNO R: 4716  
 OHSAKA A: 4762, 6335  
 OHYA T: 4717  
 OISHI M: 4718  
 OISHI N: 4719  
 OIVIN VI: 4720, 6276, 6756  
 OJA H: 4721  
 OJA SS: 4721  
 OJVIN VJ: 6757  
 OKA E: 4304  
 OKA H: 7052  
 OKA S: 4722  
 OKA T: 4373-4375  
 OKADA S: 4723  
 OKADA T: 3480, 4514  
 OKADA TA: 1137  
 OKADA Y: 4609, 4658-4659, 4724  
 OKAGAKI T: 7137  
 OKAMOTO S: 4244  
 OKAMURA H: 4725  
 OKANO H: 4726  
 OKER-BLOM N: 4958  
 OKI T: 2812  
 OKINO H: 4727  
 OKONKWO P: 4728  
 OKUBO K: 4296  
 OKUDA H: 5895  
 OKUDA K: 4729  
 OKUDA Y: 4214  
 OKUKUKI K: 7053  
 OKULSKI J: 877, 3727, 4730  
 OKUMA M: 4731-4732  
 OKUMA S: 4733

OKUMURA S: 4734  
 OKUMURA Y: 1940  
 OKUNO Y: 4299  
 OKUNUKI K: 6783  
 OKUTOMI A: 6481  
 OLDENKOTT P: 2522  
 OLDEWURTEL HA: 4393  
 OLDUROVA SV: 6278, 6763  
 O'LEARY DS: 4254  
 O'LEARY MH: 4735  
 OLEDZKA R: 3388  
 OLEINICK A: 6887  
 OLEINIK NI: 4736  
 OLENOV IUM: 5091  
 OLESEN J: 4737  
 OLESHKEVICH FV: 7169  
 OLESON JJ: 4389  
 OLESZKIEWICZ J: 4738  
 OLICHWIER Z: 5105  
 OLIN P: 4739  
 OLIVA OTERO G: 4740  
 OLIVE D: 6703  
 OLIVECRONA T: 4741  
 OLIVEIRA B: 4742  
 OLIVER C: 951, 1345  
 OLIVER MF: 3476  
 OLIVER RW: 2957  
 OLIVIER C: 398, 4743-4744  
 OLIVIER-MARTIN M: 4008  
 OLIVOTTO R: 5301  
 OLLIG D: 6250-6251  
 OLM LM: 4745  
 OLMER J: 4746  
 O'LOUGHLIN EP: 4195  
 OLSEN EG: 4747-4748  
 OLSEN TE: 4952  
 OL'SHANSKII CHS: 4749  
 OL'SHEVSKI V: 4750  
 OLSON A: 1984  
 OLSON JR: 4751  
 OLSON RE: 1419, 3184, 3664-3665, 4752-4754  
 OLSSON: 4755  
 OLSSON P: 595, 1347, 4631, 4756  
 OLSZEWSKI WL: 371  
 OLWIN JE: 4757  
 OMAR LEBAS J: 1521  
 OMENN GS: 4758-4760  
 OMMAYA AK: 1498  
 OMORI I: 4761  
 OMORI-SATOH T: 4762  
 OMURA K: 5894  
 OMURA T: 6350  
 OMURA Y: 5895  
 O'NEAL RM: 3606  
 ONGARO M: 5301  
 ONISAWA J: 4763-4764  
 ONO K: 2693, 4765, 6114  
 ONO M: 4444, 4766  
 ONO T: 4659  
 ONODERA E: 4767  
 ONOSHII T: 3171  
 ONTJES DA: 4759-4760, 4768  
 OOIZUMI K: 4382  
 OOSTERHUIS JA: 3764  
 OOUZUMI T: 2375  
 OPARIN VS: 3592  
 OPOLON P: 4769  
 OPPELT A: 3286  
 OPPEN U VON: 709  
 OPPITZ KH: 1922  
 OPRISIU C: 289  
 OQUENDO-CABRERA A: 1189  
 ORAL I: 574  
 ORDUROVA SV: 6265  
 OREGLIA J: 1225  
 O'REILLY RA: 3654, 3893, 4770-4771  
 OREN ME: 4772  
 OREPOPOULOS D: 7073  
 ORINION EA: 955  
 O'RIRDAN J: 4773  
 ORLIKOV GA: 4774  
 ORLINA AR: 4775  
 ORLOV AG: 4776  
 ORLOV VS: 324, 3050  
 ORLOVA LD: 125, 3788  
 ORLOVA NP: 4777  
 ORLOVA PN: 7118  
 ORLOVA RS: 6699  
 ORLOWSKI WJ: 4778  
 ORME M: 4779



# AUTHOR INDEX

ORME ML: 732  
 ORMEROD WE: 4780  
 ORNELLAS MR: 3496, 4781  
 ORR HC: 5197  
 ORR M: 5326  
 ORR NW: 4782  
 ORRENIUS S: 3468, 4783  
 ORRINGER E: 4784  
 ORSONI C: 4785  
 ORSUCCI PL: 5506  
 ORTA B: 5050  
 ORTH DS: 4786-4787  
 ORTH GW: 4788  
 ORTH K: 3001, 3708  
 ORTIZ OLMEDO A: 1357  
 ORTIZ VAZQUEZ J: 5931  
 ORUMUKA Y: 4789  
 OSAKA A: 6336  
 OSAWA K: 3041  
 OSBALDISTON GW: 1811  
 OSCHATZ R: 2514  
 OSER F: 4790  
 OSER RS: 3849  
 O'SHEA MJ: 768, 4791  
 OSHIBA S: 4792  
 OSHIDA N: 4793  
 OSHIMA G: 4794-4795  
 OSHIMA Y: 4520  
 OSHIRO Y: 4796  
 OSKI FA: 4797-4798, 6258  
 OSLER AG: 4742, 5974-5975  
 OSMAN HG: 4799-4800  
 OSSENKOPP G: 6145  
 OSSERMAN EF: 6168  
 OSSOINIG K: 607, 4801  
 OSTEN W: 943  
 OSTERLAND CK: 6086  
 OSTERUD B: 4802  
 OSTERVOLD B: 2468  
 OSTROWITZ A: 4803  
 OSUGA T: 5145  
 O'SULLIVAN EF: 2606-2609  
 O'SULLIVAN J: 4804  
 O'SULLIVAN MB: 4805  
 OSUNKOYA BO: 4806, 6031  
 OSYCHNIUK VI: 4807  
 OTA E: 6499  
 OTA G: 4808  
 OTA K: 1088, 4809  
 OTA N: 4518  
 OTA Y: 1615  
 OTSUKI K: 4810-4811  
 OTT F: 7038  
 OTT WR: 6156  
 OTTAVIANI A: 4812  
 OTTAVIANI P: 4813  
 OTTEN J: 4814  
 OTTENI JC: 4815  
 OTTESEN M: 4816  
 OTTO-SERVAIS M: 4817  
 OTTOLANDER GJ DEN: 4818  
 OTWAY S: 657  
 OUAKNINE G: 6738  
 OUSTERHOUT DK: 2718, 4819  
 OUTEIRINO J: 5607  
 OUTEIRINO J: 5608  
 OVARY Z: 3973-3974  
 OVCHAROVA ES: 5344  
 OVERHOLT BF: 3439  
 OVERHOLT EL: 1710  
 OVERZIER C: 2073  
 OWEN CA JR: 695-699, 1423-1424, 1580, 2334, 2779, 4820-4821, 7107, 4138  
 OYANAGI K: 6045-6046  
 OYEN R: 6122  
 OYER PE: 6147  
 OZAKI J: 3311  
 OZAWA H: 4822, 5944  
 OZAWA M: 1948  
 OZDEN B: 3324  
 OZGE-ANWAR AH: 4823  
 OZIO M: 4615, 6259  
 OZOLS J: 4824  
 OZSOYLU S: 4825, 5854

P

PAAR D: 1113, 4826  
 PAASONEN MK: 73  
 PACCALIN J: 4827-4828

PACKER AD: 4829  
 PACKHAM MA: 191, 3181, 4470-4471, 4830  
 PADOVAN D: 5181  
 PAFOMOV GA: 6278  
 PAGANO JS: 4831  
 PAGE D: 2351  
 PAGE IH: 4832  
 PAGE JG: 4833  
 PAGLIUCA N: 2305  
 PAIGE JC: 2230-2231  
 PAIK WK: 4834-4835  
 PAILLAS JE: 4836  
 PAIN: 3995  
 PAIN RH: 4837  
 PAINE R: 5354  
 PAINTER RH: 4838  
 PAJOT P: 4839  
 PALACIOS-MACEDO X: 4840  
 PALADE C: 5136  
 PALADINI AC: 1348  
 PALAZZUOLI V: 5506-5507  
 PALEIRAC G: 797  
 PALESTER-CHLEBOWCZYK M: 4841  
 PALETTA FX: 1239  
 PALIANITSA VN: 5501  
 PALIKHOVTSCH SA: 436  
 PALKOVITS M: 6638  
 PALLESCHI A: 4842  
 PALLESCHI M: 4842  
 PALLIEZ R: 2715  
 PALMER G: 4843  
 PALMER JM: 3808  
 PALMER R: 4844  
 PALMER SF: 4845  
 PALMER WH: 7042  
 PALMERIO C: 3514  
 PALMIA C: 4901  
 PALO J: 4846  
 PALOS AL: 4847, 5628  
 PALUMBO E: 489, 4848  
 PAMBUCCIAN G: 472  
 PAMER T: 2703  
 PAMPUS W: 6520  
 PANAK E: 1303  
 PANAYOTOPOULOS E: 4849  
 PANAYOTOPOULOS S: 4849  
 PANCHENKO VM: 3939, 4850-4851, 5911  
 PANDE SV: 4852  
 PANELIUS M: 4853  
 PANETH M: 4854-4855  
 PANIAGUA G: 5607-5608  
 PANICHKINA VI: 4807, 4856  
 PANKA J: 2002  
 PANNACCIULLI I: 5595  
 PANNELL G: 5268  
 PANNWITZ S: 4857  
 PANYSHIN NN: 2243  
 PAOLAGGI JA: 4858  
 PAOLI A: 4859  
 PAPA CM: 4860  
 PAPA S: 4861  
 PAPAGNI L: 4862  
 PAPAIAAN LP: 4860, 4863  
 PAPASOGLU O: 4864  
 PAPAYANNIS AG: 4865  
 PAPE RD: 2470  
 PAPILIAN M: 4866-4869  
 PAPILIAN VV: 1554  
 PAPILLON D: 510  
 PAPKOFF H: 4870  
 PAPLA B: 4871  
 PAPP M: 4872  
 PAPPER EM: 2325  
 PAQUET KJ: 2313, 4873  
 PAQUOT JP: 4874  
 PARAF A: 4875  
 PARAMONOVA EA: 1066  
 PARANSKAIA ZHA: 4876  
 PARAVIDINO G: 5595  
 PARDANANI DS: 4877  
 PARDOE GI: 6578  
 PARE C: 5567  
 PARENTI F: 4878  
 PARES J: 4879  
 PARISI AF: 4880  
 PARK BS: 6227  
 PARK WC: 4881  
 PARKER FS: 521  
 PARKER JO: 737  
 PARKES JD: 4882

PARMA A: 4883  
 PARMENTIER C: 4884  
 PARNAUDEAU MA: 686  
 PARODI A: 4885  
 PARODI AS: 3164  
 PARODI E: 62  
 PARQUET P: 60-61  
 PARQUET-GERNEZ A: 1352, 4886  
 PARR CW: 4780  
 PARREIRA F: 4887-4890  
 PARRILA JJ: 270  
 PARRISH MH: 3886  
 PARRISH WB: 1417  
 PARRY C: 4891  
 PARRY EH: 809  
 PARRY EW: 924  
 PARSA I: 4892-4894  
 PARSHINA ZS: 3225  
 PARSONS JA: 3145  
 PARSONS RS: 4895  
 PARWARESCH MR: 4896  
 PASCARELLA F: 354  
 PASCU F: 6777  
 PASCU I: 5138  
 PASCUAL MARCOS S: 5931  
 PASHCHENKO AE: 4897  
 PASKHINA TS: 4898  
 PASOTTI C: 4899  
 PASQUALI-RONCHETTI I: 830  
 PASQUIER JP DU: 1301  
 PASSANNANTE AN: 3628  
 PASSAS H: 4900  
 PASSBACH FL JR: 6985-6986  
 PASSERINI A: 3774, 4901  
 PASTERNAK A: 6648  
 PASTERNAK NA: 1684  
 PASTORI SJ: 2798  
 PASTOROVA VE: 3433-3434, 4902-4904  
 PATAT F: 1808  
 PATCH MJ: 1772  
 PATCHORNIK A: 6069  
 PATEL N: 2797  
 PATERSON N: 5767  
 PATHAK PN: 4905  
 PATKOWSKI J: 4906  
 PATMAN RD: 6431  
 PATRIARCHE GJ: 4907  
 PATRICIA R: 2285  
 PATRICK RS: 3877  
 PATRUSHEV VI: 4908  
 PATSIOA MD: 1673  
 PATTE D: 175  
 PATTERSON JH: 1182  
 PATTERSON RA: 4909  
 PATTON GS: 5375  
 PAUCHANT M: 6831  
 PAUCKER K: 4910  
 PAUL B: 5142  
 PAUL HL: 3264  
 PAUL SE: 546  
 PAUL WE: 2221, 3973, 4911-4913, 7090  
 PAULA E SILVA P DE: 1444  
 PAULET P: 6691  
 PAULEY SM: 4914  
 PAULI A: 1882  
 PAULSEN J: 3816  
 PAULSEN K: 4915  
 PAULSEN MM: 4916  
 PAULUS JM: 4917-4918  
 PAUNESCO-PODEANU A: 4919  
 PAUNESCU-PODEANU A: 4920  
 PAUPE J: 1002  
 PAVELS S: 4921  
 PAVILANIS V: 977  
 PAVLISHCHUK SA: 4922  
 PAVLOVETS MV: 7169  
 PAWELEC J: 4923  
 PAWELETZ N: 4924  
 PAWLAK AL: 4925  
 PAWLAK F: 573  
 PAWLOTSKY Y: 4926-4927  
 PAWLOWSKI A: 3819  
 PAXINOS J: 4259  
 PAYEN J: 1328  
 PAYNE JW: 4928  
 PAYNE PR: 4929  
 PAYNE R: 3806  
 PAYNE WS: 3110  
 PAYSANT M: 1696, 4930  
 PAZ RA: 4931



# AUTHOR INDEX

PAZDIORA A: 4932  
 PAZDUR J: 4933-4934  
 PAZZAGLIA R: 473  
 PEABODY RA: 6525  
 PEACOCK EE JR: 3081  
 PEACOCK JH: 694  
 PEAGLER ED: 4404  
 PEAKE RL: 4935  
 PEAKMAN EM: 3805  
 PEANASKY RJ: 3427  
 PEARCE FL: 334  
 PEARN JH: 4936  
 PEARSON AM: 2449  
 PEARSON BS: 4937  
 PEARSON HA: 4938  
 PEARSON J: 3499  
 PEARSON JE JR: 6446  
 PEARSON TA: 4939  
 PEART KM: 1650  
 PEBERDY M: 4191  
 PECAU Y: 1767  
 PECHET GS: 4940  
 PECHET L: 1241, 3123-3124, 4940-4941  
 PECHT M: 2156  
 PECOUT C: 1322  
 PEDEN JC JR: 1568  
 PEDERSEN EK: 504  
 PEDERSEN JT: 4942  
 PEDERSEN KO: 4943  
 PEDERSEN BERGET A: 4944  
 PEDINI G: 5320  
 PEETERS H: 575  
 PEGRUM GD: 5859  
 PEKER J: 4945  
 PEKIC B: 5251  
 PELCZARSKA A: 4946  
 PELEGRIANA I: 6690  
 PELLISSE JM: 1491  
 PELLIGRA R: 4947  
 PELOVSKI P: 4948  
 PELTIER JM: 6834  
 PELU G: 4314  
 PENA CHAVARRIA A: 4949  
 PENALOZA ROJAS CA: 4532  
 PENALVER J: 258  
 PENENZHIK MA: 3156  
 PENHOS JC: 3583  
 PENNINGTON DG: 4950-4952  
 PENKOVA NG: 2786  
 PENKOVIC KI: 4953  
 PENN I: 165, 8114  
 PENNER JA: 2613-2614, 5453, 5927, 6021  
 PENNY R: 949, 4954  
 PENTTILA A: 4955  
 PENTTINEN K: 4853, 4956-4958  
 PEPPER MD: 1226  
 PEPPERS GF: 2157  
 PERCIVAL SP: 4959  
 PEREIRA LEITE L: 5452  
 PERESLENI NA: 4960  
 PEREY DY: 4961  
 PEREZ DE LEMA JA: 5931  
 PEREZ GOMEZ FJ: 3912  
 PEREZ-SANTIAGO E: 1886, 2705  
 PEREZ SOTELO R: 4963  
 PERHAM RN: 150-151  
 PERILLAT P: 3617  
 PERILLE PE: 5206  
 PERILLIE PE: 4964  
 PERINE J: 4071  
 PERINE PL: 809  
 PERINI G: 4965  
 PERISIC-COLIC N: 1461  
 PERKINS ES: 4966  
 PERKINS HA: 4967-4969  
 PERKINS RL: 1750  
 PERKO M: 4970  
 PERLEWITZ J: 3522, 4971  
 PERLICK E: 4972-4975, 5010  
 PERLMUTT L: 2762  
 PERNOD J: 5159  
 PERON Y: 4001  
 PEROU M: 2324  
 PERRETTI F: 4976  
 PERRIN D: 4977  
 PERRIN J: 6501  
 PERRINO G: 6672-6674  
 PERROT J: 6697-6698  
 PERROTIN J: 4979  
 PERRUDET-BADOUX A: 4980

PERRY HO: 3163  
 PERRY JM: 6072  
 PERRY MO: 4981  
 PERRY S: 1717, 4982, 6090  
 PERSKY L: 89-90, 6550  
 PERTSOVSKII AI: 4983-4984  
 PERZANOWSKI A: 535-536, 1071  
 PERZIK SL: 2149  
 PESSAC B: 4985  
 PETEK A: 3073  
 PETELLI AS: 2330  
 PETER H: 4986  
 PETER R: 5327  
 PETERKOFKY A: 6167  
 PETERS A: 3539  
 PETERS CM: 5018  
 PETERS JP: 4987  
 PETERS T JR: 713  
 PETERS TJ: 4988  
 PETERSEN A: 4896  
 PETERSON A: 4994  
 PETERSON C JR: 4989  
 PETERSON EP: 4990-4991  
 PETERSON EW: 1574  
 PETERSON HI: 4992-4994  
 PETERSON HO: 152  
 PETERSON J: 4995, 7191  
 PETERSON LF: 4138  
 PETERSON LJ: 4204  
 PETERSON LM: 4996  
 PETERSON OP: 3376  
 PETERSON PA: 3063  
 PETERSON RA: 4997  
 PETIT H: 6837  
 PETKIAVICHENE P: 6245  
 PETR R: 4998-4999  
 PETRA PH: 5000  
 PETRAKIS NL: 110  
 PETRASEK J: 630  
 PETRELLI F: 5001  
 PETRESCU CM: 5002  
 PETRI B: 3364  
 PETRIDIS I: 5632  
 PETRIE JC: 3881  
 PETRIE JJ: 5003  
 PETRISHCHEV NN: 5004  
 PETROBONI V: 6074-6075  
 PETROV VI: 5005  
 PETROVA EM: 3585, 3801  
 PETROVA KG: 5006  
 PETROVA TR: 5007  
 PETROV-MASLAKOV MA: 5008  
 PETROVSKA E: 4084  
 PETROVSKII VV: 6159  
 PETROZZI JW: 5009  
 PETRY R: 4122  
 PETTER O: 5010  
 PETTINGER WA: 5011  
 PETTIT JE: 569  
 PETZ L: 6767  
 PETZEL H: 5012  
 PETZOLDT R: 5712  
 PEYDRO A: 3748  
 PEYRAT MA: 2292  
 PEZZICA R: 5013  
 PFEIFER GW: 5014-5017  
 PFEIFFER CJ: 377, 5018  
 PFISTERER H: 6188  
 PFITZNER W: 6871  
 PFLEIDERER G: 5019, 5483, 6051  
 PFLEIDERER T: 4366, 5020, 6865-6866  
 PFLUGSHAUP R: 3782  
 PFORTNER P: 6455  
 PHELAN JJ: 5021  
 PHELPS CF: 2415  
 PHETEPLACE EA: 3868  
 PHILBERT M: 1387  
 PHILIP G: 5022  
 PHILIP M: 6667  
 PHILIP RB: 1079  
 PHILIPP G: 5023  
 PHILIPP R: 5762  
 PHILIPPE E: 5556  
 PHILIPPE N: 5024  
 PHILLIPS AT: 2028  
 PHILLIPS BA: 5025  
 PHILLIPS DC: 4642-4643  
 PHILLIPS GB: 5026  
 PHILLIPS JD: 4040  
 PHILLIPS LL: 5027

PHILLIPS OC: 5028  
 PHILLIPS PE: 1308  
 PHILP RB: 5029, 5655  
 PHISPUMVIDHI P: 3533  
 PHILIPPEN R: 5030  
 PHOCAS E: 1145  
 PIA HW: 5031  
 PIACENTINI L: 92  
 PIAMPHONGSANT T: 1847  
 PIANKOVA TI: 6668  
 PIASTA AN: 1544  
 PIC JF: 1558  
 PICARD P: 5032-5033  
 PICCININI F: 5759  
 PICHLMAYR R: 5034  
 PICK A: 1106  
 PICK R: 5329  
 PICKARDT R: 5035  
 PICKERING RJ: 2546, 5036  
 PICKETT MJ: 7010  
 PICOFF RC: 1309  
 PICON G: 4453  
 PIECHAUD M: 6321  
 PIERCE JA: 5037  
 PIERCE JG: 2722, 3668  
 PIERLUISSI J: 5038  
 PIERRE M: 5039  
 PIERSE D: 5040  
 PIERSON M: 6226, 6703  
 PIESENS WF: 5041  
 PIETRI H: 3616  
 PIETRUSKI J: 2013  
 PIETTE M: 5042  
 PIGEAUD H: 5043  
 PIGNAUD G: 884, 3615, 5400, 5402  
 PIHL A: 1161  
 PIHL B: 209  
 PIHL E: 5044  
 PIKE BL: 5414  
 PIKSANOV ON: 5045-5047  
 PIKULA B: 4600  
 PILCHER DB: 5048  
 PILGERSTORFER HW: 1829, 5049  
 PILLARD N: 6061  
 PILLET J: 5050  
 PIMENTEL M: 2659  
 PINCHUK LB: 3543  
 PINCUS T: 5051  
 PINDYCK J: 5052  
 PINEO GF: 716  
 PINI PRATO G: 6712  
 PINK H: 2068  
 PINK JR: 5053  
 PINKHAS J: 3424  
 PINNA LA: 301  
 PINOL AGUADE J: 5054  
 PINOT C: 5055  
 PINTER J: 3534  
 PINTO DJ: 5056  
 PIO MT: 5437  
 PIOTROWICZ B: 5057  
 PIOVANO PB: 6216  
 PIPPIG L: 5058  
 PIPPIONE M: 6216  
 PIQUILLOU Y: 5059, 5481  
 PIRAS R: 6104  
 PIRE JC: 498  
 PIRKLE H: 5060  
 PIRKOLA A: 1958  
 PIROFSKY B: 346  
 PIROLA RC: 5061  
 PIROZIAN LA: 5062  
 PIROZIAN LA: 5063  
 PISANO JJ: 5064  
 PISARSKAIA IB: 6663  
 PISARSKAIA IV: 5065, 5852, 6664  
 PISCATELLI RL: 1072, 6716  
 PISCEVIC S: 5251  
 PISTOLESI GF: 5301  
 PISZKIEWICZ D: 5066  
 PITCHER SE: 5067  
 PITKETHLY DT: 5068  
 PITNEY WR: 1030, 4747, 5069-5071  
 PITT B: 5072  
 PITZURRA M: 5073  
 PIZA F: 5074  
 PIZZARRO A: 558  
 PIZZONI D: 1969-1970  
 PIZZUTO J: 5075  
 PLAMENAC P: 4600



# AUTHOR INDEX

- PLAN M: 6502  
 PLANCHEREL P: 5076  
 PLANCOT MT: 5077  
 PLAS M VON DER: 6686  
 PLASIL K: 5213  
 PLAT PM: 1294  
 PLATZER KE: 5078  
 PLAUT AG: 5079  
 PLECH A: 2908  
 PLESA C: 1048  
 PLETSCHER A: 1282-1283, 5080  
 PLHAK F: 4714  
 PLIASKINA AV: 2164  
 PLIKH MB: 4587  
 PLISS GB: 5081-5082  
 PLISSON F: 4466  
 PLIUSHCHEV VE: 3512  
 PLOTZ EJ: 5083  
 PLOUVIER SR: 5084-5086  
 PLUMMER TH JR: 5087  
 PLUNKET DC: 4195  
 PLUZANSKA A: 3418, 5088  
 PLZAK LF JR: 5089  
 POBORAN A: 1233  
 POCHEDLY C: 5090  
 POCOCH SJ: 4571  
 PODGAETSKAIA DIA: 5091  
 PODKOLZIN AA: 53  
 PODLIASHCHUK EL: 5092  
 PODLIASHUK EL: 4960, 5093  
 PODOBEDOVA NS: 5094  
 PODOL'SKII MV: 3195  
 PODUT A: 1579  
 PODWINSKI A: 5559  
 POETSCHKE G: 5095  
 POGGI L: 252, 669  
 POGGIO F: 656  
 POGLIANI E: 5167  
 POGONOWSKA J: 537  
 POGORELOV AI: 5096  
 POGOSIAN AS: 5097  
 POHL SL: 5422  
 POILLEUX J: 5098  
 POITOUT P: 4465-4466  
 POKIDOVA NV: 1684  
 POKORNY D: 1613  
 POKROVSKII AA: 5099  
 POKROVSKII AV: 5100  
 POLA P: 562  
 POLA V: 5101  
 POLACZEK-KORNECKA B: 5102  
 POLAK J: 1063, 5103-5104  
 POLAK N: 838  
 POLAKOVA D: 6760  
 POLANOWSKI A: 5105  
 POLCYN RE: 3382  
 POLESZAK J: 3338  
 POLET H: 371  
 POLGAR L: 5106-5107  
 POLICARD A: 3593  
 POLIN SG: 5108  
 POLISHOOK RD: 5573  
 POLITOWSKI M: 5109  
 POLIWODA H: 5110-5111  
 POLLACK W: 6517  
 POLLAK VE: 5112  
 POLLARD HM: 3439  
 POLLARD JJ: 5113  
 POLLER L: 98, 5114-5115  
 POLLINI H: 4362-4363  
 POLLINI J: 4453  
 POLLITT JE: 1470  
 POLONOVSKI C: 3536  
 POLONOVSKI J: 1696, 4930  
 POLONSKAIA LB: 3510  
 POLSON JB: 5116  
 POLSTIANAIA AV: 3440-3441  
 POLTORAK JL: 5117  
 POLUSHKINA EE: 5118  
 POLYA GM: 5119  
 POLZ G: 5120  
 POMELOV VS: 160  
 PONCHON Y: 5121  
 PONIECKI A: 534  
 PONNIAH S: 990  
 PONOMAREVA EP: 3495  
 PONSEN RJ: 5122  
 PONTE F: 5123  
 PONTEN B: 3334  
 PONTICELLI C: 5124  
 PONTZ B: 5125  
 PONY JC: 1572, 2281  
 POOL JG: 5126  
 POOLE CM: 4641  
 POOLE GJ: 1908  
 POOLE JC: 5216  
 POP A: 5127  
 POP M: 5127  
 POP T: 2009  
 POPA R: 1244  
 POPE TH JR: 2529  
 POPESCU E: 5128, 5131  
 POPESCU ER: 5129  
 POPESCU G: 1244  
 POPESCU TA: 5130-5131  
 POPHAM M: 2260  
 POPLAWSKA A: 5132  
 POPLAWSKI T: 5132  
 POPLAWSKI A: 1743, 2636, 4586, 5133, 7022  
 POPLI SP: 1038  
 POPOV AG: 740-741  
 POPOV S: 4873, 5134-5136  
 POPOV VG: 5137  
 POPOVA LG: 7187  
 POPOVIC K: 6107  
 POPOVICU L: 5138  
 POPOW J: 1964  
 POPPA C: 5092  
 POPUTEVA ZV: 5139  
 PORFIRI L: 5140  
 PORTANOVA R: 5141  
 PORTELANCE V: 5630  
 PORTEMER C: 1006  
 PORTER IH: 5142  
 PORTER JM: 5143  
 PORTER KA: 165  
 PORTER RR: 1932, 4692  
 PORTMAN OW: 5144-5145  
 PORTNOVA NG: 5146, 6733  
 POSEN GA: 5286  
 POSPELOVA EP: 3645, 6763  
 POSPELOVA VV: 6722  
 POSPICHAL J: 432  
 POSPISIL M: 5147  
 POSPISILOVA V: 5214  
 POSSNEROVA V: 5148  
 POST R: 4728  
 POSTIC B: 1779  
 POSTLETHWAIT RW: 1014  
 POSTNIKOV VV: 109  
 POSTOLOV MP: 5149-5150  
 POTAPOUS A: 5080  
 POTAPOV BA: 4065  
 POTAPOV MI: 5151  
 POTEKINA AM: 5152  
 POTEKINA AMK: 5153  
 POTEKINA AM: 5154  
 POTIER JC: 5155  
 POTKIN VE: 1027  
 POTOLCHNA GA: 5156  
 POTTER EV: 747  
 POTTER GD: 5157  
 POTTS JT JR: 3145  
 POTUZNIAK V: 5158  
 POUILLAUDE JM: 5159  
 POUJOL C: 5032  
 POUPE O: 5160  
 POWERS DR: 119  
 POWERS JC: 5161  
 POZDNIKOV VA: 5162  
 POZHARISKII VF: 3441  
 POZNANSKI AK: 5163  
 POZNANSKI S: 5345  
 POZNER H: 5164  
 POZZI M: 2879  
 PRABHU VK: 5165  
 PRADA M DA: 5080  
 PRADEL LA: 1380  
 PRADELLE: 4335  
 PRADO VARGAS G: 5166  
 PRAGA C: 5167  
 PRAGER DJ: 1768, 5168  
 PRAHL JW: 5169, 6083  
 PRAKASH C: 5170  
 PRASAD GC: 5171-5172  
 PRASAD PS: 5279  
 PRATSICA C: 7073  
 PRATT HW 2D: 5173  
 PRATT JH: 5174  
 PRAUD E: 3536  
 PRAVICA LJ: 1461  
 PREISIG R: 5274  
 PREMUZIC-LAMPIC M: 5175  
 PRENTICE CR: 651, 2774, 5176  
 PREOBRAZHENSKII BS: 2185  
 PRESCOTT JM: 2241, 3730-3731  
 PRESCOTT LF: 5177  
 PRESS EM: 5178  
 PRESSMAN D: 5434, 5817-5818  
 PRESTON DF: 5179  
 PRESTON JF: 4878  
 PRETLOW TG: 15  
 PRETORIUS PJ: 6812  
 PREUSSNER S: 5180, 5741-5743  
 PREVIA TO G: 5181  
 PREVIERO A: 1117  
 PREVINA AI: 5182  
 PREVOT J: 6501  
 PREYSSAS J: 5309  
 PREZ M: 5183-5184  
 PRIBILLA W: 5185  
 PRIBOR D: 5186  
 PRIBYLOVA NN: 5187  
 PRICE BB: 4477  
 PRICE JF: 2449  
 PRICE JM: 1687  
 PRIEST CM: 5115  
 PRIESTER LI: 394  
 PRIHODOVA E: 5212  
 PRIKUPETS VL: 1559  
 PRILL A: 2263  
 PRINGLE JR: 5188  
 PRINGSHEIM W: 3061  
 PRINO G: 5189-5194  
 PRISHLIAK VD: 5195  
 PRISTOUPIL TI: 5196  
 PRIVETT OS: 5245  
 PROBATOVA NA: 5525  
 PROBST PG: 5197  
 PROCACCIA S: 6393  
 PROCHAZKA J: 5198-5201  
 PROCTOR HJ: 4405  
 PROFETA G: 952  
 PROFFITT SD: 5174  
 PROKOP O: 3938, 5202  
 PROKOPCHUK ALA: 5203  
 PROKOPOWICZ J: 4586, 7022, 7024  
 PROKUBOVSKII VI: 5204  
 PRONIEWSKA W: 1964  
 PRONK EA: 5205  
 PROP FJ: 6946  
 PROPP S: 5662  
 PROSEK V: 630  
 PROSNITZ L: 5206  
 PROSTIAKOVA NN: 1465  
 PROSZYNSKA-KUCZYNSKA W: 5532  
 PROTASEVICH AI: 324, 3050, 5207  
 PROTASOVA NS: 5208  
 PROTHEAU G: 887  
 PROTSENKO VA: 3285, 5209  
 PROU O: 6064  
 PROU-WARTELE O: 6065  
 PROULX RA: 6716  
 PROVVEDI D: 5506-5507  
 PRUSEK W: 3360  
 PRY TW: 6174  
 PRYOR JP: 768  
 PRYTZ B: 5210  
 PRZYBLOWSKI J: 5211  
 PSUKOV SI: 5182  
 PSIMENOS G: 7073  
 PSTRUZINOVA H: 5212-5213  
 PUCHKOV IUG: 7150  
 PUCHOK I: 5380  
 PUDLAK P: 5214  
 PUECH LEAO LE: 7009  
 PUGACHEV AG: 5215  
 PUGACHEVA IB: 6426  
 PUGATCH EM: 5216  
 PUGSLEY DJ: 2528  
 PUHAN Z: 5217  
 PUIGSERVER A: 4028  
 PUJMAN V: 2406  
 PULEC JL: 5218  
 PULS W: 5219  
 PULVERER G: 2932  
 PUNCHENOK NA: 5220  
 PURANDARE SM: 5835  
 PURCELL G JR: 5221  
 PURTULITE G: 6245



# AUTHOR INDEX

PUSZKIN E: 5222  
PUSZKIN S: 5222  
PUSZTAI R: 431  
PUTNAM FW: 6462-6463, 6952  
PUTTERMAN GJ: 1775  
PYNDINA AM: 5223  
PYORALA K: 5224  
PYORALA T: 5225  
PYRNG LA: 5226

## Q

QUAGLIARIELLO E: 4861  
QUANDALLE P: 5361  
QUARANTELLI V: 1324  
QUATTRIN N: 5227  
QUICK AJ: 5228-5233  
QUIE PG: 3866  
QUINN JA: 1954  
QUINONES PA: 5234  
QUINTON A: 1531  
QUINTYN M: 6205

## R

RAAB W: 5235  
RABE W: 5236  
RABIN H: 5237  
RABINER SF: 5238  
RABINOVICH EM: 5239  
RABINOVITCH M: 5240  
RABINOWITZ R: 507  
RABOTNOVA IL: 4598  
RABUKHINA NA: 5241  
RABY C: 5242-5244  
RACCUGLIA G: 5245  
RACHMILEWITZ EA: 7168  
RACKER E: 1751, 2704  
RACZ M: 4499  
RADEMA H: 5205  
RADECHT HJ: 5435-5436, 6222-6224  
RADHAKRISHNAMURTHY B: 6095  
RADHAKRISHNAN TM: 5246  
RADIANT L: 472  
RADIGUET DE LA BASTAIE P: 4500, 5032-5033  
RADIVOYEVTICH M: 2088  
RADNICH RH: 5247  
RADNOFF OD: 5248  
RADOCHA K: 5249-5250  
RADOCHOVA D: 5249-5250  
RADOJCIC B: 5251  
RADOJCIC B: 6503  
RADOMAN V: 398  
RADOUTCHEVA T: 6682  
RADUJKOV Z: 5252  
RADUSHKEVICH VP: 5253  
RADWANSKI Z: 5254-5256  
RADZEVICH IM: 5257-5259  
RAEVSKII VS: 8763  
RAFALOVICH MB: 5260  
RAFATY FM: 2174  
RAFFENSPERGER JG: 5261  
RAFIQUE M: 1497  
RAFTER GW: 2080  
RAFTERY EB: 3024-3025, 5269  
RAFUSE EV: 5860  
RAGHUPATI N: 2667-2668  
RAHBAR S: 5262  
RAHLFS V: 320  
RAHN EK: 5009  
RAILEANU R: 1048  
RAIMONDI AJ: 5263  
RAISFELD IH: 5659  
RAJAM PC: 5264  
RAJAN KT: 5171  
RAJBHANDARY UL: 2716  
RAJENDER S: 5265  
RAJKA G: 5266  
RAJVANSHI VS: 4153  
RAK K: 3406  
RAKE MO: 5267-5270  
RAKER KO: 201  
RAKHMAEVA VA: 2310  
RAKOWSKA D: 3739  
RALSTON A: 6373  
RAMACHANDRAN K: 6367-6368  
RAMALINGASWAMI V: 2302  
RAMBAUD G: 2199  
RAMCHAND S: 5653  
RAMEE MP: 1037  
RAMIREZ G: 6974  
RAMIREZ-RONDA CH: 5271  
RAMIREZ SANCHEZ J: 5272  
RAMOS MD: 632-633, 1725  
RAMOT B: 5800-5801  
RAMPAL M: 3617  
RAMPAL P: 1571  
RAMPLING M: 5273  
RAMSEY EM: 2408, 4041  
RAMSEY H: 3799  
RAMSHAW JA: 6430  
RAMSOE K: 5274  
RAND PW: 5275  
RANDAZZO A: 6117  
RANEY RB SR: 5484  
RANHOTRA GS: 5276-5277  
RANNEY B: 5278  
RANNIE GH: 4191  
RANNIGER K: 1263  
RAO AR: 5279  
RAO GN: 5280  
RAO KK: 5281  
RAO MM: 5282  
RAO VK: 3034  
RAPAPORT FT: 1298  
RAPAPORT SI: 1772, 3043, 4802, 5283  
RAPOPORT H: 6020  
RAPOPORT IAL: 5284  
RAPPAPOORT H: 3179  
RAPPOPORT MB: 2187  
RASCHIE H: 5277, 5285  
RASHID A: 5286  
RASKIN HF: 6486  
RASKIND R: 5287  
RASKOVA H: 4645, 5288  
RASMUSSSEN J: 5289  
RASMUSSSEN P: 5290  
RASMUSSIEN C: 5291  
RASPIILLER A: 6419  
RASSULIN IUA: 5575  
RASTOGI GK: 5292  
RASTOGI KS: 5038  
RASTOGI SP: 5293, 6829  
RATCLIFFE HL: 3818  
RATHBUN JE: 5294  
RATHE J: 6647  
RATHKE W: 5295  
RATLIFF JL: 5296  
RATNAIKE VT: 248  
RATNER F: 352  
RATNER IM: 2150  
RATNOFF OD: 59, 2567, 4707, 5297-5298  
RATTEN GJ: 5299  
RAU US: 5300  
RAUSCH-STROOMANN JG: 4122  
RAUT PS: 5925, 6431  
RAUTERBERG J: 5125  
RAVARA AM: 735  
RAVASINI R: 5301  
RAVEAU J: 2077  
RAVICH RB: 5302  
RAY CG: 5303  
RAY J: 5304  
RAYMOND EA: 5305  
RAZANOVA NS: 3743  
REA D: 5306  
READ AE: 5594  
REAM VJ: 6424  
REAMER RH: 5307  
REBECCCHI LH: 5518-5521  
REBEDEA I: 5308  
REBER HA: 3250  
REBOUL H: 5309-5310  
RECALCATI P: 6641  
RECALCANT L: 3583-3584  
RECEK C: 4135  
RECHER L: 5311-5312  
REDDERMANN H: 5313  
REDDING KA: 334  
REDDY CN: 1401  
REDDY CR: 1400-1401  
REDDY DJ: 995  
REDGRAVE TG: 5314  
REDLER P: 5315  
REDMAN HC: 5316  
REDWOOD DR: 1672, 5471  
REECK GR: 5317  
REED CE: 3946-3947  
REED CF: 2407  
REED CS: 5302, 5318

REED GE: 6079  
REED LJ: 5882-5883  
REED WA: 5287  
REES RW: 1885  
REESE AB: 5319  
REEVE TS: 2758, 2963  
REEVES PR: 5351  
REGAN TJ: 4393  
REGAZZINI A: 1787, 5320  
REGNAULT FR: 5321  
REGNIER C: 6061  
REGOECZI E: 444, 5071, 5322  
REHN K: 727  
REICH ML: 5323  
REICHEL A: 5324  
REICHERT WJ: 2649  
REICHL D: 5325  
REICHMANN G: 7155  
REICHMANN ME: 3636, 6998-6999  
REICHMUTH J: 2506  
REID JM: 5326  
REIFENBERG U: 6579  
REIMUND P: 4979  
REINBOLT J: 5327  
REINHARDT G: 5019, 5328  
REINHARDT M: 4915  
REINHARZ A: 5059  
REINHHEIMER JD: 2042  
REINIS Z: 5329  
REINISH MS: 1712  
REIS RL: 4996, 5330, 5424  
REISBERG BE: 1372  
REISS HJ: 3387  
REISSIGL E: 5331-5332  
REITEMEIER RJ: 5333  
REIVICH M: 5334  
REKHTMAN BO: 5335  
REMBGES H: 3837  
REMDE W: 6942  
REMENCOVA E: 1073  
REMIZOVA TA: 2310  
REMMELTS HG: 6685  
REMMERS AR JR: 6496  
RENARD C: 6624  
RENAUD D: 3601  
RENAUD OV: 3249  
RENAUD S: 5336-5339  
RENDALL JM: 165  
RENDALL M: 2442  
RENDLE-SHORT J: 4936  
RENEMAN RS: 5340  
RENNEY JT: 3023, 3026, 5341  
RENNIE AM: 5342  
RENNINGER W: 5343  
RENOLD AE: 852  
REPACI G: 1205, 3985  
REPINA MA: 5344  
REPPERT EH: 6079  
REPS A: 5345  
REQUIN C: 2045  
REKAT A: 255  
RESHETNIKOV EA: 4337  
RESNICK H: 5346, 5498  
RETIFF FP: 3224  
RETIENE K: 5712  
RETTORI R: 4743  
REUSSI J: 1388  
REUTER H: 5347  
REUTER SR: 5316  
REVILLARD JP: 6502  
REVOL L: 506, 1007, 6445  
REVVA-SLIUSAR' ZK: 6731  
REX JO: 282, 5348-5349, 5371  
REYMOND JC: 5350  
REYNOLDS BL: 5351-5352  
REYNOLDS CA: 2752  
REYNOLDS HY: 5353  
REYNOLDS J: 5354  
REYNOLDS JA: 5355  
REYNOLDS JJ: 5356  
REYNOLDS W JR: 5357  
REZAKOVIC D: 4600  
REZENDE JE: 528  
RHILLIPS R: 4881  
RIABUKHA TK: 5358  
RIABYI PA: 5359-5360  
RIADNEVA OE: 3623  
RIBADEAU-DUMAS B: 2257, 4193  
RIBERI P: 5432  
RIBET A: 1905



# AUTHOR INDEX

- R/BET M: 5361  
 R/BUOT: 5362  
 RIBUSH NT: 1094-1095  
 RICCARDI BA: 5457  
 RICCITELLI ML: 5363  
 RICEVUTI G: 502  
 RICH JC: 5364  
 RICHARD HL: 1528  
 RICHARDS AJ: 5365  
 RICHARDS MH: 6914  
 RICHARDSON RH: 5366, 6900  
 RICHART RM: 7137  
 RICHT G: 1806  
 RICHEZ J: 1788  
 RICHOMME: 359  
 RICHOU R: 3513, 5368  
 RICHTER GW: 5369  
 RICHTER IE: 6607  
 RICHTER K: 5370-5371  
 RICHTER M: 4022, 5372  
 RICHTER ME: 1517  
 RICHTER S: 6251  
 RICHTER W: 3222  
 RICK W: 3527  
 RICKERT W: 4816  
 RICKLI EE: 5373  
 RICOEUR M: 1301-1303, 1603  
 RIDDLE JM: 5374  
 RIDGWAY SH: 5375  
 RIDLEY JW: 769  
 RIECH P: 2470  
 RIECH PC: 6871  
 RIECKER G: 3560  
 RIEDE UN: 5376  
 RIEGER F: 4074-4075  
 RIEKKINEN PJ: 5377-5378  
 RIESZ P: 1907  
 RIETHLING AK: 282  
 RIETZ P: 5379  
 RIETZ PJ: 5980  
 RIFLE G: 887  
 RIGAUD J: 255  
 RIGBY PG: 3142  
 RIGGI SJ: 1660  
 RIGILLO N: 6479  
 RIGO J: 5380  
 RIGOPOLLOU D: 5381  
 RIISHEDI J: 5382  
 RIKSHOSPITAL F: 5383  
 RIMM A: 602  
 RIMM AA: 4071  
 RINDERKNECHT H: 5384  
 RINDT KP: 4713  
 RING EF: 3707  
 RINGER TR: 1574  
 RINGLER W: 6871  
 RINNE UK: 4853  
 RINTELEN F: 5385-5386  
 RIPLEY RC: 1510  
 RIPPON JW: 5387  
 RITA G: 6735  
 RITSCHER WA: 5388  
 RITTER E: 5759  
 RITTER MC: 5389  
 RITTER R: 5390  
 RITZ ND: 5473  
 RITZMANN SE: 5391, 6496  
 RIVAT L: 6144  
 RIVER GL: 5392  
 RIVOIRE J: 1126-1127, 5393  
 RIZZA CR: 5394  
 RIZZA V: 5395  
 RIZZI I: 5396  
 RIZZONI G: 551  
 RO J: 5397  
 RO JS: 1844, 5398  
 ROBAKIEWICZ M: 4841  
 ROBB HJ: 2777  
 ROBECCHI E: 5399  
 ROBERT B: 5400-5402  
 ROBERT JM: 5403  
 ROBERT L: 5400-5402  
 ROBERT D'ESHOUGUES J: 5404  
 ROBERTS BF: 4415  
 ROBERTS GC: 5405  
 ROBERTS HR: 780, 3902, 5406, 6869  
 ROBERTS JA: 4365  
 ROBERTS PD: 716, 3604  
 ROBERTS PS: 5407  
 ROBERTSON B: 3630, 5408  
 ROBERTSON DM: 5409  
 ROBERTSON HD: 3753  
 ROBERTSON JE: 4549  
 ROBERTSON JH: 5410  
 ROBERTUS JD: 1901  
 ROBICSEK F: 4425  
 ROBINET-LEVY M: 6714  
 ROBINSON AJ: 5411  
 ROBINSON AV: 1378-1379  
 ROBINSON BB: 5917  
 ROBINSON CT: 878  
 ROBINSON DS: 657-658, 5412, 7039  
 ROBINSON GW: 5413  
 ROBINSON LA: 684  
 ROBINSON PJ: 5460  
 ROBINSON RW: 3590  
 ROBINSON T: 495  
 ROBINSON WA: 5414  
 ROBINSON WS: 567  
 ROBISON GA: 5415  
 ROBITAILLE G: 2989  
 ROBSON B: 4837  
 ROBSON JS: 1086, 5003, 5416  
 ROCABOY JC: 2992  
 ROCCO F: 1446-1448, 1450  
 ROCHANT H: 1522  
 ROCHE GD: 6769  
 ROCHLIN D: 6974  
 ROCHLIN DB: 2206  
 ROCHMIS PG: 5417  
 ROCKEY JH: 4349  
 ROCKLIN RE: 5418-5419  
 RODA E: 1734  
 RODBARD D: 5420  
 RODBARD S: 5421  
 RODBELL M: 5422  
 RODERMUND OE: 5423  
 RODGERS BM: 5424  
 RODINA RI: 123  
 RODRIGO GOMEZ JM: 1993  
 RODRIGUEZ A: 906  
 RODRIGUEZ AL: 6678  
 RODRIGUEZ JM: 5425  
 RODRIGUEZ-ERDMANN F: 1125  
 RODRIGUEZ-ERDMANN F: 5426  
 RODRIGUEZ-ERDMANN F: 5427  
 RODRIGUEZ-ERDMANN F: 5861-5862  
 RODRIGUEZ MALDONADO R: 6690  
 ROE CR: 5428  
 ROEBER G: 135  
 ROELCKE D: 5429  
 ROELING WM: 3414  
 ROENTINE GN: 7067  
 ROENTINE GN JR: 4772  
 ROGERS P: 5657  
 ROGNER G: 5430-5431  
 ROGNON LM: 5432  
 ROGOFF MH: 5433  
 ROGOS R: 7159  
 ROGUNOV GA: 6768  
 ROHMER A: 4211  
 ROHOLT OA: 5434, 5817-5818  
 ROIGAS H: 5435-5436, 6224  
 ROJAS RB: 5437  
 ROJAS-CORONA RR: 5438  
 ROJAS RODRIGUEZ L: 5272  
 ROKICKA-MILEWSKA R: 5439  
 ROLAND M: 5440  
 ROLL WE: 5856  
 ROLLAND M: 5441  
 ROLLET A: 6501  
 ROLOVIC M: 1461  
 ROLOVIC Z: 5442  
 ROLOVIC Z: 5443  
 ROLOVIC Z: 5444  
 ROMACHEVA IF: 6656  
 ROMANIUK PA: 5445  
 ROMANOVICH AS: 88  
 ROMASCANU G: 5446  
 ROMER K: 3221  
 ROMETTI A: 5447-5448  
 ROMHANYI M: 666  
 ROMITO S: 5449  
 ROMO E: 5450  
 ROMPEL K: 1674, 2263  
 RONAGHY H: 1897  
 RONDOT P: 2289  
 ROONEY JA: 5451  
 ROOS D: 854  
 ROPARTZ C: 6144  
 ROQUES JM: 5827  
 ROSA DE ARAUJO A: 5452  
 ROSAI J: 3438  
 ROSATI LA: 5453  
 ROSATO EF: 4262  
 ROSATO FE: 4262  
 ROSCH J: 1080  
 ROSCHER AA: 3004, 5454  
 ROSCHLAU P: 5455  
 ROSCHLAU WH: 1896, 5456  
 ROSCOE DH: 6049  
 ROSCOE HG: 5457  
 ROSDY E: 5458  
 ROSE I: 7126  
 ROSE LR: 5089  
 ROSE R: 2372  
 ROSEN FS: 254, 5419  
 ROSEN PJ: 1717  
 ROSEN RA: 5459  
 ROSEN SM: 5460  
 ROSENBAACH L: 4784  
 ROSENBAUM AE: 5461  
 ROSENBERG A: 5462-5463  
 ROSENBERG BF: 763  
 ROSENBERG JC: 763  
 ROSENBERG M: 1968  
 ROSENBERG N: 5464  
 ROSENBLATE HJ: 5465  
 ROSENGARTEN DS: 2945  
 ROSENGREN BH: 4993  
 ROSENGREN K: 456  
 ROSENKRANTZ JG: 3842  
 ROSENTHAL A: 5466  
 ROSENTHAL J: 1261  
 ROSENTHAL SG: 5467  
 ROSENTHALE ME: 5468  
 ROSENTHALL L: 5469  
 ROSETH DR: 4071  
 ROSIEK O: 5470  
 ROSIER J: 660  
 ROSIER JC: 3464  
 ROSIGNOLI H: 1387  
 ROSING DR: 1672, 5471  
 ROSKAM J: 5472  
 ROSMUS J: 1415  
 ROSNER F: 5473-5474  
 ROSNER R: 5475  
 ROSS AP: 5476  
 ROSS DN: 2822  
 ROSS GT: 6648  
 ROSS JD: 5477  
 ROSS ME: 6395  
 ROSEN RD: 405  
 ROSSER SB: 1670  
 ROSETT R: 5504  
 ROSSI A: 194, 5478  
 ROSSI F: 656  
 ROSSI G: 2845  
 ROSSI GF: 735  
 ROSSI GL: 5479  
 ROSSI P: 5461  
 ROSSIER A: 3515  
 ROSSINI L: 648  
 ROSSOMONDO R: 1563-1564  
 ROSTI D: 5480  
 ROTH JL: 377  
 ROTH L: 7184  
 ROTH M: 5059, 5481  
 ROTHE G: 5482  
 ROTHE W: 5483  
 ROTHERMEL JE: 5484  
 ROTHMAN SS: 5485  
 ROTHSTEIN F: 3125  
 ROTREKLOVA E: 454  
 ROTA J: 5288, 5486-5487  
 ROTTHAUWE HW: 5488  
 ROUCHER F: 5489  
 ROUFFY J: 3762  
 ROUGIER J: 5490  
 ROUJEAU J: 5121, 5491  
 ROUSSEAU WE: 1375  
 ROUSSELOT LM: 5210  
 ROUSSET S: 1883  
 ROUTIER G: 1217, 5492  
 ROUX J: 398  
 ROUX M: 5493  
 ROUY A: 5494  
 ROUZAUD M: 5495  
 ROWE AW: 1384  
 ROWE NL: 692



# AUTHOR INDEX

ROWLATT C: 5496  
 ROWLEY GR: 2811  
 ROWSELL HC: 2720  
 ROY A: 5497  
 ROY AD: 2139-2140  
 ROY C: 1485, 3536, 4877  
 ROY S: 3461  
 ROYER G: 5498  
 ROYLANCE J: 1305  
 ROZALSKA A: 2597  
 ROZENBAUM H: 5499  
 ROZENFELD MA: 5062-5063  
 ROZEWICKI S: 5500  
 ROZGON GI: 5501  
 ROZHDESTVENSKAIA ED: 5502  
 ROZHILO EA: 5503  
 ROZIER J: 5504  
 ROZIJN TH: 1102, 4334  
 ROZKOVCOVA E: 3295  
 ROZMAN C: 8993  
 RTSKHLADZE GI: 5505  
 RUBEGNI M: 5506-5507  
 RUBENBERG ML: 836  
 RUBENSTEIN AH: 4160, 6147  
 RUBENSTEIN PA: 2063  
 RUBI RA: 4309  
 RUBIN H: 5783  
 RUBIN RJ: 2885-2886  
 RUBIN SH: 390  
 RUBIN SO: 5508  
 RUBINI ME: 1098  
 RUBINO M: 5509  
 RUBINSTEIN D: 3325, 5854  
 RUBINSTEIN P: 6389  
 RUBISZ-BRZEZINSKA J: 5510  
 RUBMAN RH: 1476  
 RUCKER CW: 5409  
 RUCKER G: 1917  
 RUCKERT A: 6197  
 RUCKNAGEL DL: 29  
 RUCKPAUL K: 5023  
 RUDAKOV IA: 5511  
 RUDDLE FH: 5512  
 RUDKO A: 5944  
 RUDNER H: 2337  
 RUDOLF H: 4115  
 RUDOLF V: 916  
 RUDOLPH RH: 824, 6208  
 RUDORFF KH: 5513  
 RUDOWSKI W: 5514  
 RUDYKH OD: 5515-5516  
 RUDZIT VK: 5517  
 RUEFF D: 2320  
 RUGGIERO HA: 5518-5522  
 RUGIERO HR: 5522  
 RUHENSTROTH-BAUER G: 612  
 RUHLAND W: 5739  
 RUHLMANN A: 2744  
 RUEHMANN-WENNHOLD A: 4110  
 RUHSTRAT K: 5523  
 RUITER M: 5524  
 RUIZ O: 6568  
 RUIZ CABALLERO M: 1841  
 RUKOSUEV S: 5525  
 RUMIANTSEV VV: 3072  
 RUMSH LD: 4-5  
 RUNCK AH: 5526, 6633-6634  
 RUNDLES RW: 466, 3769  
 RUNDLETT ST: 5284  
 RUPPERT RD: 3865  
 RUPPRECHT E: 5527  
 RURUP B: 5739  
 RUSAKOV VI: 5528  
 RUSALEM H: 5529  
 RUSIAEV VF: 3488  
 RUSSELL FE: 5530  
 RUSSELL PK: 3860  
 RUSSI M: 6735  
 RUSSO C: 1396, 1776  
 RUSSO I: 7184  
 RUSTAMOVA BA: 3432, 5531  
 RUSU O: 838  
 RUSZCZAK Z: 5532  
 RUTECKA-BONIN I: 5533  
 RUTIGLIANO B: 2305  
 RUTQVIST L: 5534-5536  
 RUTSINSKAIA M: 4462  
 RUTSTEIN DD: 1011  
 RUTSTEIN JA: 2222  
 RUTTEN AP: 5537

RUTTER WJ: 3949  
 RUVIDIC R: 5538  
 RYAN CA: 4168, 5539-5540  
 RYAN JJ: 5541  
 RYAN SF: 5542  
 RYAN TJ: 3474, 6563-6565  
 RYBACK R: 5543  
 RYBALOV OV: 6656  
 RYBICKA J: 2169  
 RYC M: 5288  
 RYCKEWAERT A: 3633  
 RYGG IH: 5544  
 RYMASZEWSKI Z: 5545  
 RYNDIN VA: 5008  
 RYNNING F: 6495  
 RYRIE D: 6357  
 RYSANEK K: 5546, 6070, 6285, 6307  
 RYSER HJ: 5547  
 RZAEV NM: 5548-5550  
 RZEPKA-BREWINSKA I: 5500  
 RZESZOTARSKI WJ: 2960  
 RZUCIDLO L: 4923

## S

SAAD E: 265  
 SAAVE JJ: 29  
 SABA SR: 4070  
 SABATER-TOBELLA J: 4879  
 SABATINI DD: 589, 5551  
 SABAU L: 5127  
 SABAU M: 4026  
 SABELLI CA: 5552  
 SABETTA F: 5553  
 SABRI MI: 3034  
 SACHS C: 5554  
 SACHS L: 2805  
 SACHS V: 5555  
 SACK RA: 1680  
 SACKS AH: 6450  
 SACKS MI: 7016  
 SACKRE J: 3925  
 SACKREZ R: 5556  
 SADAVONGVIVAD C: 259  
 SADGOPAL A: 5557  
 SADIKARIO A: 5558  
 SADLINSKI C: 5559-5560  
 SADOFF HL: 5561  
 SADOWSKI Z: 4137  
 SAEKI K: 7059  
 SAFAR J: 5562  
 SAGAMI S: 5563  
 SAGINJAN VS: 3254  
 SAHGAL V: 4535  
 SAHUD MA: 5564-5565  
 SAIDA K: 5566  
 SAIDI M: 5567  
 SAIDUZZAFAR H: 4966  
 SAIFER A: 4846  
 SAIGO K: 196  
 SAIKKU P: 4958  
 SAILER S: 6456  
 SAIMOT L: 1863  
 SAINT-ARROMAN J: 3845-3846  
 ST CLAIR RW: 5568  
 ST JOHN PA: 6975  
 ST LIASKOVSKI: 4750  
 SAINT PAUL B: 5569  
 SAINT-PAUL D: 2674  
 SAITO H: 5570-5571  
 SAITO K: 6339  
 SAITO M: 3942, 5572  
 SAITO T: 177  
 SAKAGUCHI G: 3204, 3307  
 SAKAGUCHI R: 6784  
 SAKAI M: 4276  
 SAKAI T: 1626  
 SAKAI Y: 1088  
 SAKAKIHARA Y: 5573  
 SAKAMOTO M: 3302  
 SAKAMURA Y: 5574  
 SAKHAROV RS: 5575  
 SAKO Y: 3991, 5576  
 SAKS VA: 3840  
 SAKULA A: 5577  
 SAKURADA H: 2840  
 SAKURAGAWA N: 4102-4103  
 SAKURAI K: 4293  
 SALAH S: 3326  
 SALAMAN JR: 5578

SALAS ML: 6370  
 SALASSA RM: 5579  
 SALAVEC M: 5580  
 SALAZAR AE: 5581  
 SALDEEN T: 5582-5585  
 SALIBA MJ JR: 5586  
 SALIEV KK: 5587  
 SALINGER H: 1999  
 SALIOU A: 6697-6698  
 SALLAM M: 5588  
 SALLATA P: 3402  
 SALMENKIVI K: 234  
 SALMON C: 2674, 5589  
 SALO OP: 5590  
 SALOMON A: 1569  
 SALOMON CD: 5591  
 SALOMON Y: 5592  
 SALOMONS WM: 960  
 SALONEN IS: 5593  
 SALSBUARY AJ: 1083  
 SALTER RH: 5594  
 SALTON MR: 6640  
 SALVADOR M: 3503  
 SALVATI A: 508  
 SALVIDIO E: 5595  
 SALZBERG AM: 4355  
 SALZER G: 5596  
 SALZMAN EW: 5597-5599  
 SAMA SK: 6367-6368  
 SAMAAAN NA: 6937  
 SAMAMA M: 1183, 5600  
 SAMANT VT: 3035  
 SAMARCO P: 349  
 SAMEK D: 3331  
 SAMET P: 2925  
 SAMLOFF IM: 5601  
 SAMOHYL J: 5602  
 SAMPEREZ S: 2992  
 SAMUELSON GH: 5263  
 SAMUELSON J: 6471  
 SAMYN W: 934  
 SAN CLEMENTE CL: 5603  
 SANADI DR: 5615  
 SANCIEWICZ-PACH K: 3428, 5604  
 SANCHEZ AVALOS JC: 67  
 SANCHEZ-AVALOS JC: 4931  
 SANCHEZ-FAYOS J: 5605-5606  
 SANCHEZ-FAYOS J: 5607-5608  
 SANCHEZ YUS E: 5609  
 SANDBERG AA: 1718, 5610  
 SANDBERG AL: 4742  
 SANDERS FK: 5611  
 SANDERS HS: 4685  
 SANDERS MM: 5612  
 SANDERSON AR: 1211  
 SANDERSON MH: 6124  
 SANDLER L: 4027  
 SANDRITTER W: 1805, 5613  
 SANDUKOVSKAIA SI: 292  
 SANDULESCU G: 4678  
 SANDVIK O: 5614  
 SANER G: 2307  
 SANGER R: 1958, 6912  
 SANI BP: 5615  
 SANIDAD P: 5616  
 SANNER T: 1161  
 SANO I: 3460, 5617  
 SANO K: 5618  
 SANO T: 7065  
 SANS-SABRAFEN J: 6993  
 SANTACHIARA AS: 5619  
 SANTACHIARA BENERECETTI: 5620  
 SANTAGATA P: 904  
 SANTAMBROGIO C: 6393  
 SANTI AL: 1284  
 SANTIAGO-BORRERO PJ: 5621, 6678  
 SANTOME JA: 1348  
 SANTOME F: 5622  
 SANWAL BD: 5623  
 SANYAL RE: 5624  
 SANYAL SK: 2679  
 SAOTOME K: 3470  
 SAOUT J: 1882  
 SAPELKINA IM: 293  
 SAPIENZA P: 1593  
 SAPOUNTZIS DP: 3088  
 SAPOZHNIKOVA GA: 6158  
 SAPRU R: 5835  
 SAR A VAN DER: 5625  
 SARACCO J: 2328



# AUTHOR INDEX

SARACINO F: 1205, 3985  
 SARIS NE: 6652  
 SARKISIAN TG: 5626-5627  
 SARLES HE: 6496  
 SARNOWSKA KM: 7175  
 SARRADE-LOUCHEUR C: 6697-6698  
 SAS G: 4847, 5628  
 SASA E: 7070-7071  
 SASAKI K: 3943, 4304  
 SASAKI RM: 4088  
 SASAKI T: 4519  
 SASAKI Y: 5629  
 SASARMAN A: 5630  
 SASHCHIKOVA VG: 5631  
 SASHIDA T: 6044-6046  
 SASLOW S: 1750  
 SASMAZ O: 5632  
 SASSOWA J: 4656  
 SATO H: 806  
 SATO R: 4608  
 SATO S: 3943, 5677  
 SATO T: 5633-5634, 5893  
 SATO-OHMORI T: 4795  
 SATOH Y: 5635  
 SATTER P: 5636  
 SAUBERLICH HE: 6173  
 SAUBIER E: 6501  
 SAUDAX E: 6419  
 SAUER J: 3447  
 SAUTIERE P: 5637  
 SAUTINA VO: 5638-5641  
 SAUTREAU M: 5642  
 SAUVAGEAU R: 5643  
 SAUVEGRAIN J: 1767  
 SAVAN M: 6437  
 SAVCHENKO TV: 3159  
 SAYCHUK LA: 5855  
 SAVENKO VV: 3950  
 SAVENKOV IUI: 5644  
 SAVKI BT: 5645  
 SAVKIV BT: 5646  
 SAVKO LA: 5162  
 SAVOLAINEN ML: 2382  
 SAVORELLI M: 5647  
 SAVOURE N: 2209  
 SAWA H: 5648  
 SAWA TR: 2721  
 SAWADA M: 6352  
 SAWADA N: 6586  
 SAWANISHI K: 3102  
 SAWARYN A: 5649  
 SAWASHIGE E: 4296  
 SAWICKI Z: 5470  
 SAWORD AC: 5650  
 SAWYER PN: 2, 6094  
 SAWYERS JL: 1606  
 SAXENA KC: 5651  
 SAXENA KN: 5652  
 SAXENA RC: 5653  
 SAXENA RK: 1038  
 SAXENA RP: 5651  
 SAY B: 5654  
 SAYAG J: 2328  
 SAYAR SN: 4458  
 SAYERS G: 3951, 5141  
 SAYLER OL: 5108  
 SBAFFI A: 64  
 SCANLAN E: 1199  
 SCANNELL JG: 1258  
 SCAPA S: 4274  
 SCARBOROUGH DE: 4070  
 SCARCELLA D: 1724  
 SCARPA R: 2092-2093, 2095-2098  
 SCHAA D: 5309  
 SCHACHAM P: 5655  
 SCHACHNER SH: 5656  
 SCHACHTELE CP: 5657  
 SCHACHTER H: 2144  
 SCHADENBOCK R: 5688  
 SCHAE G W: 3045  
 SCHAEERER R: 2652, 4430  
 SCHAFER W: 5658  
 SCHAFFNER F: 5659  
 SCHAFFZIN EA: 5660  
 SCHAISON G: 2884  
 SCHALCH DS: 315  
 SCHANKER LS: 5661  
 SCHANNONG M: 3207  
 SCHAPER R: 2068  
 SCHARFMAN WB: 5662

SCHARRER I: 5663  
 SCHASSAN HE: 4114  
 SCHATZ A: 5768  
 SCHAUDIG A: 5664  
 SCHAUMANN W: 5665  
 SCHECHTER DC: 2158  
 SCHECHTER MM: 5461  
 SCHEFFEL U: 3882  
 SCHEFFER P: 1328  
 SCHEFFERS HL: 4916  
 SCHEIBEL LW: 5666  
 SCHEIFFARTH F: 5667  
 SCHEIG RL: 705  
 SCHEININ A: 3944  
 SCHEININ TM: 2478, 5668  
 SCHEINTHAL BM: 1165  
 SCHELLERER W: 204  
 SCHELLNER HP: 5669  
 SCHENK WG JR: 6958  
 SCHEPPING M: 5663  
 SCHERAGA HA: 3355, 3658, 5078  
 SCHETTLER D: 5670  
 SCHETTLER G: 5671  
 SCHIATTI E: 3795, 5672  
 SCHICKE R: 5673  
 SCHICKLING LF: 846  
 SCHIECK A: 3335  
 SCHIEFERSTEIN G: 5674  
 SCHIER J: 5514, 5675  
 SCHIERSMANN O: 3074  
 SCHIFF P: 5676  
 SCHIFF R: 5677  
 SCHIFF T: 5856  
 SCHIFFER MA: 5678  
 SCHILL WB: 4565  
 SCHILLE E: 3687, 5679  
 SCHIMA E: 5680  
 SCHIMKE RN: 2709  
 SCHIMPF K: 5681-5683  
 SCHINDERA F: 3467, 6506  
 SCHINGOETHE DJ: 5684-5686  
 SCHISCHKE B: 1915, 2508  
 SCHJONSBY H: 1859  
 SCHLAG G: 5687-5688  
 SCHLEMMER W: 2390, 6788  
 SCHLENK F: 5689  
 SCHLIENGER M: 4884  
 SCHLOSSMAN SF: 3648  
 SCHLOTT DW: 5930  
 SCHLUETER RJ: 3145  
 SCHLUMBERGER JR: 4116  
 SCHMAL A: 1919  
 SCHMID DO: 6580  
 SCHMID FR: 2220  
 SCHMID P: 5690  
 SCHMID R: 6394-6395  
 SCHMID-SCHONBEIN H: 5691  
 SCHMID-SCHONBEIN H: 5692  
 SCHMIDT BJ: 5693  
 SCHMIDT H: 1212, 1481, 5694-5695  
 SCHMIDT KH: 4428-4429  
 SCHMIDT M: 5696  
 SCHMIDT NJ: 5697  
 SCHMIDT PJ: 4263  
 SCHMIDT-NOWARA WW: 2082  
 SCHMIDT-TINTEMANN U: 5698  
 SCHMITT C: 3674  
 SCHMITT HW: 5699  
 SCHMITZ-VALCKENBERG P: 3812  
 SCHMOIGL S: 5700  
 SCHMUKLER M: 7158  
 SCHMUTZLER R: 5701-5704  
 SCHNECK P: 4617  
 SCHNEER JH: 1046-1047  
 SCHNEIDER AS: 3683  
 SCHNEIDER D: 2624  
 SCHNEIDER F: 5468  
 SCHNEIDER HJ: 731  
 SCHNEIDER HR: 2644  
 SCHNEIDER J: 2527, 5949  
 SCHNEIDER KW: 5705-5706  
 SCHNEIDER PG: 5707  
 SCHNEIDER RJ: 5708  
 SCHNEIDER W: 5709  
 SCHNEPPER E: 722  
 SCHNITZLER S: 3248, 5710  
 SCHNITZER W: 731  
 SCHNORR B: 1915  
 SCHNYDER UW: 5711  
 SCHOENBECHLER MJ: 343

SCHOENFIELD LJ: 4792  
 SCHOFFLING K: 5712  
 SCHOLZ G: 5713  
 SCHOLZ HW: 5714  
 SCHOLZ N: 5715  
 SCHOLME E: 544  
 SCHON E: 3961  
 SCHONBACH G: 5716  
 SCHONBUCH C: 687  
 SCHONFELD V: 7202  
 SCHONING WF: 5717  
 SCHOOLMEESTERS JE: 3281  
 SCHOOP W: 3268, 4046, 5718-5719, 7136  
 SCHOPEN RD: 5720  
 SCHOPPA M: 5721  
 SCHOTT B: 5722  
 SCHOTTLER M: 2194  
 SCHOTZ MC: 5723  
 SCHOU J: 2914  
 SCHOUTEN F: 1266  
 SCHRADER CP: 5724-5725  
 SCHRAMBECK E: 5493  
 SCHRAMM G: 1796, 3492  
 SCHRAMM M: 5592  
 SCHRAMM W: 1921, 1923  
 SCHREIBMAN PH: 5726  
 SCHREINER BF: 315  
 SCHRIEFERS KH: 2313  
 SCHRIER RW: 5727-5728  
 SCHRIRE V: 5729-5730  
 SCHRODER R: 5785  
 SCHRODT U: 5731  
 SCHROEDER DD: 5732  
 SCHROEDER JS: 6192  
 SCHROER H: 5733  
 SCHROTTER L: 1046  
 SCRUMPF E: 5734  
 SCHUBERT GE: 5735  
 SCHUBERT M: 3095  
 SCHUBERT PU: 387  
 SCHUBERT W: 5736  
 SCHUBERT WK: 2746  
 SCHUCK JM: 1763  
 SCHUELLER EF: 5562  
 SCHULKE K: 2441  
 SCHULT H: 1922, 1924  
 SCHULTE HD: 5636  
 SCHULTE W: 5737  
 SCHULTHESS F VON: 5738  
 SCHULTZ J: 1775, 2295  
 SCHULZ B: 1185  
 SCHULZ D: 3191  
 SCHULZ E: 816  
 SCHULZ FH: 283  
 SCHULZ HJ: 5739  
 SCHULZ J: 5739  
 SCHULZ K: 3415, 3646, 5740-5743  
 SCHULZ W: 5744  
 SCHUMACHER GF: 5745  
 SCHUMACHER HP: 96, 5746  
 SCHUMACHER K: 3596  
 SCHUMACHER MJ: 5747  
 SCHUMAKER VN: 40  
 SCHURGER R: 3394  
 SCHUSTER J: 5748-5750  
 SCHUSTER SR: 6181  
 SCHUTTERLE G: 5751  
 SCHUTZ HB: 5752  
 SCHWABE C: 5753  
 SCHWALBOVA M: 5754  
 SCHWARTZ A: 3513  
 SCHWARTZ AD: 4938  
 SCHWARTZ CJ: 5755  
 SCHWARTZ HJ: 5756  
 SCHWARTZ MK: 4696  
 SCHWARTZ SI: 1640, 5757, 6072  
 SCHWARZ H: 2069  
 SCHWEISHEIMER W: 5758  
 SCHWEIZER E: 5759  
 SCHWEIZER O: 5760  
 SCHWEIZER W: 5761  
 SCHWENKE H: 2519  
 SCHWICK HG: 2069  
 SCHWILLEN ED: 5762  
 SCHWIMMER D: 5763  
 SCHYNS R: 746  
 SCOBIE BA: 5764  
 SCOFFONE E: 2025, 2983  
 SCOLETTA G: 508  
 SCOTT GL: 5765



# AUTHOR INDEX

SCOTT HW JR: 634, 4364, 7099-7100  
 SCOTT J: 4262, 7039  
 SCOTT JE: 5766  
 SCOTT JM: 2699-2700, 5767  
 SCOTT ML: 6433  
 SCOTT MM: 3517  
 SCOTT R: 5768  
 SCOTT RB: 5769  
 SCOTT RE: 5770  
 SCOTT WA: 5771  
 SCOW RO: 533  
 SCRIBANE A: 4588  
 SCRIVANO JL: 2551  
 SCULLY NM: 5772  
 SEAH CS: 1256  
 SEAMAN GV: 766  
 SEBESTIK V: 1469, 1792  
 SEDAN R: 4836  
 SEDLMAYER I: 2194  
 SEED TM: 5773  
 SEEDORFF HH: 5774  
 SEEGAL BC: 165  
 SEEGER WH: 5775-5777  
 SEELER RA: 5261, 5778-5780  
 SEELY JH: 5781  
 SEEMAN T: 5782  
 SEFTEL H: 3146  
 SEFTEL HC: 3829  
 SEFTON BM: 5783  
 SEGA E: 5784  
 SEGAR WE: 6189  
 SEGURA SANCHEZ A: 5931  
 SEHRBUNDT HJ: 5785, 6581  
 SEIBEL HR: 6921  
 SEIDEL G: 5786  
 SEIDEL JC: 5787  
 SEIDL S: 5788-5791  
 SEIDLER RJ: 5792  
 SEIFART KH: 5793  
 SEIFERT C: 4061  
 SEIFFERT UB: 5794  
 SEIFULLA RD: 3366  
 SEIFULLA RD: 5795-5796, 5821  
 SEIM H: 5797  
 SEIP M: 2268  
 SEITZ D: 5673  
 SEKERIS CE: 406, 5793  
 SEKI T: 8  
 SELAWRY OS: 2451  
 SELDEN HS: 5798  
 SELIGMAN AM: 6168  
 SELIGMANN M: 2884, 4242, 5799  
 SELIGSOHN U: 5800-5801  
 SELIVANOVA KF: 5865  
 SELIVERSTOV SA: 5802  
 SELLERS DR: 2053  
 SELLERS EM: 5803-5804  
 SELMANOWITZ VJ: 5805  
 SELTZER AP: 5806  
 SELVAGGI F: 5509  
 SELVERSTONE B: 736  
 SELVIG KA: 2641  
 SELYE H: 5807  
 SEMANCIK JS: 5808  
 SEMAR M: 5809  
 SEMENKO IF: 5810  
 SEMENOVA NV: 1765  
 SEMENZA G: 2102  
 SEMINARIO J: 2284  
 SEN DK: 5811  
 SEN PK: 4877  
 SEN S: 1297  
 SENGAR DP: 5812-5813  
 SENKOVSKAIA IAI: 5814  
 SENNING A: 3542  
 SENO N: 6467  
 SENST W: 5815  
 SEO M: 5816  
 SEON BK: 5434, 5817-5818  
 SEPIOL-NOWAK J: 7106  
 SEPPANEN J: 5819  
 SERA M: 4443  
 SERAFINSKA D: 5514  
 SERBAN M: 1554  
 SERBUS C: 4932  
 SEREBRIKOVA TN: 3434  
 SEREN E: 4051  
 SERGEANT A: 5820  
 SERGEEV PV: 5796, 5821  
 SERGEEV VP: 5822

SERGI' OS: 5823  
 SERIKI O: 44  
 SERINGE P: 5824  
 SERKINA AV: 5825  
 EL-SEROUGI M: 4325  
 SERPICK AA: 2451, 3799, 6947  
 SERRA GC: 5826  
 SERRA P: 307  
 SERRADIMIGNI A: 252, 669  
 SERRANO J: 5607-5608  
 SERRE H: 5827  
 SERRES EJ: 5828  
 SERROU B: 23  
 SESSA A: 6441  
 SESSNER HH: 3394  
 SESSNER SS: 6867  
 SESSOMS AR: 4194  
 SETA K: 240  
 SETH HC: 5652  
 SETHIAN M: 3954  
 SETLOW P: 805  
 SEWELL IA: 5829  
 SEWELL RL: 5830  
 SEYMOUR AE: 1085  
 SEZILLE G: 5831, 6830, 6833  
 SFAELLO Z: 4345  
 SFONDRI E: 5832  
 SFORZA B: 3214  
 SGOURIS JT: 6512  
 SHABAROV AA: 4464  
 SHABROVA TF: 268  
 SHAFER JA: 335  
 SHAFFER CF: 5833  
 SHAH J: 5834  
 SHAH KD: 5835  
 SHAH VV: 5835  
 SHAHIN W: 7168  
 SHAINOFF JR: 2567  
 SHALL S: 3706  
 SHAMASH Y: 5836  
 SHAMRAEVA SA: 5837  
 SHANAHAN A: 1781  
 SHANBROM E: 553, 5838, 6532  
 SHANI M: 5800-5801  
 SHANIN IUA: 3288  
 SHANKLIN DR: 5839  
 SHANKS J: 7042  
 SHANLEY JD: 4011  
 SHANNON DC: 3651  
 SHAPIRA R: 6966  
 SHAPIRO S: 5840  
 SHAPIRO SS: 3091, 5841  
 SHAPORENKO MV: 5842  
 SHARMA DB: 56  
 SHARMA HM: 5843  
 SHARMA OK: 5844  
 SHARMA RC: 4281  
 SHARMA SD: 5845-5846, 5964-5965  
 SHARMA YN: 4281  
 SHARNOFF JG: 5847-5849  
 SHARON N: 3724  
 SHAROVA IUA: 123, 448, 5065, 5850-5852  
 SHARP A: 1453  
 SHARP WV: 5853  
 SHASHKEVICH IK: 3374  
 SHASTRI K: 5854  
 SHATERNIKOV VA: 5855  
 SHAVER KJ: 5856  
 SHAW AE: 5857  
 SHAW DC: 1140, 3260  
 SHAW E: 611, 1773, 5858  
 SHAW JT: 1979  
 SHAW S: 5859  
 SHCHERBAKOVA MG: 7150  
 SHEA DR: 691  
 SHEA JD: 400-401  
 SHEA M: 5860  
 SHEAGREN JN: 4569  
 SHEBA C: 5800  
 SHEBESTIK V: 1468  
 SHEDD DP: 5562  
 SHEEHAN JP: 5461  
 SHEETS RF: 614, 2775  
 SHEFLIN J: 3191  
 SHEHADEH IH: 5861-5862  
 SHEINER LB: 5863  
 SHEKHTER AB: 435  
 SHEKHTER IA: 5864  
 SHELEG VA: 5865  
 SHEMETOV VD: 5866

SHEMIN D: 1880  
 SHEMWELL RE: 5867  
 SHENDEROVICH VA: 1684  
 SHEPARD FM: 6961  
 SHEPARD GH: 7100  
 SHEPHERD LP: 1121  
 SHEPLEY DJ: 7162  
 SHEPPARD BL: 5868  
 SHEPPARD M: 4843  
 SHERARD SK: 7026  
 SHERIDAN CA: 7042  
 SHERIFF MU: 5496  
 SHERLOCK S: 1355, 5869  
 SHERMAN JD: 50  
 SHERMAN JO: 1146  
 SHERRY S: 1124, 4000, 5870  
 SHERSHOW LW: 5871  
 SHESTERNIA: 2861  
 SHEVACH MR: 5872  
 SHEVCHENKO VD: 2306  
 SHEVCHENKO VI: 5873  
 SHEVCHENKO VS: 5874  
 SHEVTSOVA ZV: 3420  
 SHIAO DD: 5875-5876  
 SHIBATA K: 2803, 4105, 5877, 6348  
 SHIBATA S: 5878  
 SHIBUYA Y: 6279  
 SHIEBER W: 6874  
 SHIELDS CE: 899-901, 1318, 3906, 5879-5882  
 SHIELDS CF: 5883  
 SHIGEMI F: 6355  
 SHIGEMOTO H: 6271  
 SHIGETA Y: 5884  
 SHIKE S: 2818  
 SHIKIMI T: 2866, 5885  
 SHILKO NA: 5886  
 SHILO M: 5887  
 SHIMA T: 5888  
 SHIMADA H: 6849  
 SHIMADA N: 5889  
 SHIMAMOTO T: 2841, 7063-7065  
 SHIMANUKI H: 2075  
 SHIMAOKA M: 4103  
 SHIMAZAKI K: 6334  
 SHIMIZU H: 6271  
 SHIMIZU M: 5890  
 SHIMIZU S: 3692  
 SHIMIZU Y: 5888  
 SHIMODA S: 6261  
 SHIMOYAMA M: 4589  
 SHIN HS: 4198  
 SHIN MH: 6189  
 SHINADA S: 5891  
 SHINAGAWA N: 5892-5894  
 SHINODA T: 6462  
 SHIO H: 2817  
 SHIOIRI-NAKANO K: 1941  
 SHIOSAKA T: 5895  
 SHIOYA M: 5571  
 SHIOZAWA C: 5896  
 SHIPLEY EG: 5280  
 SHIRAI T: 6485  
 SHIRAIISHI S: 6355  
 SHIRAIWA N: 4518  
 SHIRAKI K: 5897  
 SHIRAKURA T: 3099  
 SHIRASAWA K: 5898  
 SHIRATO K: 1948  
 SHIRIAEV VV: 5899  
 SHITIKOVA AS: 4690  
 SHIVELY JA: 5900  
 SHIVELY JE: 5901  
 EL-SHIWY T: 4392  
 SHKLIAROVA ED: 3155  
 SHMAKOVA FV: 5902  
 SHNITSER IS: 5903  
 SHNITTSER IUM: 5904  
 SHOCKMAN GD: 1273  
 SHODA T: 240  
 SHOTTON DM: 5905-5906  
 SHOWN TE: 5907  
 SHREFFLER DC: 29  
 SHREINER DP: 5908  
 SHTEFAN EE: 7145  
 SHTEIN LF: 6657  
 SHTEINBERG GB: 6722  
 SHTOFER GG: 4774  
 SHUBINA AV: 6466  
 SHUKHIAN VM: 232-233  
 SHULL WH: 4425



# AUTHOR INDEX

SHULMAN KM: 3289  
SHULMAN NR: 352, 1337-1338, 2605, 4569, 5909, 6856, 7005  
SHULOV AS: 7187  
SHULTSEV GP: 5910-5911  
SHULUTKO LS: 4248  
SHUMACKER HB JR: 6816  
SHUMAEVA IUF: 2160, 2162  
SHUMAKOV VI: 5912  
SHUMARD RF: 5913  
SHUMWAY C MASS FS: 4118  
SHUMWAY LK: 5540  
SHUMWAY NE: 6192  
SHURKALINA TK: 3645  
SHUTTLEWORTH A: 5914  
SHVARTSMAN AIA: 5915  
SHWACHMAN H: 2664  
SIBINGA CT: 16  
SICUTERI F: 5916  
SIDDIQUE IH: 5917  
SIDONS RC: 5918  
SIDORENKO VD: 6755  
SIDOROV KK: 6452  
SIDOROVICH EI: 5802  
SIEDEK M: 5919  
SIEFKER K: 3096, 3243  
SIEG U: 5920  
SIEGEL B: 725  
SIEGEL NH: 5921  
SIEGEL PB: 1599, 4326-4327  
SIEGEL RR: 3820  
SIEGLIN U: 728  
SIEMIENIEWSKI H: 5922  
SIERON G: 5057  
SIERRA G: 5923  
SIEWERT R: 943  
SIGAL I: 5924  
SIGAL-DAVIDESCU L: 5924  
SIGGAARD-ANDERSEN O: 4635  
SIGLER L: 5925, 6431  
SIGMAN DS: 5926  
SIGNORI EE: 5927  
SIKKENK PJ: 5537  
SIKORA-GIEROWSKA I: 5928  
SILAEV AB: 1684  
SILBERT JE: 5929  
SILPO P: 909  
SILPRANDI N: 301  
SILK E: 3888  
SILLEVIS SMITT WW: 4334  
SILVA J JR: 5930  
SILVA POZO J: 5931  
SILVER D: 3878, 5143, 5932-5933  
SILVER HL: 5934  
SILVER JR: 5935  
SILVER MJ: 2650, 5936-5937  
SILVER MS: 5938-5939  
SILVER RT: 5940  
SILVERBERG J: 4784  
SILVERMAN P: 5384  
SILVERSTEIN MN: 5941  
SILVERTON EW: 1105  
SILVESTRI D: 865  
SILVIS SE: 5942-5943  
SIMANDL E: 1828  
SIMANI A: 1480  
SIMARD C: 5432  
SIMASTHIE P: 2369-2370  
SIMKIN RD: 5944  
SIMKO V: 825  
SIMMONDS S: 5945  
SIMMONS CW JR: 5946  
SIMMONS JB: 5947  
SIMMONS JR: 2573  
SIMMONS RL: 2518  
SIMNIKOVA GA: 2108  
SIMO CAMPS E: 6993  
SIMON A: 5948  
SIMON B: 5949  
SIMON ER: 3867  
SIMON GC: 5309  
SIMON GT: 847, 5950  
SIMON KH: 5951  
SIMON L: 5827  
SIMON M: 4926  
SIMONE JV: 5952  
SIMONET N: 1219  
SIMONETTI A: 1350  
SIMONIAN TA: 5953  
SIMONOT Y: 1475  
SIMONS NR: 3019  
SIMONSEN M: 5954  
SIMOVITCH H: 5955  
SIMPSON CF: 5956  
SIMPSON DR: 1601  
SIMPSON JG: 5375  
SIMPSON KM: 5957, 6113  
SIMPSON RT: 5958  
SIMS EA: 5959  
SINCLAIR JH: 5960  
SINELL HJ: 5961-5962  
SINGER ED: 6482  
SINGER SJ: 6443  
SINGH G: 5963-5965  
SINGH JN: 5966  
SINGH KP: 5964  
SINGH M: 5967  
SINGH MP: 994  
SINGH RH: 5172  
SINGHARAJ P: 2370, 4606  
SINGLA KP: 5170  
SINHA KP: 5968  
SINHA NK: 5969  
SINICHUK KV: 2255  
SINITSYNA AL: 5970  
SINITSYNA TA: 5971  
SINSKEY AJ: 6818  
SIPAROV IN: 5972  
SIPOS T: 5973  
SIRAGANIAN RP: 4742, 5974-5975  
SIRO B: 4499  
SIRS JA: 5273  
SISE H: 4728  
SISE HS: 4638  
SISKIND GW: 762, 3973, 4912  
SIUBAEVA NI: 5976  
SIZONENKO KV: 2189  
SJOGREN A: 5977  
SJOGREN S: 2500  
SJOSTEDT S: 5978  
SKALA LZ: 2161  
SKALKA M: 2729  
SKARNES R: 5438  
SKATULSKA-SURMACKA T: 6320  
SKEGGS LT: 1501, 5979  
SKELTON FS: 5980  
SKIPEMROV VP: 5981-5982  
SKIPETROV VP: 5983-5989  
SKIRKO BK: 6733  
SKJAEVELAND A: 4320  
SKJOLDBORG H: 3913  
SKJORTEN F: 5990  
SKOGAN TR: 2520  
SKOOG L: 3701  
SKOPINA SB: 1019  
SKOVSTED L: 1061  
SKOZA L: 4328, 5809  
SKREB N: 3644  
SKRIPNICHENKO DF: 5991  
SKRZYDLEWSKI Z: 5992  
SKRZYPCZAK J: 5993  
SKUPIN J: 2907  
SKUR'IAT EN: 3195  
SKVORTSOV IA: 293  
SKVORTSOVA RI: 6664  
SLACALKOVA V: 2869  
SLAMEN J: 3002  
SLANEY G: 294  
SLAPAK M: 5994  
SLATER EC: 810  
SLAVIK I: 5995  
SLAVKOVSKI M: 319  
SLEEMAN KH: 2718  
SLEPOVRSKII BV: 5996  
SLEPOY A: 67  
SLIVINSKII BP: 5997  
SLIZ K: 3286  
SLIZOWSKA H: 3185  
SLOAN W: 4227  
SLOMKOWSKI M: 3576  
SLONE D: 5840  
SLOOF JP: 5998  
SLORACH SA: 1807  
SLOTBOOM AJ: 4028  
SLOVITER HA: 5999  
SLUGA E: 6000-6001  
SLUYSER M: 6002  
SMAHEL J: 1092  
SMALE CJ: 776, 935-936  
SMALL NA: 6003  
SMARDA J: 4670  
SMETANA K: 3349  
SMIGLA A: 5510  
SMILEY GL: 3948  
SMILLIE LB: 2999, 6178  
SMILOWICZ M: 6004  
SMIRNOV BA: 6005  
SMIRNOVA GA: 6006  
SMIRNOVA IP: 1614  
SMIRNOVA LI: 2309, 3161  
SMITH AJ: 2502  
SMITH BH: 1335  
SMITH BL: 6007  
SMITH C: 3805  
SMITH CH: 2585, 6008  
SMITH DK: 5141  
SMITH DR: 5860  
SMITH EL: 1341-1342, 5066  
SMITH GF: 6009  
SMITH GW: 6010  
SMITH H: 6059  
SMITH HB: 6011  
SMITH JA: 4941  
SMITH JD: 5611  
SMITH JJ: 6944  
SMITH K: 614  
SMITH L: 6012  
SMITH LD: 1045  
SMITH PF: 6013  
SMITH RE: 2711, 6014  
SMITH RR: 4562  
SMITH S: 6512  
SMOLEN VF: 2872  
SMOLER J: 6015  
SMOLIANITSKII AIA: 160  
SMORENBERG-SCHOORL ME: 6016-6017  
SMRZ M: 6241  
SMUROVA EV: 6662  
SMYTH GD: 6018  
SNAJD V: 2894  
SNEDDON JM: 6019  
SNEDEKER EH: 348  
SNELL EE: 613, 1512, 3013  
SNELL GD: 2589  
SNELLEN-JURGENSE NH: 6002  
SNEZYNSKI C: 6996  
SNOSWELL AM: 1201  
SNOW C: 116  
SNYDER CD: 6020  
SNYDER DT: 6021  
SNYDER F: 7039  
SNYDER HE: 782  
SNYDER J: 717  
SNYDER SR: 3656  
SNYDERMAN R: 4198  
SOBIC V: 4650  
SOBLE LW: 1630  
SOBORG M: 451  
SOBRAN S: 2657  
SOBRERO AJ: 718  
SOCHMAN J: 6740  
SODEK J: 6022  
SODER PO: 3704, 4623, 6023-6026  
SODERBERG G: 1659  
SODJA I: 6027  
SOEDA S: 4710  
SOETERBOEK AM: 6028  
SOFFER RL: 3619  
SOGA D: 416  
SOKAL JE: 1718  
SOKOLOV IM: 6029  
SOKOLOV IUN: 6030  
SOKOLOVA NF: 2162  
SOLAN MJ: 786  
SOLANKE TF: 6031  
SOLATUNTURI E: 73  
SOLBERG LA: 6032  
SOLBERG LI: 6033  
SOLHEID C: 6034  
SOLOMON HM: 2004, 6035  
SOLOMONOVA SG: 6036  
SOLOV'EV GM: 6037  
SOLOVOKO AIU: 6038-6039  
SOLOWAY HB: 1770, 5027  
SOLSKII IAP: 6040  
SOLTOFT J: 6041  
SOLUM NO: 6042  
SOLYMOSS B: 6043  
SOMA H: 6044-6046  
SOMER JB: 6047



# AUTHOR INDEX

SOMERS K: 1207  
 SOMERVILLE GM: 5860  
 SOMERVILLE W: 929-930  
 SOMMERKAMP H: 6048  
 SOMMERS SC: 3777  
 SOMOGYVARI K: 2710  
 SOMOS P: 2710  
 SONDAK DL: 3888  
 SONE T: 5939  
 SONEA S: 5630  
 SONENBERG M: 6272, 7061  
 SONENSHEIN AL: 6049  
 SONG CW: 6050  
 SONG IC: 5487  
 SONIJA GS: 3254  
 SONNEBORN HH: 6051  
 SONNEBORN R: 5789  
 SONNEN N: 6052  
 SONNENWIRTH AC: 6136  
 SONNET J: 6053  
 SONNINO S: 1809  
 SONNTAG HG: 4439-4440, 6054  
 SONOYAMA T: 6818  
 SOO S: 2795  
 SOONG BC: 6055  
 SOOS E: 452  
 SOOTS G: 5183-5184  
 SOPER RT: 1955  
 SOPHIEVA IJ: 5137  
 SOPPITT GD: 41, 6056  
 SORENSEN SF: 6057  
 SORIA C: 5800  
 SORIA J: 5800  
 SORIMACHI M: 2818-2817, 3480, 6058  
 SORM F: 3353  
 SOROFF HS: 4611  
 SORRENTINO L: 1452  
 SOSA GALLARDO C: 6059  
 SOSNA A: 6239  
 SOSNIERZ M: 6060  
 SOSSO A: 939  
 SOTER VN: 6310  
 SOTOS JF: 43  
 SOUKUPOVA K: 5213, 6242  
 SOULIER J: 6061  
 SOULIER JP: 1193, 2990, 6062-6065  
 SOUMENKOFF J: 2538  
 AL-SOURI E: 6306  
 SOURREIL MP: 6066  
 SOUTO RS: 5693  
 SOUTY O: 3663  
 SOVDE A: 6122  
 SOVENYI E: 3406  
 SOX PJ: 7193  
 SPAET TH: 3092, 4341, 6067  
 SPAGNUOLO M: 238  
 SPAMPINATO N: 6068  
 SPANDE TE: 6069  
 SPANJAERDT SPECKMAN EA: 2202  
 SPANKOVA H: 5548, 6070, 6285, 6307  
 SPAR IL: 4034, 6072  
 SPARROW AW: 3299-3301  
 SPATERA C: 1077  
 SPEAR GS: 6073  
 SPECCHIA G: 6074-6075  
 SPECHT G: 3674  
 SPECK JC JR: 3553  
 SPECK WT: 6076  
 SPECTOR AA: 6077  
 SPEED HK: 120  
 SPELLBERG MA: 6078  
 SPENCER FC: 6079  
 SPENCER RF: 6080  
 SPENCER RP: 4938  
 SPERATI G: 6081  
 SPICER SS: 6082  
 SPIEGELBERG HL: 6083  
 SPIELMANN W: 5788, 5791  
 SPIER HW: 6084  
 SPIK G: 1001, 4347, 6085  
 SPIKES JD: 2628  
 SPILBERG I: 6086  
 SPINELLI P: 6087  
 SPITTLER L: 6088  
 SPITSIN IF: 3285  
 SPITTELL JA JR: 1580, 3111  
 SPIVACK M: 3091  
 SPIVAK JL: 6089-6090  
 SPIVAK VA: 3443  
 SPIZEK J: 2908

SPONAROVA J: 1720-1722, 3257, 6209  
 SPOTTL F: 1143, 2671-2672  
 SPRADLIN J: 6091  
 SPRAGG J: 6092  
 SPRANGER JW: 6093  
 SPREADICO PL: 2059, 2061  
 SPRING GK: 59  
 SPRING SR: 7014  
 SPURRIER WA: 1312  
 SPURZIAK MI: 3389  
 SQUASSI G: 5522  
 SRAER JD: 4208  
 SRERE PA: 5967  
 SRINIVASAN S: 2, 6094, 7166  
 SRINIVASAN SR: 6095  
 SRIVASTAVA AK: 6096  
 SRIVASTAVA OP: 994  
 SRIVASTAVA PN: 7121-7122  
 SROUGI M: 3891  
 STABILINI R: 64  
 STACHURSKA J: 6097  
 STACKER AD: 6098  
 STADNIK J: 5560  
 STAFFORD EG: 1781  
 STAFFORD ES: 6099  
 STAHL WM: 1557  
 STAHLHEBER H: 3618, 5035  
 STAIB W: 3410, 5513  
 STAIR GA: 4547  
 STAJIC M: 5444  
 STALKER AL: 779  
 STALLONE RJ: 6100  
 STALOWA I: 3185  
 STAMLER J: 6101  
 STAMM H: 6102-6103  
 STAMPFLI K: 6530  
 STANAITITE N: 6245  
 STANCEK D: 4910  
 STANDISH HG: 5460  
 STANELONI R: 6104  
 STANESCU V: 6105  
 STANESCU-LUPU D: 856, 858  
 STANLEY ER: 6106  
 STANTON R: 1639  
 STANULOVIC D: 6107  
 STAPLE PH: 6108  
 STARE FJ: 3875  
 STARK RB: 2346  
 STARKWEATHER R: 6623  
 STAROSCIK RN: 5424  
 STARR MP: 5792  
 STARR MS: 6109-6110  
 STARRETT AL: 6843  
 STARSHUN GA: 6111  
 STARY HC: 6112  
 STARZL TE: 165, 3907, 4765, 5957, 6113-6114  
 STASIEWICZ J: 1964  
 STASIKOWSKI J: 6115  
 STASIUK NS: 6116  
 STAUDACHER V: 6117  
 STAUDT U: 493  
 STAUFFACHER W: 852  
 STAUFFER CE: 6118-6119  
 STAUFFER UG: 6120  
 STAVEM P: 6121-6122  
 STAVINSKAIA LI: 7152  
 STEANE EA: 2230-2231  
 STEARNER SP: 6123-6124  
 STECKENMESSER R: 2507  
 STEEL AE: 769  
 STEEL WM: 6125  
 STEELE AA: 6126  
 STEERS E JR: 1676  
 STEERS EJ JR: 6938  
 STEFAN A: 5446  
 STEFANIU A: 5446  
 STEFANOVICH V: 6127-6129  
 STEFFEN C: 3598, 6130-6132  
 STEFFEN J: 320  
 STEFFENSEN KA: 6133  
 STEG A: 6134  
 STEGEMANN H: 3264  
 STEGER R: 290  
 STEGGLES AW: 6135  
 STEHBENS WE: 3811, 6136  
 STEHELIN D: 5327  
 STEICHELE DF: 2558-2559, 6137  
 STEIGLEDER GK: 6138  
 STEIN IM: 2702  
 STEIN MA: 6139

STEIN MF JR: 6140  
 STEIN N: 6141  
 STEIN P: 6142-6143  
 STEIN TP: 5938  
 STEIN WH: 861  
 STEIN WW: 2357  
 STEINBECK R: 3241  
 STEINBERG AC: 6144  
 STEINBERG D: 1210  
 STEINBRECHER W: 6145  
 STEINBUCH M: 2990, 3524-3525  
 STEINER DF: 4160, 6146-6147  
 STEINER GM: 6148  
 STEINER I: 6618  
 STEINER M: 321, 3471-3472, 4731-4732, 6149-6150  
 STEINER RF: 2437-2438, 6151  
 STEINERT R: 1840  
 STEINNESS I: 3500  
 STEINMANN P: 6152  
 STEINSMITH W: 6153  
 STEITZ TA: 6154  
 STEJSKALOVA A: 375  
 STEKIEL WJ: 6944  
 STEKKER K: 3053  
 STELLOH RT: 4071  
 STELOS P: 2561-2562  
 STELWAGEN P: 2380  
 STEMMER EA: 5828  
 STENGERT K: 537  
 STENING SG: 6155  
 STENMAN S: 6649  
 STEPAN J: 6156  
 STEPANEK I: 4333, 6583  
 STEPANIAN EP: 5100  
 STEPANOV VM: 6157, 6626  
 STEPANOVA EN: 6158  
 STEPANOVA LG: 189  
 STEPANOVA NI: 6159  
 STEPHAN G: 1619-1620  
 STEPHAN W: 6160  
 STEPHENS FO: 3578  
 STEPHENS RE: 6161  
 STEPHENSON PA: 4696  
 STERKERS JM: 6162  
 STERKOWICZ S: 6163  
 STERN IJ: 6164  
 STERN L: 6165  
 STERN R: 1989, 6166-6167  
 STERNBACH H: 4565  
 STERNBERGER LA: 6168  
 STERNIN IM: 88  
 STERNLIEB CM: 6169  
 STERN LP: 1480  
 STERUSKA M: 6170  
 STETTER H: 6867  
 STEVEN FS: 264, 6171  
 STEVENS CO: 6172-6173  
 STEVENS DA: 6174  
 STEVENS DP: 6175  
 STEVENS FC: 3379  
 STEVENS J: 6176  
 STEVENS P: 6686  
 STEVENS PM: 405, 6177  
 STEVENSON JG: 5326  
 STEVENSON KJ: 6178  
 STEVENSON MM: 2071, 6179  
 STEVENSON TD: 5425  
 STEWART DG: 6180  
 STEWART DR: 6181  
 STEWART GJ: 6182-6185  
 STEWART JE: 5723  
 STEWART JR: 1736  
 STEWART WJ: 6186  
 STICH W: 6187-6188  
 STICKLER GB: 6189  
 STIEBLER RJ: 3817  
 STIER HW: 627  
 STIER WD: 2691  
 STIGMAR G: 4624  
 STILL WJ: 5769  
 STILLER DW: 394  
 STIM TB: 6190-6191  
 STINNER G: 5371  
 STINSON EB: 6192  
 STINTZ AR: 2579  
 STIRPE F: 1349  
 STIRRAT GM: 6193  
 STJERNVALL L: 4336  
 STOBBE H: 2512, 6194  
 STOCHDORPH O: 4275



# AUTHOR INDEX

- STOCK JJ: 3621  
 STOCK W: 1621, 3400, 6195  
 STOCKDALE R: 6939  
 STOCKEN LA: 822  
 STOCKINGER L: 3597, 4586, 6196  
 TODDARD M: 5938-5939  
 STOEPMAN-VAN DALEN EA: 2572  
 STOHLMAN F JR: 1593-1594  
 STOICA A: 3975  
 STOJMIROVIC E: 6778  
 STOKOV I: 6197  
 STOLFI RL: 6198  
 STOLIAR JB: 3740  
 STOLTZ JF: 3537, 6199-6201  
 STOLTZ M: 3538, 6200  
 STOLZ C: 6202  
 STONE DB: 6126  
 STONER G: 6203  
 STONER GE: 6204  
 STOPPA R: 6205  
 STOPPOLONI G: 6206  
 STORR R: 824, 6207-6208, 6426  
 STORCK D: 6839  
 STORK A: 1720-1722, 6209  
 STORM E: 2660  
 STORMORKEN H: 1902, 2662, 5398, 6210, 6212  
 STOROZHUK PG: 6213  
 STOSSEL TP: 6214  
 STOTTER G: 6448  
 STOUT RA: 3847  
 STOUT TD: 110  
 STOUTHAMER AH: 2202  
 STRAATSMA GW: 6215  
 STRADLING P: 569  
 STRAJEAN N: 2029  
 STRANI GF: 6216  
 STRASCHIL F: 414  
 STRASHININ AI: 6217  
 STRASSER ES: 1203-1204  
 STRATTON F: 2300  
 STRATULAT L: 3975  
 STRAUB KD: 3844  
 STRAUB PW: 1777, 2125-2126, 3749, 4155, 5738, 6218-6219  
 STRAUB W: 2124  
 STRAUSBAUCH PH: 6220-6221  
 STRAUSS D: 5435-5436, 5679, 6222-6224  
 STRAUSS HS: 6225  
 STRAUSS JH JR: 640  
 STRAUSS L: 6736  
 STRAWICH ES: 1809  
 STREATY RA: 3212  
 STREI EA: 4071  
 STREICHER HJ: 6098  
 STREIFF F: 3539, 6200-6201, 6226  
 STREISINGER G: 4724  
 STREMPLE JF: 3903  
 STREVEY TE: 6227  
 STRICKLAND EH: 6228  
 STRICKLAND JA: 4546  
 STRICKLAND WM: 5352  
 STRIEGLER E: 6229  
 STRIEGLER G: 6230  
 STRIFE A: 1088  
 STRICKMANS PA: 5041  
 STRITTMATTER P: 4824  
 STRIZHEVSKAIA LN: 3440-3441  
 STRODE WS: 6231  
 STRODER J: 6232-6233  
 STROHMEYER G: 2134  
 STROM O: 2468  
 STROMINGER DB: 1435  
 STROMINGER JL: 3498  
 STRONG DH: 1561  
 STRONG JP: 6234  
 STROUD RM: 4491-4492  
 STRUKOVA SM: 3430, 6235  
 STRUMIA MM: 6236-6237  
 STRUMIA PV: 6236-6237  
 STRUPCZEWSKA-JANUSZOWA H: 6238  
 STRUTHERS JO: 6193  
 STRUTHERS NW: 2774  
 STRYHAL F: 6239  
 STRZYZEWSKA E: 7110  
 STUART RK: 6240  
 STUCHBERY KE: 1781  
 STUCHLIKOVA E: 5213  
 STUCHLIKOVA E: 6241  
 STUCHLIKOVA E: 6242  
 STUCKE K: 6243  
 STUCKER HU: 5786  
 STUCKEY RJ: 1748, 6244  
 STUPELIS I: 6245  
 STURGEON P: 6246  
 STURTEVANT JM: 5876  
 STUTTGEN G: 83, 6247, 6249-6251  
 SUBHAS T: 2770-2771  
 SUBRAHMANYAM YR: 1401  
 SUBRAMANIAN S: 5955  
 SUCHKOVA SN: 6235  
 SUCIU A: 289, 6252  
 SUCIU I: 6252  
 SUDA Y: 684, 1441  
 SUDO K: 6544  
 SUEMASU K: 6253-6254  
 SUEMATSU K: 4300  
 SUGA S: 6255  
 SUGA Y: 6256  
 SUGAR HS: 6257  
 SUGERMAN HJ: 6258  
 SUGIE I: 4615, 6259  
 SUGIHARA H: 4493  
 SUGIMOTO T: 6260  
 SUGIMURA T: 4294, 5888  
 SUGITA A: 6261  
 SUGIURA M: 6262  
 SUGIYAMA S: 5894  
 SUKHAVACHANA P: 2370  
 SUKHODOLOVA AT: 741  
 SUKHOMLINOV BF: 6263  
 SUKHOTERINA LA: 3339  
 SUKHOV VM: 6264  
 SUKHOVA AG: 6265  
 SUKHOVEEVA EIA: 5873  
 SULEV JC: 7163  
 SULLIVAN JP: 707  
 SULMAN KM: 5912  
 SULTAN C: 1522  
 SULTAN Y: 114, 884, 886, 6266  
 SUMEGI J: 4472  
 SUMI Y: 4293  
 SUMIDA S: 6267-6268  
 SUMMERS DF: 1154  
 SUMMERS WA: 6269  
 SUMMERSKILL WH: 2129-2130  
 SUN T: 6270  
 SUNADA T: 6271  
 SUND R: 832  
 SUNDARAM K: 6272  
 SUNDER-PLASSMANN M: 3326  
 SUNTHARALINGAM M: 248  
 SURDEANU M: 5630  
 SURIANU P: 6273  
 SURJAN J: 2710  
 SURMATIS JD: 390  
 SUROVIKINA MS: 6274  
 SURYANARAYANA KS: 546  
 SUSCHKE J: 6275  
 SUSCILLON M: 2652  
 SUSHKEVICH GN: 4720, 6276  
 SUSLOPAROV LA: 5008  
 SUSMANO DF: 447  
 SUSS R: 3183  
 SUTER PE: 6277  
 SUTHERLAND EW: 5415  
 SUTHERLAND J: 3799  
 SUTNICK AI: 4271  
 SUTTIE JW: 2553, 6416  
 SUVARNAKUMARI G: 1401  
 SUVOROVA IA: 6278, 6763  
 SUYAMA T: 6279  
 SUZUKI H: 2071, 6280-6281, 6352  
 SUZUKI I: 3477  
 SUZUKI K: 6498  
 SUZUKI M: 8, 33, 2812, 3255, 4719  
 SUZUKI N: 3293  
 SUZUKI S: 3294, 6400  
 SUZUKI T: 3083, 4493-4494, 4795, 6282  
 SUZUKI Y: 3915-3916, 6283, 6736, 7043-7044, 7052  
 SVAJGER A: 3844  
 SVALANDER C: 622  
 SVATY J: 6284  
 SVEHLA C: 6070, 6285  
 SVEJGAARD A: 3200, 6286-6289  
 SVENDSEN I: 2957  
 SVENDSEN L: 595  
 SVENSJO E: 873  
 SVENSSON R: 3165  
 SVET-MOLDAVSKY GJ: 1024  
 SVIRIDOV AM: 6290  
 SVISTUNOVA TM: 6291-6292  
 SVOBADA M: 6293  
 SVOBODOVA J: 3286  
 SWAIM WR: 5943  
 SWALLOW RL: 3951  
 SWAMI KS: 3140  
 SWAN CH: 6294  
 SWANEY JB: 6295  
 SWANSON VL: 5871  
 SWASH M: 6296  
 SWEDENBORG J: 714, 1347, 4755-4756, 6297  
 SWEELEY CC: 3992  
 SWEENEY DB: 773  
 SWENSON DH: 3020  
 SWENSON O: 4590  
 SWERDLOW DB: 6298  
 SWETERLITSCH PR: 6299  
 SWIDERSKA T: 2356  
 SWINBURNE LM: 6300  
 SWISLOCKI NI: 6301  
 SWOBODA W: 6302-6304  
 SYA R: 6250  
 SYED M: 6994  
 SYED SA: 2450  
 SYKES JA: 6305  
 SYLLM-RAPPOPORT I: 6306  
 SYLWESTER D: 5412  
 SYMES MO: 4146  
 SYMONDS VB: 3048  
 SYMONS MJ: 1148  
 SYNEK P: 6307  
 SYNER FN: 4322-4323  
 SYROMIATNIKOVA NV: 591  
 SYSOEV VF: 4898  
 SYTTINA NP: 3433-3434  
 SZABO R: 6308  
 SZABO V: 5458  
 SZANTO J: 5658  
 SZANTO S: 6309  
 SZASZ I: 6310  
 SZATMARY R: 5446  
 SZAZ KF: 4035  
 SZCZEKLAK A: 6311-6314  
 SZCZYPINSKI J: 6315  
 SZECSENYI A: 3053  
 SZEDERKENYI G: 2994-2995  
 SZEKELY F: 1048  
 SZEKEY JA: 2002  
 SZELENYI I: 5380  
 SZETO IL: 399-401, 3655  
 SZEWCZYK A: 6316  
 SZIGETI M: 5402  
 SZILAGYI T: 6487  
 SZIRMAI E: 5555, 6102-6103, 6317  
 SZLAVY L: 6318  
 SZLOBODA J: 3053  
 SZMITKOWSKI M: 1744  
 SZOLC A: 6319  
 SZOLCSANYI J: 2903  
 SZOTOR M: 6320  
 SZTIRM-RUBINSTEN S: 6321  
 SZYBINSKI Z: 6322  
 SZYDLOWSKI E: 6323  
 SZYMANSKI IO: 6324, 6634  
 SZYMCHYZKOWA B: 5510  
 SZYSZKO S: 1466  
 TABACHNICK J: 6050  
 TABUCHI S: 6353  
 TACHIBANA N: 3256  
 TACHIKAWA I: 6325  
 TACORIAN S: 6681  
 TACQUET A: 3624  
 TACU C: 1046  
 TADA M: 6328  
 TADAYON RA: 6327  
 TADDEUCCI E: 6405  
 TADZER I: 5558  
 TADZER IS: 6683  
 TAGAMI K: 6328  
 TAGER JM: 4861  
 TAGER M: 4331  
 TAGG B: 4571  
 TAGGART P: 929-930  
 TAGNON HJ: 3132  
 TAGUCHI Y: 6329  
 TAILLEUR J: 6330  
 TAIRRAZ JP: 4540

T



# AUTHOR INDEX

- TAIT AC: 6470  
TAJIMA T: 4384  
TAKACS L: 5421  
TAKADA M: 2181  
TAKAGI T: 4761, 6331-6332  
TAKAHAMA T: 3100  
TAKAHASHI K: 3293-3294, 6329  
TAKAHASHI M: 3205, 6333-6334  
TAKAHASHI N: 4615, 7069  
TAKAHASHI T: 2376, 4369, 6335-6336  
TAKAHASHI Y: 6337  
TAKAKU F: 6338  
TAKAKUWA E: 6339  
TAKAMATSU S: 4304  
TAKAMI T: 6340-6341  
TAKAMIYA T: 6342  
TAKASHIMA S: 6343  
TAKATS G DE: 6344  
TAKAYAMA H: 3102  
TAKAYAMA S: 6345-6346  
TAKEDA H: 4512  
TAKEDA T: 4495  
TAKEDA Y: 6347  
TAKEHARA B: 4369  
TAKEMURA M: 4793  
TAKENAKA O: 6348  
TAKEO K: 6353  
TAKEOKA H: 6349  
TAKESUE S: 6350  
TAKEUCHI I: 6351  
TAKEUCHI K: 6352, 7065  
TAKEUCHI N: 2826  
TAKEUCHI T: 7085  
TAKEUCHI Y: 6353  
TAKEYA K: 6354  
TAKIDA K: 6355  
TAKIZAWA S: 2853  
TALALLA A: 6356  
TALAMO RC: 3651  
TALBERT W: 3820  
TALBOT P: 937  
TALBOT S: 6357  
TALELENOVA NN: 6403  
TALLAI L: 4896  
TALLARICO A: 880  
TALMAN EA: 4355  
TAL'SKAIA IN: 6278, 6725  
TALYKOV BA: 3157  
TAMADA Y: 4304  
TAMAKI T: 6358  
TAMAKUMA S: 5438  
TAMAOKI T: 4230  
TAMASI K: 666  
TAMBURRO AM: 2983  
TAMIR M: 6359  
TAMM LIA: 6360  
TAMURA G: 6358  
TAMURA T: 6361  
TAMVAKOPOULOS SK: 6362  
TAN BH: 1988-1989  
TAN CC: 4696  
TAN CV: 1456  
TANABE Y: 3172  
TANAKA A: 5877  
TANAKA C: 2851  
TANAKA K: 6343, 6363-6364, 6535  
TANAKA M: 3109  
TANAKA R: 6365  
TANAKA S: 2694-2695  
TANAKA Y: 4607, 6366  
TANDON BN: 6367-6368  
TANDON HD: 2302  
TANE S: 6369  
TANESE T: 3583-3584  
TANFORD C: 3983, 5355  
TANG J: 2741  
TANGUN Y: 2806  
TANGUN Y: 2807  
TANGUY A: 963  
TANI J: 6576  
TANIGAWA J: 2865  
TANIGUCHI N: 1697  
TANIGUCHI T: 4589  
TANIMURA A: 2865  
TANKERSLEY CB: 720  
TANZER J: 489, 2884  
TAO M: 6370  
TAORI M: 6485  
TAPELLA PA: 6371  
TAPLIN GV: 2832  
TAPON J: 965  
TAPP E: 6372-6373  
TAPPEINER J: 6374  
TARAN VI: 3187  
TARANOVICH VA: 3380  
TARANU A: 1554  
TARASOVA LN: 3318  
TARDITO E: 6375-6376  
TARHAN S: 6377  
TARIN D: 6378  
TARKHANOVA IA: 3443  
TARLOW MJ: 6379  
TARLOW O: 6379  
TARNAWSKI A: 6380  
TARNAY TJ: 1995, 6381  
TARRIS R: 1121  
TARSITANO JJ: 6382  
TARTAKOFF J: 1258  
TASAKI I: 6383  
TASHIAN RE: 4228  
TASHIRO T: 6267-6268  
TASWELL HP: 4138  
TATARINOVA NV: 2032  
TATEISHI H: 4299, 4607  
TAUBER J: 5274  
TAURA T: 227  
TAVARES P: 457  
TAVORMINA PA: 4033, 6717  
TAXONERA F: 4879  
TAYLOR A: 6384  
TAYLOR AG: 6385  
TAYLOR BC: 5853  
TAYLOR DE: 410  
TAYLOR HB: 4991  
TAYLOR JC: 6386  
TAYLOR SH: 2822  
TAYLOR SM: 3136  
TAYLOR WL: 6439  
TAZAWA M: 1962  
TTAZI-MOHA: 1359  
TCHEDOMIR I: 6387  
TECUCUANU R: 1579  
TEGER-NILSSON AC: 1347, 2256, 4631, 4755-4756  
TEITELBAUM SL: 6388  
TEIXEIRA D: 1981  
TELESE A: 5054  
TELESE M: 837  
TELLER DC: 426  
TELLEZ A: 6389  
TEMPEL K: 6390  
TEMPLE TE: 6391  
TEMRIAZANSKAIA RA: 6392  
TENCONI L: 6393  
TENDETNIK IUIA: 3623  
TENHUNEN R: 6394-6395  
TEODORESCU C: 1418  
TEODORESCU P: 6396  
TEODORI ML: 6397  
TEODOROVICH VI: 3373  
TEOFILI MT: 354  
TEPLOVA NN: 3744  
TEPPER PA: 6398  
TEPPER SA: 3402  
TEPPERMAN HM: 6472  
TEPPERMAN J: 6472  
TERADA H: 6399-6400  
TERAO T: 6544-6545  
TERAO Y: 6401  
TERASAKI PI: 6584  
TERASHI A: 240  
TERBLANCHE J: 694  
TEREKHINA NK: 6402  
TERENT'EVA EI: 6403, 6488  
TERESIAK T: 6314  
TERHEGGEN HG: 6404  
TERRENI F: 6405  
TERSKAIA LV: 6406  
TERSTIANSKA G: 6407  
TERZUOLO D: 6408  
TESCHAN PE: 5727  
TESTART J: 4979  
TETRARU C: 4677  
TETZNER E: 6409  
TEULINGS FA: 6410  
TEZUKA T: 4106  
THAN E: 2002  
THAN G: 1506  
THANG MN: 6411  
THARP JD: 6412  
THEILADE E: 6026  
THEISINGER W: 6413  
THEISS W: 6414  
THEMANN H: 1752-1753, 6988  
THEODOPOULOS G: 1145  
THIBAUT P: 6415  
THIEFFRY JC: 1002  
THIEME U: 3313  
THIERRY MJ: 6416  
THILO D: 6417  
THIVEND P: 255  
THOAI NV: 1380  
THOENEN H: 397  
THOMA JA: 6091  
THOMAS C: 6418-6419  
THOMAS CS JR: 6420  
THOMAS DP: 2304, 2482, 2528, 6421-6425  
THOMAS ED: 823-824, 6207-6208, 6426  
THOMAS GI: 1602  
THOMAS GK: 6427  
THOMAS H: 2171  
THOMAS JW: 5684-5686, 7101  
THOMAS K: 2637  
THOMAS ML: 1780  
THOMAS PA: 6227  
THOMAS TV: 6428  
THOMAS WA: 2798  
THOMPSON AR: 6429  
THOMPSON EW: 6430  
THOMPSON IL: 5302  
THOMPSON JE: 6431  
THOMPSON JH: 6432  
THOMPSON JH JR: 2334, 2779, 4820  
THOMPSON JN: 6433  
THOMPSON JS: 6434  
THOMPSON JW: 6814-6815  
THOMPSON KH: 4918  
THOMPSON WB JR: 6435  
THOMSON AR: 241  
THOMSON JM: 98, 5115, 6436  
THOMSON RG: 6437  
THONNARD-NEUMANN E: 6438-6439  
THORGERSSON S: 732  
THORNE KJ: 6440  
THORNES RD: 2739, 6441-6442  
THORPE NO: 6443  
THORSBY E: 6289, 6444  
THOUVEREZ JP: 5159, 6445  
THREEFOOT SA: 6446  
THUILLIER A: 3610  
THUMB N: 6447  
THUNE S: 6448  
THURAU K: 2211  
THURET F: 4781  
THUSIUS D: 2288  
THYSELL H: 2402-2403  
TIAMSON E: 6449  
TIBELL B: 714  
TICE DA: 6079  
TICKNER EG: 6450  
TIDARE E: 3566  
TIDBALL ME: 6451  
TIDDENS EA: 738  
TIGELAAR RE: 3974  
TIKHOMIROV IB: 4898  
TIKHOMIROVA NN: 1769  
TIKHONOVA GP: 6452  
TIKHONOVA NE: 6453  
TILL DJ: 1955  
TILLE D: 3218  
TILLEMENT JP: 576  
TILLES JG: 6454  
TILLMAN AD: 815  
TILLMANNS H: 6455  
TILSNER V: 3998  
TILSTONE WJ: 1245  
TILZ GP: 6456  
TIMERBAEV VN: 6457-6458  
TIMMIS HH: 2418  
TIMOFEEVA LM: 1019-1020, 6459  
TIMOKHINA EA: 6157  
TIMPL R: 6131-6132  
TINAZTEPE B: 1813  
TINTEROVA Z: 6460  
TIPPER DJ: 3498  
TIPPETT P: 1958, 6912  
TISCHENDORF FW: 6461  
TISCHENDORF MM: 6461  
TISCHLER V: 1360  
TITANI K: 6462-6463, 6952  
TITOVA MI: 3158-3159



# AUTHOR INDEX

TITOVA TV: 5344  
TITUS JL: 7107  
TIWARY CM: 6464  
TIXIER M: 1006  
TIZARD IR: 6465  
TIZIANELLO A: 5595  
TKACH EA: 2109  
TKACHENKO AF: 6466  
TOBIAS P: 6752  
TOBIN G: 3081  
TOBITA T: 4515  
TOBOLSKA E: 2981  
TOCCI AA: 3266  
TODA N: 6467  
TODD CW: 5189  
TODD GM: 6468  
TODOROVIC V: 6469  
TODRICK A: 6470  
TOGA M: 4836  
TOGNACCA M: 939  
TOH E A: 2839  
TOKAREV BV: 1520  
TOKAREV OIU: 6756  
TOKAREV OJ: 6757  
TOKUNAGA J: 2464  
TOKURIKI S: 3173  
TOLEDO TM: 6471  
TOLLE A: 2506  
TOLLERZ G: 873  
TOLLON Y: 1225  
TOLMAN EL: 6472  
TOLNAI G: 6473  
TOLNAI S: 6473  
TOLSTOPIATOVA IA: 6474, 6668  
TOLSTYKH PI: 2191-2192  
TOMASEK R: 375  
TOMASEK V: 7201  
TOMASI DE: 5693  
TOMASI TB JR: 4112, 5079  
TOMASULO PA: 3649  
TOMASZEWSKI J: 6475  
TOMASZEWSKI Z: 5533  
TOMBRIDGE TL: 6476  
TOMENKO EK: 3970  
TOMITA T: 6334  
TOMLIN S: 7133-7134  
TOMMASI M: 2089  
TONINO GJ: 4334  
TONOMURA Y: 2190  
TOPAZ SR: 1725  
TOPEY E: 6477  
TOPUSOV VS: 6478  
TORCHIA DA: 5926  
TORCK C: 6504  
TORELLI M: 6479  
TOREMAM NG: 6480  
TORG JS: 6299  
TORIK ZHI: 5154  
TORIK ZHN: 5153  
TORIYAMA T: 6481  
TORKZADEH I: 6229  
TORNQVIST A: 2404  
TOROK P: 201  
TORRENTI H: 6482  
TORRES J: 6483  
TORRES-REYES E: 1568  
TORRIANI A: 1476  
TORSELLINI A: 2286  
TORSTENSON OL: 6484  
TORUBAROVA NA: 4401  
TORVIK A: 2982  
TOSAKI Y: 6485  
TOSI GC: 92  
TOSKES PP: 3250, 6486  
TOTH S: 6487  
TOTSKAIA AA: 6488, 7153  
TOUBORG JN: 1011  
TOUCHARD P: 6489  
TOULEMONDE H: 3503  
TOULOUKIAN RJ: 6490  
TOUNSI: 1359  
TOUNTAS C: 156  
TOURNIER P: 945  
TOURNOUX M: 6491  
TOUSSAINT D: 6492  
TOUZARD RC: 6493  
TOVEY GE: 6494  
TOWLE GA: 6924  
TOWNLEY RG: 6495  
TOWNSEND CH JR: 6496

TOWNSEND R: 3830  
TOYAMA S: 6498  
TOZAWA Y: 6499-6500  
TRABERT E: 3542  
TRAEGER J: 6501-6502  
TRAGER WF: 3659  
TRAGOR S: 6273  
TRAINA GC: 1484  
TRAINER DO: 4845  
TRAJKOVIC B: 5251, 6503  
TRAMIER H: 5039  
TRAN-VAN-KY P: 6504  
TRAN-VAN-KY P: 6795  
TRANZER JP: 397, 5080  
TRAPEZNIKOVA SS: 4898  
TRASINQ M: 735  
TRAUB WH: 5305  
TRAUTMAN JR: 2454  
TRAVERSE PM DE: 6505  
TRAVIS J: 744, 1096, 2001  
TREADWELL CR: 1070  
TREBBIN H: 6506  
TREDE M: 6507  
TREGUBENKO AI: 6508  
TREMBLAY F: 2950-2951, 2969  
TREMOLIERES J: 925  
TREMOUTET J: 1322  
TRESMAN RL: 2899  
TRIANTAPHYLLOPOULOS DC: 4273  
TRIANTAPHYLLOPOULOS E: 6509-6510  
TRIANTAPHYLLOPOULOS DC: 6510-6511  
TRIANTAPHYLLOPOULOS E: 6511  
TRICARICO F: 1505  
TRICKLAND WN: 2881  
TRIEFF NM: 6512  
TRILLET M: 2199  
TRIMARCHI L: 6513  
TRIMBLE GX: 6514  
TRINER L: 4500  
TRINKLE JK: 6515  
TRINUS FP: 6516  
TRIPODI D: 6517  
TROLL W: 3094, 6518  
TRONCONI JC: 3817  
TRONNIER H: 6519-6520  
TROOP RC: 6521  
TROP M: 6522  
TROSINA TP: 6768  
TROTSSENKO SIA: 4984  
TROUP JM: 1887  
TROVATI A: 1077  
TROWBRIDGE CG: 1276  
TRUDEAU WL: 3879  
TRUEBLOOD HW: 4947  
TRUSLOVE GM: 3860  
TRUTA F: 4026  
TRYDING N: 2404  
TS'AO CH: 6523-6524  
TSAPOGAS MJ: 6525  
TSATSANIDI KN: 6526  
TSHANG TP: 2329  
TSCHESCHE H: 6527-6529  
TSCHIRREN B: 6530  
TSCHOPP TB: 6531  
TSE D: 6532  
TSEPA LS: 172  
TSETLIN VM: 2162  
TSIVIL'KO VS: 4057  
TSUBOKURA T: 4519  
TSUCHIKURA H: 6575  
TSUCHIYA DK: 4068  
TSUCHIYA K: 2851, 4507  
TSUCHIYA T: 6533-6534  
TSUCHIYA Y: 6535  
TSUGITA A: 128, 4724  
TSUJI H: 6536, 6542  
TSUKADA T: 6537  
TSUKAGOSHI N: 6538  
TSUKAHARA H: 3175  
TSUKAMOTO H: 7049  
TSUKERMAN GI: 5284, 6539  
TSUKERMANAITE T: 6245  
TSUNAKAWA S: 6540  
TSUNEMATSU Y: 1941, 3255  
TSUNODA R: 6541  
TSUNODA T: 3099  
TSURU D: 6542-6543  
TSURUO T: 6544-6545  
TSUSHIMA T: 6546  
TSUTSUMI K: 1936

TSUZUKI H: 4374-4375  
TSYPEROVICH AS: 6547-6548  
TUBIANA M: 4884  
TUCCI P: 5848-5849  
TUCKER AN: 5395, 6549  
TUCKER AS: 6550  
TUCKER GT: 6551  
TUCKER VL: 5303  
TUCKER WP: 2707  
TUKOVA E: 6760  
TUDORANU A: 838  
TUFFNELL PG: 3853  
TULLIS JL: 6552  
TULSIANI DR: 6553  
TUMANIAN NT: 6554  
TUNG TC: 3693  
TUOMISTO J: 73, 6555  
TUPIKOVA AA: 1465  
TURAeva FZ: 4483  
TURBECK BO: 6556  
TURBINA NS: 1735, 3743  
TURCANU V: 6557  
TURCHETTI A: 885  
TURIAT J: 6558  
TURKBAS N: 5942-5943  
TURKOVA J: 6559  
TURNBULL A: 6560  
TURNER MD: 6561  
TURNER RH: 6562-6565  
TURPIE AG: 2453  
TURPIN R: 888  
TURUNEN M: 1856  
TURZOVA M: 6566  
TUTOVA MI: 3160  
TUZOVA GP: 3062  
TYBUSZ B: 5533  
TYCE GM: 4821  
TYE RW: 712  
TYGSTRUP N: 5274, 6977  
TYLER HM: 6567  
TYMINSKI W: 1250  
TZAGOURNIS M: 1843

U

UCHACZ M: 3208  
UCHIDA H: 6568  
UDALL JA: 6569  
UDENFRIEND S: 1139, 2576  
UDERMANN H: 1817  
UDOMSAKDI S: 2370, 4606  
UEBEL H: 6570  
UEDA E: 3279, 6571  
UEDA F: 6572  
UEDA H: 4495, 6573  
UEDA Y: 2484  
UEHLINGER E: 4970  
UEMURA Y: 3103  
UENO S: 6574  
UENO Y: 3477  
UETE T: 6575-6576  
UEYAMA H: 3102  
UGLAND O: 3334  
UHER J: 3412  
UHLEMANN B: 1840  
UHLENBRUCK G: 5328, 5429, 5710, 5785, 6577-6582  
UHLENDORF C: 543  
UHRIG J: 4333, 6583  
UHSE HG: 6584  
UKAEJIOFO EO: 2435  
UKITA M: 1949, 6585-6587  
UKITA T: 6544-6545  
ULE G: 6588  
ULIAN S: 5672  
ULIANOVA ND: 6589  
ULIN AW: 2158  
ULMER D: 6590  
ULRICH F: 6591  
ULTMANN JE: 468  
ULUTIN ON: 6592  
UMASHIMA T: 6593  
UMEDA T: 4445  
UMEGAKI K: 6594  
UMEHARA S: 6595  
UMETSU R: 3319  
UMEZAWA H: 6596  
UNDRITZ E: 6597  
UNGER P: 6598  
UNGER RH: 5381



# AUTHOR INDEX

UNGUREANU E: 279  
 UNO I: 2839  
 UNTERMANN F: 5962, 6599  
 UPDEGROVE JH: 1691  
 UPJOHN D: 6172  
 UPPLIGGER J: 7164  
 UR A: 6600-6602  
 URAM M: 6603  
 URAS A: 3324  
 URAYAMA T: 3786  
 URBANCOVA J: 1792  
 URBANCZYK J: 6604  
 URBANITZ D: 6605  
 URBASCHEK B: 6608-6607  
 URIZAR RE: 6608  
 URSYN-NIEMCEWICZ W: 573  
 URY HK: 2153  
 USAMI S: 1042-1044, 2233, 6609  
 USHIYAMA K: 4605  
 USIKOVA TA: 5982  
 USS RH: 6610  
 USZYNSKI M: 6611  
 USZYNSKI-FOLEJEWSKA R: 6611  
 UTSUNOMIYA M: 6481  
 UTTLEY WS: 6612  
 UVAROVA NN: 5153  
 UVNAS B: 20, 1807, 6613  
 UWASAWA K: 6500  
 UXTON B: 6614  
 UY S: 6615  
 UYAMA M: 6616  
 UYEDA F: 720  
 UYEDA K: 6617  
 UZAWA H: 4647  
 UZIEBLO W: 2904-2905  
 UZUN GV: 4284  
 UZZAN D: 2320

## V

VACCARI A: 2214  
 VACCARO R: 845  
 VACHA K JR: 6618  
 VADACHKORIA MK: 826  
 VADON G: 6318  
 VAERMAN JP: 6943  
 VAES G: 6619  
 VAGO O: 6620-6622  
 VAHERI A: 4957  
 VAHOVNY GV: 1070, 6623  
 VAIDYA RM: 4136  
 VAIMAN M: 6624  
 VAINER H: 6625  
 VAINSTEIN TIA: 220  
 VAIREL E: 1190-1192  
 VAISMAN LA: 6651  
 VAITHIANATHAN T: 1390, 6344  
 VAITKEVICIUS VK: 6215  
 VAKHITOVA EA: 6626  
 VALBERG LS: 2870  
 VALDES O: 4118  
 VALDIVIA E: 3946  
 VALEK A: 375  
 VALENKEVICH LN: 2783, 6627-6628  
 VALENTA L: 6629  
 VALENTA M: 7202  
 VALENTI B: 6630  
 VALENTINE FT: 3577  
 VALENZUELA P: 6631-6632  
 VALERI CR: 5526, 6324, 6633-6634  
 VALETTE G: 6635  
 VALIATHAN MS: 6636  
 VALLEE BL: 3014, 3565, 4880  
 VALLENT K: 6637-6638  
 VALLETTA G: 2058  
 VALLETTE FN: 6639  
 VALVERDE I: 5381  
 VAMBUTAS VK: 6640  
 VANACORE C: 6641  
 VAN AKEN WG: 6642  
 VAN ARMAN CG: 6643  
 VAN BELLE H: 6644  
 VAN BUSKIRK J: 3191  
 VANCOETSEM T: 1490  
 VAN CREVELD S: 6645  
 VANDAMME D: 575  
 VANDECASTEELE J: 946-947  
 VANDEMARK PJ: 1755  
 VAN DEN BOSCH H: 1111  
 VAN DER LINDEN W: 481

VANDERMEERS A: 6646-6647  
 VANE JR: 76, 2627, 4573  
 VAN HAARD WB: 1266  
 VAN HORN DL: 6995  
 VAN KREY HP: 1599  
 VAN PEBORGH J: 4657  
 VAN SLYCK EJ: 2236  
 VAN THIEL DH: 6648  
 VAN YSERLOO B: 602  
 VAPAAVUORI M: 5668  
 VAPALAHTI PM: 6649  
 VARCO RL: 5576  
 VARGA JM: 6650  
 VARGA S: 6043  
 VARGAFTIG BB: 652  
 VARGAS L: 6362  
 VARISHAVSKII IM: 6651  
 VARNUM J: 1422  
 VARPELA E: 6652  
 VARSAVSKY CA: 6371  
 VARTERESZ V: 4196  
 VASILENKO IS: 6653  
 VASILENKO NM: 6654-6655  
 VASIL'EV GA: 6656  
 VASIL'EV IUM: 3962  
 VASIL'EV VN: 6657  
 VASIL'EVA EN: 6661  
 VASIL'EVA IG: 3449, 6658  
 VASIL'EVA KM: 6659  
 VASIL'EVA SG: 6660  
 VASILEVSKAIA LS: 6661  
 VASILIU M: 3975  
 VASIUKOV SE: 6662  
 VASIUKOVA EA: 6663-6665  
 VASIUTKOV VIA: 6666  
 VASQUEZ JA: 2284  
 VASSUR P: 6655-6656  
 VASUDEVAN DM: 6667  
 VATMAKHER UA: 6668  
 VAUCELLE T: 6504  
 VAUGHAN ED JR: 6669  
 VAVREIN B: 3286  
 VAYRE P: 6670  
 VAZQUEZ JJ: 6671  
 VAZQUEZ DE PRADA J: 5450  
 VECCHI L: 354  
 VECCHIO G: 4739  
 VECCHIONI R: 6672-6674  
 VECSEY D: 6675  
 VEDIAEV FP: 6676  
 VELASCO A: 5450  
 VELEMINSKY M: 6677  
 VELEZ A: 906  
 VELEZ-GARCIA E: 2706  
 VELEZ-GARCIA E: 6678  
 VELICAN C: 4869, 6679-6681  
 VELICAN D: 6681  
 VELJANOV D: 6682  
 VELKOVA-SIMOVA N: 6683  
 VELLA F: 6684  
 VELTKAMP JJ: 2646, 3761, 6685-6687  
 VENCLIK H: 6688  
 VENERATO A: 1734  
 VENEROVSKII VA: 3962  
 VENKATARAMIAH NR: 995  
 VENKATESAN S: 4780  
 VENNEMAN MR: 6689  
 VENTRUTO V: 5227  
 VENZKE WG: 1417  
 VERAY FX: 6690  
 VERBANCK M: 6691  
 VERBERT A: 5620  
 VEREMENKO KN: 6516, 6692-6693  
 VERESHAGINA VS: 4449  
 VERESS B: 309, 6694-6696  
 VERETSKAIA TV: 3957  
 VERGANI C: 64  
 VERGER D: 1806  
 VERGEZ-PASCAL R: 5086  
 VERGOZ D: 6697-6698  
 VERGOZ L: 5310  
 VERHOEF J: 690  
 VERMA TR: 2945  
 VERMEL' EM: 6699  
 VERMEULEN HJ: 135, 6700  
 VERMYLEN J: 134, 136, 6702  
 VERNANT P: 6701  
 VERNICK J: 2518  
 VERNIER RL: 5036  
 VERNON CA: 334

VERONESE FM: 605  
 VERRET J: 887  
 VERSTRAETE M: 134-136, 6702  
 VERT P: 6703  
 VERTES M: 6135  
 VERTOGRADOVA TP: 6704-6706  
 VERVOORN AC: 4219  
 VESELL ES: 6707-6708  
 VESTAL ML: 724  
 VETRELLA M: 6709-6710  
 VEVERKA L: 5700  
 VEYSSEYRE C: 6501  
 VIALA JL: 883  
 VIALATTE J: 1002  
 VIALETTES T: 6697-6698  
 VIALLET A: 1547  
 VIANKIN KI: 6711  
 VIBUL S: 6258  
 VICH Z: 6242  
 VICHI F: 6712  
 VICKERS MD: 2494  
 VICKOVA M: 6713  
 VIDAL B: 4744  
 VIDAL J: 6714  
 VIDEBAEK A: 4737, 6715  
 VIEWEG WV: 6716  
 VIGDAHL RL: 4032-4033, 6717  
 VIGI V: 6758  
 VIGNAIS PM: 1356  
 VIGNAIS PV: 1356  
 VIGNALOU J: 6718  
 VIGNEUL J: 6719  
 VIGNOLA G: 4370  
 VIKTORA L: 1793  
 VILASCO J: 6720  
 VILKAS E: 130  
 VILLAREJOS VM: 4949  
 VILLEY R: 6721  
 VILLIGER W: 5376  
 VIL'SHANSKAIA FL: 6722  
 VINAZZER H: 6723  
 VINCENS L: 4570  
 VINCENT JP: 6724  
 VINIJAHAUKUL K: 4606  
 VINIK M: 2207  
 VINOGRAD-FINKEL' FR: 1735, 6403, 6725-6726  
 VINOGRADOV NI: 6727  
 VINOGRADOVA MI: 6728  
 VINOGRADOVA TP: 6729  
 VINTSKEVICH IA: 3404  
 VIRAG R: 4979  
 VIRNIK AD: 3156  
 VIROBEN G: 1354  
 VIS HL: 1252, 4814  
 VISCO G: 6730  
 VISENTINI E: 4883  
 VISHNEVSKII AA: 6731  
 VISHNU: 6732  
 VISSARIONOVA VIA: 6733  
 VISSER J: 6734  
 VISWANATHA T: 7103  
 VITA ME: 5552  
 VITACCO M: 258  
 VITALI D: 4144  
 VITEBSCHI V: 6252  
 VITEK V: 1199  
 VITI A: 6735  
 VITSKY BH: 6736  
 VIVAR G: 6015  
 VIZA DC: 1128  
 VIZIRENKO LV: 6737  
 VLAD P: 5955  
 VLADIMIROVA LF: 7186  
 VLAHOVITCH B: 6738  
 VLASENKO MA: 3962  
 VLCKOVA M: 6739-6741  
 VLERK D VAN DER: 6685  
 VLES RO: 3238  
 VOCAC JA: 6742  
 VODNEVA RE: 6743, 7179  
 VOELKEL H: 6744  
 VOGEL G: 6745-6747  
 VOGEL JB: 3842  
 VOGEL MA: 4544  
 VOGEL WC: 6748  
 VOGELSANG H: 6749  
 VOGIN EE: 4790  
 VOGL A: 6750  
 VOGT E: 6122  
 VOGT M: 6143



# AUTHOR INDEX

VOGT W: 5786  
VOGT WE: 3248  
VOICULESCU D: 5127  
VOINESCU I: 216  
VOISIN MC: 1225  
VOJTA M: 6751  
VOLINI M: 6752  
VOLK BW: 8905  
VOLKER P: 3351  
VOLKMANN W: 2049  
VOLKOV ES: 4984  
VOLKOV VE: 3262  
VOLKOVA AP: 2182  
VOLKOVA IN: 6753  
VOLLMAN RW: 5925  
VOLLMAR J: 6754  
VOLM M: 3183  
VOLOBUEV NN: 6755  
VOLODIN VM: 6756-6757  
VOLODKEVICH SM: 1769  
VOLOSIN A: 672  
VOLPATO S: 6758  
VOLPIN G: 5591  
VOLWILER W: 2157  
VOLYNSKII ZM: 6759  
VON DER EMDE J: 2364  
VON ESCH AM: 1687  
VONKA V: 6760  
VON KAULLA KN: 6417  
VON KNORRING J: 6761  
VON LEDEN H: 2867, 6762  
VONOGRADE-FINKEL' FR: 6763  
VOOD J: 6764  
VOORHOEVE HW: 6765  
VOROB'YVA AA: 1928  
VORONENKOVA IA: 6728  
VORSTENBOSCH CJ VAN: 7198  
VORSTER C: 673  
VORSTER CF: 6766  
VOS GH: 6767  
VOS KD: 632  
VOS-BONGAARDT CM DE: 1214  
VOSMIK J: 455  
VOSSE-MATAGNE G: 4344  
VOTCAL BE: 6768  
VOTTELER T: 430  
VOUDOURIS CP: 6769  
VOURC'H G: 4500  
VOWELS M: 6770  
VOZNYI EK: 6771  
VRABEC F: 6772  
VREEKEN J: 2572, 6016-6017, 6642  
VRIES SI DE: 959-961, 6773  
VRIND HM: 6774  
VROMAN L: 6775-6776  
VUIA O: 6777  
VUJADINOVIC B: 6778  
VUJNIC V: 4650  
VUKOTICH D: 809  
VUKOVIC V: 5252  
VULPIS G: 6779  
VYGOVSKAIA IA: 6780  
VYKUKAL HC: 4947  
VYSHEVSKII ASH: 6781  
VYSTYD J: 1332, 2007  
VYVIAL TM: 6496

## W

WACHMAN J: 2121  
WACHTER E: 6527-6529  
WACHTER PE: 7102  
WADA J: 6782  
WADA K: 6783-6784  
WADA M: 6784  
WADE RD: 426-427  
WAECHTER R VON: 6785  
WAGGER GM: 6486  
WAGLER M: 6786  
WAGNER BM: 6787  
WAGNER DE: 5573  
WAGNER H: 6988  
WAGNER HH: 4162-4163  
WAGNER HR: 5955  
WAGNER J: 6788  
WAGNER TE: 6789  
WAGNER-JAUREGG T: 6790  
WAHAL PK: 5852  
WAHLBERG F: 5977  
WAHLBY S: 6791

WAHLQVIST ML: 1319  
WAITSUK P: 5131  
WAITZ E: 4129-4131, 4673  
WAITZMAN MB: 6792  
WAJDOWICZ A: 6380  
WAKABAYASHI A: 5828, 6793, 7079  
WAKE RG: 2593  
WAKISAKA J: 6794  
WAKLEY EJ: 6357  
WALASEK L: 2597  
WALBAUM S: 6795  
WALCHA R: 4407  
WALDER DN: 1700  
WALDER HA: 6796  
WALDHAUSL W: 3598  
WALDRON WG: 5530  
WALEY SG: 1179  
WALFORD RL: 1121  
WALKE JW: 6797  
WALK FS: 6798  
WALKER DG: 6799-6800  
WALKER JA: 5542  
WALKER L: 6303  
WALKER M: 6801  
WALKLETT WD: 5108  
WALL RA: 6802  
WALLACE BG: 3742  
WALLACE HW: 6803  
WALLACE JA: 1285  
WALLACE RB: 6377  
WALLACE WM: 3686  
WALLENBURG HC: 6804  
WALLETT LE: 2938  
WALLOIS P: 6805  
WALLS WD: 3790, 6806  
WALSH AC: 6807  
WALSH KA: 712, 2717, 5246, 5612, 6808-6809  
WALSH PN: 6810  
WALSH RE: 5459  
WALSH RT: 6811  
WALSKY RS: 6854  
WALSKY RS: 6855  
WALT AJ: 3803  
WALT JD VANER: 6812  
WALTER E: 4442  
WALTER P: 1261  
WALTERS WA: 6813  
WALTHER C: 2264  
WALTON JG: 6814-6815  
WALTZ CA: 6816  
WANG AC: 6817  
WANG CC: 585  
WANG DI: 6818  
WANG JH: 6819  
WANG SS: 6820  
WANKE M: 6821-6822  
WANKEN JJ: 6823  
WANSTRUP J: 3206  
WARAKSA AJ: 1982  
WARBURG O: 6824  
WARCHALEWSKI J: 2907  
WARD PA: 6825  
WARD PD: 176  
WARDEN HE: 1995  
WARDLE EN: 6826-6829  
WAREMBOURG H: 6830-6835  
WAREMBOURT H: 6836  
WARNATZ H: 5667  
WARNER ED: 200, 6077  
WARNER W: 4688  
WAROT P: 6837  
WARRELL DA: 809  
WARREN BA: 6838  
WARREN H: 6669  
WARREN KS: 3122  
WARTER J: 6839  
WARWICK WJ: 6484  
WASANTAPRUEK S: 3098, 6840  
WASHBURN KW: 6841  
WASHINGTON JA 2D: 6842  
WASHINGTON JL: 6843  
WASKOWA R: 4656  
WASSERMAN AJ: 6844  
WAT JJ VAN DER: 6845  
WATANABE K: 6846-6847  
WATANABE N: 2447  
WATANABE S: 2376, 5893, 6848-6849  
WATANABE T: 3303, 6850-6851  
WATANABE Y: 6852  
WATANAKUNAKORN C: 6853

WATERFIELD MD: 2924  
WATERMAN NG: 6854-6855  
WATKINS SP JR: 6856  
WATSON DW: 6857  
WATSON HC: 5906  
WATSON JH: 6858  
WATSON PG: 6859  
WATSON WC: 5588  
WATT A: 2227  
WATT DL: 6860  
WATT JE: 1437  
WATT JG: 6861  
WATT RM: 6862  
WATTIAUX JM: 3245  
WATTS H: 6299  
WAXMAN S: 6863  
WEAVER JA: 4133-4134  
WEAVER JP: 1700  
WEBB FW: 1868-1869  
WEBBER AJ: 6864, 6995  
WEBER E: 4366, 5020, 6865-6866  
WEBER G: 6867  
WEBER H: 5636  
WEBER HG: 1486-1489  
WEBER J: 3436  
WEBER K: 3315  
WEBER M: 514  
WEBER P: 1261  
WEBSTER GC: 6868  
WEBSTER ME: 2176  
WEBSTER WP: 3902, 6869  
WEBSTER WS: 6870  
WECHSLER W: 4543  
WEDELL J: 6871  
WEDGWOOD D: 6872  
WEDLER FC: 6873  
WEE GC: 6874  
WEED JC: 5867  
WEED RI: 2407, 6875  
WEEDN RJ: 120  
WEEKS B: 4942  
WEEKES LR: 6876  
WEETALL HH: 2564, 6877  
WEG JG: 405  
WEGELIUS U: 5668  
WEGENER G: 3414  
WEGENER K: 6822  
WEGMANN R: 6878  
WEGMANN W: 3542  
WEGNER H: 3687, 5679, 6879-6880  
WEGRZECKA R: 606  
WEGRZECKI T: 6881  
WEGRZYNOWICZ Z: 5470  
WEHINGER H: 6882  
WEHL A: 6197  
WEHRLIN N: 6883-6884  
WEI R: 6623  
WEIBEL ER: 511  
WEIDENBACH H: 1185  
WEIDHORN RP: 3533  
WEIDINGER P: 6447  
WEIDNER WA: 2207  
WEIGENSBERG BI: 6885  
WEIGHTMAN D: 4183, 4186, 4189-4192  
WEIL M: 469, 2884  
WEINBERG AG: 6886  
WEINBERGER MM: 6887  
WEINER DS: 6888  
WEINER M: 6889  
WEINRACH RS: 6890  
WEINSTEIN M: 1495  
WEINSTEIN Y: 2103  
WEINTRAUB DH: 131  
WEIRICH J: 6891  
WEISBACH H: 6938  
WEISGERBER C: 3515  
WEISS AJ: 2206  
WEISS G: 6892  
WEISS HJ: 6893-6898  
WEISS L: 2279  
WEISS SR: 5287  
WEISSEL M: 6196  
WEISSMANN G: 6899  
WEITZMAN AF: 5481  
WELSLER B: 4486  
WELCH MH: 5366, 6900  
WELCH PC: 6901  
WELCH RB: 6902  
WELCH RM: 6903  
WELCH SG: 4780



# AUTHOR INDEX

WELLAUER J: 2756  
 WELLER P: 3770, 6904  
 WELLINGS SR: 228  
 WELLINGTON JL: 5286  
 WELLMANN KF: 6905  
 WELLMER HK: 3351  
 WELLS GH: 1316  
 WELLS R: 874, 6906  
 WELLS RE: 5891-5892, 5728  
 WELLWOOD JM: 4748  
 WELSCH H: 3394  
 WENDT WP: 6907  
 WENGER J: 6908  
 WENGER NK: 6909  
 WENK K: 6910  
 WENKER H: 2264  
 WENSKE G: 3714  
 WENT J: 6911  
 WENT LN: 6912  
 WENZECKI T: 6913  
 WENZEL DG: 6914  
 WENZEL E: 3597, 6915  
 WENZL JE: 408  
 WERLE E: 1795, 1919, 1921-1924, 2331, 2623, 6916-6917  
 WERMUTH R: 5287  
 WERRINGLOER J: 6043  
 WESSEL W: 2015  
 WESSLER S: 374, 7080  
 WEST GB: 6110  
 WESTERGAARD H: 5274  
 WESTHOFF DC: 6918  
 WESTLEY J: 1391  
 WESTON AS: 6431  
 WESTWOOD JC: 2962  
 WETTERLOW LH: 6919  
 WETTSTEIN G VON: 223  
 WEXLER H: 5541  
 WEYER FG: 6920  
 WEYL-AUBERT J: 2548  
 WEYMOUTH RJ: 6921  
 WHAYNE TF JR: 6922  
 WHEELER S: 1199  
 WHEELLOCK FC JR: 6923  
 WHISTLER RL: 6924  
 WHITAKER AN: 6925  
 WHITAKER DR: 3048  
 WHITAKER JR: 4038-4039, 6926  
 WHITAKER RH: 6927  
 WHITAKER W: 2822  
 WHITCOMB WH: 120, 6900  
 WHITE DC: 2387-2388, 5395, 6549, 6928  
 WHITE HB SD: 6929  
 WHITE JC: 2702, 6930-6934  
 WHITE M: 1499  
 WHITE MJ: 6935  
 WHITE MT: 6936  
 WHITE NS: 3656  
 WHITE S: 1480  
 WHITE TT: 684, 1441  
 WHITECAR JP JR: 6937  
 WHITEHEAD TP: 6911  
 WHITESCARVER J: 5312, 6305  
 WHITFIELD CD: 6938  
 WHITTINGTON RB: 2426  
 WHITWORTH JM: 6073  
 WHOLEY MH: 6939  
 WIBELL L: 79  
 WICHERT K: 6940  
 WICHMAN H: 242  
 WICKBOM I: 622  
 WIDER JA: 6941  
 WIDOW W: 386  
 WIEBERDINK J: 5340  
 WIECHNO W: 5117  
 WIECZOREK V: 2397, 6942  
 WIEDERMANN D: 6943  
 WIEDERMANNNOVA A: 3953  
 WIEDERMANNNOVA D: 6943  
 WIEDMEIER VT: 6944  
 WIEGAND H: 6605  
 WIEGERSHAUSEN B: 282, 6945  
 WIEHMEYER J: 5715  
 WIELAND O: 2279  
 WIENERT V: 3386  
 WIEPES GJ: 6946  
 WIERNIK PH: 6947  
 WIESE CF: 6948  
 WIGGLESWORTH JS: 6949  
 WIGLE DT: 6950

WIJNJA L: 6951  
 WIKLER M: 6462-6463, 6952  
 WILCHEK M: 2103  
 WILCOX PE: 5161  
 WILDHACK R: 4674  
 WILEY AM: 1236, 2384  
 WILFERT K: 4975  
 WILHELM AE: 4274  
 WILIMOWSKA-PELC A: 6953  
 WILK M: 2169  
 WILKE W: 7194  
 WILKINS RH: 6954  
 WILKINSON AE: 6955  
 WILKINSON CF: 3396  
 WILKINSON DI: 6956  
 WIKSTROM S: 2966  
 WILL RM: 2122  
 WILLEMIN M: 4524, 6687  
 WILLEMS A: 6957  
 WILLEMS J: 4918  
 WILLER DE CONTARDI N: 1531  
 WILLERSON JT: 4989  
 WILLIAMS BT: 6958  
 WILLIAMS E: 5496  
 WILLIAMS GM: 6921  
 WILLIAMS GR: 3890  
 WILLIAMS J: 1647  
 WILLIAMS JA: 6294  
 WILLIAMS K: 6965  
 WILLIAMS R: 5267-5270, 6959  
 WILLIAMS RE: 6960  
 WILLIAMS TE: 6961  
 WILLIAMS TJ: 6962  
 WILLIAMS TW: 405  
 WILLIAMS WJ: 893, 3904  
 WILLIAMS WL: 7121-7122  
 WILLIAMSON AR: 6963  
 WILLIAMSON CF: 380  
 WILLIAMSON JR: 6964  
 WILLIS AT: 6965  
 WILLIS PW SD: 1148-1149  
 WILLMEN HR: 5762  
 WILLOUGHBY ML: 74  
 WILLUMSEN J: 1062  
 WILSON C: 6966  
 WILSON CB: 5957, 6113  
 WILSON DB: 6967  
 WILSON DE: 5728  
 WILSON G: 4671  
 WILSON GA: 6968  
 WILSON HL: 1398  
 WILSON JB: 2752, 6969, 7033  
 WILSON JD: 6970  
 WILSON JE: 2250  
 WILSON RB: 6971-6972  
 WILSON RE: 1167  
 WILSON SE: 6973  
 WILSON SM: 1399  
 WILSON WD: 6972  
 WILSON WL: 2206, 6974  
 WILSON WS: 1909  
 WINAND RJ: 3926  
 WINCH J: 385  
 WINDECK R: 5513  
 WINEFORDNER JD: 6975  
 WINGATE MB: 6976  
 WINKEL P: 6977  
 WINKELMAN J: 6978  
 WINKLER KC: 690  
 WINTER WP: 712, 5317  
 WINTERHOFF D: 6979  
 WINTERSCHIED LC: 616  
 WINTHER FO: 6980  
 WINTHER O: 147, 6981  
 WINTZER G: 6562  
 WIONTEK H: 6982-6984  
 WIORKOWSKI JJ: 1383  
 WIFF VK: 6985-6986  
 WIRA C: 6987  
 WIRTH FP JR: 1498  
 WIRTH W: 6988  
 WIRTHNER H: 3782  
 WIRTZ KW: 6989  
 WISEMAN EH: 3775  
 WISEMAN GM: 6990  
 WISLOFF F: 6122  
 WISNIOWSKI T: 6991  
 WISS O: 5379  
 WITKOP B: 6049  
 WITOSZYNSKI S: 1586

WITT I: 6992  
 WITTELS B: 1112  
 WNOROWSKI J: 3819  
 WODARCZYK D: 5560  
 WOESSNER S: 6993  
 WOHL GT: 2226  
 WOHLMAN A: 6994  
 WOJCIECHOWSKA E: 2597  
 WOJCIK JD: 6995  
 WOJTOWICZ M: 6996  
 WOLDOW A: 6997  
 WOLDOW N: 2657  
 WOLF B: 3817, 6998-6999  
 WOLF DP: 7000  
 WOLF DS: 7001  
 WOLF H: 322  
 WOLF P: 1746, 6244, 7002  
 WOLF PS: 7003  
 WOLF RH: 7004  
 WOLFE SM: 1337-1338, 7005  
 WOLFF FW: 2960  
 WOLFF I: 6132  
 WOLFF K: 6374  
 WOLFF MJ: 7006  
 WOLFF S: 5859, 7007  
 WOLFF SM: 4625  
 WOLFRAM G: 7178  
 WOLFRAM H: 7178  
 WOLFSON JJ: 152  
 WOLFSON SL: 4938  
 WOLINETZ E: 1863  
 WOLNA E: 7008  
 WOLNY E: 1831  
 WOLNY M: 7008  
 WOLOSKEK M: 3532, 7009  
 WOLPERT SM: 5947  
 WOLSTENHOLME WA: 3806  
 WONG BL: 1005  
 WONG KH: 7010  
 WONG PW: 2776  
 WONGPHAE S: 4427  
 WOOD AJ: 6496  
 WOOD RE: 6515  
 WOOD S JR: 149  
 WOODARD WT: 5932  
 WOODBURY DH: 4547  
 WOODFIELD DG: 942  
 WOODLEY JF: 7011  
 WOODRUFF JJ: 2052  
 WOODS AH: 7012  
 WOODWARD CK: 5463  
 WOODWARD PM: 331  
 WOODWARD SC: 2555  
 WOODY GL: 7013  
 WOOLCOCK AJ: 7014  
 WOOLFE GH: 2822  
 WOOLF N: 7015-7016  
 WOOLLAM DH: 4829  
 WOOLLEY MM: 6973  
 WOOTEN JW: 6382  
 WORLLEDGE SM: 1254  
 WORMSLEY KG: 7017-7019  
 WORNEN H: 5737, 7020  
 WORNING H: 1830  
 WOROWSKI K: 332-333, 1744-1747, 2119, 3721, 4654, 7021-7024  
 WOSILAIT WD: 5116  
 WOUTERLOOT AC: 4916  
 WOYDA J: 3208, 3338  
 WOZIWODZKI G: 7025  
 WOZNIAK K: 6475  
 WRAY GW: 7026  
 WRAY JB: 7027  
 WRIGHT DJ: 7028  
 WRIGHT HT: 1901  
 WRIGHT HT JR: 5871  
 WRIGHT IS: 7029  
 WRIGHT JW: 5853  
 WRIGHT KA: 7030  
 WRIGHT MG: 7031  
 WRIGHT PW: 2178, 7032  
 WRIGHTSTONE RN: 2752, 6969, 7033  
 WROBEL I: 1860  
 WU KC: 7034  
 WULF RJ: 7035  
 WUNDERLICH R: 7036  
 WURBACH G: 1796  
 WUST L: 2357  
 WUSTEMANN AM: 5683  
 WUTHRICH B: 7037-7038



# AUTHOR INDEX

WYATT RJ: 7039  
 WYBENGA DR: 6978  
 WYBRAN J: 5041, 7040  
 WYCOFF HD: 7041  
 WYNANDS JE: 7042  
 WYREMBLEWSKI F: 60-61  
 WYRZYKIEWICZ T: 2724-2725  
 WYSZKOWSKI J: 198

X

XUONG NH: 1901

Y

YABUNO K: 6351  
 YAMADA H: 3450, 5999  
 YAMAGAMI I: 7043-7044  
 YAMAGAMI K: 7045  
 YAMAGIWA H: 7046  
 YAMAGUCHI K: 4383  
 YAMAGUCHI M: 7047  
 YAMAI S: 4369  
 YAMAK B: 4825  
 YAMAMOTO G: 7048-7049  
 YAMAMOTO H: 7050  
 YAMAMOTO S: 7051, 7093-7094  
 YAMAMOTO T: 2793-2795, 7052-7053  
 YAMAMURA Y: 3279, 7054-7055  
 YAMANA M: 3171  
 YAMANAKA M: 3321, 7056-7058  
 YAMANAKA T: 2376  
 YAMANO T: 2789  
 YAMANOUCHI M: 6573  
 YAMASAKI H: 7059  
 YAMASAKI M: 7060  
 YAMASAKI N: 7061  
 YAMASAKI T: 2853  
 YAMASAWA I: 5566  
 YAMASHINA I: 3631  
 YAMASHITA J: 7062  
 YAMASHITA S: 6545  
 YAMAZAKI H: 7063-7065  
 YANAGIHASHI K: 2484  
 YANAGIMACHI R: 7066  
 YANAGIMOTO Y: 4618  
 YANG HJ: 565  
 YANG MG: 5685  
 YANKEE RA: 2273, 4263, 7067  
 YANKOFISKY SA: 3733  
 YANO H: 6794  
 YANO S: 7046  
 YARON A: 2988  
 YASARGIL MG: 7068  
 YASUDA M: 7046  
 YASUDA Y: 7069  
 YASUE T: 181  
 YASUGI T: 7070-7071  
 YASUI T: 1938, 1949, 6587  
 YASUKAWA JJ: 5280  
 YASUKOUCHI T: 3303  
 YASUNAGA K: 3102, 7072  
 YASUNOBU KT: 6847  
 YATO T: 3275  
 YATZIDIS H: 7073  
 YEH KC: 7074  
 YEUNG CY: 3605  
 YEUNG JM: 7075  
 YEUNG KK: 3605  
 YGGE J: 7076-7078  
 YIM DW: 7079  
 YIN ET: 374, 7080  
 YING LC: 5917  
 YIP LC: 7081  
 YODER II: 6179  
 YODFAT Y: 7082  
 YOGO I: 7083  
 YOKOMIZO I: 4443  
 YOKOMURA E: 7084  
 YOKONO O: 7085  
 YOKOYAMA M: 4719, 7086  
 YORE R: 5354  
 YOSHIDA H: 7087, 7091  
 YOSHIDA K: 7060  
 YOSHIDA M: 4443, 4761, 6044, 6046  
 YOSHIDA N: 7088  
 YOSHIDA T: 2848, 4913, 6543, 7089-7091  
 YOSHIDA Y: 7092  
 YOSHIKAWA T: 2038  
 YOSHIKUNI T: 4519

YOSHINAGA M: 6383, 7093-7094  
 YOSHINARI I: 6286  
 YOSHINARI M: 6287  
 YOSHIOKA K: 7095  
 YOSHIOKA M: 3076  
 YOSHIOKA Y: 7096  
 YOUNG FE: 781  
 YOUNG G: 1529, 2708  
 YOUNG JD: 7097  
 YOUNG JM: 3858  
 YOUNG MC: 7098  
 YOUNG R: 5011  
 YOUNGER RK: 634, 4364, 7099-7100  
 YOUSEF IM: 7101  
 YOSTEN AA: 5433  
 YU P: 987  
 YU PK: 6842  
 YU PN: 6072  
 YU RJ: 7102  
 YU SH: 7103  
 YUDKIN J: 6309, 7104  
 YUNIS AA: 7105  
 YUNIS EJ: 2321, 3666  
 YVART J: 1522

Z

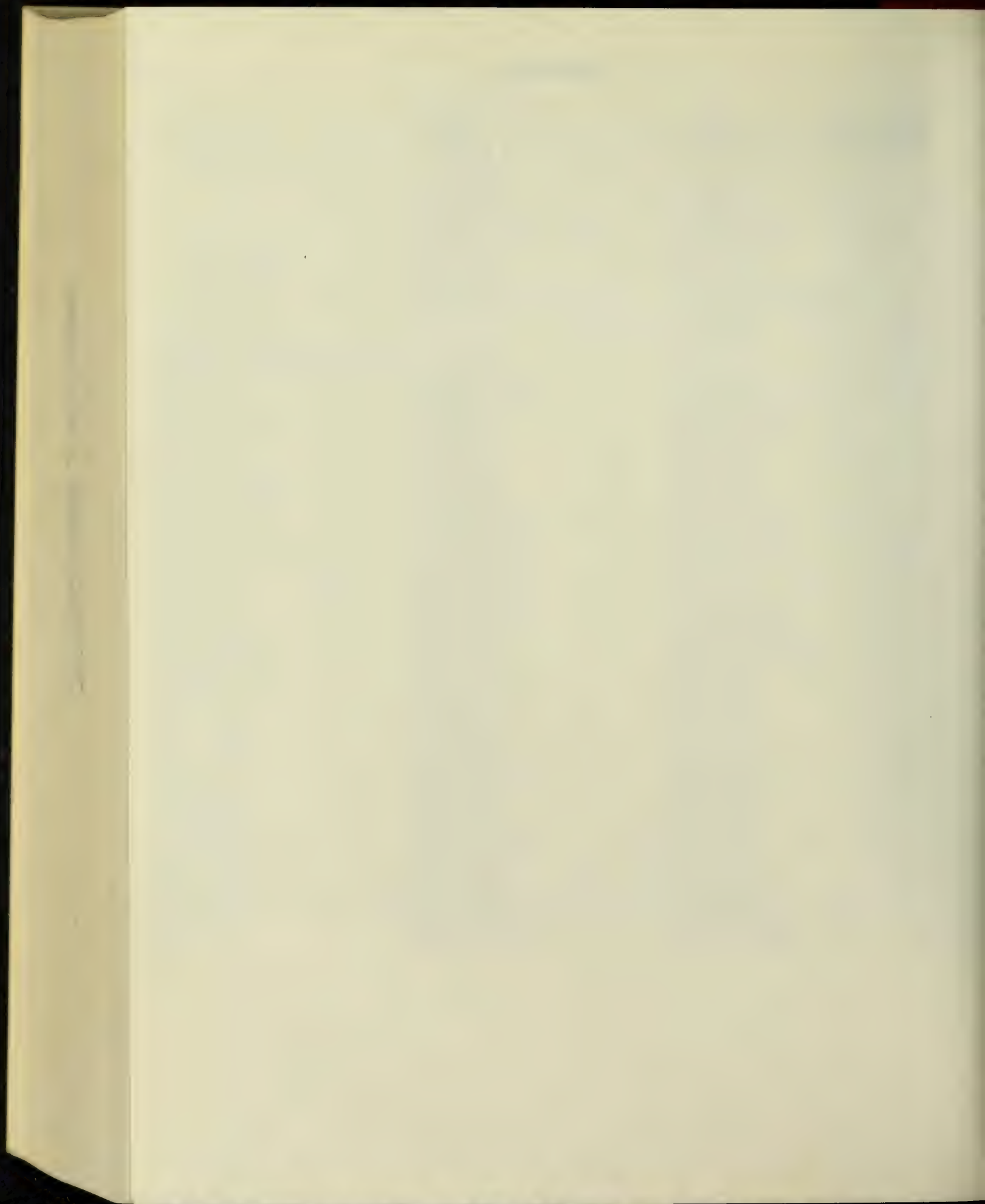
ZABEZHINSKII MA: 5082  
 ZABORSKI F: 7106  
 ZACH J: 816  
 ZACHARIAE F: 296  
 ZACHARIAE H: 2534-2535, 2537  
 ZACHARSKI LR: 7107  
 ZACHO A: 1830  
 ZAETS TL: 7108  
 ZAGALSKI J: 7109  
 ZAGER NI: 115  
 ZAGORSKI W: 7110  
 ZAHAVI J: 7111  
 ZAHN H: 5455  
 ZAHN RK: 4435  
 ZAHNER H: 322  
 ZAHNLEY JC: 7112  
 ZAHORSKA-MARKIEWICZ B: 2065  
 ZAIKIN AN: 7113  
 ZAIKINA NA: 7114-7116  
 ZAIKOVA MV: 7117  
 ZAITSEV VF: 7118  
 ZAJACZKOWSKI T: 7119  
 ZAJARIAS S: 7120  
 ZAJTCHUK R: 1263  
 ZAKRZEWSKI J: 2597  
 ZALOUDEK M: 1518  
 ZALUSKY R: 6897  
 ZAMBROWICZ K: 3952  
 ZAMOLDINOVA NF: 268  
 ZANDER E: 236  
 ZANEVELD JJ: 7121  
 ZANEVELD LJ: 7122  
 ZANINI S: 7123  
 ZANONATO A: 7124  
 ZAPOROZHCHENKO AA: 7125  
 ZAPPALA G: 4050  
 ZAROWNY DP: 7126  
 ZARUBA F: 3412  
 ZASTROW R: 7127  
 ZATZ M: 7128  
 ZAUBERMAN H: 7129-7130  
 ZAUGG H: 5373  
 ZAVADICH IB: 7131  
 ZAVADIL M: 2894  
 ZAWILSKA K: 7132  
 ZBINDEN G: 7133-7134  
 ZDENKOVA K: 2405  
 ZDROJEWSKI D: 3214  
 ZDZIECHOWSKA H: 1295  
 ZEBISCH P: 4366  
 ZECH P: 6501  
 ZEDERFELDT B: 4994  
 ZEFFREN E: 6119, 7135  
 ZEFIROVA GS: 6665  
 ZEIDLER H: 2506  
 ZEINEH R: 1470  
 ZEITLER E: 4046, 5718-5719, 7136  
 ZELINGHER M: 838  
 ZELLER J: 7137  
 ZELSON JH: 4938  
 ZEMLIANIKAIA EP: 7138  
 ZEMLIANITSKAIA EP: 7139  
 ZEMSKOV IUA: 7140-7141  
 ZENNER O: 7142  
 ZEPPEZAUER M: 7143  
 ZESCHKE G: 2127  
 ZETTERQVIST E: 4631-4632, 7144  
 ZGODA A: 6449  
 ZGRABIC M: 5175  
 ZHAK SP: 7145  
 ZHELEZNIKOVA VA: 3399  
 ZHELEZOVSKAIA IB: 7146  
 ZHELTOVA ET: 3078  
 ZHENCHEVSKII RA: 7147  
 ZHIBURKUS I: 6245  
 ZHIKHARE LIU: 7148  
 ZHIVODEROV VM: 7149  
 ZHUDINA AI: 7150  
 ZHUK EA: 220  
 ZHUK EB: 2162  
 ZHUKOV EA: 7151  
 ZHUKOVA NA: 848  
 ZHURAVLEV IUN: 7152  
 ZHURAVLEV VS: 3276, 4332, 7153  
 ZHURAVLEVA NI: 7154  
 ZIBORDI F: 1776  
 ZIEGLER G: 1571  
 ZIEGLER H: 7155  
 ZIEGLER TF: 7156  
 ZIENKIEWICZ K: 2923  
 ZIERDT CH: 7157  
 ZIEVE PD: 7158  
 ZILBERT NI: 5260  
 ZILVERSMIT DB: 6591, 6989  
 ZIMAKOV IUA: 3512  
 ZIMMERMAN TS: 90  
 ZIMMERMANN S: 7159  
 ZIMMERMANN WE: 7160  
 ZIMNICKI Z: 7161  
 ZINGG W: 7162-7163  
 ZINOV'EV ED: 2046  
 ZINSSER O: 7164  
 ZIOLKOWSKA H: 2014  
 ZITI LM: 2330  
 ZIVKOVIC M: 3413  
 ZIVKOVIC MS: 7166  
 ZIVKOVIC RV: 1394, 7165  
 ZIVKOVIC RV: 7166  
 ZLOTKIN E: 7167  
 ZLOTNICK A: 7168  
 ZLOTNIK EI: 7169  
 ZLYDNIKOV DM: 6217  
 ZMIJEWSKI CM: 1848  
 ZMURKIN VP: 6768  
 ZOCH E: 7170-7171  
 ZOGBI J: 1174  
 ZOLA-SLECZEK E: 3409, 7172-7175  
 ZOLLINGER HU: 7176  
 ZOLLNER N: 7177-7178  
 ZOLOTAREVA MM: 7179  
 ZOLOTAREVSKII VIA: 3277-3278  
 ZOLOTUKHIN NA: 7180  
 ZOLOTUKHIN SI: 7181  
 ZOLTAN L: 7182  
 ZOLTAN OT: 2977  
 ZOMER M: 4949  
 ZOOK EG: 464, 7183  
 ZORBAS K: 2263  
 ZOSIN P: 7184  
 ZOUBKOVA M: 6741  
 ZOURLAS PA: 1138  
 ZOUTENDYK A: 7185  
 ZUBAIROV DM: 6457, 7186-7187  
 ZUBROD CG: 7188-7189  
 ZUCK TF: 7190  
 ZUCKER MB: 238, 3499, 4995, 7191  
 ZUCKER S: 2143, 7192-7193  
 ZUCKERKANDL E: 1117  
 ZUHLKE H: 7194  
 ZUHLKE V: 7195  
 ZUIDEMA GD: 6099  
 ZURN H: 7196-7197  
 ZUS' GS: 7117  
 ZVERKOVA AS: 1544  
 ZWART D: 7198  
 ZWARTZ JA: 1266  
 ZWEERINK HJ: 6014  
 ZWEIFACH BW: 4053  
 ZWILLING R: 5483, 6051, 7199-7201  
 ZWINGER A: 7202  
 ZYAKUN AM: 6157  
 ZYCHOWSKA I: 2485  
 ZYDEK-CWICK CR: 5689



## AUTHOR INDEX

ZYK N: 7203  
ZYKOVA KI: 7204  
ZYL JJ VAN: 2252  
ZYLSTRA W: 7014  
ZYSKIND JW: 3498

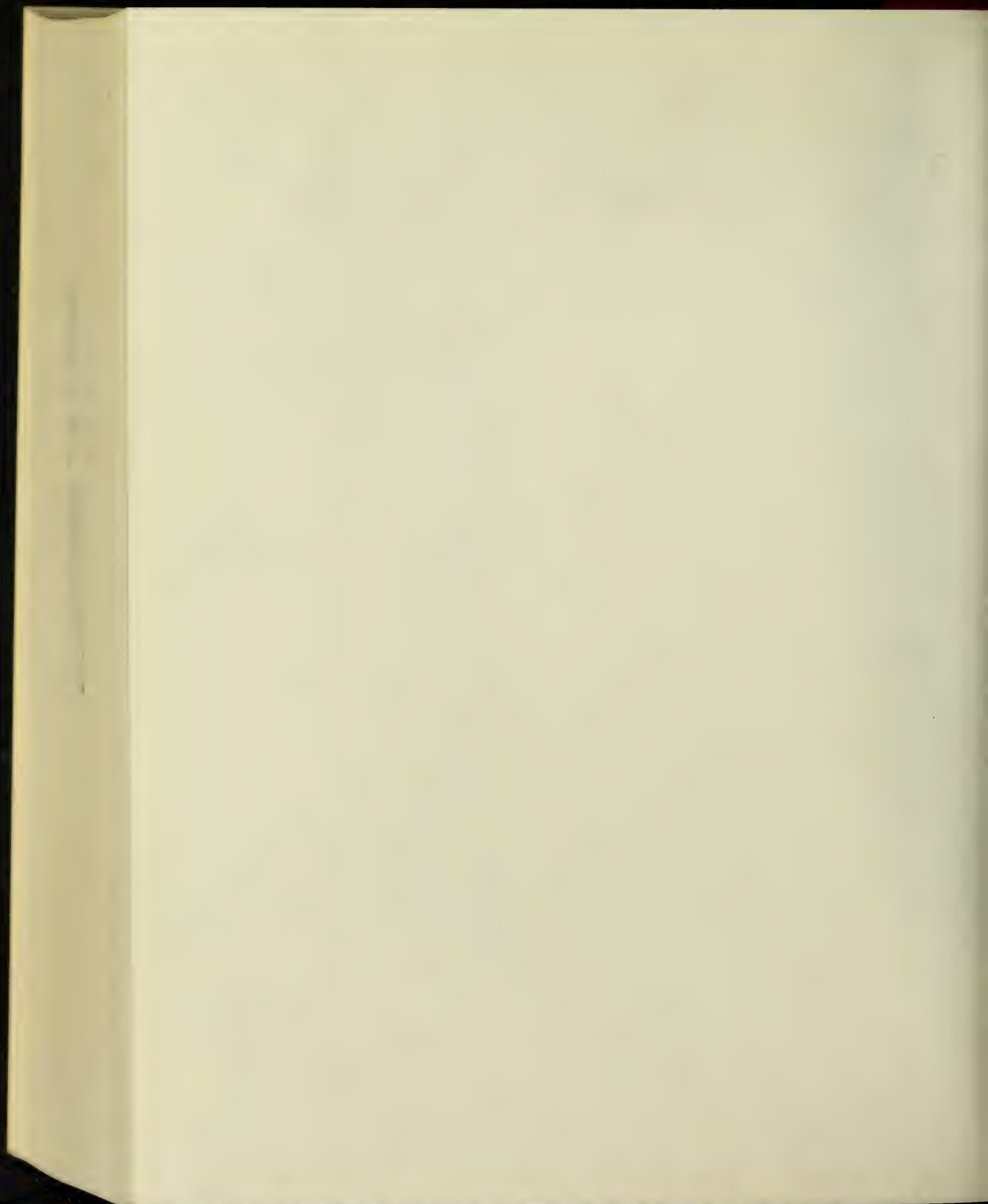








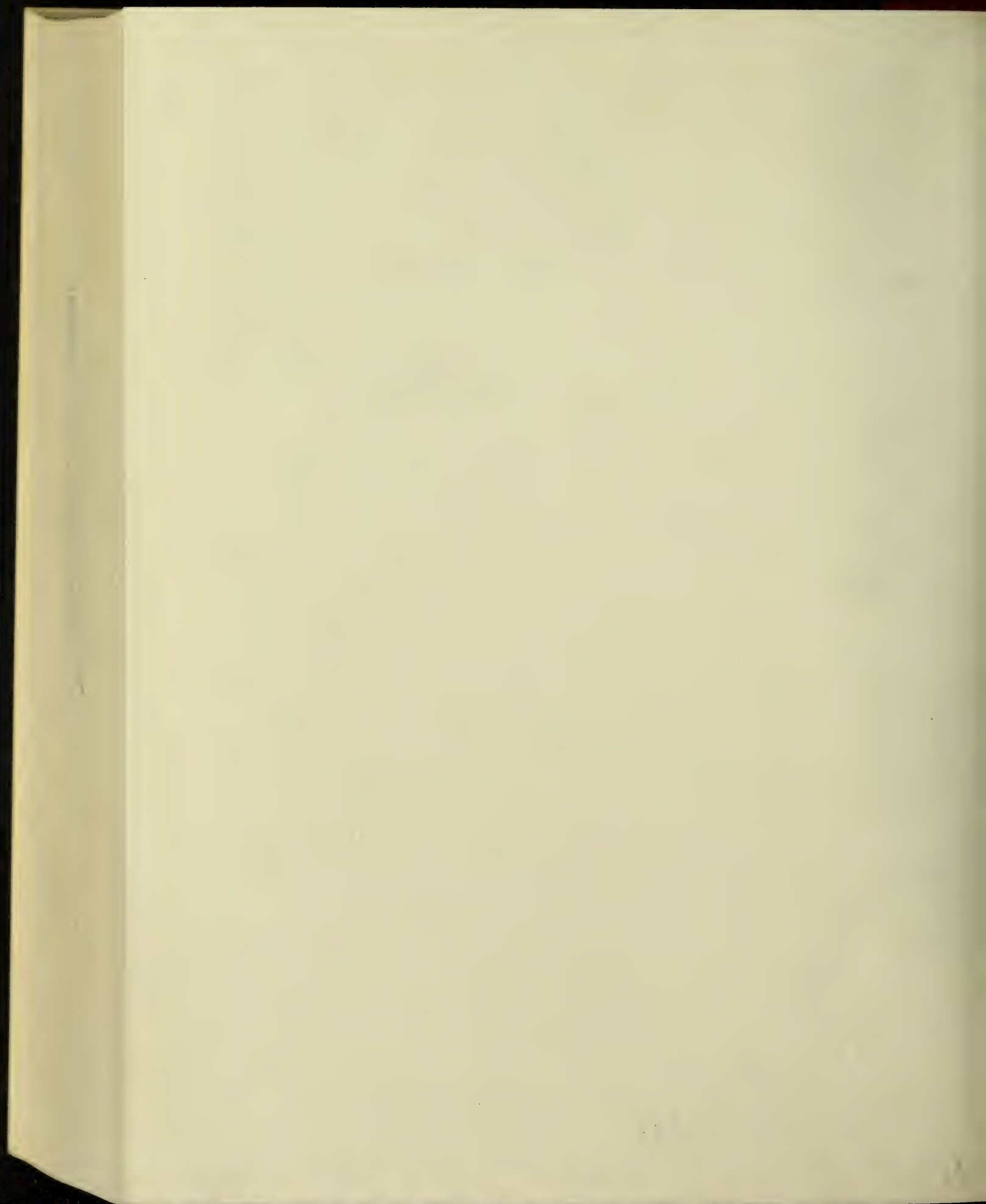


































UNIVERSITY OF ILLINOIS-URBANA

016.612115F443 C002  
HEMOSTASIS AND THROMBOSIS  
1970



3 0112 010243480